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
COAKLEY PENDERGRASS, et al., Plaintiffs, v. BRAD RAFFENSPERGER, et al., Defendants.	CIVIL ACTION FILE NO. 1:21-CV-05339-SCJ
ANNIE LOIS GRANT, et al., Plaintiffs, v. BRAD RAFFENSPERGER, et al., Defendants.	CIVIL ACTION FILE NO. 1:22-CV-00122-SCJ

DEFENDANTS' LISTS OF WITNESSES AND EXHIBITS

On January 28, 2022, this Court directed that the parties in the above-captioned cases were to file lists of witnesses and exhibits for the upcoming preliminary injunction hearing. Defendants provide the following lists:

1. List of witnesses who are expected to testify live at the preliminary injunction hearing.

Defendants plan to call the following individuals to testify live at the preliminary injunction hearing:

1. Mr. John Morgan, expert witness on mapdrawing and demographics.
2. Mr. Michael Barnes, witness on Secretary of State processes surrounding election administration.
3. Ms. Lynn Bailey, expert witness on county election processes and timing.
4. Ms. Gina Wright, expert and fact witness on mapdrawing and demographics.
5. Dr. John Alford, expert witness on polarized voting issues.

Defendants plan to cross-examine the following witnesses who provided declarations for Plaintiffs at the hearing and reserve the right to cross-examine additional witnesses called by Plaintiffs:

1. William Cooper
2. Lisa Handley

3. Adrienne Jones

4. Blakeman Esselstyn

5. Maxwell Palmer

6. Orville Vernon Burton

2. List of witnesses who are expected to testify by affidavit.

Defendants do not have any additional witnesses who are expected to testify only by affidavit.

3. Numbered list of exhibits.

Defendants identify the following exhibits for use at the hearing and indicate whether they have been previously submitted. Exhibits that were not previously submitted are attached to this pleading.

Number	Exhibit	Submitted?
001	Dec. of John Morgan - Alpha Phi Alpha	Already filed on docket
002	Dec. of John Morgan - Grant	Already filed on docket
003	Dec. of John Morgan - Pendergrass	Already filed on docket
004	Dec. of Michael Barnes	Already filed on docket
005	2021 Senate committee guidelines	Already filed on docket
006	2021 House committee guidelines	Already filed on docket
007	SOS Redistricting Manual	Not previously submitted
008	2022 SOS Election Calendar	Already filed on docket
009	Adopted Congressional Map Packet	Not previously submitted
010	Adopted Senate Map Packet	Not previously submitted
011	Adopted House Map Packet	Not previously submitted

012	Democratic Congressional Map Packet	Not previously submitted
013	Democratic Senate Map Packet	Not previously submitted
014	Democratic House Map Packet	Not previously submitted
015	Cooper House District 28	Not previously submitted
016	Cooper House District 129	Not previously submitted
017	Cooper House Districts 128 and 158	Not previously submitted
018	Esselstyn House Districts 74, 75, and 78	Not previously submitted
019	Esselstyn House Districts 133 and 135	Not previously submitted
020	Esselstyn House District 149	Not previously submitted
021	Cooper Senate District 18	Not previously submitted
022	Cooper Senate Districts 23 and 26	Not previously submitted
023	Cooper Senate Districts 16, 28, and 29	Not previously submitted
024	Esselstyn Senate District 17	Not previously submitted
025	Esselstyn Senate District 20	Not previously submitted
026	Esselstyn Senate District 23	Not previously submitted
027	Cooper Congress District 14	Not previously submitted
028	Adopted House District 32	Not previously submitted
029	Adopted House Districts 74, 75, and 78	Not previously submitted
030	Adopted House District 118	Not previously submitted
031	Adopted House Districts 149	Not previously submitted
032	Adopted House Districts 135 and 144	Not previously submitted
033	Adopted House Districts 128, 155, and 158	Not previously submitted
034	Adopted Senate District 18	Not previously submitted
035	Adopted Senate Districts 23 and 26	Not previously submitted
036	Adopted Senate Districts 28 and 16	Not previously submitted
037	Adopted Congress District 14	Not previously submitted

Defendants reserve the right to mark additional exhibits during the hearing if required for the resolution of the motions.

This 31st day of January, 2022.

Respectfully submitted,

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CERTIFICATE OF COMPLIANCE

Pursuant to L.R. 7.1(D), the undersigned certifies that the foregoing brief has been prepared in Century Schoolbook 13, a font and type selection approved by the Court in L.R. 5.1(B).

/s/ Bryan P. Tyson
Bryan P. Tyson

EXHIBIT 7

Redistricting & Street Maintenance

Secretary of State Elections Division

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re·dis·trict (riˈdɪs trɪkt)

tr.v. **re·dis·trict·ed**, **re·dis·trict·ing**, **re·dis·tricts**
To divide again into districts, especially to give new boundaries to administrative or election districts.

Redistricting is the process of drawing electoral district boundaries, often in response to population changes determined by the results of the decennial census.

In the Georgia Voter Registration System (GVRS) you have many tools to make sure all of the street names, segments and ranges are correct, as well as to make sure your street segments are properly assigned to combos, districts and precincts. . It is making sure your combos and districts are correct. When you have all of that information correct in the system, the voters will be properly assigned. As you are working on this process, you must remember that the purpose of redistricting is to assign addresses to the correct combos, districts and precincts.

Ninety-five percent of the work you will do is advance work before you begin entering information into the GVRS (Georgia Voter Registration System). You will be using paper, pencils, pens, highlighters, markers, rulers, maps, spreadsheets compiling all of your street information.

Once you are ready to be "in the system" working, you have some options. You can work in the redistricting module or just be in the system performing street maintenance. You will be able to do a lot of the work outside the redistricting module. Yes, you are limited to the work you can do, but there are some advantages. We recommend that you do as much as you can outside of the redistricting module. Changes that you make in the redistricting module require an overnight process to generate changes and reports. Changes made in street maintenance outside of the redistricting module are instant.

If you can answer YES to any of the next 5 questions, you are can make the changes in Street Maintenance.

Street Maintenance

1. Do you need to add a new street?

2. Do you need to expand a range (as long as it does not overlap an existing range)?

3. Do you need to change a street that does not have voters attached?

4. Do you have streets with rural routes that do not require a high/low range?

5. Do you have a businesses address to which no voters can be attached that you want to record as a business address?

If you can answer YES to any of the next 8 questions, you will need to work in the redistricting module.

Redistricting

1. Do you have voters whose districts are listed as 99999 ?
2. Do you have new combos and districts?
3. Do you need to move a whole street? Add streets? Delete streets?
4. Were district lines redrawn?
5. Do you need to move a street in or out of a municipality?
6. Do you need to change a postal city or zip code?
7. Do you need to change a voting area or a precinct?
8. Do you need to change street ranges?

First we are going to do Street Maintenance, outside the redistricting module.

main·te·nance

ˈmānt(ə)nəns,ˈmāntn-əns
noun

1. the process of maintaining or preserving someone or something, or the state of being maintained. 2. the upkeep of property or equipment

Street Maintenance

New streets can be added to your county street library and street ranges defined for them. Street ranges allow for the assignment of specific district information. A range can consist of the entire street or specific segments of the street. **A street number cannot exist in more than one segment for a specified street.** When you are processing a voter's address through the Voter Registration process, the voter's street address (house number) must be included in the street range defined in the street library for your county. If it is not, they will appear on the 99999 report.

You can only use the street maintenance function when you are not in redistricting. You are limited to the changes you can make. You cannot change combos. You can add a new street, expand a range (as long as it does not overlap on an existing range) and change streets that have no voters attached. Making the street segment changes updates the streets, and the system assigns the voters to the correct street segments.

Step One– acquiring the information you need

- Order your maps from Reapportionment, contact Gina Wright, Executive Director of the Legislative and Congressional Reapportionment Office. The office is located at 407 Coverdell Legislative Office Building, Atlanta, Georgia, 30334. The phone number is 404.656.5063. These maps are free and only take a couple of days to receive after you order. The website is located at: www.legis.ga.gov/joint/reapportionment
- Work with your county GIS department. If your county does not have this department, work with your 911 department.
- Order your street report from GVRS. www.gvrs.sos.state.ga.us/ElectioNet/

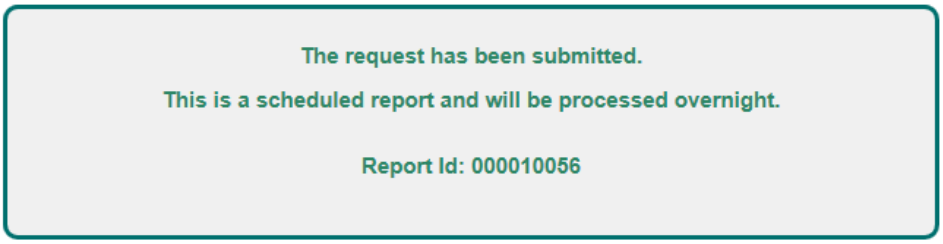
Navigate to **Reports>Public Reports>Other>Street List**

Under **Street List** you will radio (make the circle solid black) in the circle you need. To order your County Precinct Report, radio in County Precinct. To order the Municipal Precinct report, radio in the Municipal Precinct circle.

From the Precinct/Districts Drop Down Box, you can highlight the Precinct Number you want a report from.

You will highlight **ALL** of the numbers.

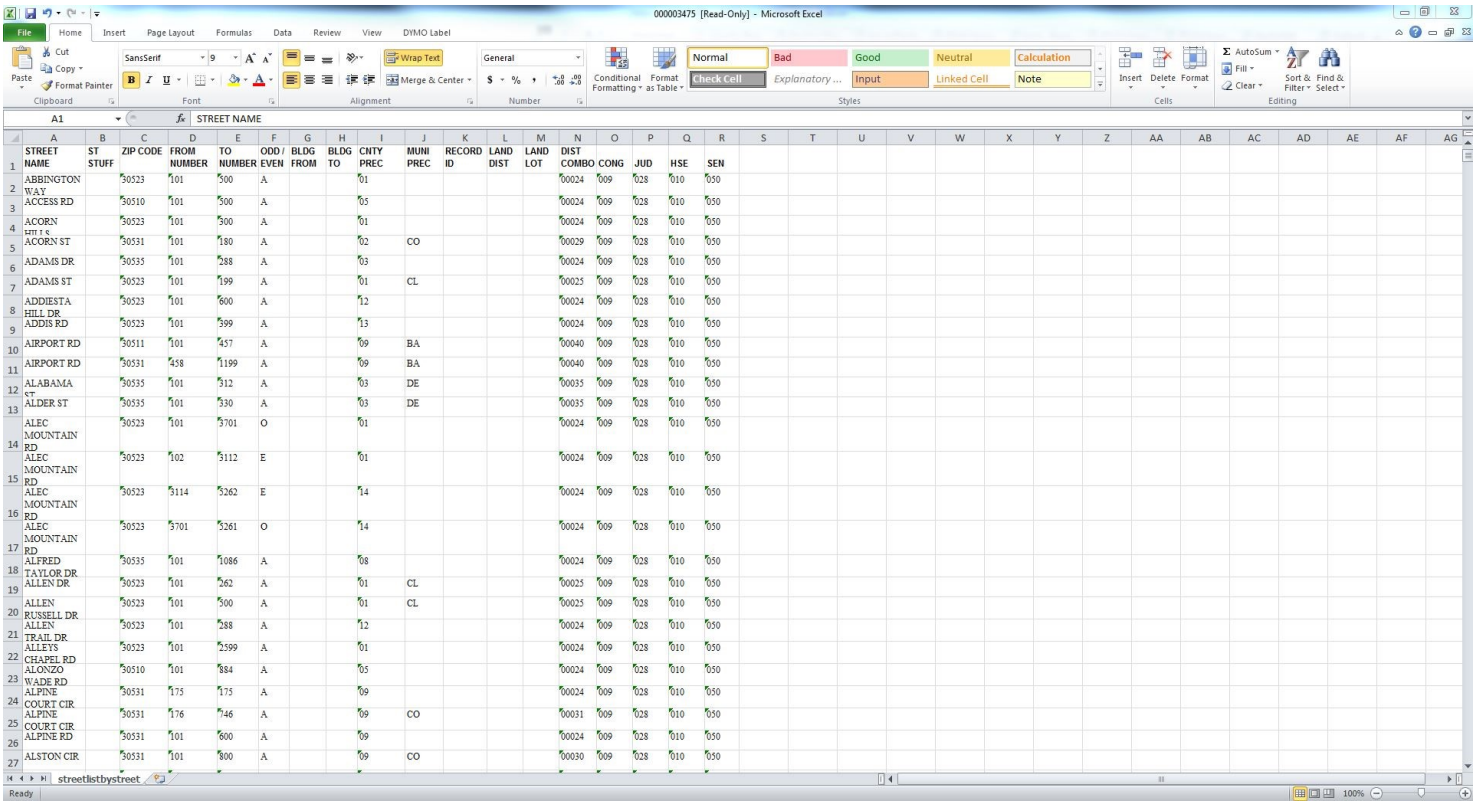
Under **Report Generation Options**– Generation Type– order both PDF and Excel. Radio in the PDF circle, click on the Submit Report button. You will receive the successful submit window.



Repeat the above steps to order the Excel version of the report.

These reports generate overnight and will be waiting for you when you return to work the next morning.

Sample view of a Street List report.

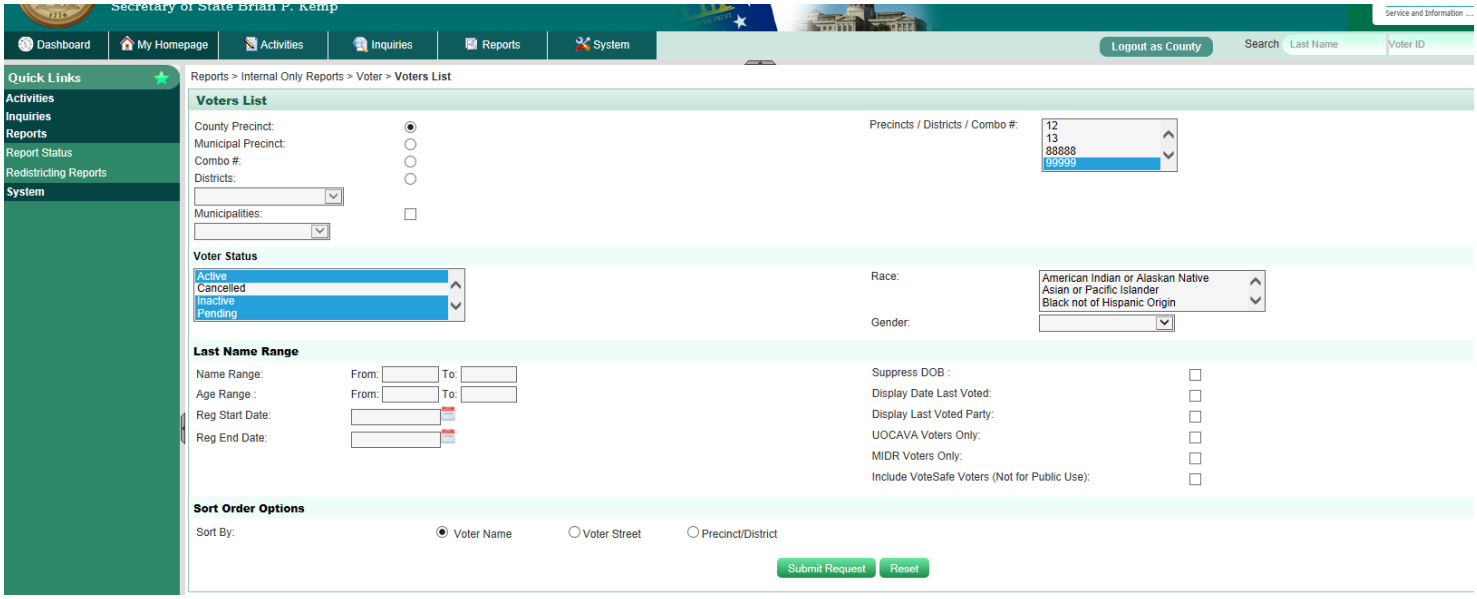


000003475 [Read-Only] - Microsoft Excel

STREET NAME	ST STUFF	ZIP CODE	FROM NUMBER	TO NUMBER	ODD / EVEN	BLDG FROM	BLDG TO	CNTY PREC	MUNI PREC	RECORD ID	LAND DIST	LAND LOT	DIST COMBO	CONG	JUD	HSE	SEN
ABBINGTON WAY		30523	101	500	A			01					00024	009	028	010	050
ACCESS RD		30510	101	500	A			05					00024	009	028	010	050
ACORN HTS		30523	101	500	A			01					00024	009	028	010	050
ACORN ST		30531	101	180	A			02	CO				00029	009	028	010	050
ADAMS DR		30535	101	288	A			03					00024	009	028	010	050
ADAMS ST		30523	101	199	A			01	CL				00025	009	028	010	050
ADDIESTA HILL DR		30523	101	600	A			12					00024	009	028	010	050
ADDIS RD		30523	101	599	A			13					00024	009	028	010	050
AIRPORT RD		30511	101	457	A			09	BA				00040	009	028	010	050
AIRPORT RD		30531	458	1199	A			09	BA				00040	009	028	010	050
ALABAMA ST		30535	101	312	A			03	DE				00035	009	028	010	050
ALDER ST		30535	101	330	A			03	DE				00035	009	028	010	050
ALEC MOUNTAIN RD		30523	101	3701	O			01					00024	009	028	010	050
ALEC MOUNTAIN RD		30523	102	3112	E			01					00024	009	028	010	050
ALEC MOUNTAIN RD		30523	3114	5262	E			14					00024	009	028	010	050
ALEC MOUNTAIN RD		30523	3701	5261	O			14					00024	009	028	010	050
ALFRED TAYLOR DR		30535	101	1086	A			08					00024	009	028	010	050
ALLEN DR		30523	101	262	A			01	CL				00025	009	028	010	050
ALLEN RUSSELL DR		30523	101	500	A			01	CL				00025	009	028	010	050
ALLEN TRAIL DR		30523	101	288	A			12					00024	009	028	010	050
ALLEYS CHAPEL RD		30523	101	2599	A			01					00024	009	028	010	050
ALONZO WADE RD		30510	101	884	A			05					00024	009	028	010	050
ALPINE COURT CIR		30531	175	175	A			09					00024	009	028	010	050
ALPINE COURT CIR		30531	176	746	A			09	CO				00031	009	028	010	050
ALPINE RD		30531	101	600	A			09					00024	009	028	010	050
ALSTON CIR		30531	101	800	A			09	CO				00030	009	028	010	050

- Order your 99999 report from GVRS. This report will show you what non-matched voters you have.

Navigate to **Reports>Internal Only Reports>Voter>Voters List**



Radio in **County Precinct.**

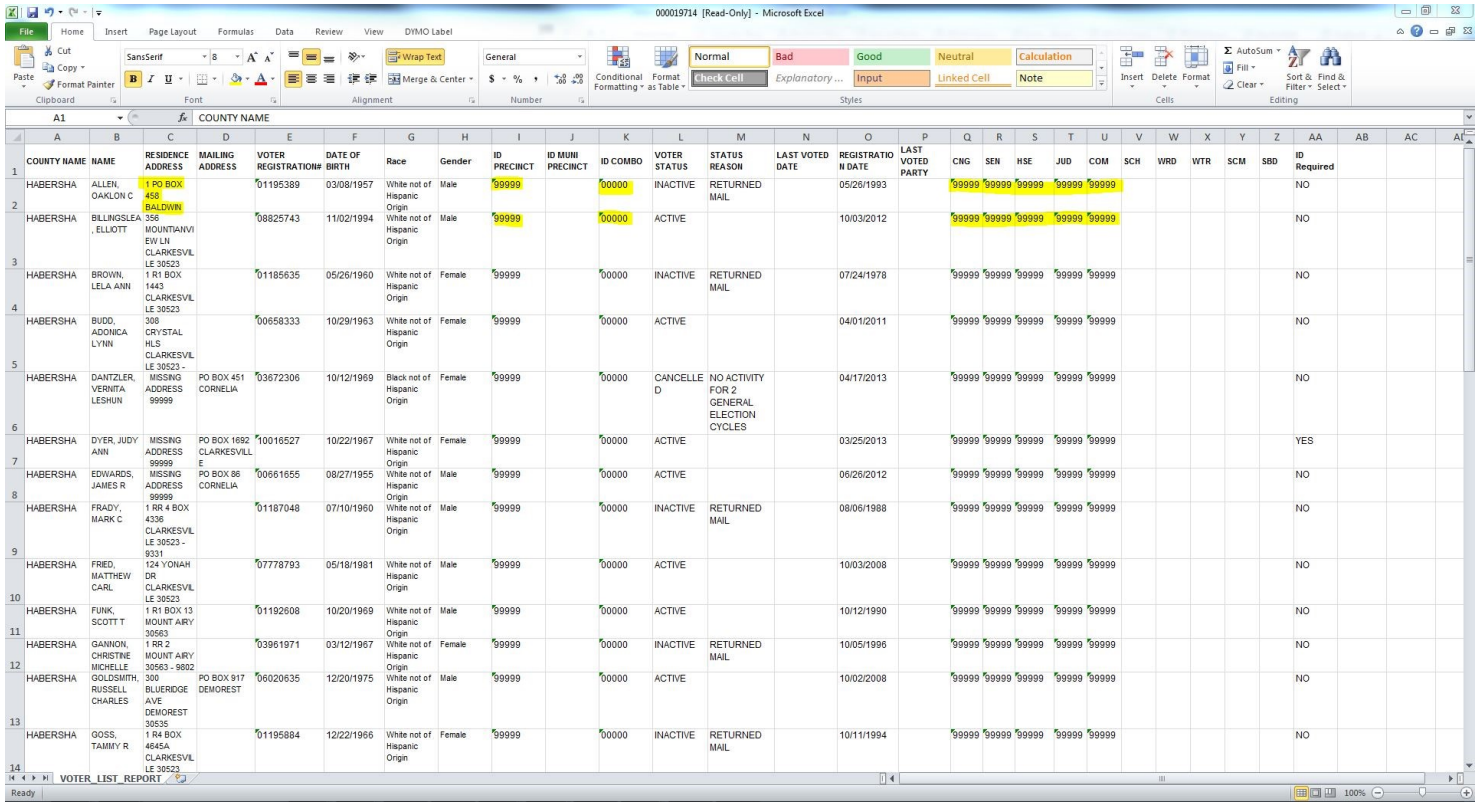
This will prepopulate the **Precincts/Districts/Combo** # dropdowns. Select 99999

Voter Status– Highlight Active, Inactive and Pending.

Sort Order Options– Select Sort by Voter Name

Click on the **Submit Request** button. This report generates overnight. It will be ready for you the next morning in an Excel file.

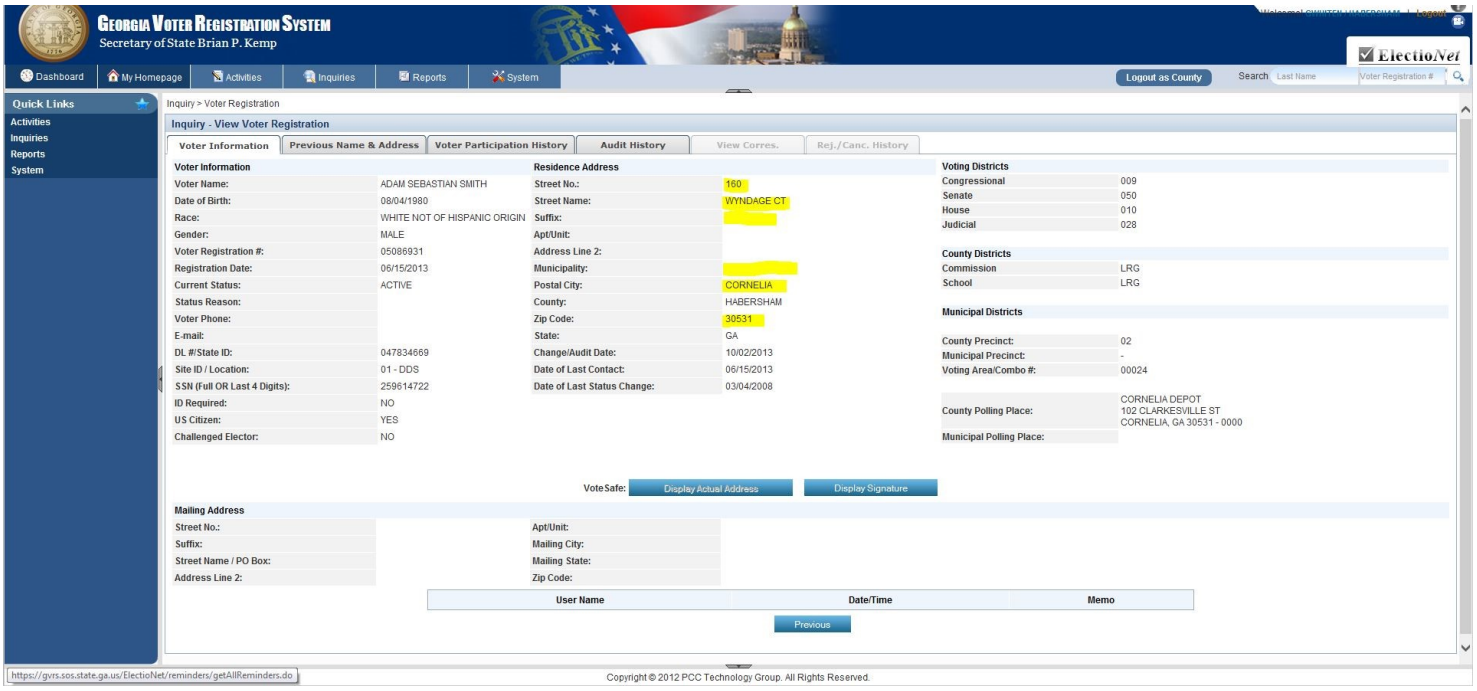
Sample View of the 99999 report.



000019714 [Read-Only] - Microsoft Excel

COUNTY NAME	NAME	RESIDENCE ADDRESS	MAILING ADDRESS	VOTER REGISTRATION#	DATE OF BIRTH	Race	Gender	ID PRECINCT	ID MUNI PRECINCT	ID COMBO	VOTER STATUS	STATUS REASON	LAST VOTED DATE	REGISTRATION DATE	LAST VOTED PARTY	CNG	SEN	HSE	JUD	COM	SCH	WRD	WTR	SCM	SBD	ID Required
HABERSHA	ALLEN, OAKLON C	1 PO BOX 458 BALDWIN		01195389	03/08/1957	White not of Hispanic Origin	Male	99999		00000	INACTIVE	RETURNED MAIL		05/26/1993		99999	99999	99999	99999	99999						NO
HABERSHA	BILLINGSLEA, ELLIOTT	356 MOUNTAINVIEW LN CLARKESVILLE 30523		08825743	11/02/1994	White not of Hispanic Origin	Male	99999		00000	ACTIVE			10/03/2012		99999	99999	99999	99999	99999						NO
HABERSHA	BROWN, LELA ANN	1 R1 BOX 1443 CLARKESVILLE 30523		01185635	05/26/1960	White not of Hispanic Origin	Female	99999		00000	INACTIVE	RETURNED MAIL		07/24/1978		99999	99999	99999	99999	99999						NO
HABERSHA	BUDD, ADONICA LYNN	308 CRYSTAL HLS CLARKESVILLE 30523 -		00658333	10/29/1963	White not of Hispanic Origin	Female	99999		00000	ACTIVE			04/01/2011		99999	99999	99999	99999	99999						NO
HABERSHA	DANTZLER, VERNITA LESHUN	MISSING ADDRESS 99999	PO BOX 451 CORNELIA	03672306	10/12/1969	Black not of Hispanic Origin	Female	99999		00000	CANCELLED	NO ACTIVITY FOR 2 GENERAL ELECTION CYCLES		04/17/2013		99999	99999	99999	99999	99999						NO
HABERSHA	DYER, JUDY ANN	MISSING ADDRESS 99999	PO BOX 1692 CLARKESVILLE	10016527	10/22/1967	White not of Hispanic Origin	Female	99999		00000	ACTIVE			03/25/2013		99999	99999	99999	99999	99999						YES
HABERSHA	EDWARDS, JAMES R	MISSING ADDRESS 99999	PO BOX 86 CORNELIA	00661655	08/27/1955	White not of Hispanic Origin	Male	99999		00000	ACTIVE			06/26/2012		99999	99999	99999	99999	99999						NO
HABERSHA	FRADY, MARK C	1 RR 4 BOX 4336 CLARKESVILLE 30523 - 9331		01187048	07/10/1960	White not of Hispanic Origin	Male	99999		00000	INACTIVE	RETURNED MAIL		08/06/1988		99999	99999	99999	99999	99999						NO
HABERSHA	FRIED, MATTHEW CARL	124 YONAH DR CLARKESVILLE 30523		07778793	05/18/1981	White not of Hispanic Origin	Male	99999		00000	ACTIVE			10/03/2008		99999	99999	99999	99999	99999						NO
HABERSHA	FUNK, SCOTT T	1 R1 BOX 13 MOUNT AIRY 30563		01192608	10/20/1969	White not of Hispanic Origin	Male	99999		00000	ACTIVE			10/12/1990		99999	99999	99999	99999	99999						NO
HABERSHA	GANNON, CHRISTINE MICHELLE	1 RR 2 MOUNT AIRY 30563 - 9802		03961971	03/12/1967	White not of Hispanic Origin	Female	99999		00000	INACTIVE	RETURNED MAIL		10/05/1996		99999	99999	99999	99999	99999						NO
HABERSHA	GOLDSMITH, RUSSELL CHARLES	300 BLUERIDGE AVE DEMOREST 30535	PO BOX 917 DEMOREST	06020635	12/20/1975	White not of Hispanic Origin	Male	99999		00000	ACTIVE			10/02/2008		99999	99999	99999	99999	99999						NO
HABERSHA	GOSS, TAMMY R	1 R4 BOX 4645A CLARKESVILLE 30523		01195884	12/22/1966	White not of Hispanic Origin	Female	99999		00000	INACTIVE	RETURNED MAIL		10/11/1994		99999	99999	99999	99999	99999						NO

These are the fields you will look at to determine a match to Voter Record Match to a Street Record in the GVRS. Navigate to **Inquiry>View Voter Registration**.

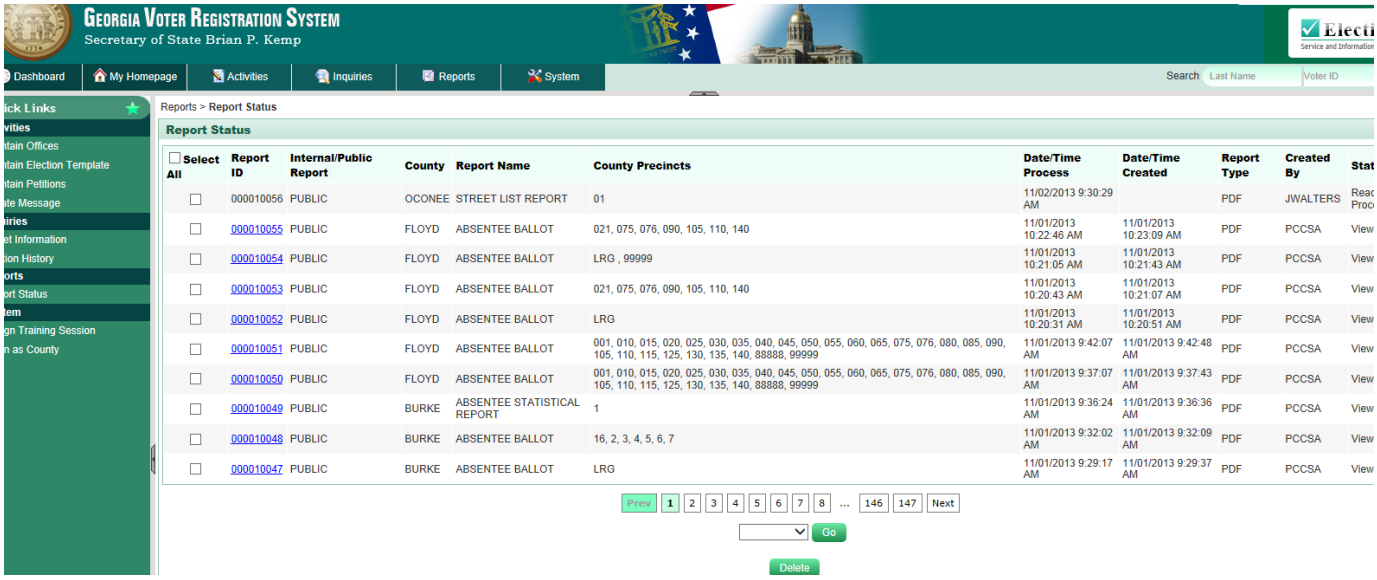


Step Two– beginning the process

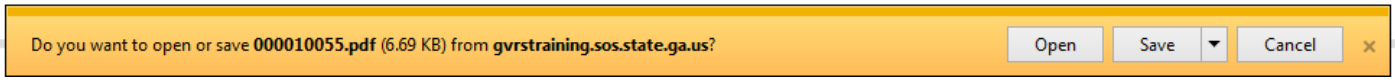
- The next day you will need to print out those reports you ordered the day before. Log on to GVRS.

Navigate to **Report>Report Status**

The reports you ordered will be on the screen. The blue font indicates the reports are ready.
Click on the blue report number and you will receive the window asking you if you want to open or save the file.



You will open and print a copy of all of the reports. You can also save each report. The reports will remain in the report tab for future reference, but you might find it easier to access them if they are on your desktop.

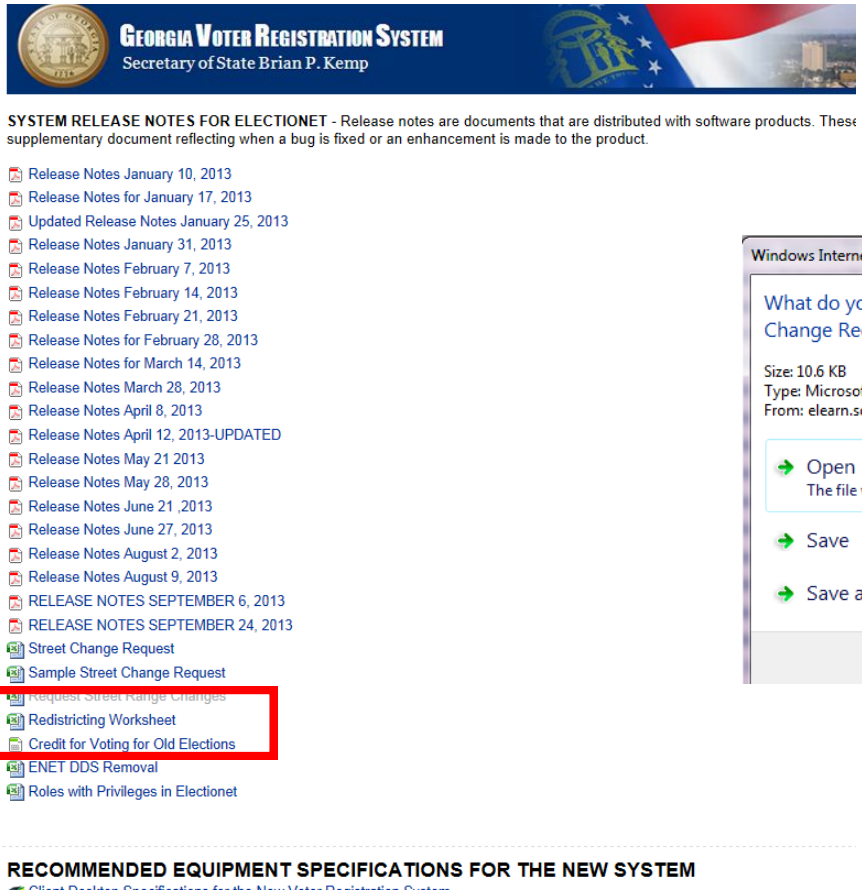


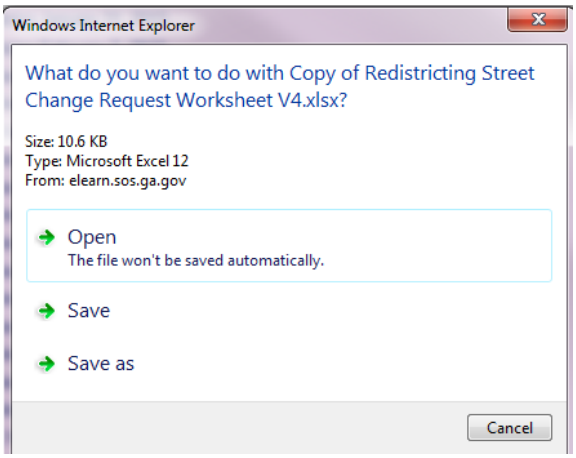
Tips and Suggestions as you begin

- **What is the best way to work?** The best practice for your office is to do this old school. Spread those maps out and look at each street on the map and make notes. Write all over the report. Some of the streets you might have to go house by house. Some you might have to actually drive to the street to confirm.
- **Does it matter what you call streets?** No, just make sure you are consistent. If you decide to use the word Street instead of St. Then use the spelling of Street on every one.
- **How should I begin?** We suggest you go through the Street List Report first. It is in ABC order. You will see the spelling or misspelling of streets names. You will see duplications and errors more easily. Then you can go by Precincts, or by ABC order, whatever workflow works for you. You just want to ensure everyone working on the re-districting in your office knows the plan and how the plan is being worked.

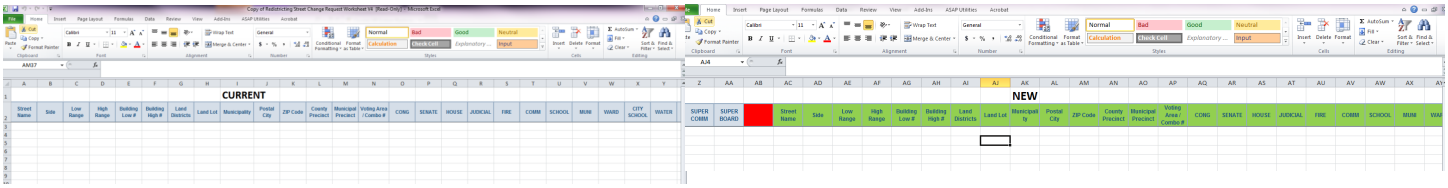
Step Three– the process

The process is recording every change you need to make on the streets. The report you printed is showing you what the streets look like **NOW** in the system. You are going to create a spreadsheet of changes you need to make. You will list anything that needs to be changed….such as misspelling to district lines being moved. We have created the spreadsheet template for you to use.





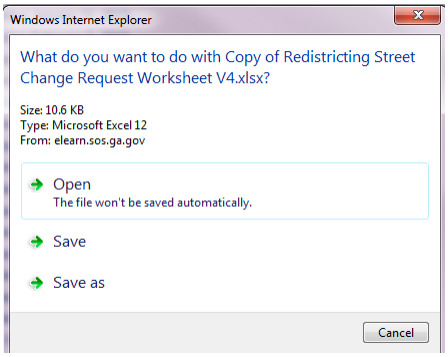
When you open the file the template is already installed for you. The left side of the spreadsheet, under blue headings is where you will list the streets as they currently are listed on the report (which is how they are listed in the system). Complete everything you know about the street that pertains to your county.



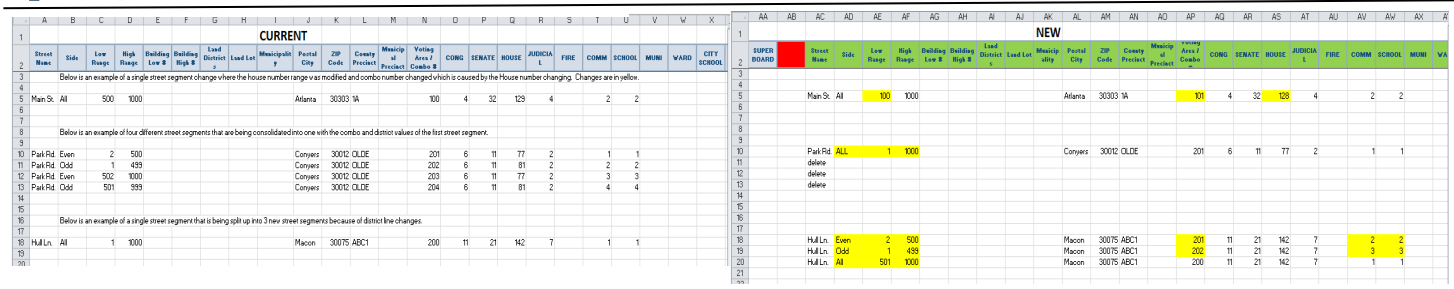
Because it is a lot of information, you might find that instead of retyping on the right side on the spreadsheet it is easier to cut/paste/change the information. To copy and paste after you have completed all you can under the light blue tabs, highlight the row, and copy and paste that information on the same line on the right hand side under the green headings, just on the other side of the red block. After you paste the information, you can then make the changes needed.

Please make sure you leave at least one blank row between each change. This makes the report so much easier to read and work.

We have created an example of changes and how you would list them on the spreadsheet. You can find the whole copy of this example on Firefly. **Only list streets that have changes on your spreadsheets**.



Step four– submitting your completed spreadsheet for review



After you have all of your street information current and what you want them to be on the spreadsheet, email that spreadsheet to your liaison at the state for review.

The state will spot check after your spreadsheet has been reviewed . You will now be 95% complete with the process. Now, you need to make the data entry system changes in GVRS.

Excel

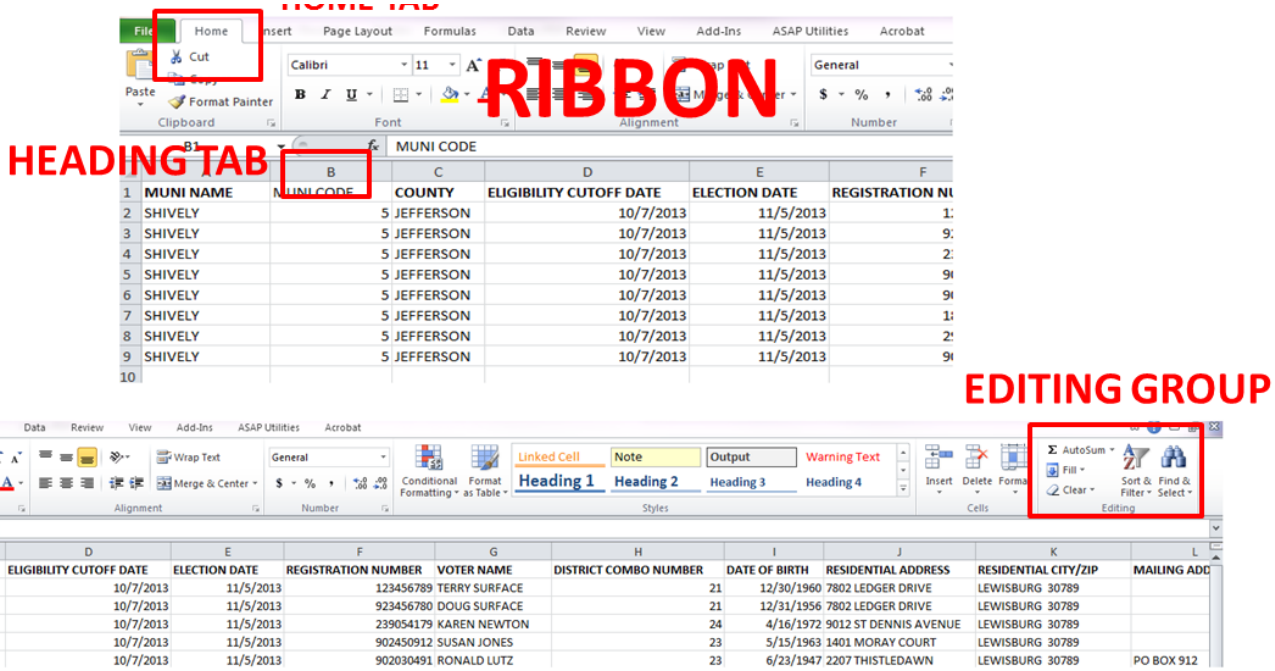
From the GVRS you can order reports in Excel spreadsheets. In Excel you can store over a million rows of data. And as great as that is, if you don't know how to find the data you are looking for within those millions of rows, then you will get very frustrated. The following steps will guide you to allow you to create the Excel report you need, these are just basic options.

To begin, you must have your list "properly formatted", meaning there is a distinct header row with some kind of formatting that sets it apart form the other rows (be it bold, underline, italics, etc.). You also cannot have

	A	B	C	D	E	F	G	H	I	
1	MUNI NAME	MUNI CODE	COUNTY	ELIGIBILITY CUTOFF DATE	ELECTION DATE	REGISTRATION NUMBER	VOTER NAME	DISTRICT COMBO NUMBER	DATE OF BIRTH	RESIDENT
2	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	123456789	TERRY SURFACE	21	12/30/1960	7802 LED
3	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	923456780	DOUG SURFACE	21	12/31/1956	7802 LED
4	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	239054179	KAREN NEWTON	24	4/16/1972	9012 ST D
5	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	902450912	SUSAN JONES	23	5/15/1963	1401 MOI
6	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	902030491	RONALD LUTZ	23	6/23/1947	2207 THIS

any blank rows or columns; however, individual blank cells are not a problem.

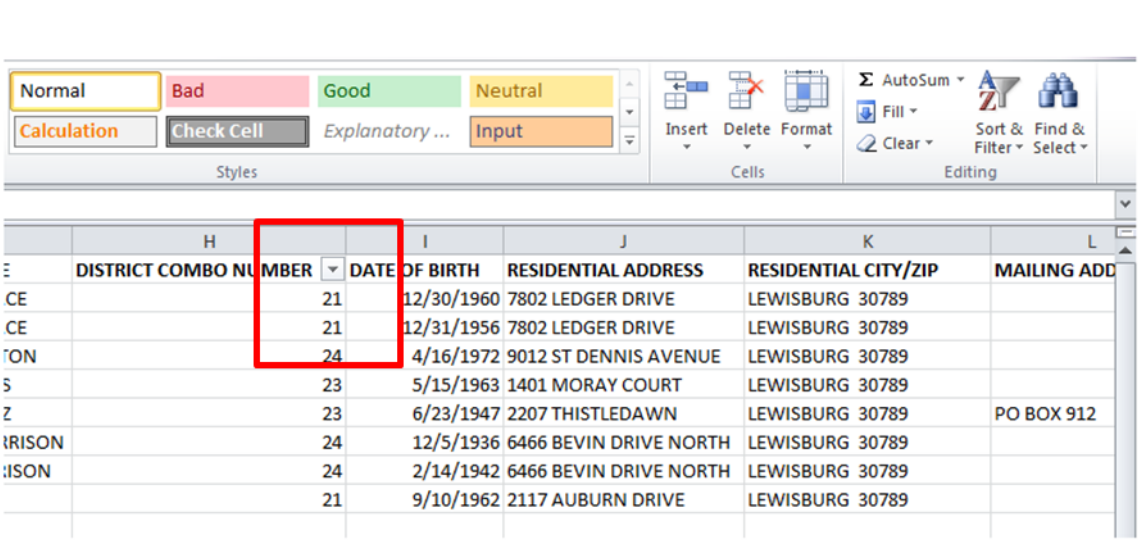
Highlight the data you want to sort. To highlight the entire column, double click on the heading tab. Select the **Home** tab, which will display the Home tab ribbon. You will find the **editing group by** selecting **Sort and Filter**. You will click on the appropriate option that matches your preferred sort. For example, if your data is text, select either "Sort A to Z" or "Sort Z to A." If your data consists of numbers, select "Sort Smallest to Largest" or "Sort Largest to Smallest". The sort will occur upon clicking this command.



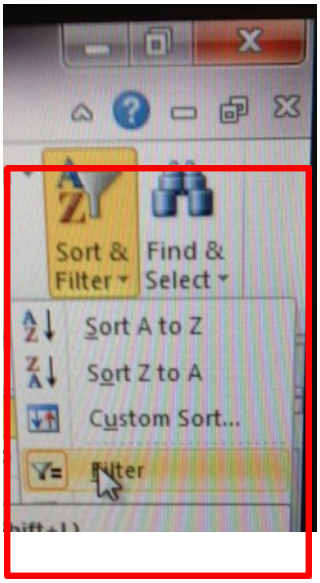
Let's say you want to get a little more specific with your criteria and identify all the voters in a certain District Combo Number.

This is where **AutoFilter** can help you. AutoFilter allows you to hide data based on specific criteria within each column.

- First select/highlight any cell with your list. (for this sample we are selecting District Combo Number 21)
- On the **Home** tab in the ribbon, in the **Editing** group, click on the icon labeled Sort and Filter to open the **Sort and Filter** options menu. From the Sort and Filter drop –down menu, select **Filter**.

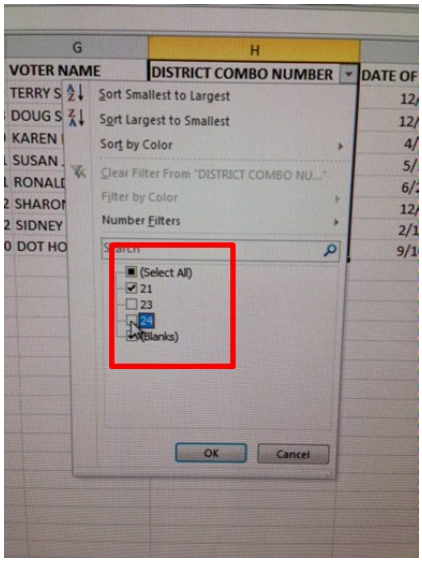


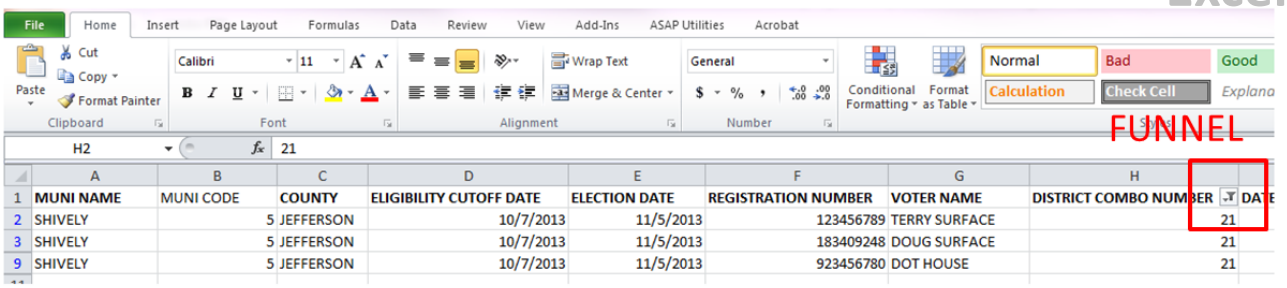
	H	I	J	K	L
	DISTRICT COMBO NUMBER	DATE OF BIRTH	RESIDENTIAL ADDRESS	RESIDENTIAL CITY/ZIP	MAILING ADD
CE	21	12/30/1960	7802 LEDGER DRIVE	LEWISBURG 30789	
CE	21	12/31/1956	7802 LEDGER DRIVE	LEWISBURG 30789	
TON	24	4/16/1972	9012 ST DENNIS AVENUE	LEWISBURG 30789	
S	23	5/15/1963	1401 MORAY COURT	LEWISBURG 30789	
Z	23	6/23/1947	2207 THISTLEDAWN	LEWISBURG 30789	PO BOX 912
RRISON	24	12/5/1936	6466 BEVIN DRIVE NORTH	LEWISBURG 30789	
ISON	24	2/14/1942	6466 BEVIN DRIVE NORTH	LEWISBURG 30789	
	21	9/10/1962	2117 AUBURN DRIVE	LEWISBURG 30789	



- You will notice little tiny arrows to the right of your column header of the cell you selected.

Click on the **arrow**. That will open a Sorting and Filtering options menu.
In the bottom of the Sorting and Filtering options menu you will see a list of your unique data within that column. Next to that data, you will see a series of check boxes. These check boxes allow you to select which data is viewable. By default, all data is checked. To view only voters in District Combo Number 21, you will only have that check box checked.
A faster way is to first uncheck the (Select All) box, which will uncheck all options. Then you can simply check the 21 box.
Click **OK** to apply the filter.





	A	B	C	D	E	F	G	H
1	MUNI NAME	MUNI CODE	COUNTY	ELIGIBILITY CUTOFF DATE	ELECTION DATE	REGISTRATION NUMBER	VOTER NAME	DISTRICT COMBO NUMBER
2	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	123456789	TERRY SURFACE	21
3	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	183409248	DOUG SURFACE	21
9	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	923456780	DOT HOUSE	21

What you will notice about your filtered list.

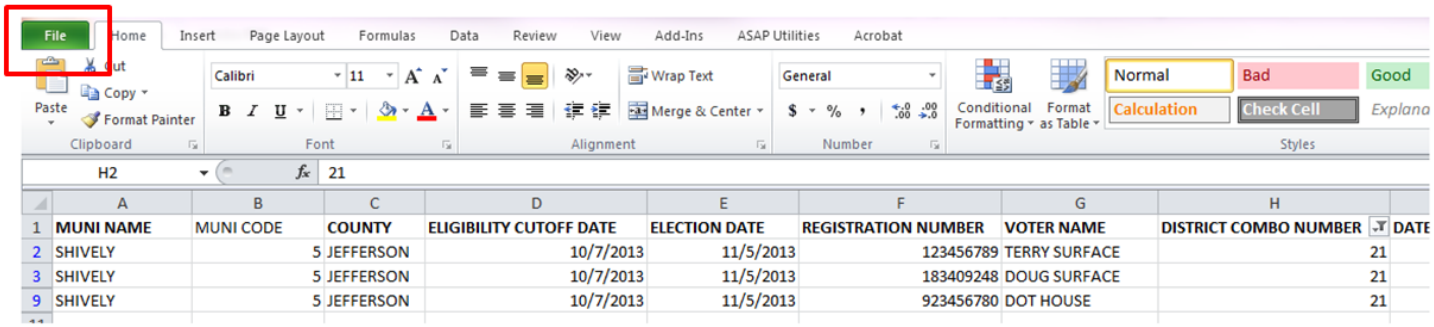
•You are now viewing only those voters in District Combo Number 21.

•The row of numbers to the far left have turned blue. This is Excel's way of telling you that your list has been filtered. Also notice the row numbers are no longer sequential. This is because Excel is hiding those rows from view. So, don't worry, you have not lost or deleted the other data; it is just hidden from view.

•You will also notice that the arrow in the District Combo Number column now has a funnel symbol next to it. This is to let you know that a filter is in place in this column. You are not limited to filter by only one criteria. By checking additional boxes within a column you can see additional rows of data. Or if you want to further limit your search results, you can filter by additional columns as well.

Do you want to **save** this filtered list? Do you want to **print** this filtered list? If so, you will Save and Print like any other list.

Click on **File**, located on the top left.

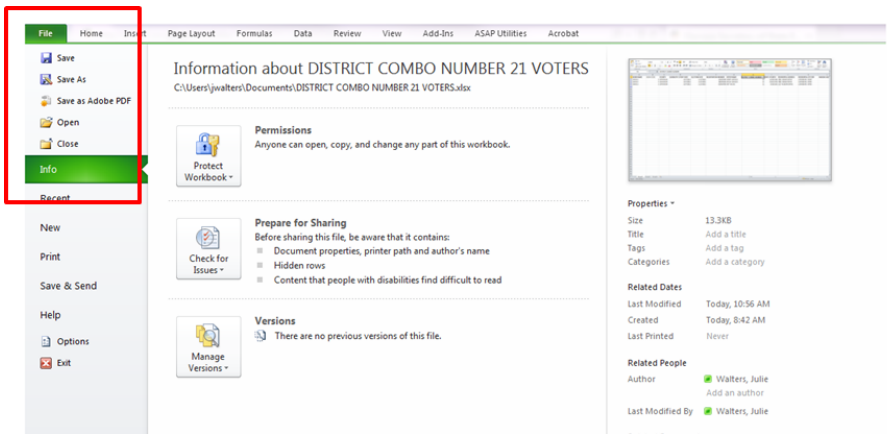


	A	B	C	D	E	F	G	H
1	MUNI NAME	MUNI CODE	COUNTY	ELIGIBILITY CUTOFF DATE	ELECTION DATE	REGISTRATION NUMBER	VOTER NAME	DISTRICT COMBO NUMBER
2	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	123456789	TERRY SURFACE	21
3	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	183409248	DOUG SURFACE	21
9	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	923456780	DOT HOUSE	21

This will take you to your options page.

To Save, click on **Save As** and then give the file a Name, choose the type (Excel or PDF) and location you wish to save it on your computer.

To print, click on **Prin**t and select number of copies, printer, etc.

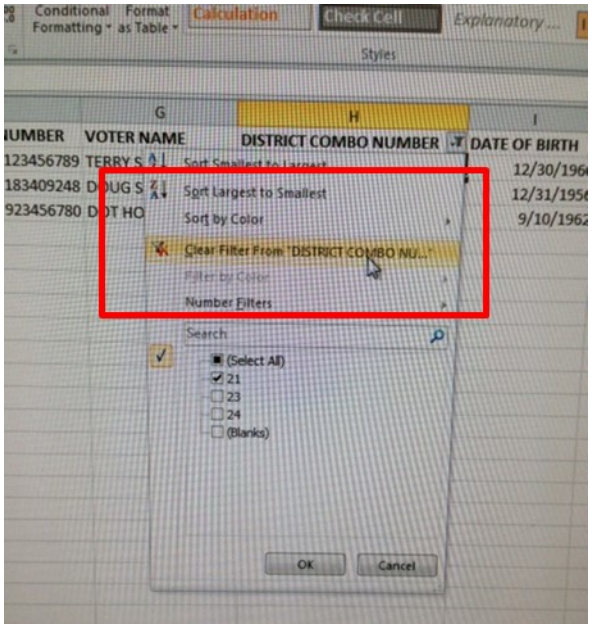


You have your list filtered and now you want to see ALL of the voters once again. For that, you will need to clear any filters you have in place.
To **Clear a Filter**:

- **Click** on the funnel icon in the header column that has been filtered.

•If a filter is in place you should see an option "Clear Filter from DISTRICT COMBO NUMBER".

• **Click** on this option to clear that column's filter. To clear multiple column filters at once, you can also go back to the Sort and Filter menu on your ribbon and select "Clear".



Word Problems Word Problems

Don't be scared, you are not back in high school math with

a train leaving the station at 2pm.

What work is Street Maintenance and what work requires you to enter the Redistricting Module?

1

Currently the street range on Mulberry Street is 50 –300. Side listed as All, Postal City as Bardstown, Zip Code as 30456, County Precinct 12C, Voting Area/Combo # 11, CONG 6, SENATE 4, HOUSE 167, JUDICIAL 99, FIRE 45 and SCHOOL 67, MUNI Bardstown and WATER 23. You need to expand that street range to be 1-600. The range is the only thing changing.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter the Redistricting Module?

2

Currently the street range on Zorn Avenue is 1-9999. Side listed as All, Postal City as Cedartown, Zip Code as 30467, County Precinct 12D, Voting Area/Combo # 88, CONG 8, SENATE 5, HOUSE 134, JUDICIAL 77, FIRE 54 and SCHOOL 3, and WATER 16. You need to decrease that street range to be 1-500.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter the Redistricting Module?

3

You currently have Moray Road– the whole street evenly divided, the district lines go straight down the middle.

ONE SIDE- Moray Road, with a range of 1-499, Side listed as Odd, Postal City as Shively, Zip Code as 93026, County Precinct 12A, Voting Area/Combo # 9, CONG 2, SENATE 4, HOUSE 111, JUDICIAL 7, FIRE 2, COMM 34, SCHOOL 34, WARD 5, WATER 9.

OTHER SIDE- Moray Road, with a range of 2-500, Side listed as Even, Postal City as Shively, Zip Code as 93026, County Precinct 12A, Voting Area/Combo # 10, CONG 2, SENATE 4, HOUSE 111, JUDICIAL 7, FIRE 6, COMM 33, SCHOOL 36, WARD 8, WATER 9.

After redistricting the new map shows the entire street is in Voting Area/Combo #9 and Precinct 12A, that dividing line gone. Now everyone is consolidated into one district.

New is Moray Road, Range 1-500, Side listed as All, Postal City as Shively, Zip Code as 93026, County Precinct 12A, Voting Area/ Combo # 9, CONG 2, SENATE 4, HOUSE 111, JUDICIAL 7, FIRE 2, COMM 34, SCHOOL 34, WARD 5, WATER 9.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter Redistricting Module?

Word Problems

4

Your street reports shows you have Main Street listed as Main St. and Main Street and Main Str. And Mane Street and Mane St. You have voters associated with every spelling. Your 911 book shows the correct spelling is Main Street.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter the Redistricting Module?

5

You currently have that street as Elm Street, with a range of 1-1000, Side listed as All, Postal City as Louisville, Zip Code as 30912, County Precinct 11B, Voting Area/Combo # 5, CONG 4, SENATE 6, HOUSE 122, JUDICIAL 8, FIRE 51 and SCHOOL 7. The new District map shows the FIRE line splits the Elm Street in half, right down the middle of the street.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter the Redistricting Module?

6

Word Problems

You currently have an apartment complex, address listed as 1300 Skyline Parkway with 12 buildings. 1-12. With a range of 1-2000, Side listed as All, Postal City as Chapel Hill, Zip Code as 76345, County Precinct 345D, Voting Area/Combo # 14, CONG 7, SENATE 9, HOUSE 423, JUDICIAL 5, FIRE 45, SCHOOL 7 and WATER 34.

The new map shows the district line going through the apartment buildings. You need to make sure that each building of the complex is in the correct district.

This is how the line divides the complex.

ONE SIDE- 1300 Skyline Parkway with 6 buildings— 1-6. With a range of 1300, Side listed even, Building High 6, Building Low 1, Postal City as Chapel Hill, Zip Code as 76345, County Precinct 344D, Voting Area/Combo # 15, CONG 7, SENATE 9, HOUSE 423, JUDICIAL 5, FIRE 45, SCHOOL 8 and WATER 32.

OTHER SIDE- 1300 Skyline Parkway with 6 buildings—7-12. With a range of 1300, Side listed even, Building High 12, Building Low 7, Postal City as Chapel Hill, Zip Code as 76345, County Precinct 345D, Voting Area/Combo # 16, CONG 7, SENATE 9, HOUSE 423, JUDICIAL 5, FIRE 45, SCHOOL 5 and WATER 37.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter the Redistricting Module?

Word Problems

7

You currently one only one house for Thistledown Street, With a range of 1, Side listed as All, Postal City as Prospect, Zip Code as 35367, County Precinct 22C, Voting Area/Combo # 11, CONG 6, SENATE 8, HOUSE 934, JUDICIAL 9, FIRE 52, SCHOOL 8 and WATER 11.

How do you list this on the spreadsheet?

Is this Street Maintenance or will you need to enter the Redistricting Module?

Street Maintenance

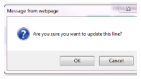
Some street Maintenance in GVRS can be accomplished when you are NOT in the redistricting module. These changes will be immediate, you do not have to wait for the overnight process.

To Add Streets

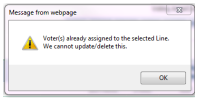
The existing streets can be viewed by selecting the Existing Street radio button and clicking on the Street Name drop –down list. Use this option to search for the street name in the existing street list; to be sure it does not already exist.

Navigate to **Activities> County Data> Maintain Street**

- If the street is not found, select the **New Street** radio button.
- Enter the **Street name**, Street Type, Side, Low Range and High Range.
- **Ranges** will be defined to contain Even, Odd, or All street numbers for each segment. Even ranges must begin and end with even numbers, and odd ranges must begin and end with odd numbers.
- Building Low #, Building High #, Land Districts and Land Lots are all optional fields. Land Districts and Land Lots are for information purposed only and do not affect districting.
- If the street is located inside a Municipality, click the check box labeled **In Municipality** next to the Municipality drop down list. A dialog box will display, click OK and then select the Municipality through the Municipality drop down list.
- Select **Postal City** from the drop down list.
- Enter the **Zip code**.
- Select **County Precinct** from the drop down list. The screen will refresh and the associated Voting Area/ Combo #'s will populate in the drop down list.
- Select **Voting Area/Combo Number** from the drop down list.
- If applicable, select **Municipal Precinct** from the drop down list.
- Click the **Update** button. You will receive the window asking you if you are sure you want to update.

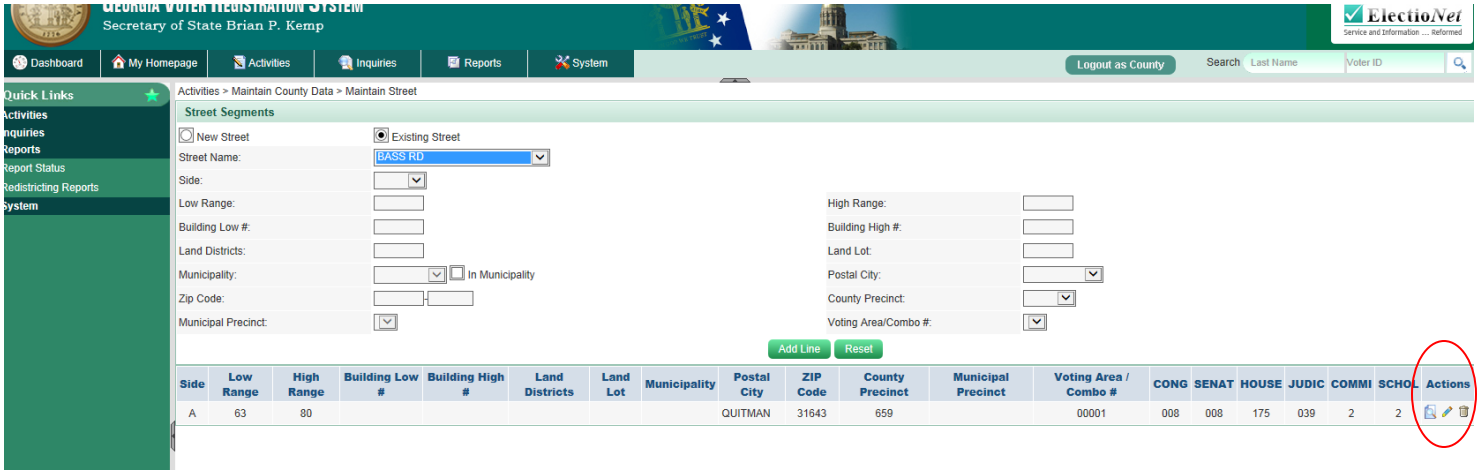


- Click **OK.**
- The information for the new street will display in the grid on the screen. Districts are assigned to voters based on the street selected and the information entered in the street library. If a voter is already assigned to that street, the system will not let you update the line. You will receive this window and have to do the update in redistricting.

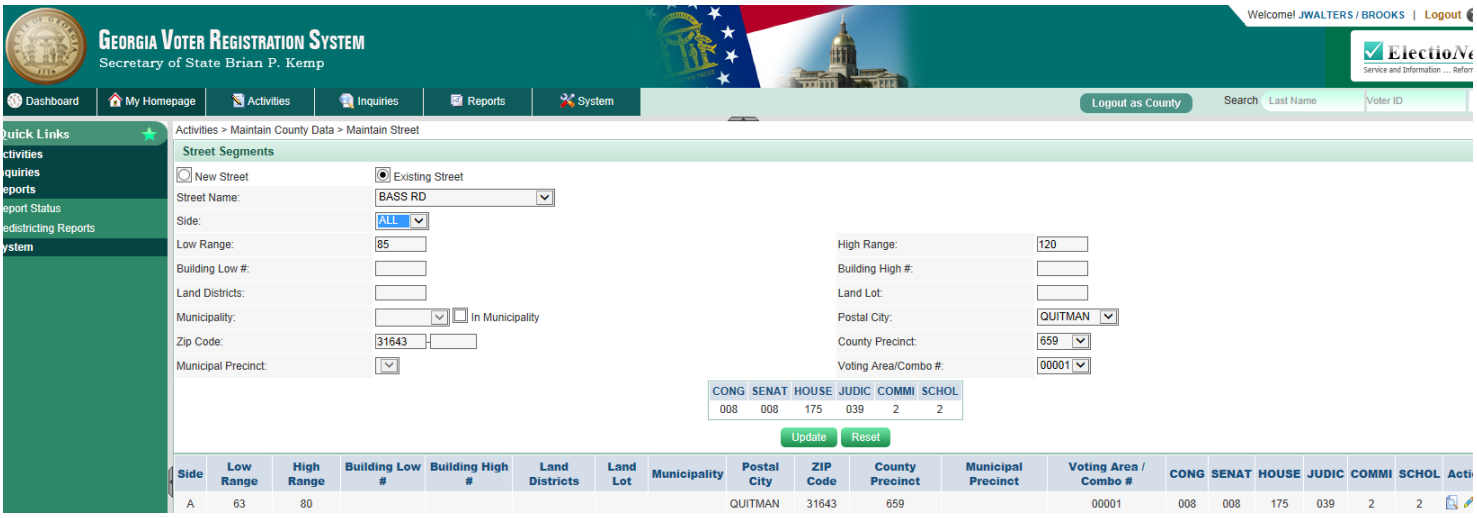


To Edit Streets

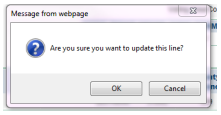
Navigate to **Activities County Data>Maintain Street**



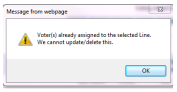
- Select the Existing Street radio button.
- Select the street from the **Street Name** drop down list.
- The street information will be displayed in a grid at the bottom of the screen.
- On the street grid, select a line to modify by clicking on the icon on the respective line, under the section labeled **Actions.** This will display the selected street information in edit mode.



- Fields will pre populate. Make any necessary changes that can be made-extending street range- to the street information in the fields.
- Click on the **Update** button. You will receive the window asking you if you are sure you want to update.



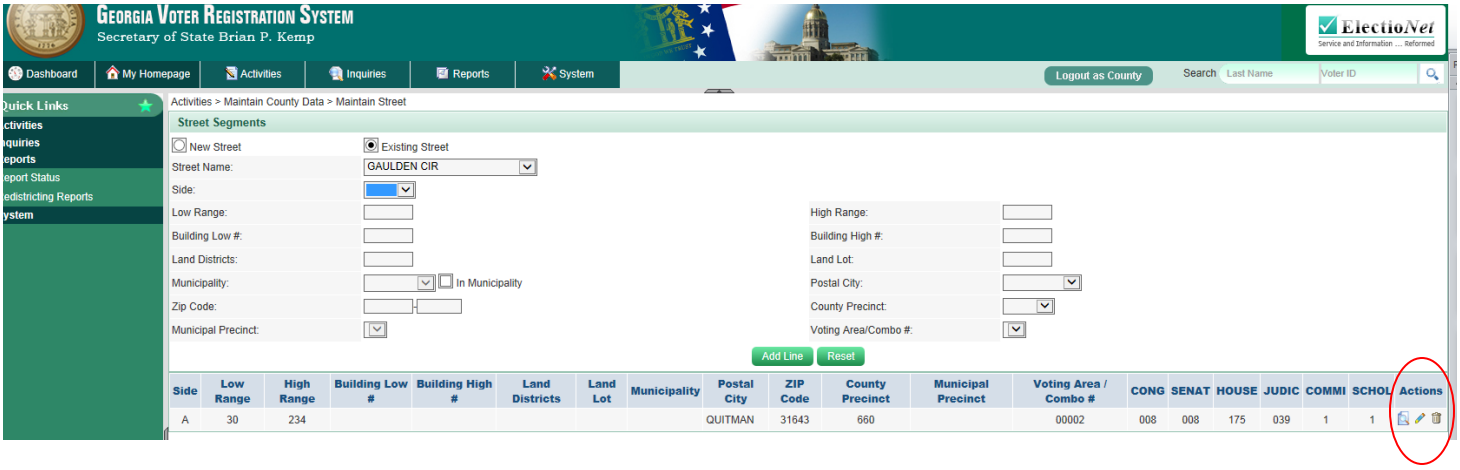
- Click **OK.**
- The updated information will be displayed in the grid at the bottom of the screen. If a voter is already assigned to that street range, the system will not let you update the line. You will receive this window and have to do the update in the redistricting module.



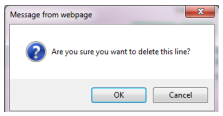
To Delete Streets

Note: A street CANNOT be deleted if voters are currently registered on it.

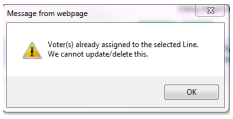
Navigate to **Activities County Data>Maintain Street**



- Select the **Existing Street** radio button.
- Select the street through the Street Name drop down list.
- Select a line to delete by clicking on the icon on the respective line, under the section labeled **Actions**.
- The system will display a confirmation message to delete the line.



- Click **Ok.**
- If a voter is already assigned to that street, the system will not let you update the line. You will receive this window and have to delete the street in the redistricting module.

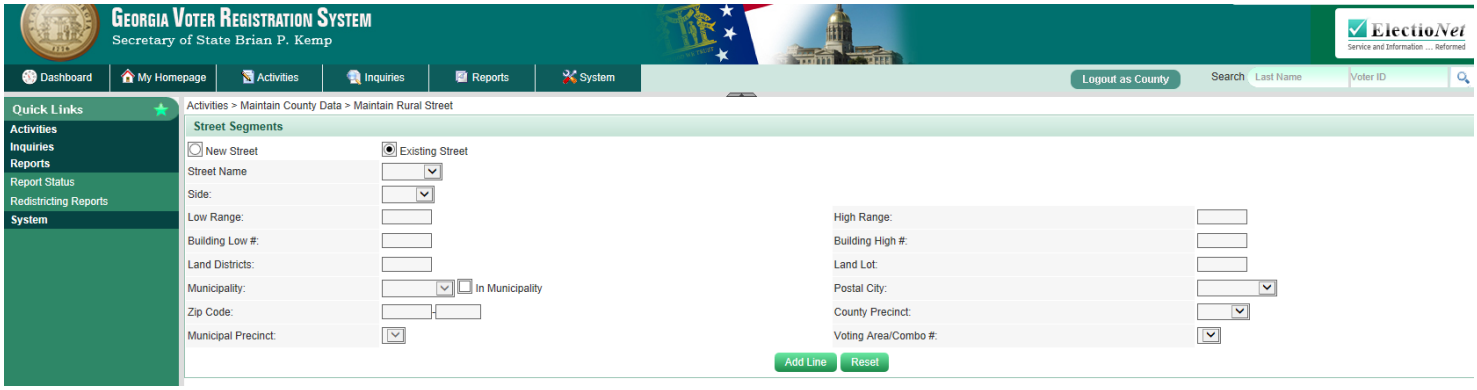


Maintain Rural Streets

Rural streets do not have low and high ranges used to define the street range. Rural streets are maintained the same way as non-rural streets, except that the low and high ranges will not be required when adding a rural street. A rural street does not require a street type, so you can name a street Rural Route 1 or Highway 218. When a voter resides on a rural street, the Rural Address Flag check box is checked (on the Voter Registration screen). The system will not require the voter's address to include a street number.

NOTE: A rural street is also added, edited, and deleted the same way non-rural streets are added, edited and/or deleted. The only exception is that the functions are completed through the Maintain Rural Street Screen. Also like non-rural streets, a rural street CANNOT be deleted if voters are currently registered on it.

Navigate to **Activities >Maintain County Data>Maintain Rural Street**



- The maintain Rural Street screen is displayed.
- From this screen you may :

  View existing rural street

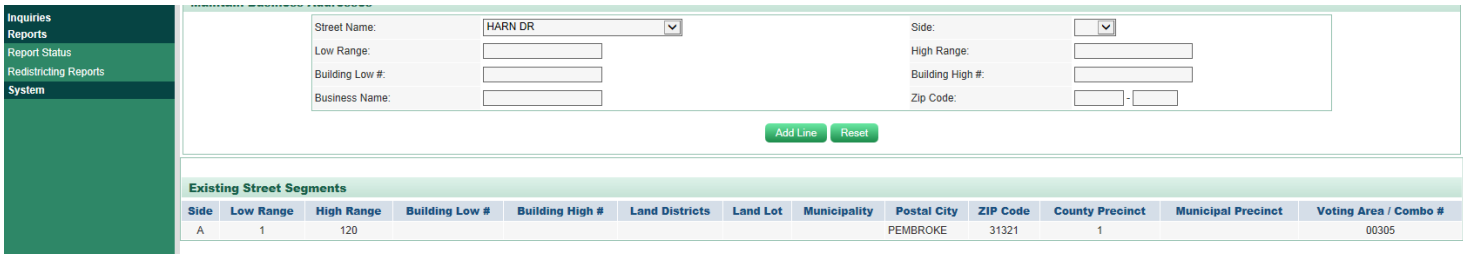
  View voters on existing rural streets

  Add, Edit, and/or delete a rural street

Maintaining Business Addresses

Business Addresses may be created to designate specific street ranges as being used for commercial purposes only. This prohibits those street numbers from being used as residential addresses when processing voter registrations.

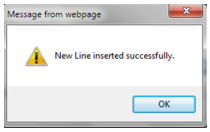
Navigate to **Activities County Data>Maintain Business Address**



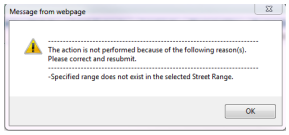
- The Maintain Business Addresses screen will be displayed.
- Select the **street name** through the Street Name drop down list.
- The street information will be displayed in a grid at the bottom of the screen.
- If any business addresses have been added to the selected street they will be displayed in a separate grid on the screen.

Add Business Addresses

- Select the **Side.**
- Enter the **Low Range**.
- Enter the **High Range**.
- Enter the **Building Low #** and **Building High #** (if applicable).
- Enter the **Business Name**.
- Enter the **Zipcode.**
- Click the **Add Line** button.
- A confirmation message will display that the new line was inserted successfully.



- Click **OK.**
- The information entered for the Business Address will be displayed in the grid on the screen.
- If you receive the Action is Not Performed window, it will tell you why. If the reason is your specified range does not exist in the selected street range, then you must go into Maintain Streets and alter the range.



To Edit Business Address

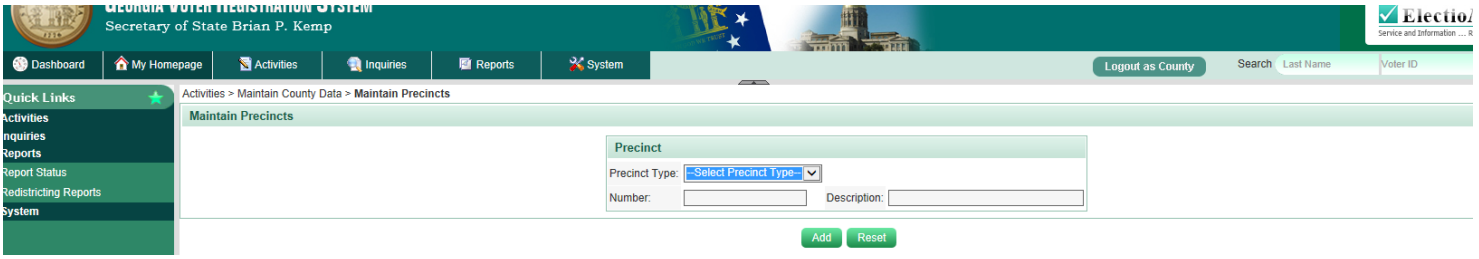
- Select the street name through the **Street Name** drop down list.
- Select a line to modify by clicking on the 🖉 icon which displays the selected information in the Edit mode.
- Make any necessary changes and click the Update button.
- The information is updated and displayed in the grid.

To Delete Business Addresses

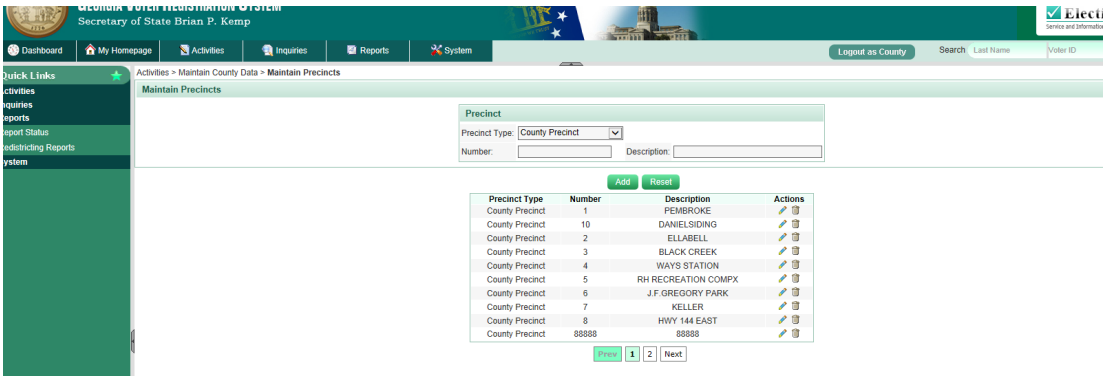
- Select a line to delete by clicking on the 🗑 icon on the respective line.
- The system will display a confirmation message to delete the information.
- Click OK.
- On confirmation, a message will display - street segment deleted successfully.

Maintaining Precincts

Navigate to **Activities County Data>Maintain Precincts**



- The Maintain Precincts screen is displayed.
- Select the precinct type from the **Precinct Type** drop down list.
- The system will refresh with the existing precincts displayed in a grid on the screen.

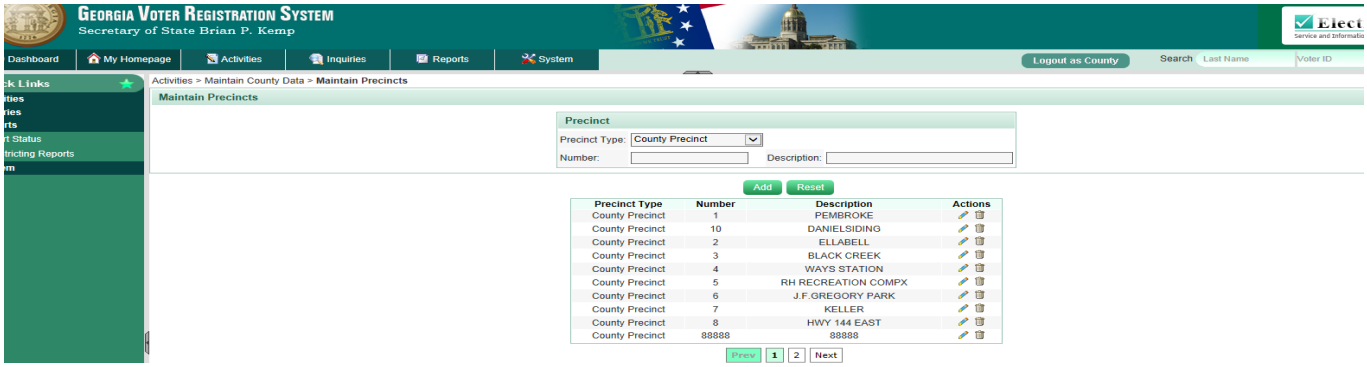


To Add Precincts

- Enter the **Number** and **Descriptions.**
- Click the **Add** button.
- A confirmation message will be displayed.
- Click **OK**.
- A message will display.—Precinct added successfully . The precinct will be added and displayed in the grid with existing precincts.

To Edit a Precinct

Note– Changes to existing Precincts with voters associated will need to be done in Redistricting.



- Select the precinct type from the **Precinct Type** drop down list.
- The system will refresh with the existing precincts will be displayed in a grid on the screen.
- Select a line to modify by clicking on the icon which displays the selected information in Edit mode.
- Make any necessary changes and click the **Update** button.
- The information is updated and displayed in the grid.

To Delete Precincts

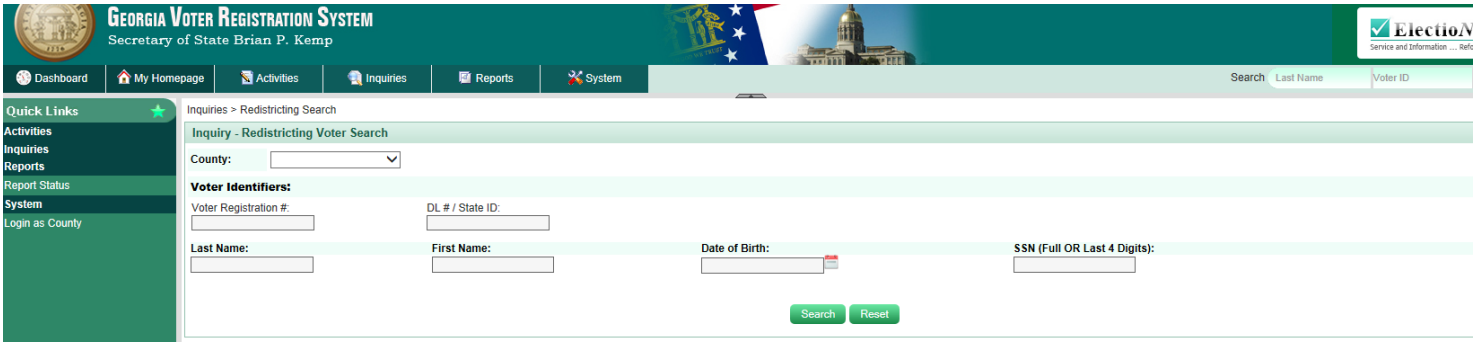
Note– A precinct cannot be deleted if voters are currently registered in that precinct.

- Select the Precinct Type from the **Precinct Type** drop down list.
- The system will refresh with the existing Precincts displayed in a grid on the screen.
- Select a precinct to delete by clicking on the icon on the respective line.
- The system will display a confirmation message to delete the information.
- Click **OK**.
- A message is displayed that the Precinct was successfully deleted.

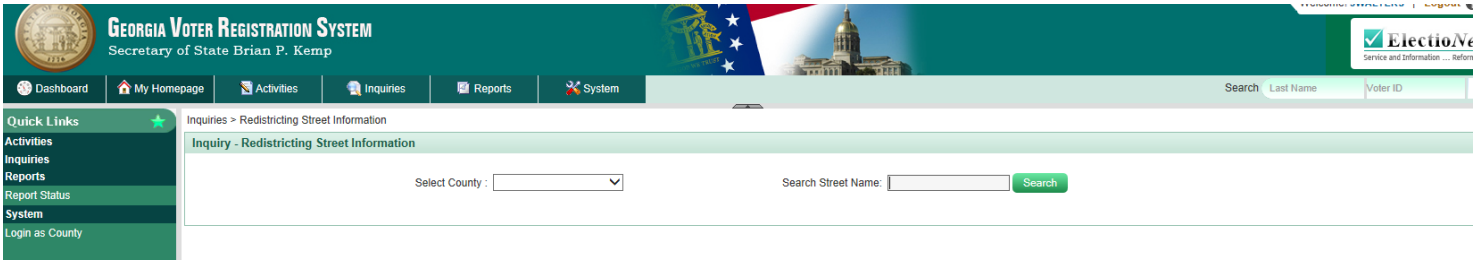
HELPFUL TIPS WHEN USING THE GVRS

HELPFUL TIPS

- Holding down the CONTROL key when you click a link opens a new tab in your browser.
- Holding down the SHIFT key when you click a link opens a new window.
- If while you are in the redistricting process and you need to look up a voter or a street, you can not edit the information but you can view this information by navigating to **Inquiries>Redistricting Search Voter.**

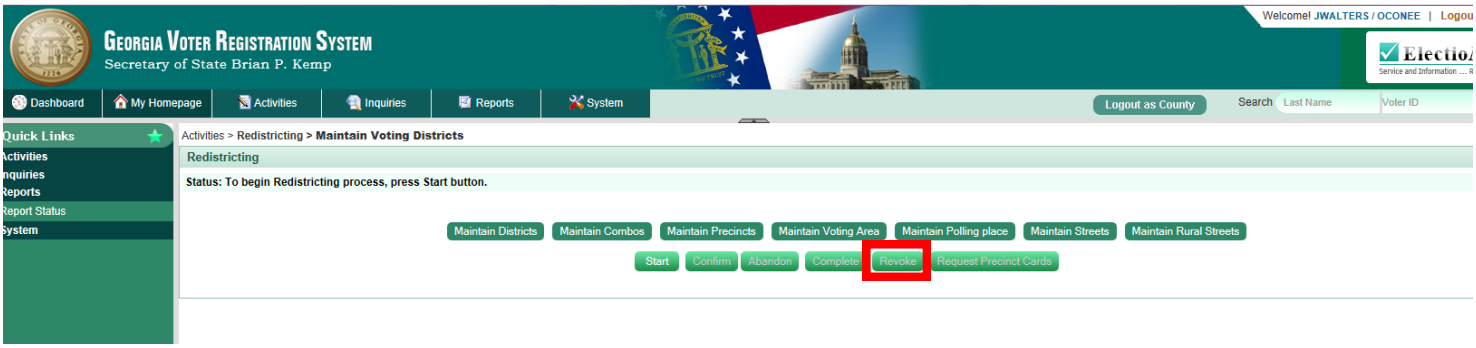


Or by navigating to **Inquiries >Redistricting Street Information.**



Want to suspend the redistricting process and do some maintenance?

Navigate to **Activities >Redistricting >Maintain Voting Districts**



Revoke Button– By clicking the Revoke button you unlock the system so you can do more maintenance. You are not loosing the work you have done. When you click Revoke you can instantly go to work, you do not have to wait overnight.

You will work the top row of buttons left to right.

You can only access the bottom row of buttons when they are white text. Grey text locks you out.

AT A GLANCE

Start button– This tells the system you want to enter redistricting. It is an over overnight process. Click start and go home for the day.

Confirm button– When you click on Confirm it saves all of your work, confirms the changes and tells the GVRS system you are done for that day. When you click confirm, it is an overnight process for all of the changes to be applied.

Abandon button– You only want to click on Abandon if you want to *100% fully no turning back* end working on your redistricting. It undoes ALL work you have previously confirmed. It saves nothing and starts you completely over in redistricting. It abandons the whole project. This button should be a doomsday flashing red one….ONLY press it if someone at the state has told you to abandon.

Complete button– You have entered all the changes, your reports show that all of your streets are correct. Clicking the Complete button tells the system you have completed all the changes.

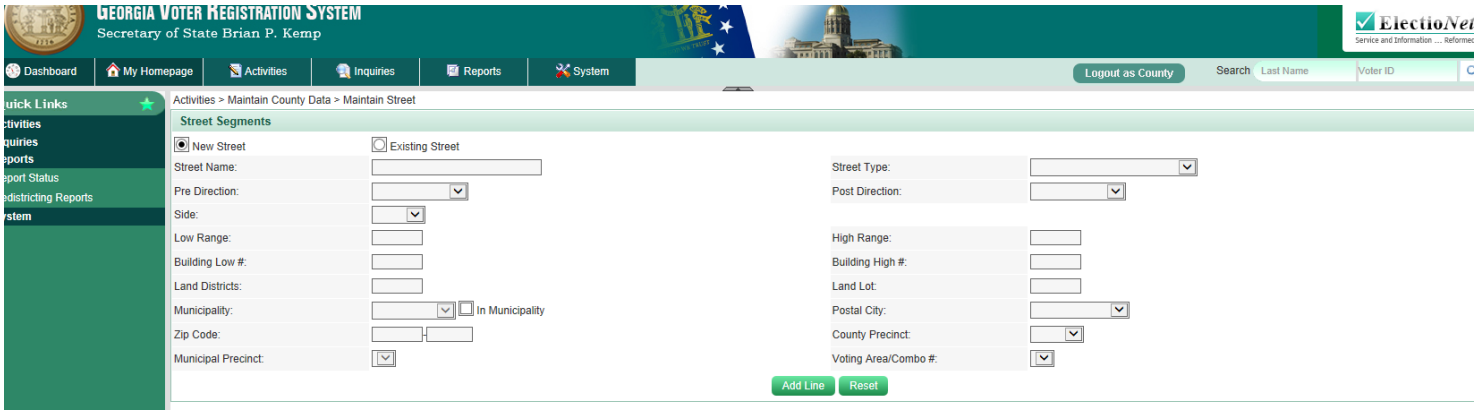
Revoke Button– By clicking the Revoke button you unlock the system so you can do more maintenance. You are not loosing the work you have done. When you click Revoke you can instantly go to work, you do not have to wait overnight.

Request Precinct Cards- Click the Request Precinct Cards button. When you click this you are telling the system to END the whole redistricting cycle. This function only ENDS the redistricting module, you will need to submit a request to your liaison to order your precinct cards.

There are 3 locations that you can change street information.

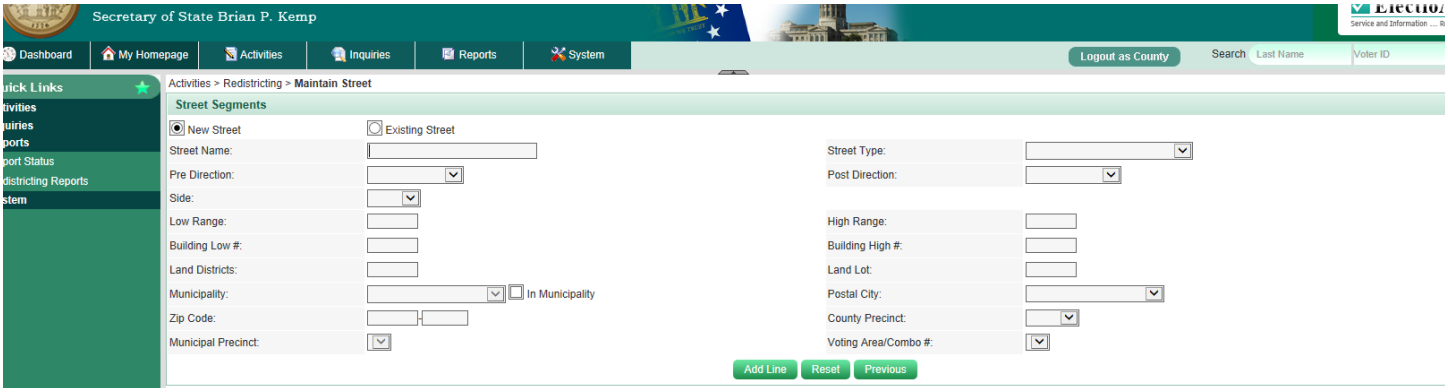
1. Navigate to **Activities County Data> Maintain Street**

   Here you can create streets, modify streets with no voters, and expand the street range as long as it does not overlap with another segment. Any changes here do NOT update the voters, changes only updates the streets.



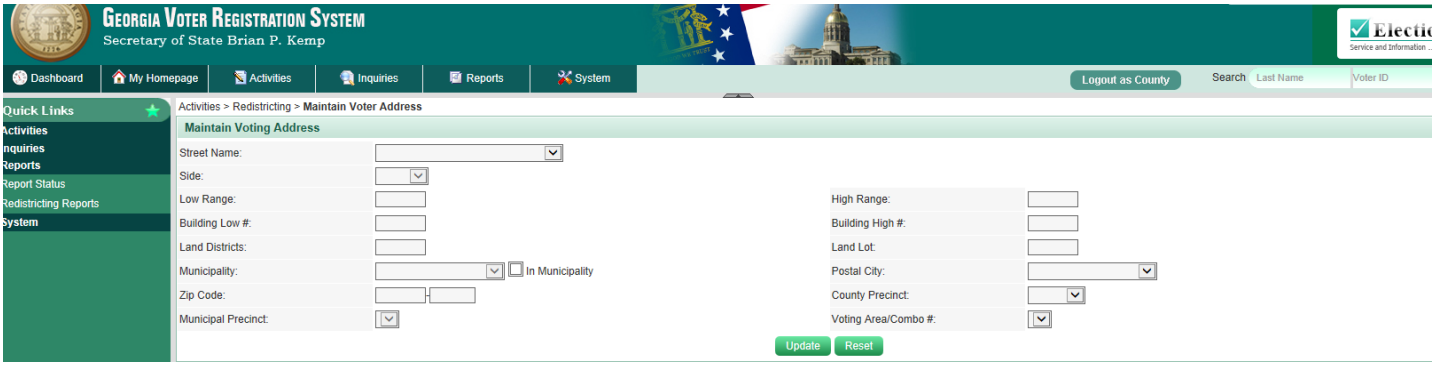
2. Navigate to **Activities >Redistricting >Maintain Voting Districts >Maintain Street**

Here you can create streets, delete streets and increase and decrease street ranges. You still can't overlap ranges. These changes WILL update the voters. As long as you do not break the relationship with the voter, they will update. If the street changes you make does break that relationship, don't worry, the voters will fall into the safety net of the 99999 report. Moving it in to or out of a Municipality, changing a postal city or zip code will break the relationship. Of the three—this one requires you to be in full Redistricting module.



3. Navigate to **Activities >Redistricting >Maintain Voter Address**

Here you can move a street in to or out of a Municipality, change the Postal City, Zip Code, County Precinct, Municipal Precinct, Voting Area and Combo for an existing street that has at least one voter attached. Here you make changes to the segment the way it currently exists, you can't change the range or add a street.

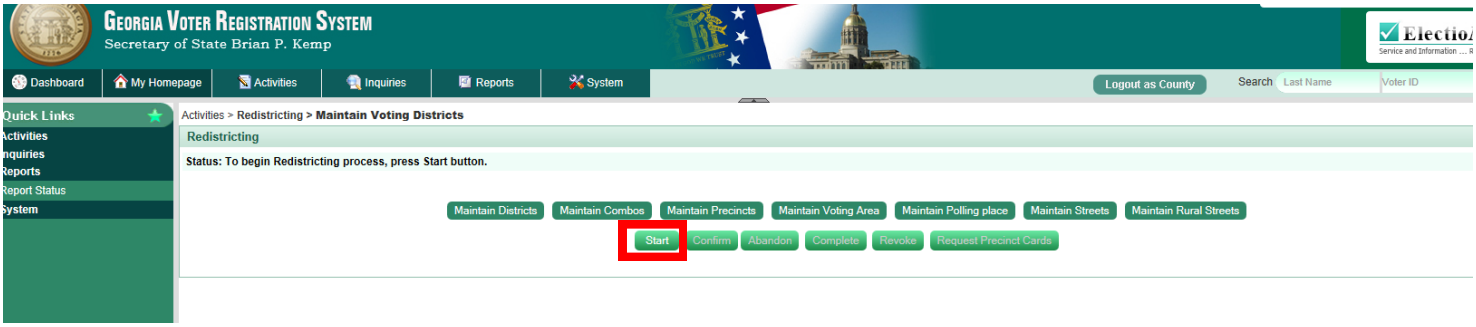


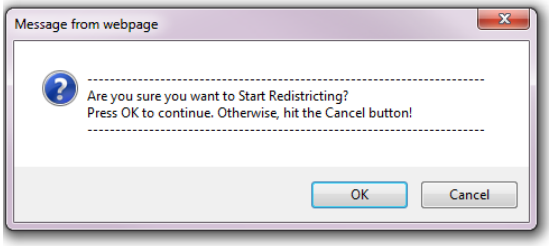
Starting in redistricting

Makes as many of your changes as possible before you begin work in the Redistricting Module, because, it is like a 4 day/3 night cruise. You will be away from "home" that long. After your liaison at the state has reviewed your spreadsheet and say okay, you are ready to begin your redistricting.

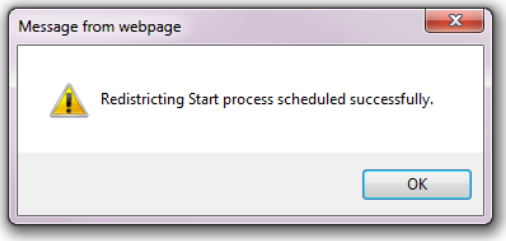
In the GVRS navigate to **Activities > Redistricting > Voting Districts**

You will notice the bottom row of function keys, all are grey except for Start. This is the only functioning key at this step. Click the **Start** button. You will receive a Are you Sure window. Click **OK**.





You will then receive a success window.



You have begun the Redistricting Process and you are done for the day. You will be locked out of Maintaining County Data, so be sure you have completed all work your office needed to do before you press Start.

The process is an overnight one, so press start as you leave for the afternoon and when you come back in to the office the next day, you can begin entering data.

In GVRS navigate to **Activities > Redistricting> Voting Districts**

You will notice that you have 2 active tab options. Confirm or Abandon.

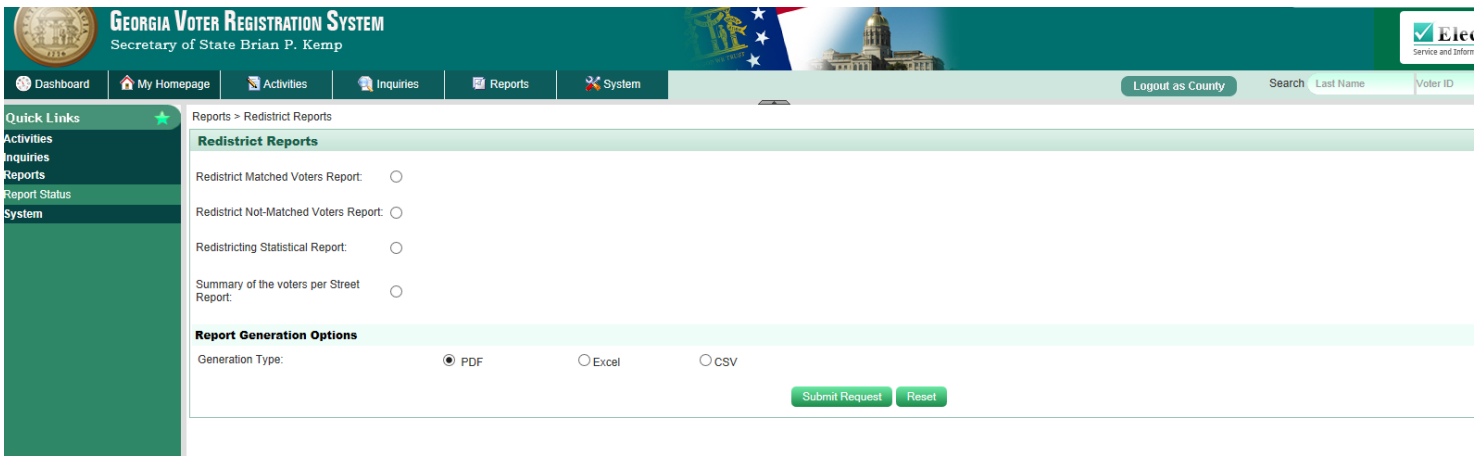
Confirm button– When you click on Confirm it saves all of your work, confirms the changes and tells the GVRS system you are done for that day. When you click confirm, it is an overnight process for all of the changes to be applied.

Abandon button– You only want to click on Abandon if you want to *100% fully no turning back* end working on your redistricting. It undoes ALL work you have previously confirmed. It saves nothing and starts you completely over in redistricting. It abandons the whole project. This button should be a doomsday flashing red one….ONLY press it if someone at the state has told you to abandon.

When you first begin this we would like you to enter some data on your first day, and click **confirm** so we can ensure you that you have entered the data correctly. You don't want to work for two weeks entering data, click confirm, and then find out you were doing it all wrong.

Day One- You have entered the data and clicked confirm. Entering the data is implementing the changes you have listed on the spreadsheet. Instruction as to how to enter the data begin on page 36. You are done for the day. Overnight the system will match voters to the streets.

Day Two- The next day when you get to the office you will request your reports. EVERYTIME you click confirm you need to order the reports the next morning.
In GVRS you will navigate to **Reports> Redistricting Reports .**



You will have 4 choices of **Redistrict Reports**.

1 Redistrict Matched Voters Report

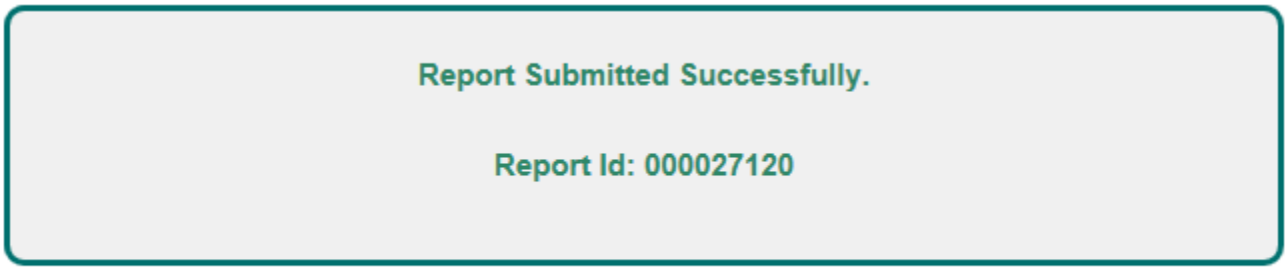
2. Redistrict Non-Matched Voters Report

3. Redistricting Statistical Report

4. Summary of the voters per Street Report

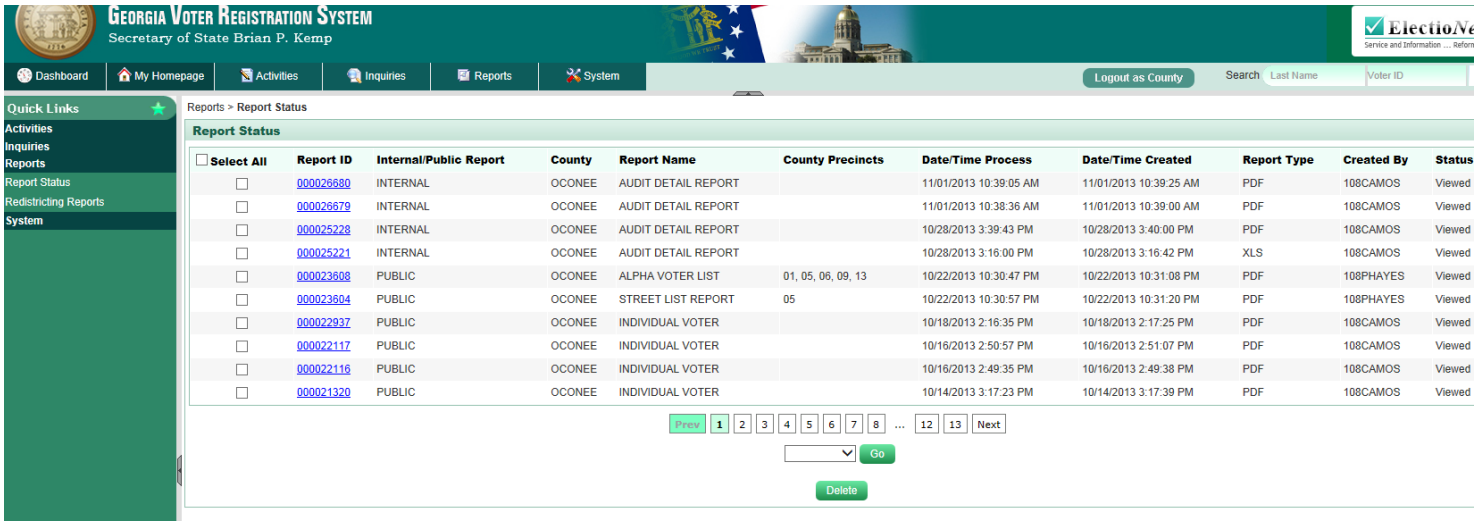
You want to order all 4. You will radio the button beside each.

Under Report– Generation Options you will selection either PDF, Excel or CSV type. Radio in the type of file you want the report in. We suggest PDF and Excel of each. After you click Submit Request, you will receive the success window.



These reports auto generate, meaning they are not overnight. You submit the request and the report generates. You need to save the files to your computer along with printing them out.

Navigate to **Reports>Report Status**. Screen will show all of your reports. The far left link of blue number shows that the report is ready. Select the box of the report you want. You can print or save to your desktop. The report will stay in the section, the status will just change from Complete to Viewed.



11/07/2013

Generated By: 156PELY WILCOX

GEORGIA SECRETARY OF STATE VOTER REGISTRATION SYSTEM

MASS CHANGE FOR RE-DISTRICT / RE-PRECINCT (MATCHED)

						ORGL					
Voter Registration #	Voter Name	Address	Status	Apt/Unit	Zip Code	County Precinct	Municipal Precinct	Combo #	County Precinct	Municipal Precinct	Combo #
00121905	GILLIAM, GAY G	5633 CANNONVILLE RD ABBEVILLE	Active		31001 - 2505	2A		00115	2A		00115
10067139	LEWIS, APRIL DAWN	6098 CANNONVILLE RD ABBEVILLE	Active		31001	2A		00115	2A		00115
10026259	SERCER, CHRISTERPHER LAMAR PATRICK	515 DAISY LN ROCHELLE	Active		31079	4A		00115	4A		00101
10010970	SAYLOR, JONATHAN LANE	275 CHRISTIAN HILL RD ROCHELLE	Active		31079	4A		00115	4A		00101
00190798	MILLER, LINDA F	1562 CHRISTIAN HILL RD ROCHELLE	Active		31079 - 5539	4A		00115	4A		00115
00167584	WORLEY, LEANNE GORDON	3523 GORDON RD ROCHELLE	Active		31079 - 5464	4A		00115	4A		00115
00190960	TROUTMAN, PEARLYE C	13498 GA HIGHWAY 112 ROCHELLE	Active		31079 - 4904	4A		00115	4A		00101
00190951	TROUTMAN, HENRY JAMES	13498 GA HIGHWAY 112 ROCHELLE	Active		31079 - 4904	4A		00115	4A		00101
00191760	OWENS, JOEL WAYNE	1581 GORDON RD ROCHELLE	Active		31079 - 5425	4A		00115	4A		00101
00193998	MUNFORD, CASSANDRA M	1225 AMERICAN LEGION RD ABBEVILLE	Active		31001 - 5034	4A		00115	4A		00115
00191757	MILLER, WILLIAM HERBERT	140 MILLER RD ROCHELLE	Active		31079 - 5401	4A		00115	4A		00101
00191756	MILLER, RUSSELL D	1562 CHRISTIAN HILL RD ROCHELLE	Active		31079 - 5539	4A		00115	4A		00115
00191754	MILLER, JAMIE M	140 MILLER RD ROCHELLE	Active		31079 - 5401	4A		00115	4A		00101
00191753	MILLER, JAMES RONALD	1599 CHRISTIAN HILL RD ROCHELLE	Active		31079 - 5523	4A		00115	4A		00101
00191739	TYNDAL, SHERRIE MCGLAMORY	4065 GORDON RD ABBEVILLE	Active		31001 - 2311	4A		00115	4A		00115
00191723	HOLLIDAY, WANDA ORR	16068 GA HIGHWAY 112 ROCHELLE	Active		31079 - 4008	4A		00115	4A		00101
00191722	HOLLIDAY, JULIE MILLER	1869 MITCHELL RD ROCHELLE	Active		31079 - 4445	4A		00115	4A		00101
00191721	HOLLIDAY, BOBBY THOMAS	1869 MITCHELL RD ROCHELLE	Active		31079 - 4445	4A		00115	4A		00101
00191720	HOLLIDAY, BOBBY T	16068 GA HIGHWAY 112 ROCHELLE	Active		31079 - 4008	4A		00115	4A		00101

Page 1 of 40

11/12/2013

Generated By: 156PELY WILCOX

GEORGIA SECRETARY OF STATE VOTER REGISTRATION SYSTEM

MASS CHANGE FOR RE-DISTRICT / RE-PRECINCT (NOT MATCHED)

Voter Registration #	Voter Name	Voter Address	Apt/Unit	Zip Code	County Precinct	Municipal Precinct	Combo #
00191025	ATES, EDWARD	7580 FELLOWS RD ROCHELLE		31079	99999		00000
00191686	GORDON, GEORGE TIMOTHY	1547 SHADY GROVE RD ROCHELLE		31079	99999		00000
00191688	GORDON, JANET C	1547 SHADY GROVE RD ROCHELLE		31079	99999		00000
00191859	BROOKS, CARLA G	1449 AMERICAN LEGION RD ROCHELLE		31079	99999		00000
00191863	BROOKS, JOSEPH WARD	1449 AMERICAN LEGION RD ROCHELLE		31079	99999		00000
00192363	ROTTMAN, MICHAEL JACKSON	1396 AMERICAN LEGION RD ROCHELLE		31079	99999		00000
00192710	KING, SCOTT B	885 BRUSHY CREEK RD ROCHELLE		31079	99999		00000
00192865	HOLLIDAY, SHIRLEY F	821 SHADY GROVE RD ROCHELLE		31079	99999		00000
00192922	KING, KAREN B	885 BRUSHY CREEK RD ROCHELLE		31079	99999		00000
00193767	SERCER, JOE OWEN	671 BRAMBLE WOOD RD ABBEVILLE		31001	99999		00000
00194213	ROGERS, DANIEL SCOTT	455 BELL ST ABBEVILLE		31001 - 1800	99999		00000
00810321	VAUGHAN, RONNY F	3727 MCGLAMRY RD PITTS		31072	99999		00000
04921076	COBB, JESSICA W	4908 MCGLAMRY RD PITTS		31072	99999		00000
05365582	COBB, SETH CALON	4908 MCGLAMRY RD PITTS		31072	99999		00000
07407316	BROOKS, WILLIAM JOSEPH	1449 AMERICAN LEGION RD ROCHELLE		31079	99999		00000
07560828	TRAYLOR, WILLIAM A	206 MAIN ST RIVER WILLOWS NC ABBEVILLE		31001	99999		00000
07846596	BALOM, SHAMEKIA MARIA	44 HILL ST PINEVIEW		31071 - 3204	99999		00000
07847249	GRACE, SHEKEDA LENELLY	44 HILL ST PINEVIEW		31071 - 3204	99999		00000
08401523	TRIPP, HEATHER NICOLE	821 SHADY GROVE RD ROCHELLE		31079	99999		00000

Working the reports

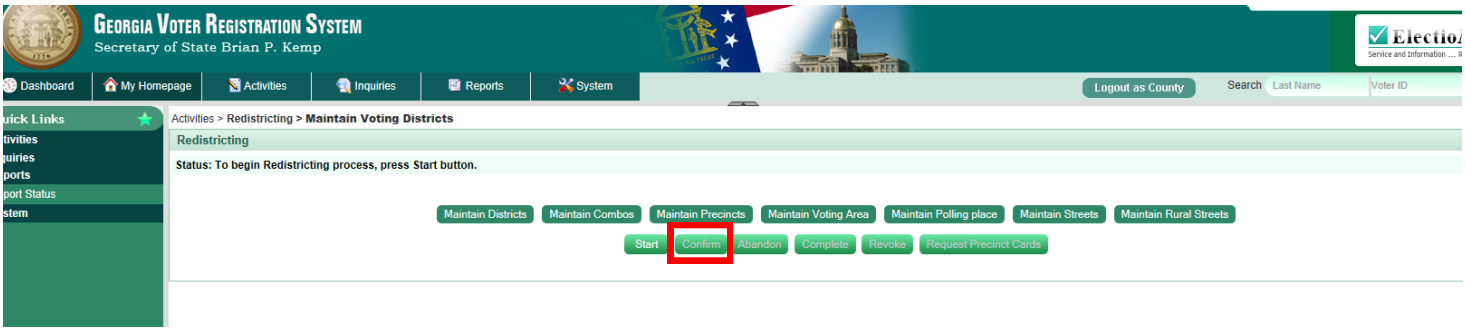
You have correct streets and street segments. These reports show voters who have been assigned to those streets. All of the data you entered and confirmed will be reflected in these reports. You will use these reports to see the non-matched and matched voters. The non-matched voters are the folks who have no street assigned to them.

Day Three and forward– enter all the data

You will want to check to ensure that the changes are updating correctly in the system. After you print out your first set of reports, contact your liaison. They will either say "Great job, enter the rest of your data/ changes." Or they will say "Let me help you with the entering process".

You will then enter the rest of your data. Depending on how many changes you have, it can take you one day, three days, 2 weeks or a month.

At the end of each work day, the last task you will complete is clicking the **confirm** button. When you click on Confirm it saves all of your work, confirms the changes and tells the GVRS system you are done for that day. When you click confirm, it is an overnight process for all of the changes to be applied. Every time you click **Confirm**, order your reports the next day.

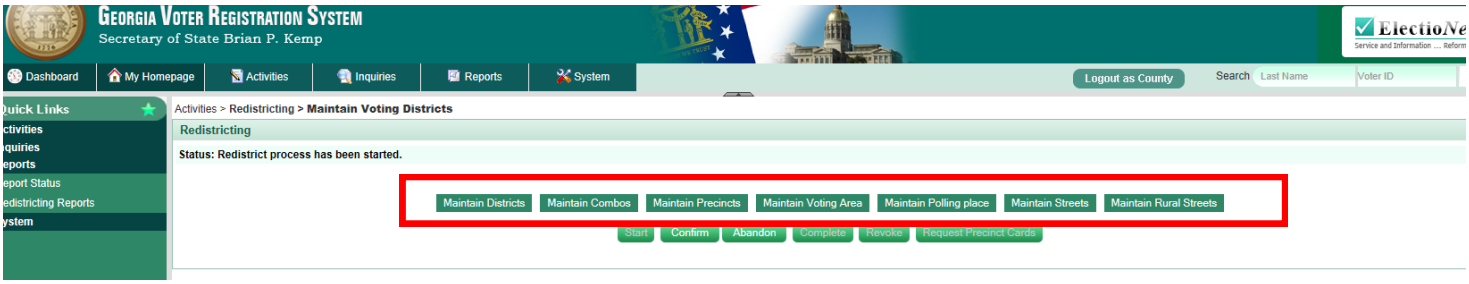


Entering the data/making the changes/doing the work

You have your approved spreadsheet with changes/corrections and now you need to enter the data/make the changes/do the work…….whatever you want to call it, in the GVRS.

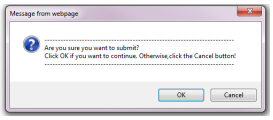
Navigate to **Activities >Voting Districts**

Notice the boxes across the screen that we have a red box around. You will work these boxes left to right.



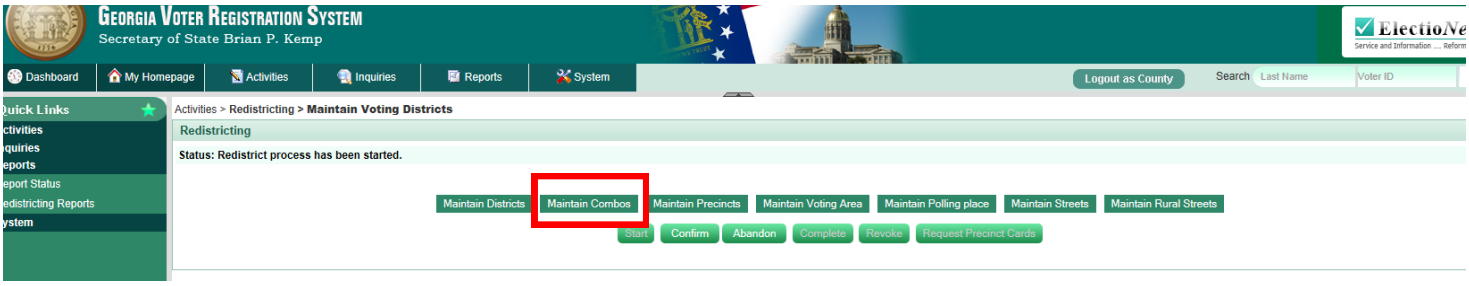
If you need to add a district, work in **Maintain Districts** first. Click on the **Maintain Districts** button.

- Above is the screen you will receive.
- Under **District Type**– When you click on this drop down screen, every type of district available to counties across the state will show. You will only highlight the district type that you have in your county or municipality.
- Under **Number**– Enter a number if a number is associated with this district type. For example, if you need to add a Ward 2 seat. You would highlight Ward under District Type and enter the number 2 in this field.
- Under **Description**– This is how the system will identify the district type. For our example, you would enter Ward 2.
- Click the **Add** button.
- You will receive the window asking you if you are sure you want to submit.
- Click **OK.**

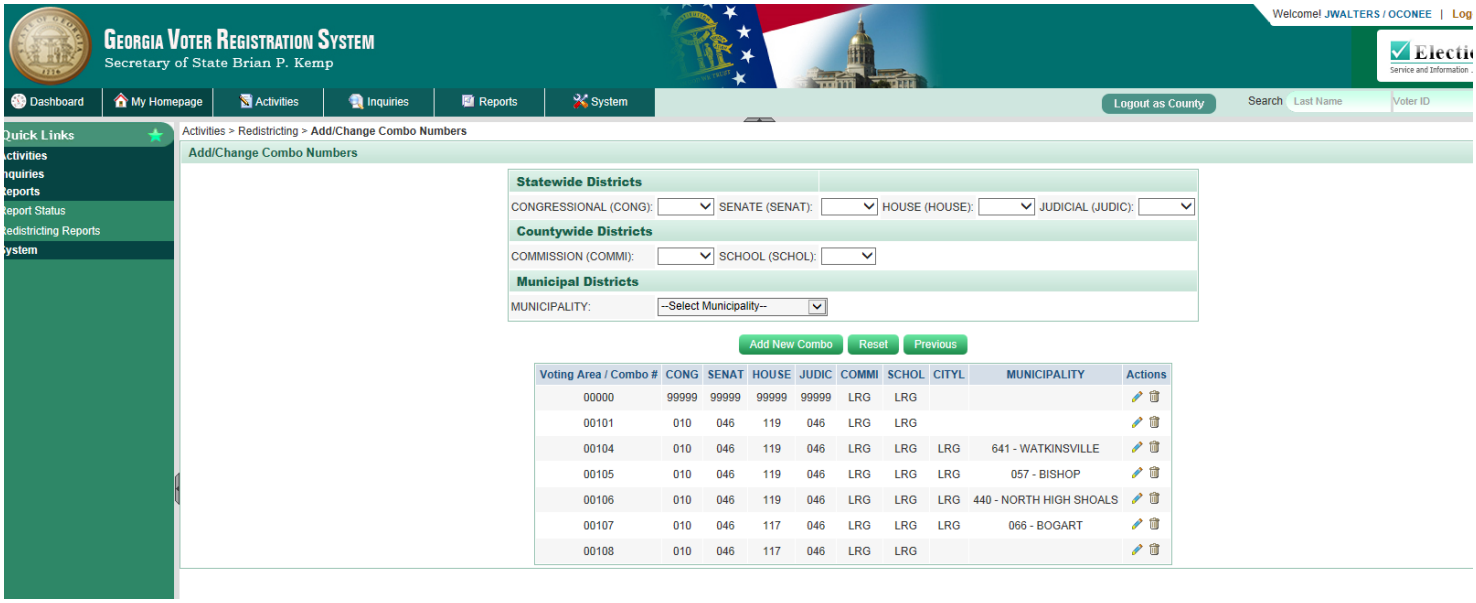


- You will receive the successful added window.
- Repeat these steps for each District you need to add.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

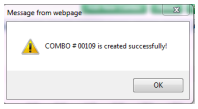


If you need to add, edit or move combos, next you will move across to the **Maintain Combos.** Click on Maintain Combos button.



Add a New Combo

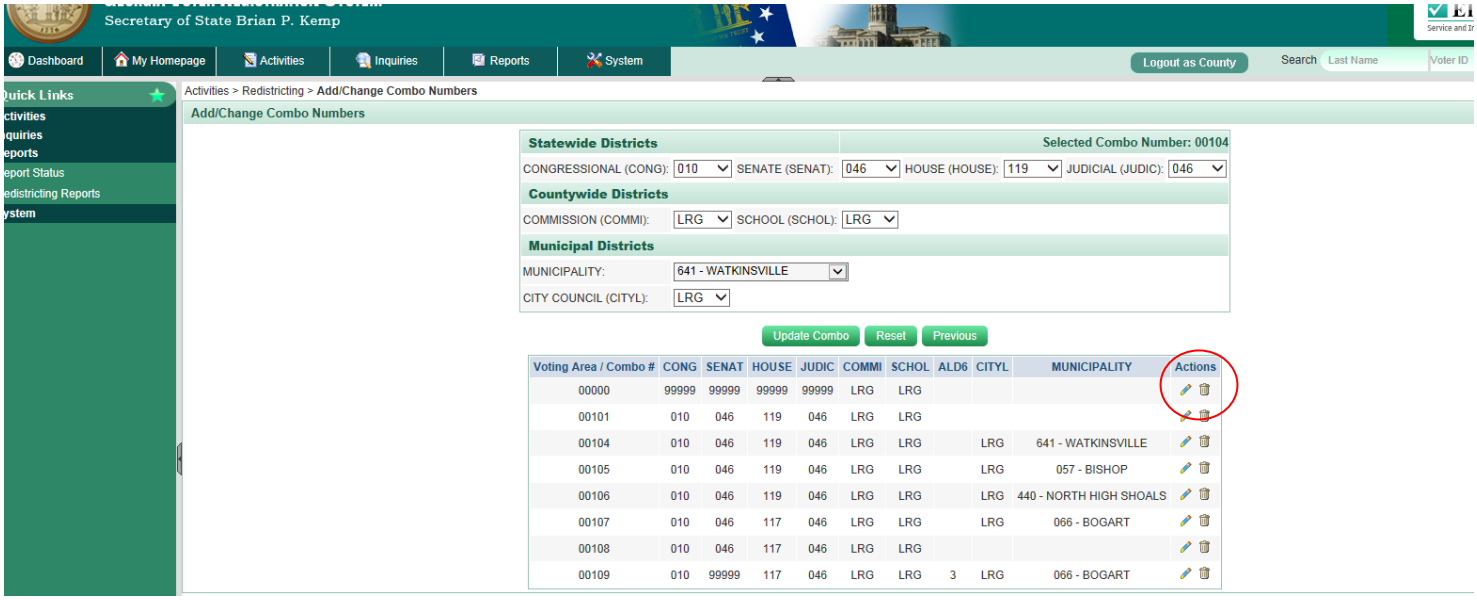
- Above is the screen you will see. This is a listing of all the combos/ballot styles you have.
- From your approved spreadsheet, if you have combos that need to be created, highlight the information from each of the drop down boxes.
- After you have entered the data, click the **Add New Combo** button.
- You will receive a successful window.



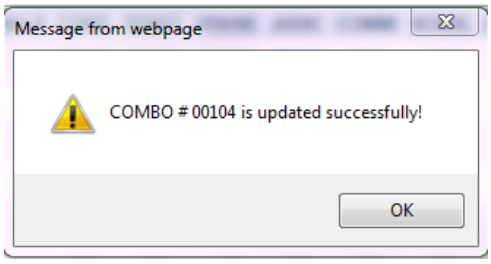
- The system will assign the next numerical combo.
- If you have not entered all the information needed to create a combo, the system will tell you what is mandatory and the fields must be filled in.
- Repeat these steps for each Combo you need to add.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

Edit a Combo



- Click on the **Maintain Combo** button.
- On the Combo grid, select a line to modify by clicking on the icon on the respective line, under the section labeled **Actions.** This will display the selected combo information in edit mode.
- Above is the screen you will receive. The fields will have pre populated to the combo you selected to edit.
- Using your approved spreadsheet, make the changes.
- Click the **Update Combo** button.
- You will receive the Are your sure you want to update window.
- Click **OK**.
- You will receive the successfully update window.

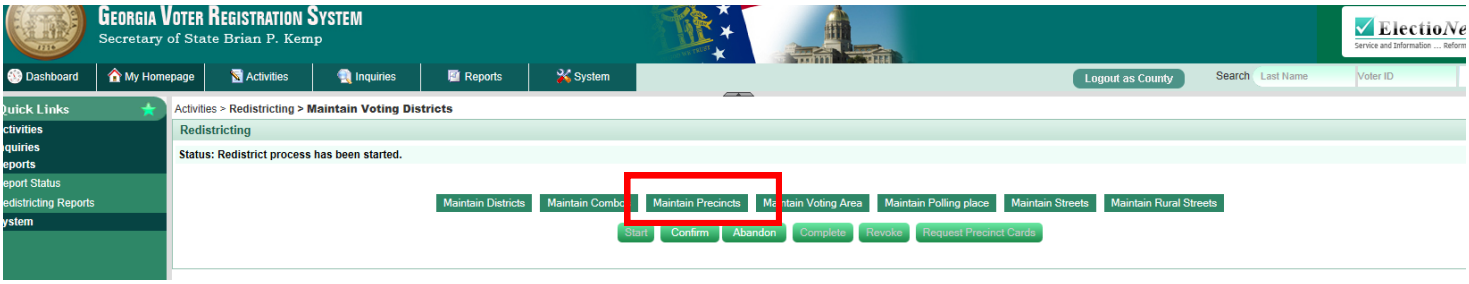


- Repeat these steps for each Combo you need to edit.

Delete a Combo

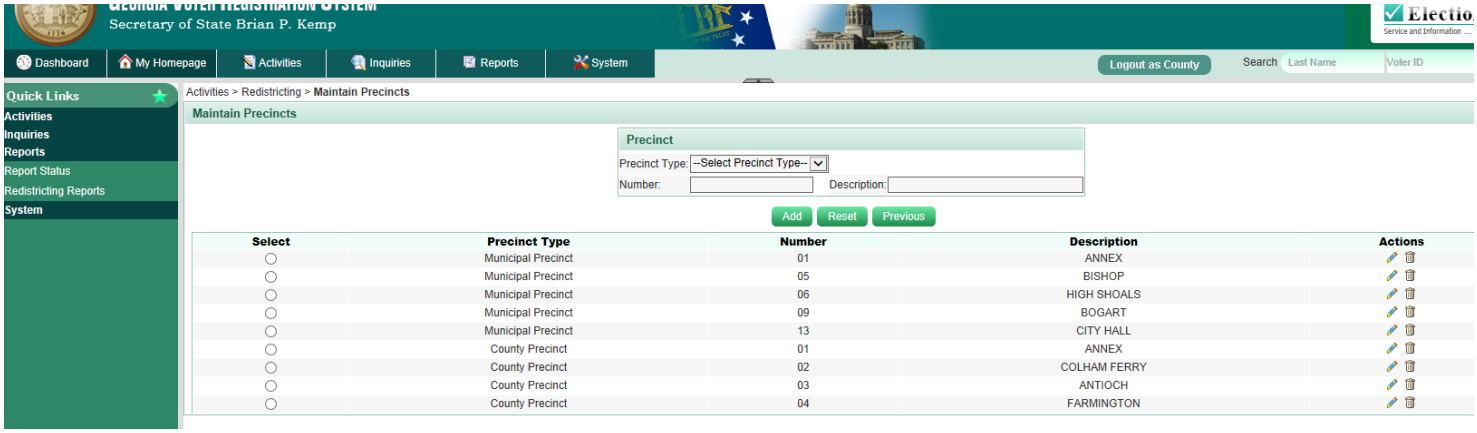
If you have combos that need to be deleted, please contact your liaison.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

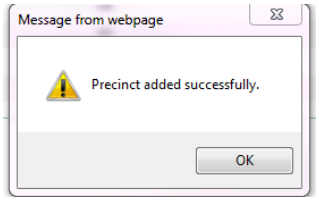


If you need to add, edit one or more precincts, Next you will move across to the **Maintain Precincts.**

Click on Maintain Precincts button.

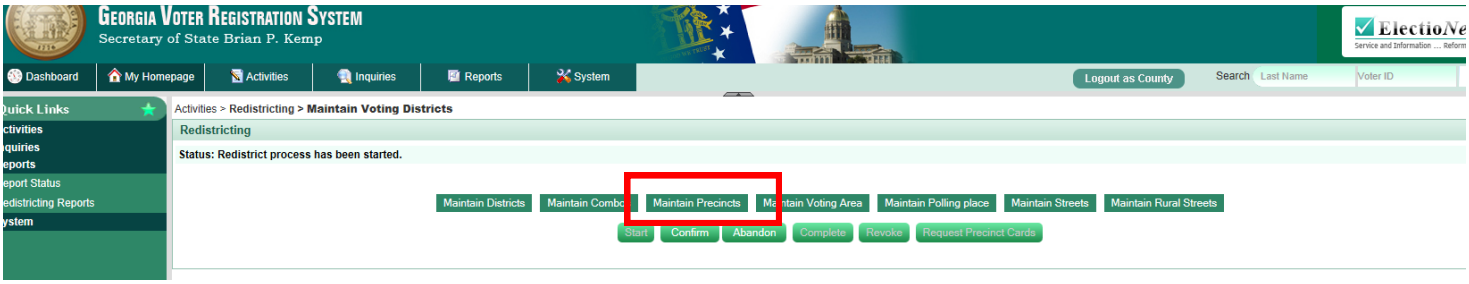


Add a New Precinct *(If no voters are attached, you can also do this out of the redistricting module)*

- Above is the screen you will receive. This is a listing of all the **Precinct Types** you have.
- From your approved spreadsheet, if you have **Precinct Types** that need to be created, highlight the information from each of the drop down boxes and complete the fields. **Number** is the number you have assigned that Precinct. **Description** in the name you want to call it in the system.
- After you have entered the data, click the **Add** button.
- You will receive a Are you sure you want to submit window.
- Click **OK.**
- You will receive a precinct  added successfully window,

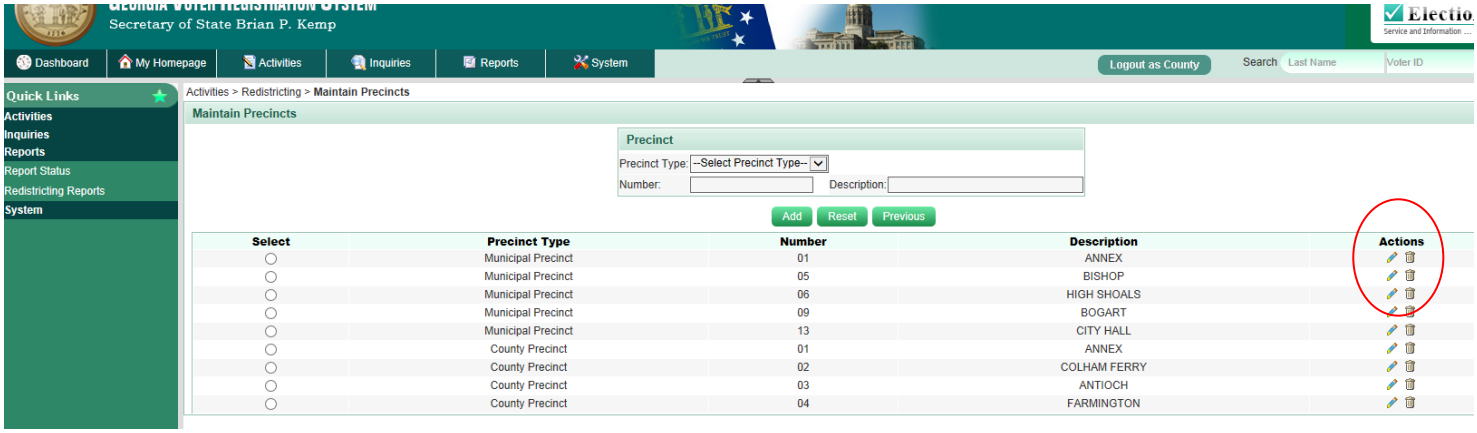
- Repeat these steps for each Precinct you need to add.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

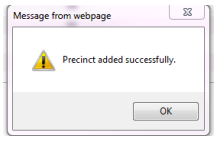


Click on Maintain Precincts button.

Edit a Precinct



- On the Precinct Type grid, select a line to modify by clicking on the icon on the respective line, under the section labeled **Actions.** This will display the selected Precinct information in edit mode.
- Above is the screen you will receive. The fields will have pre populated to the Precinct you selected to edit.
- Using your approved spreadsheet, make the changes.
- Click the **Update** button.
- You will receive the Are your sure you want to update window.
- Click **OK**.
- You will receive the successfully update window.



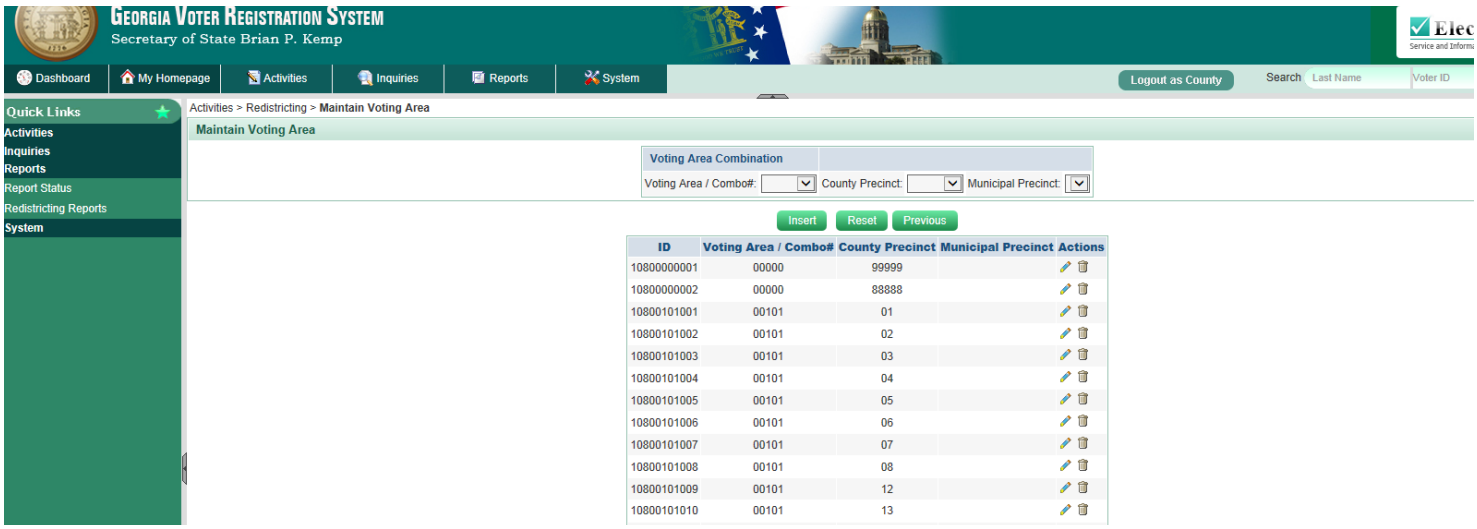
- Repeat these steps for each Precinct you need to edit.

Delete a Precinct

If you need to delete a precinct, please call your liaison.

Navigate to **Activities > Redistricting> Voting Districts**

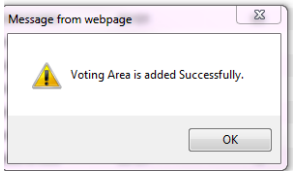
Click on Maintain Voting Area button.



Add a New Voting Area

*A **voting area** creates the relationship between the combos/precincts that allows street to utilize the combos/ precincts. This is another level of data integrity and ensures the data stays as clean as possible.*

- Above is the screen you will receive. This is a listing of all the **Voting Areas** you have.
- From your approved spreadsheet, if you have **Voting Area** that need to be created, highlight the information from each of the drop down boxes .
- After you have entered the data, click the **Insert** button.
- You will receive a Are you sure you want to submit window.
- Click **OK.**
- You will receive a Voting Area added successfully window,

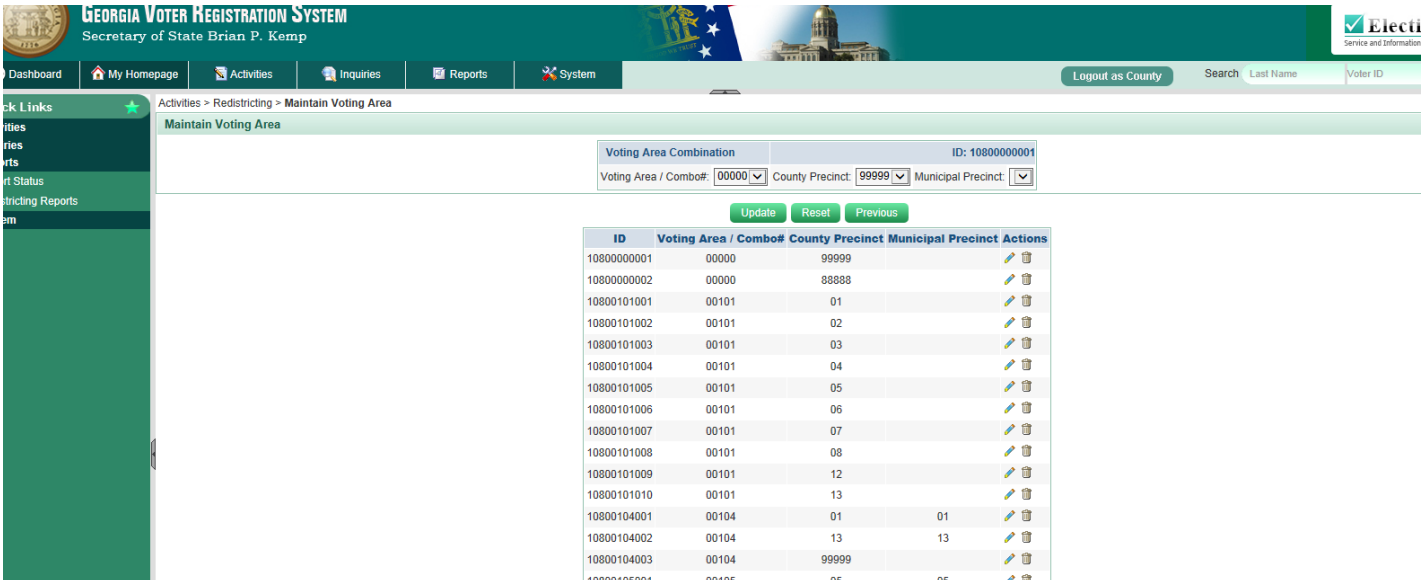


- Repeat these steps for each Voting Area you need to add.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

If you need to add or edit a voting area, click on Maintain Voting Area button.

Edit a Voting Area



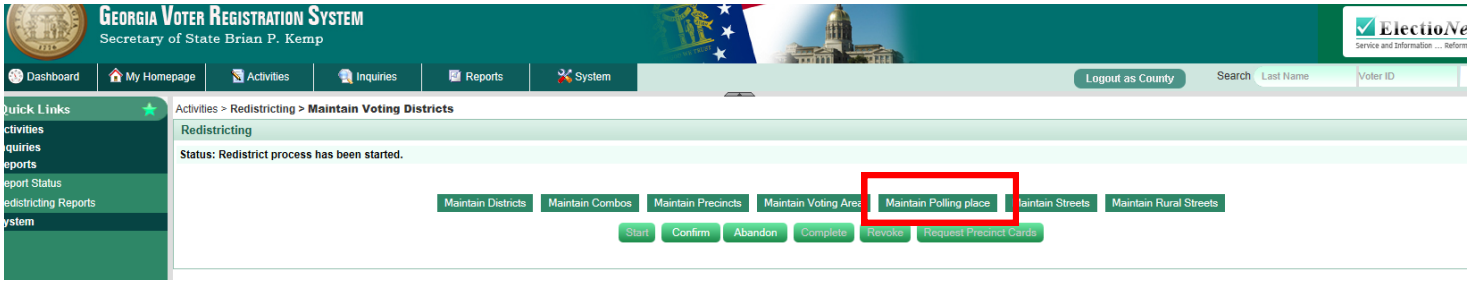
- On the **Voting Area** grid, select a line to modify by clicking on the icon on the respective line, under the section labeled **Actions.** This will display the selected Voting Area information in edit mode.
- Above is the screen you will receive. Using the drop down boxes, select the Voting Areas to edit.
- Click the **Update** button.
- You will receive the Are your sure you want to update window.
- Click **OK**.
- You will receive the successfully update window.

- Repeat these steps for each Voting Area you need to edit.

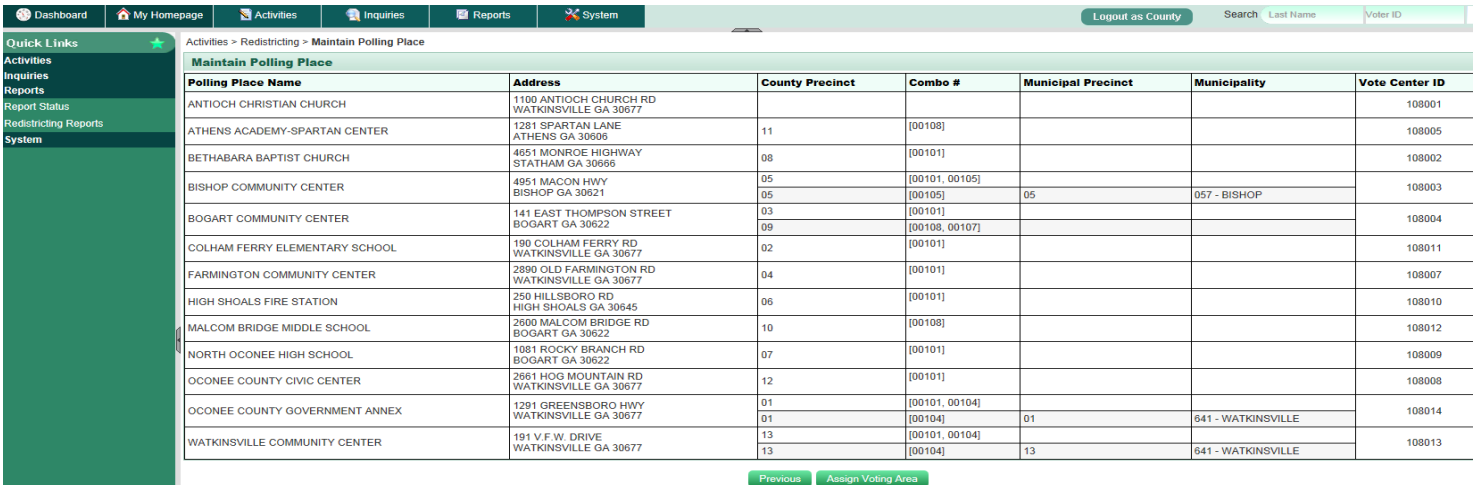
Delete a Voting Area

If you need to delete a Voting Area please call your liaison.

Navigate to **Activities> Redistricting> Voting Districts**

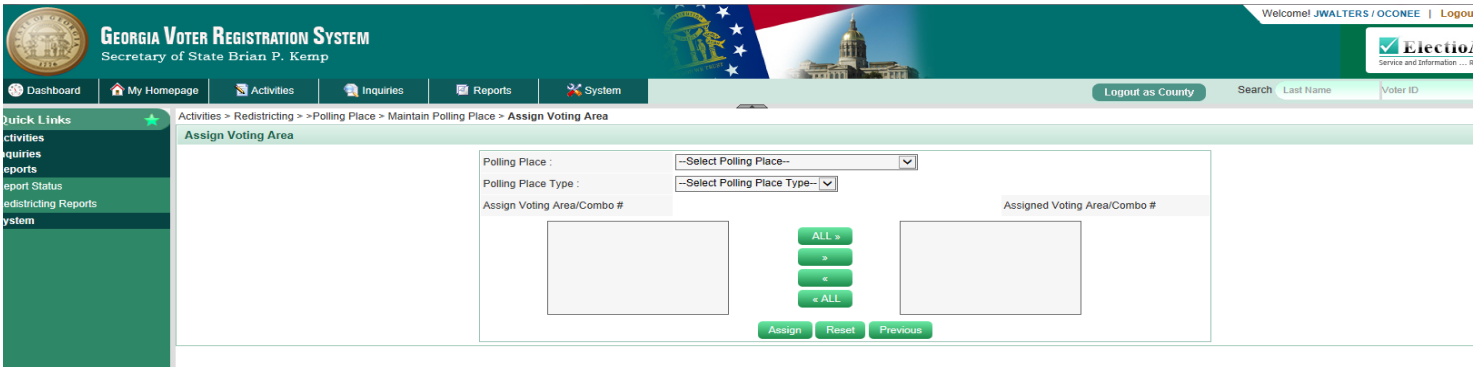


Click on Maintain Polling Place button.



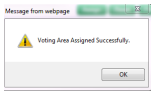
Polling Place Name	Address	County Precinct	Combo #	Municipal Precinct	Municipality	Vote Center ID
ANTIOCH CHRISTIAN CHURCH	1100 ANTIOCH CHURCH RD WATKINSVILLE GA 30677					108001
ATHENS ACADEMY-SPARTAN CENTER	1281 SPARTAN LANE ATHENS GA 30606	11	[00108]			108005
BETHABARA BAPTIST CHURCH	4651 MONROE HIGHWAY STATHAM GA 30666	08	[00101]			108002
BISHOP COMMUNITY CENTER	4951 MACON HWY BISHOP GA 30621	05	[00101, 00105]			108003
		05	[00105]	05	057 - BISHOP	
BOGART COMMUNITY CENTER	141 EAST THOMPSON STREET BOGART GA 30622	03	[00101]			108004
		09	[00108, 00107]			
COLHAM FERRY ELEMENTARY SCHOOL	190 COLHAM FERRY RD WATKINSVILLE GA 30677	02	[00101]			108011
FARMINGTON COMMUNITY CENTER	2890 OLD FARMINGTON RD WATKINSVILLE GA 30677	04	[00101]			108007
HIGH SHOALS FIRE STATION	250 HILLSBORO RD HIGH SHOALS GA 30645	06	[00101]			108010
MALCOM BRIDGE MIDDLE SCHOOL	2600 MALCOM BRIDGE RD BOGART GA 30622	10	[00108]			108012
NORTH OCONEE HIGH SCHOOL	1081 ROCKY BRANCH RD BOGART GA 30622	07	[00101]			108009
OCONEE COUNTY CIVIC CENTER	2661 HOG MOUNTAIN RD WATKINSVILLE GA 30677	12	[00101]			108008
OCONEE COUNTY GOVERNMENT ANNEX	1291 GREENSBORO HWY WATKINSVILLE GA 30677	01	[00101, 00104]			108014
		01	[00104]	01	641 - WATKINSVILLE	
WATKINSVILLE COMMUNITY CENTER	191 V.F.W. DRIVE WATKINSVILLE GA 30677	13	[00101, 00104]			108013
		13	[00104]	13	641 - WATKINSVILLE	

Assigning a Polling Place. Click on the Assign Voting Area button.



(This can also be done out of the redistricting module if no voters are attached)

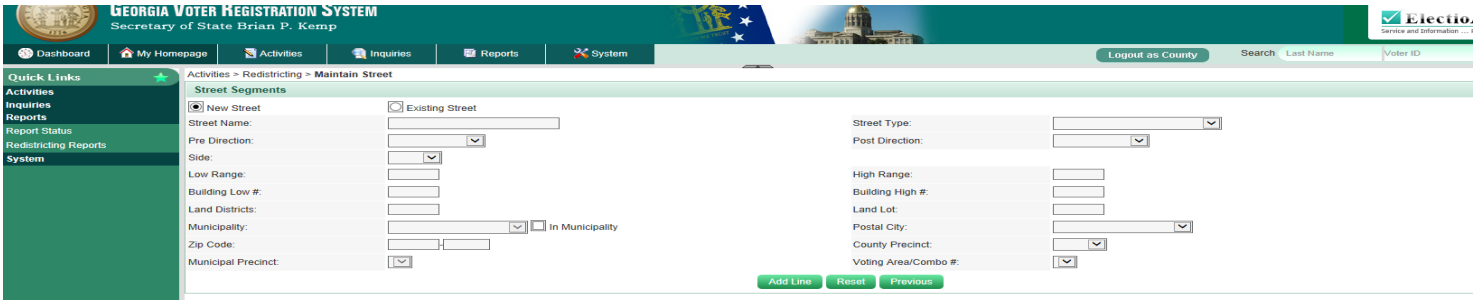
- **Polling Place**– for the drop down box, highlight the Polling Place. (you added it in Maintain Voting Area)
- **Polling Place Type**– Highlight what applies. County or Municipal
- In the left side box you will see the **Voting Area/Combos #** in the system. Highlight the ones you need to move to the right hand box– **Assigned Voting Area/Combo #.** After you highlight them, click the >> arrow button to move them over. If you are moving them all, click the ALL button.
- Click the Assign button. You will receive a Voting Area Successfully Assigned window .



- Repeat for each Polling Place.

Navigate to **Activities > Redistricting > Voting Districts**

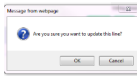
Click on the **Maintain Street** button.



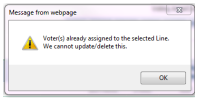
To Add Streets

The existing streets can be viewed by selecting the Existing Street radio button and clicking on the Street Name drop –down list. Use this option to search for the street name in the existing street list; to be sure it does not already exist.

- If street is not found, select the **New Street** radio button.
- Enter the **Street name**, **Street Type, Side, Low Range and High Range**.
- **Ranges** will be defined to contain Even, Odd, or All street numbers for each segment. Even ranges must begin and end with even numbers, and odd ranges must begin and end with odd numbers.
- Building Low #, Building High #, Land Districts and Land Lots are all optional fields. Land Districts and Land Lots are for information purposed only and do not affect districting.
- Is the street is located inside a Municipality, click the check box labeled **In Municipality** next to the Municipality drop down list. A dialog box will display, click OK and then select the Municipality through the Municipality drop down list.
- Select **Postal City** from the drop down list.
- Enter the **Zip code**.
- Select **County Precinct** from the drop down list. The screen will refresh and the associated Voting Area/Combo #'s will populate in the drop down list.
- Select **Voting Area/Combo Number** from the drop down list.



- If applicable, select **Municipal Precinct** from the drop down list.
- Click the **Add Line** button. You will receive the window asking you if you are sure you want to update.
- Click **OK.**

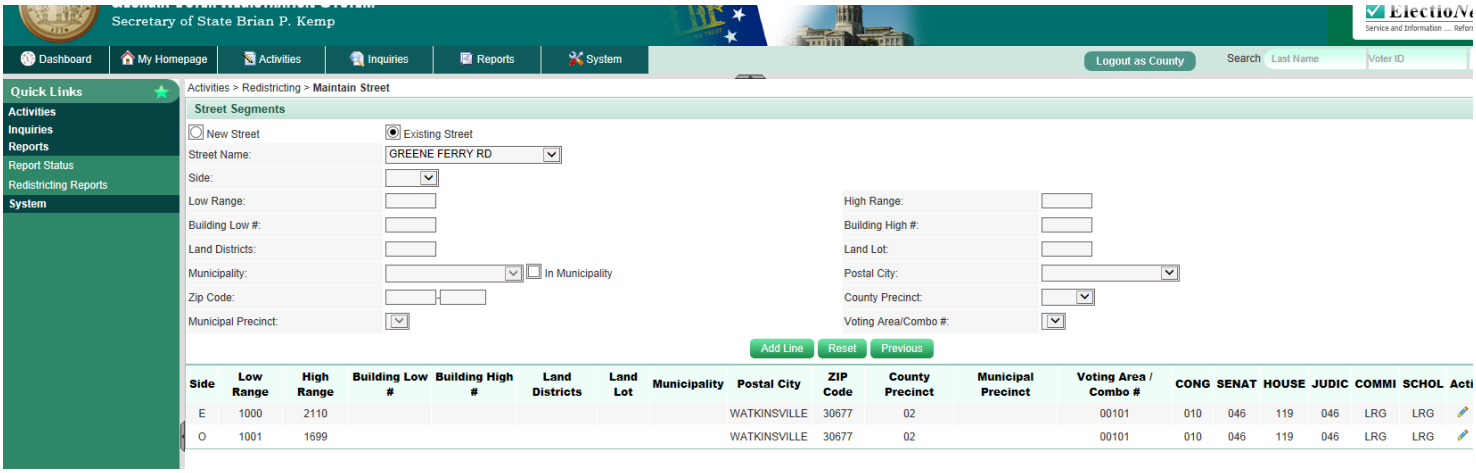


- The information for the new street will display in the grid on the screen.

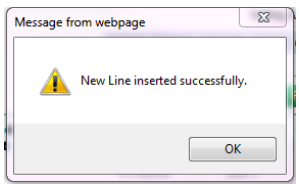
Navigate to **Activities >Redistricting> Maintain Voting Districts**

Click on the **Maintain Street** button.

To Edit Streets



- Select the Existing Street radio button.
- Select the street from the **Street Name** drop down list.
- The street information will be displayed in a grid at the bottom of the screen.
- On the street grid, select a line to modify by clicking on the icon on the respective line, under the section labeled **Actions.** This will display the selected street information in edit mode.
- Make any necessary changes to the street information in the fields that have pre populated.
- Click on the **Update** button. You will receive the window asking you if you are sure you want to update.
- Click **OK.**
- You will receive the New Line inserted successfully window.

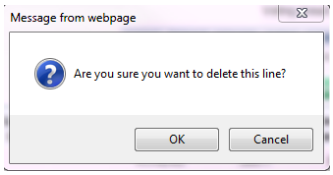


- The updated information will be displayed in the grid at the bottom of the screen.
- Repeat for each street you need to edit.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

To Delete Streets

- Select the **Existing Street** radio button.
- Select the street through the Street Name drop down list.
- Select a line to delete by clicking on the 🗑 icon on the respective line, under the section labeled **Actions**.
- The system will display a Are you sure you want to delete the line window.



- Click **OK.**
- If a voter is already assigned to that street, the system will not let you delete the line.

STREET NOTES-

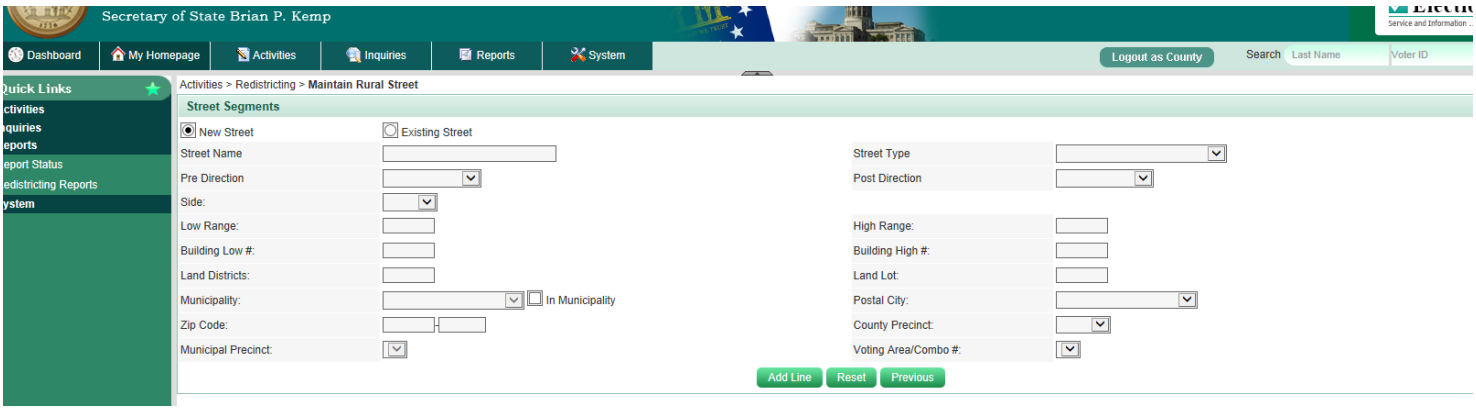
- If you have a single house as a street segment, make that house even or odd, not all.
- Street segments cannot overlap. To edit a segment, sometimes you have to change a segment JUST to be able to make the change you really need to make on another.

Navigate to **Activities >Redistricting >Maintain Voting Districts**

Maintain Rural Streets

Rural streets do not have low and high ranges used to define the street range. Rural streets are maintained the same way as non-rural streets, except that the low and high ranges will not be required when adding a rural street. When a voter resides on a rural street, the Rural Address Flag check box is checked (on the Voter Registration screen). The system will not require the voter's address to include a street number. You can call the road Highway or Rural Route.

NOTE: A rural street is also added, edited, and deleted the same way non-rural streets are added, edited and/or deleted. The only exception is that the functions are completed through the Maintain Rural Street



Screen. Also like non-rural streets, a rural street CANNOT be deleted if voters are currently registered on it.

- The maintain Rural Street screen is displayed.

Following the same instructions for streets.

- From this screen you may :

  View existing rural street

  View voters on existing rural streets

  Add, Edit, and/or delete a rural street

- Repeat for each rural street.

Complete

YEAH! You did it. You have entered all the data on your spreadsheet in the order of the buttons....Maintain Districts, Maintain Combos, Maintain Precincts, Maintain Voting Area, Maintain Polling Place, Maintain Street and Maintain Rural Street. You have worked so hard. You have entered all the changes. You have clicked CONFIRM for the final time. You have ordered your reports and they show that all of your streets are correct. You see the light at the end of the tunnel and it is not a train.

Congratulations, you are ready to complete redistricting! Click the **COMPELTE** button, this is an overnight process. The next morning you will order your final set of reports. **NOTE– After you click COMPELTE, never order Redistricting reports again.**

Navigate to **Reports>Internal Only reports>Other>Audit Detail Report**

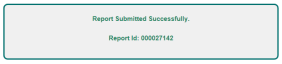
Enter the **Start Date**– this is the day you clicked Complete.

Enter the **End Date**– this is today's date.

Sort Order– You choose the order you want, we suggest your default be User Name.

Change Type- Check every box.

Report Generation Options– Excel (you can sort) or PDF. Your choice.

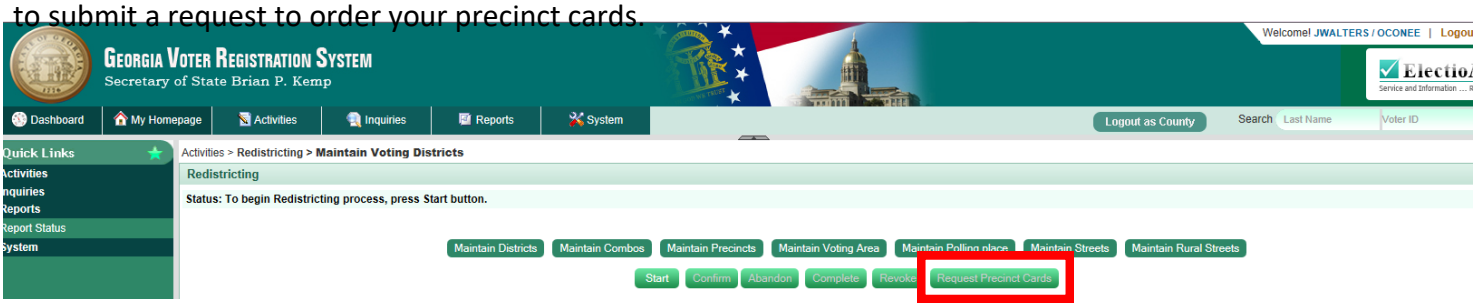


Click the **Submit Request** button. You will receive the success window.

This reports generates immediately. Navigate to **Reports>Reports Status** to open/print/save.
Read these reports to ensure that all your work is complete and accurate. Request a new 999999 report to ensure that all of your work is done. When you are 100% done, you have everything right, your streets are perfect…..there is one more step.

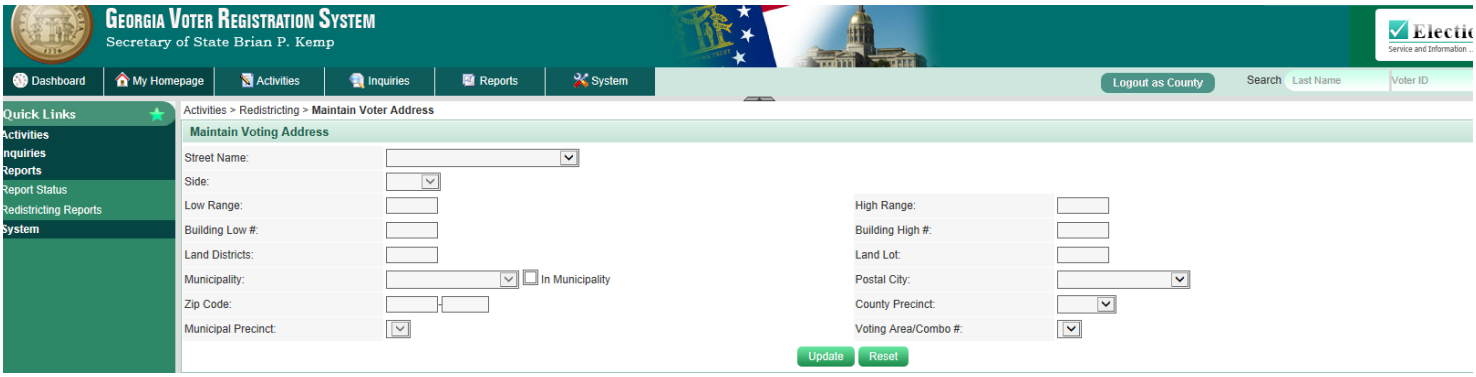
THE FINAL STEP Navigate to **Activities Voting Districts**

Request Precinct Cards- Click the Request Precinct Cards button. When you click this you are telling the system to END the whole redistricting cycle. This function only ENDS the redistricting module, you will need to submit a request to order your precinct cards.



Do you have a street segment that has no range changes? But does have zip code changes, municipality changes, postal city changes? You can make that change out of the redistricting module.

Navigate to **Activities >Redistricting >Maintain Voter Address**



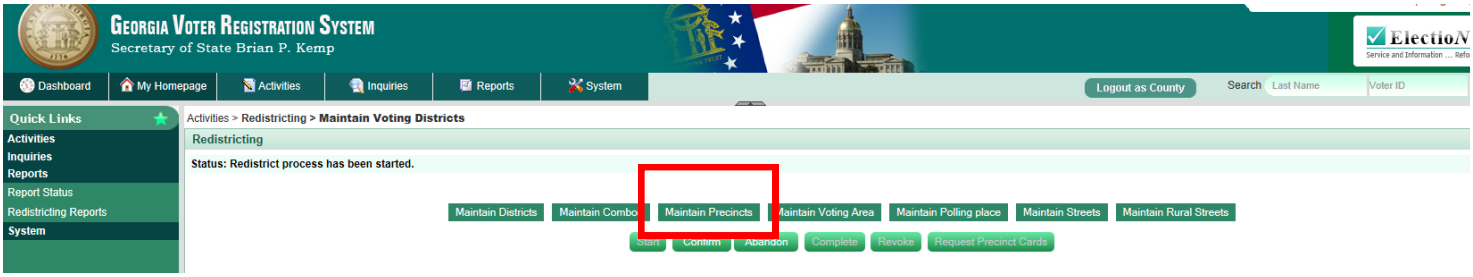
- Enter the **Street Name** by highlighting the street from the drop down box.
- Click the check box if a **Municipality.** The drop down will give you the choices. Highlight the want you want to use.
- If you need to change the **Postal City,** select from the drop down.
- If you need to change the **Zip Code**, enter in the field.
- If you need to change the **County Precinct**, select from the drop down.
- If you need to change the **Municipal Precinct**, select from the drop down.
- If you need to change the **Voting Area/Combo #,** select from the drop down.
- Click the **Update** button.
- Your changes will be reflected on a grid across the bottom.

Merge

Are you consolidating and need to merge precincts? The merge function is powerful. Once you do this, you cannot undo it. Remember, there is no turning back once you click merge except for the Abandon option.

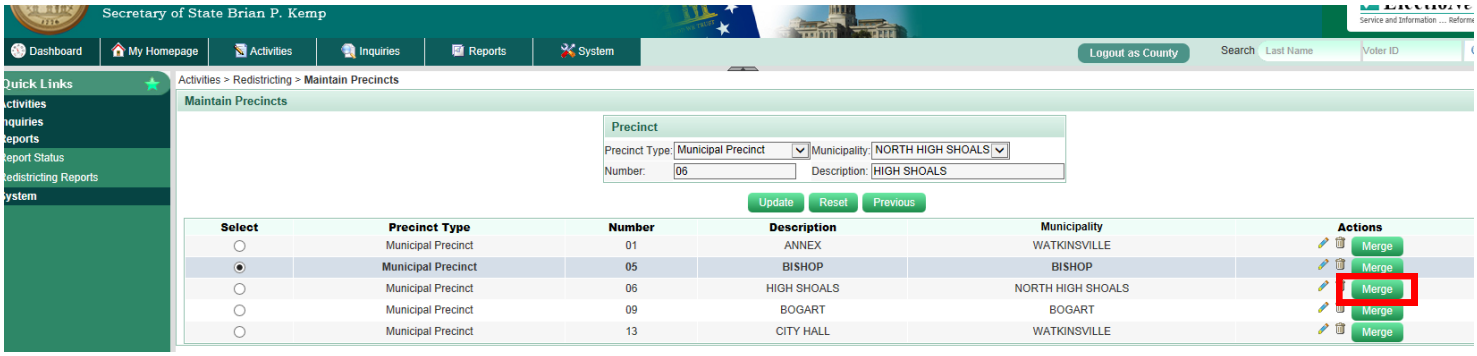
Navigate to **Activities >Redistricting >Maintain Voting Districts**.

If you have precincts to merge, click on the **Maintain Precincts** button.



Under **Precinct Type**- Select from the dropdown County Precinct or Municipal Precinct.

From the grid of Precincts showing all of your precincts, select by clicking the **radio** button of the precinct



you want to merge, this highlights that line.

Click the **merge** button on the line of the precinct you want to merge with.

In short….radio the one moving. Click the merge button of the final destination.

For this example……We are merging the Bishop 05 Precinct with the North High Shoals 06 Precinct.

Radio Bishop 05, click Merge button on the North High Shoals 06 line.

** The merge does an entire precinct. Your county merge might require additional street moves, depending on the nature of your precinct and streets.

Consolidating Precincts VS Creating Vote Centers

If you are interested in creating Vote Centers, call your liaison to discuss which option will be best for your county.

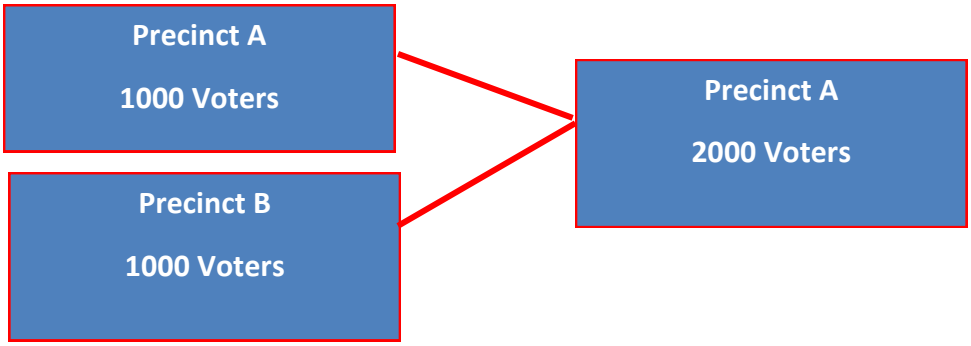
There are 2 options to reduce the number of Election Day polling places.

1. Consolidate precincts (merge existing precincts into a new precinct)
2. Create vote centers (assign existing precincts to shared voting location on Election Day.

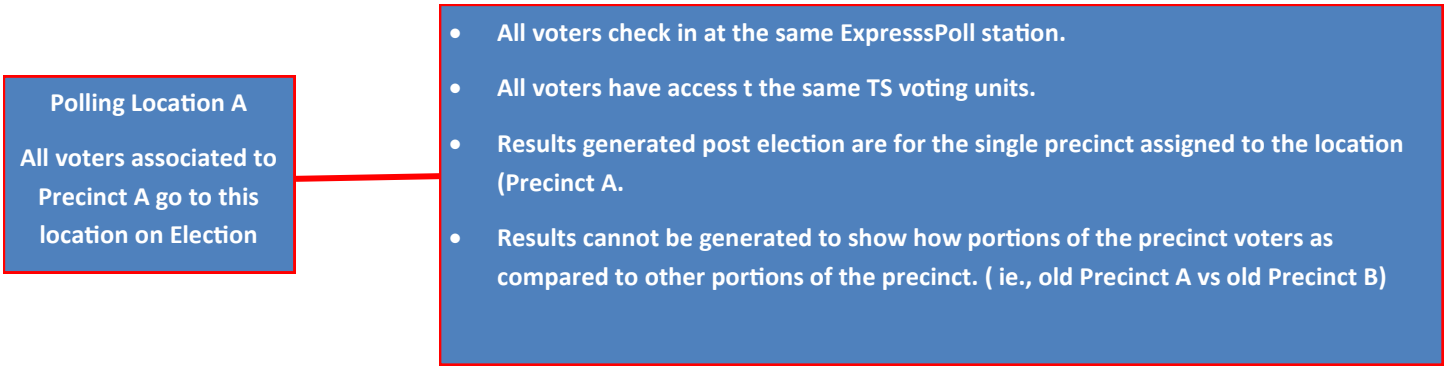
Consolidating Precincts

The total number of registered voters will not change, instead the county is redistributing voters among a smaller number of Precincts.

Precinct B is merged into Precinct A.

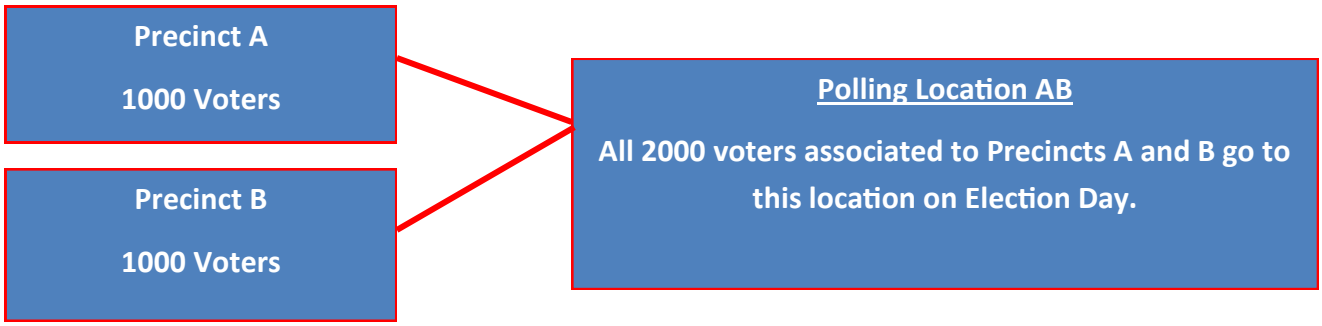


On Election Day all voters in Precinct A will now go to Polling Location A.

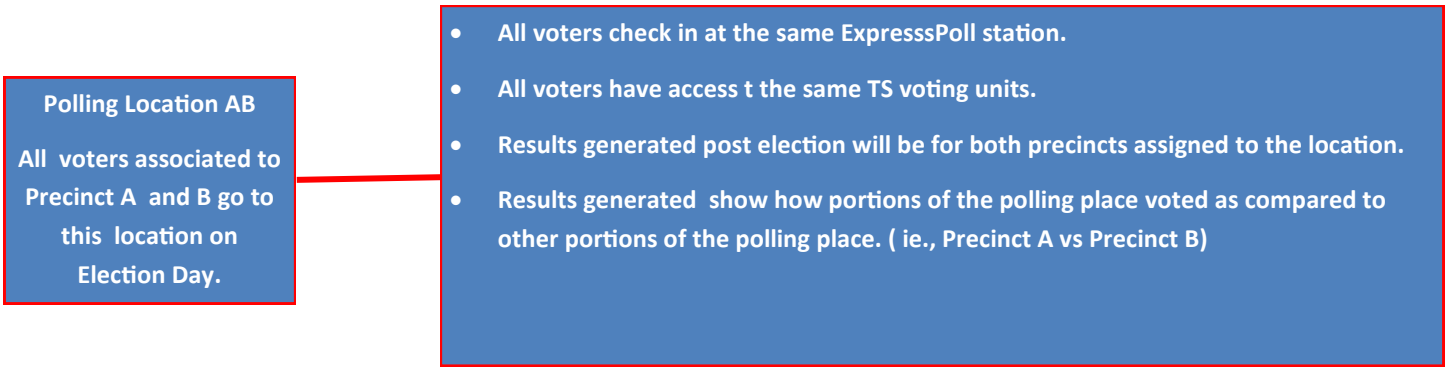


Creating Voter Centers

This maintains the current total number of Precincts within the jurisdiction, but reduces the number of Election Day Voting Locations. Precinct A and Precinct B are both assigned to the new vote center for Election Day voting purposes.



On Election Day, all voters in Precinct A and B will go to Polling Place AB.

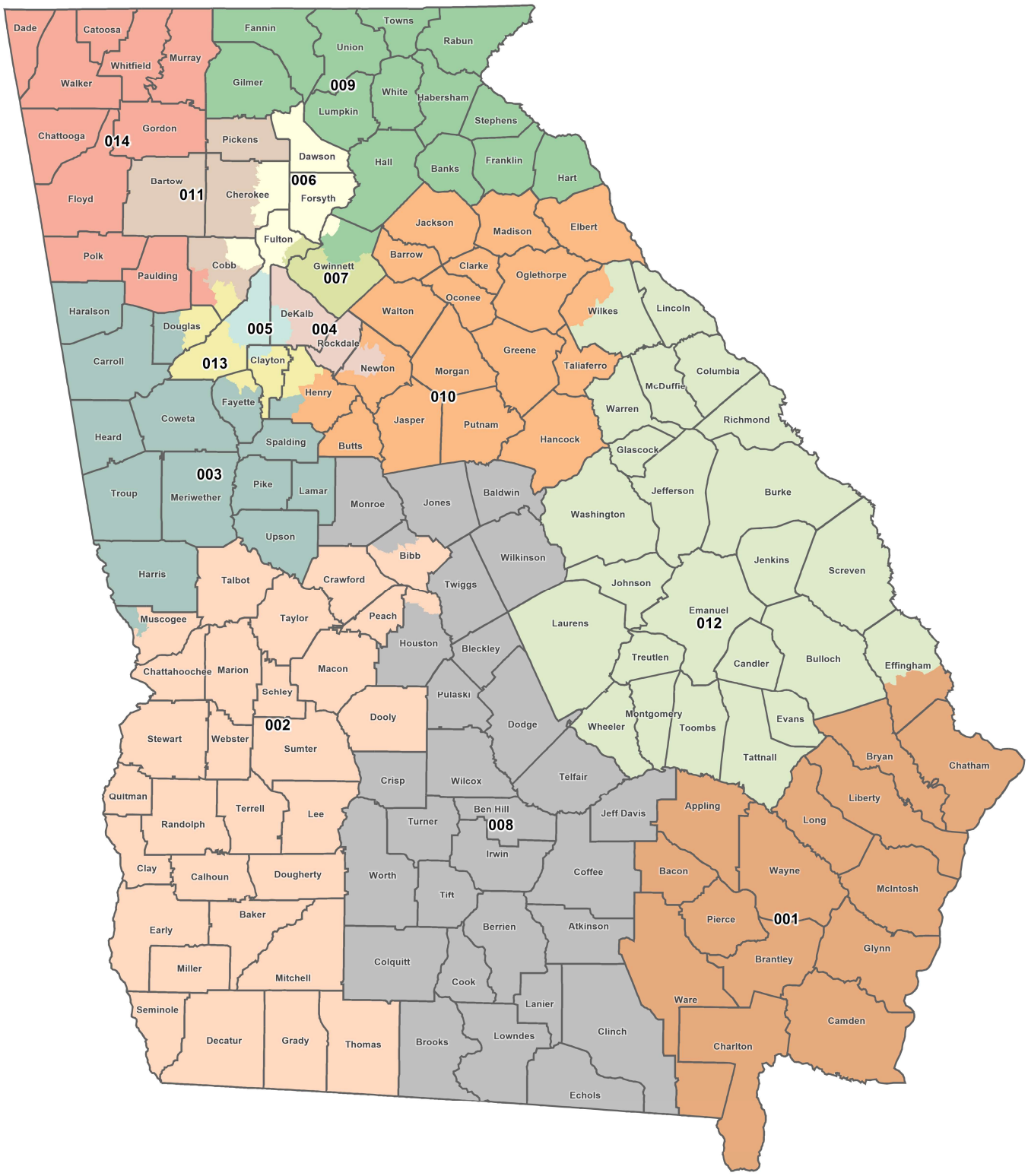


If considering either Consolidating Precincts or Creating Vote Centers, be certain to review O.C.G.A §21-2-260 through §21-2-270 for guidance.

EXHIBIT 9

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

Proposed Joint Congressional Districts of Georgia



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Districts
County
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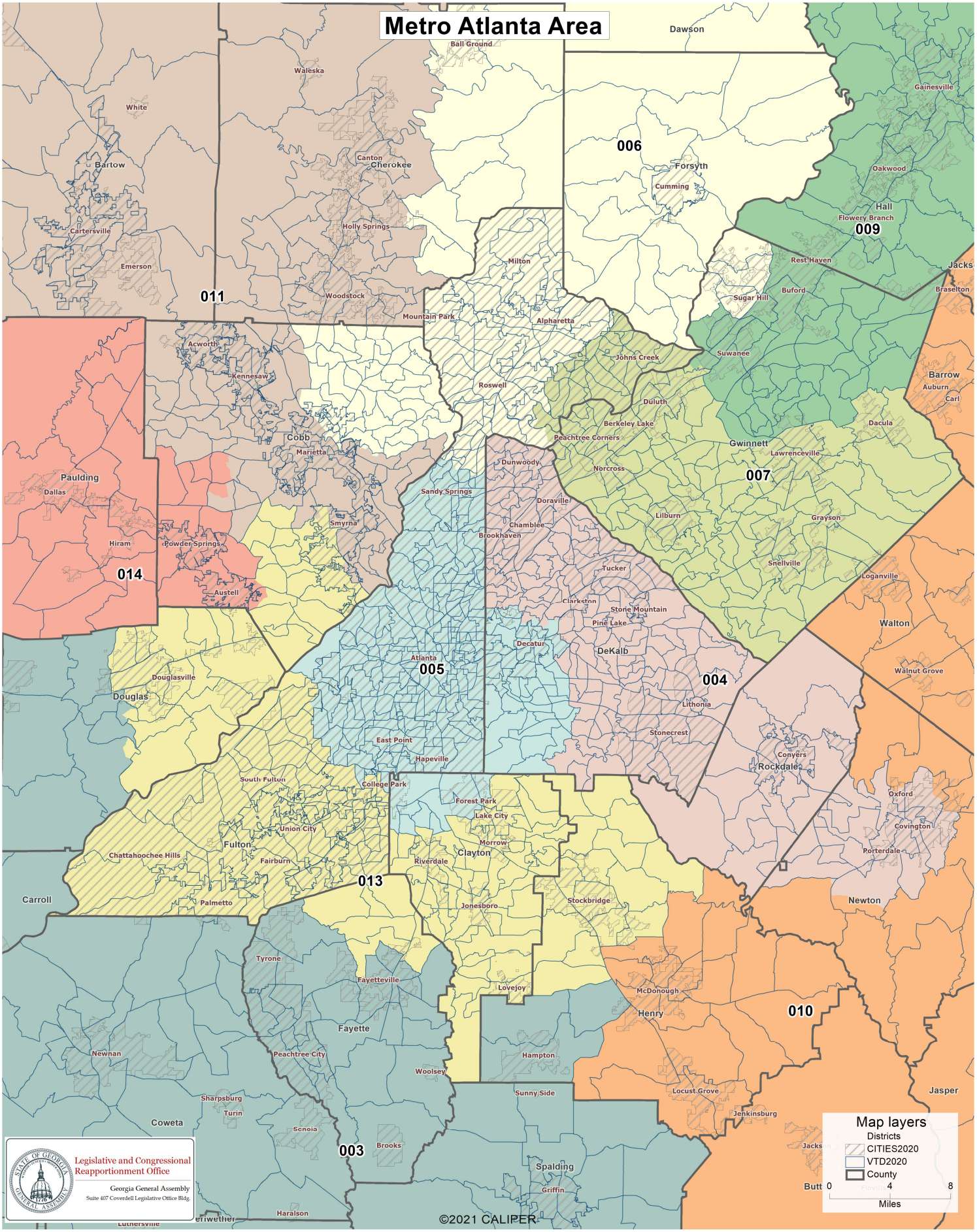
Miles

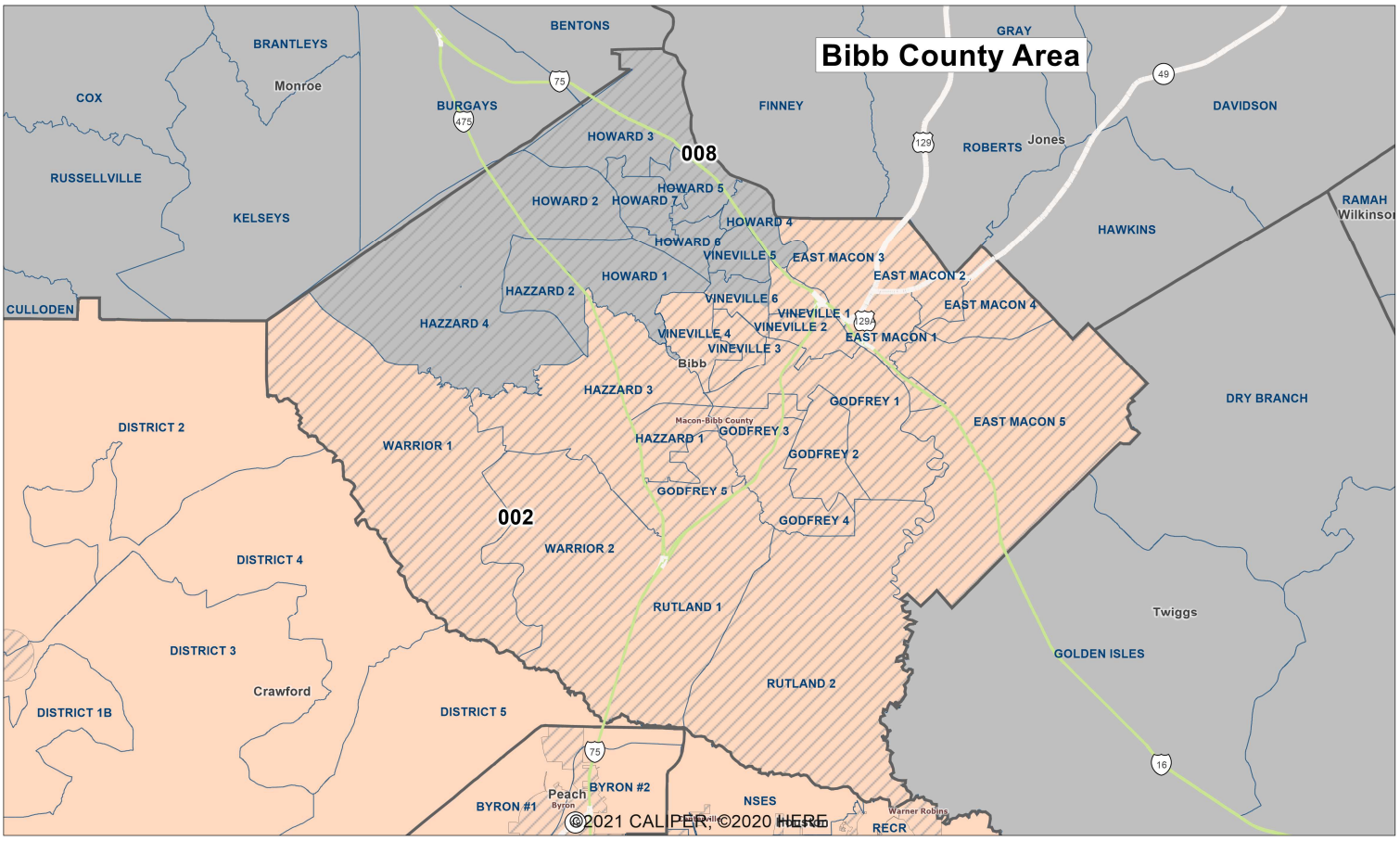
Client: S018
Plan: Congress-prop1-2021
Type: Congress

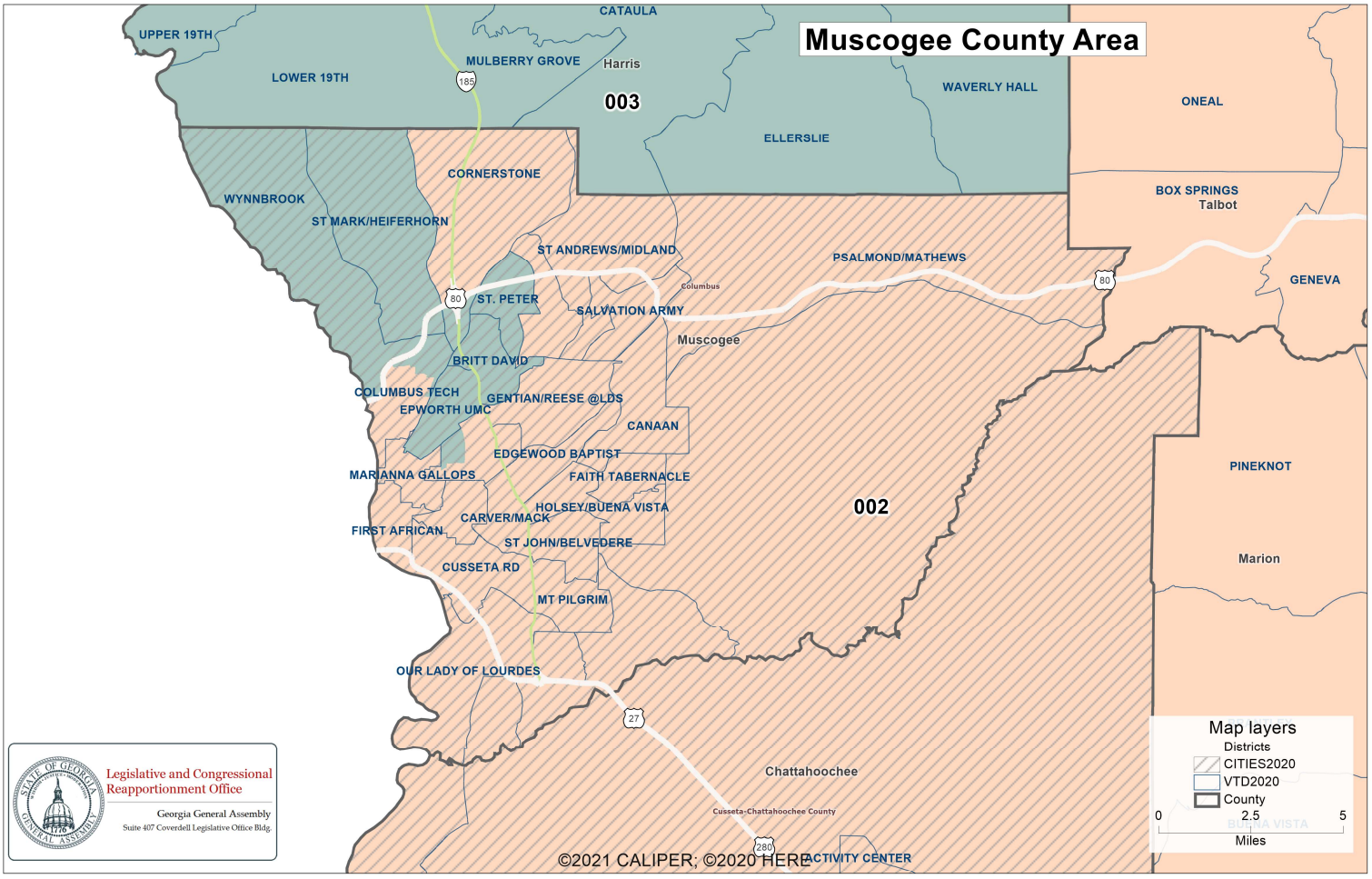
Proposed Joint Congressional Districts of Georgia



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

Proposed Joint Congressional Districts of Georgia





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

Population Summary

Summary Statistics:

Population Range:	765,135 to 765,137
Ratio Range:	0.00
Absolute Range:	-1 to 1
Absolute Overall Range:	2
Relative Range:	0.00% to 0.00%
Relative Overall Range:	0.00%
Absolute Mean Deviation:	0.71
Relative Mean Deviation:	0.00%
Standard Deviation:	0.80

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	765,137	1	0.00%	589,266	77.01%	57.59%	27.54%	7.75%	2.19%	0.24%	0.16%	0.44%	4.1%
002	765,137	1	0.00%	587,555	76.79%	39.94%	49.03%	5.95%	1.34%	0.21%	0.1%	0.34%	3.09%
003	765,136	0	0.00%	586,319	76.63%	64.37%	22.61%	6.31%	2.09%	0.21%	0.04%	0.47%	3.91%
004	765,135	-1	0.00%	589,470	77.04%	25.82%	52.19%	11.63%	6.13%	0.16%	0.04%	0.65%	3.39%
005	765,137	1	0.00%	621,515	81.23%	35.79%	48.53%	7.38%	4.09%	0.16%	0.04%	0.52%	3.49%
006	765,136	0	0.00%	574,797	75.12%	63.7%	8.58%	10.23%	12.4%	0.16%	0.04%	0.69%	4.21%
007	765,137	1	0.00%	566,934	74.1%	29.52%	28.11%	23.77%	14.26%	0.16%	0.04%	0.69%	3.45%
008	765,136	0	0.00%	585,857	76.57%	57.91%	29.72%	7.17%	1.56%	0.19%	0.05%	0.31%	3.09%
009	765,137	1	0.00%	592,520	77.44%	64.7%	9.72%	15.39%	5.95%	0.2%	0.04%	0.42%	3.59%
010	765,135	-1	0.00%	588,874	76.96%	63.58%	22.12%	7.66%	2.26%	0.17%	0.04%	0.53%	3.63%
011	765,137	1	0.00%	595,201	77.79%	61.33%	16.33%	13.04%	3.76%	0.19%	0.04%	0.82%	4.49%
012	765,136	0	0.00%	588,119	76.86%	52.13%	36.12%	5.63%	1.83%	0.21%	0.11%	0.36%	3.61%
013	765,137	1	0.00%	574,789	75.12%	16.35%	64.26%	12.23%	3.17%	0.18%	0.05%	0.66%	3.1%
014	765,135	-1	0.00%	579,058	75.68%	68.07%	13.58%	12.69%	1.14%	0.22%	0.05%	0.4%	3.85%

Total: **10,711,908**
Ideal District: **765,136**

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

Population Summary

Summary Statistics:

Population Range:	765,135 to 765,137
Ratio Range:	0.00
Absolute Range:	-1 to 1
Absolute Overall Range:	2
Relative Range:	0.00% to 0.00%
Relative Overall Range:	0.00%
Absolute Mean Deviation:	0.71
Relative Mean Deviation:	0.00%
Standard Deviation:	0.80

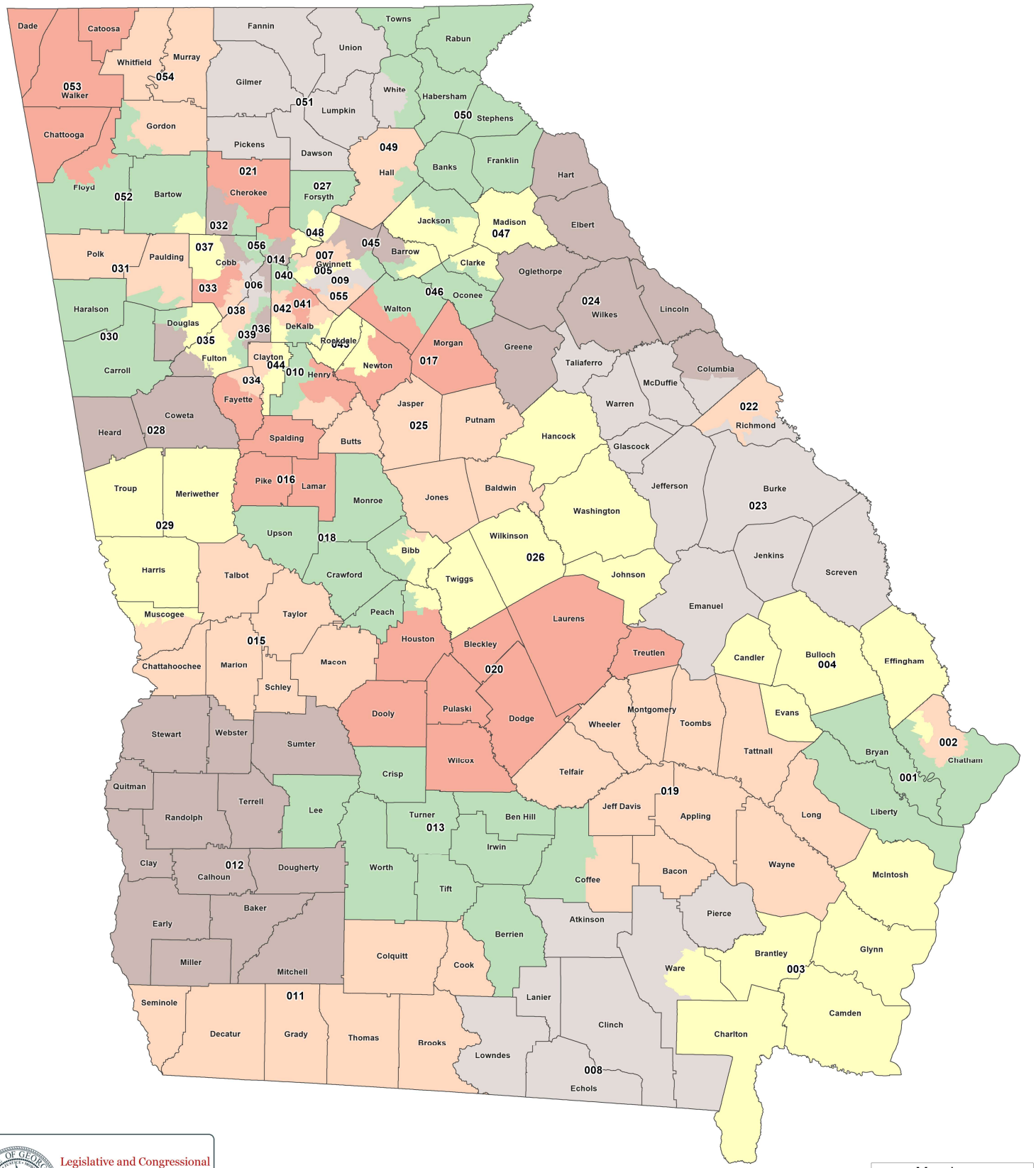
District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
001	765,137	1	0.00%	589,266	77.01%	60.41%	26.44%	6.78%	2.36%	0.26%	0.14%	0.37%	3.24%
002	765,137	1	0.00%	587,555	76.79%	42.73%	47.62%	5.12%	1.41%	0.23%	0.09%	0.28%	2.53%
003	765,136	0	0.00%	586,319	76.63%	66.83%	22%	5.33%	2.08%	0.22%	0.04%	0.38%	3.11%
004	765,135	-1	0.00%	589,470	77.04%	28.25%	51.79%	10.12%	6.09%	0.16%	0.04%	0.58%	2.96%
005	765,137	1	0.00%	621,515	81.23%	37.92%	47.14%	6.67%	4.53%	0.16%	0.04%	0.48%	3.07%
006	765,136	0	0.00%	574,797	75.12%	66.63%	8.61%	9.11%	11.44%	0.14%	0.04%	0.63%	3.41%
007	765,137	1	0.00%	566,934	74.1%	32.78%	27.35%	21.27%	14.97%	0.16%	0.04%	0.59%	2.85%
008	765,136	0	0.00%	585,857	76.57%	60.52%	28.84%	6.1%	1.6%	0.2%	0.05%	0.25%	2.43%
009	765,137	1	0.00%	592,520	77.44%	68.29%	9.37%	12.89%	5.94%	0.21%	0.03%	0.34%	2.92%
010	765,135	-1	0.00%	588,874	76.96%	66.2%	21.34%	6.51%	2.3%	0.19%	0.03%	0.46%	2.98%
011	765,137	1	0.00%	595,201	77.79%	63.99%	16.25%	11.22%	3.82%	0.2%	0.04%	0.75%	3.73%
012	765,136	0	0.00%	588,119	76.86%	54.65%	35.06%	4.87%	1.95%	0.22%	0.1%	0.3%	2.86%
013	765,137	1	0.00%	574,789	75.12%	18.82%	63.75%	10.52%	3.38%	0.19%	0.05%	0.61%	2.68%
014	765,135	-1	0.00%	579,058	75.68%	71.33%	13.14%	10.58%	1.17%	0.23%	0.04%	0.32%	3.2%

Total: **10,711,908**
Ideal District: **765,136**

EXHIBIT 10

Proposed Georgia Senate Districts

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



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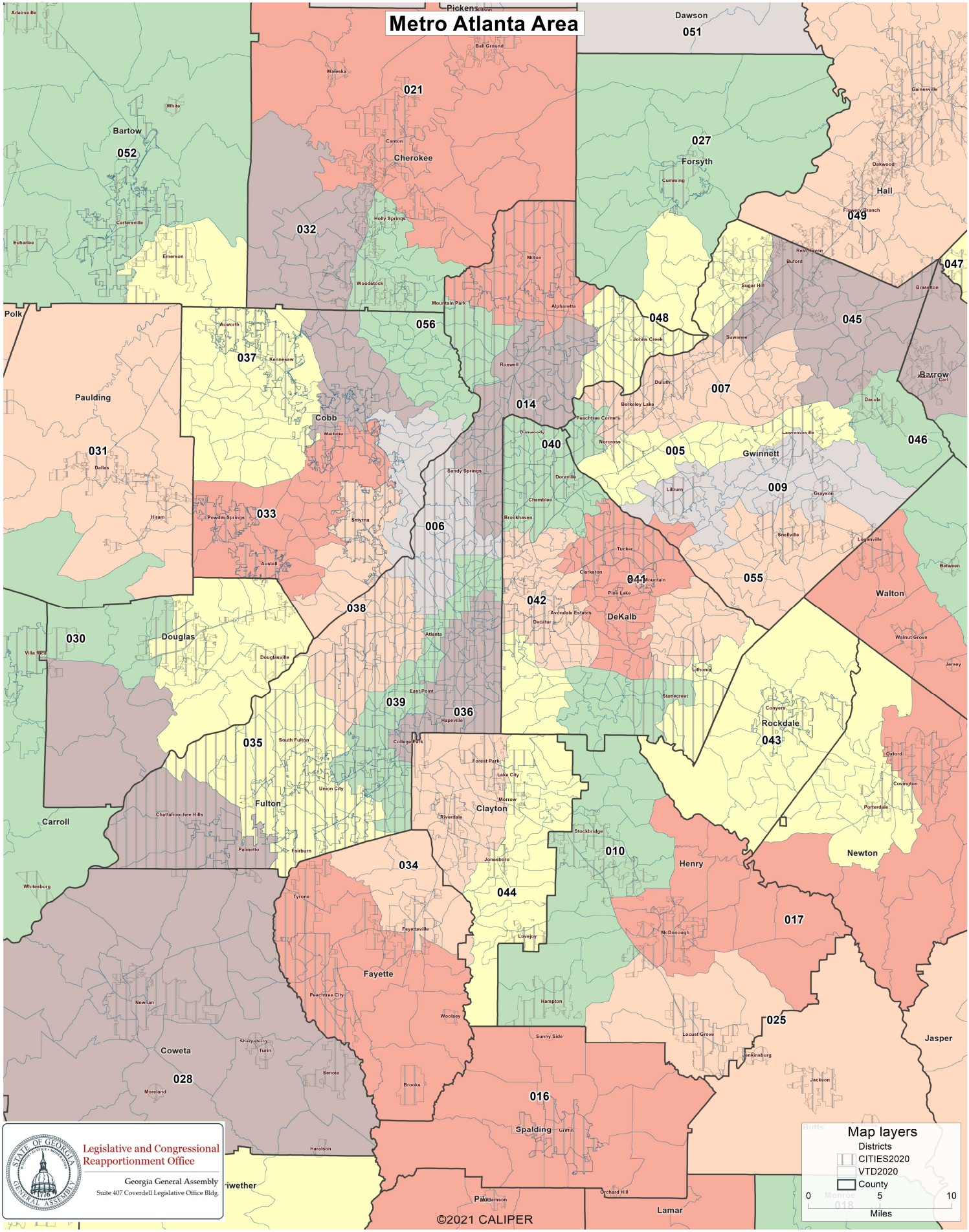
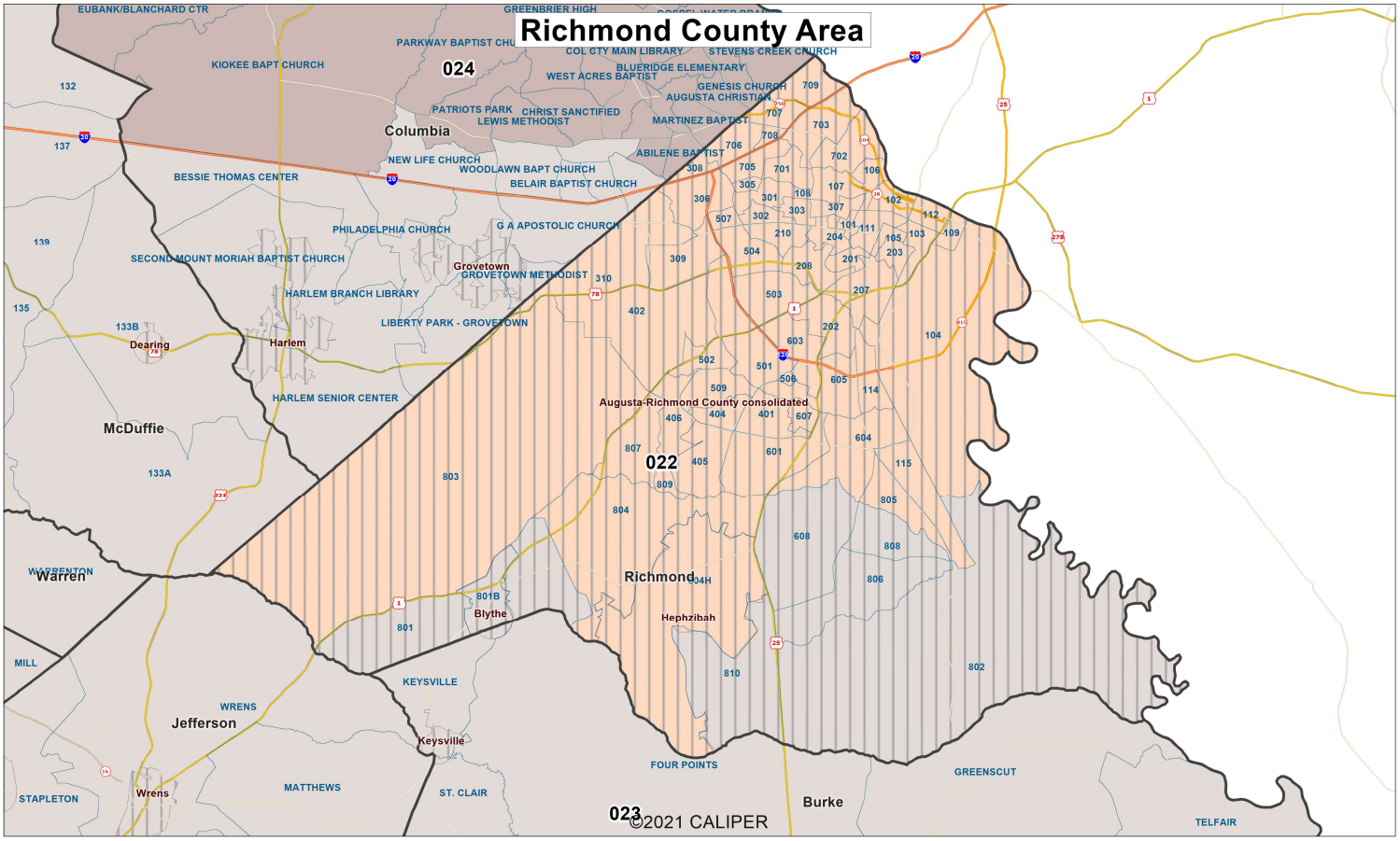
Proposed Georgia Senate Districts

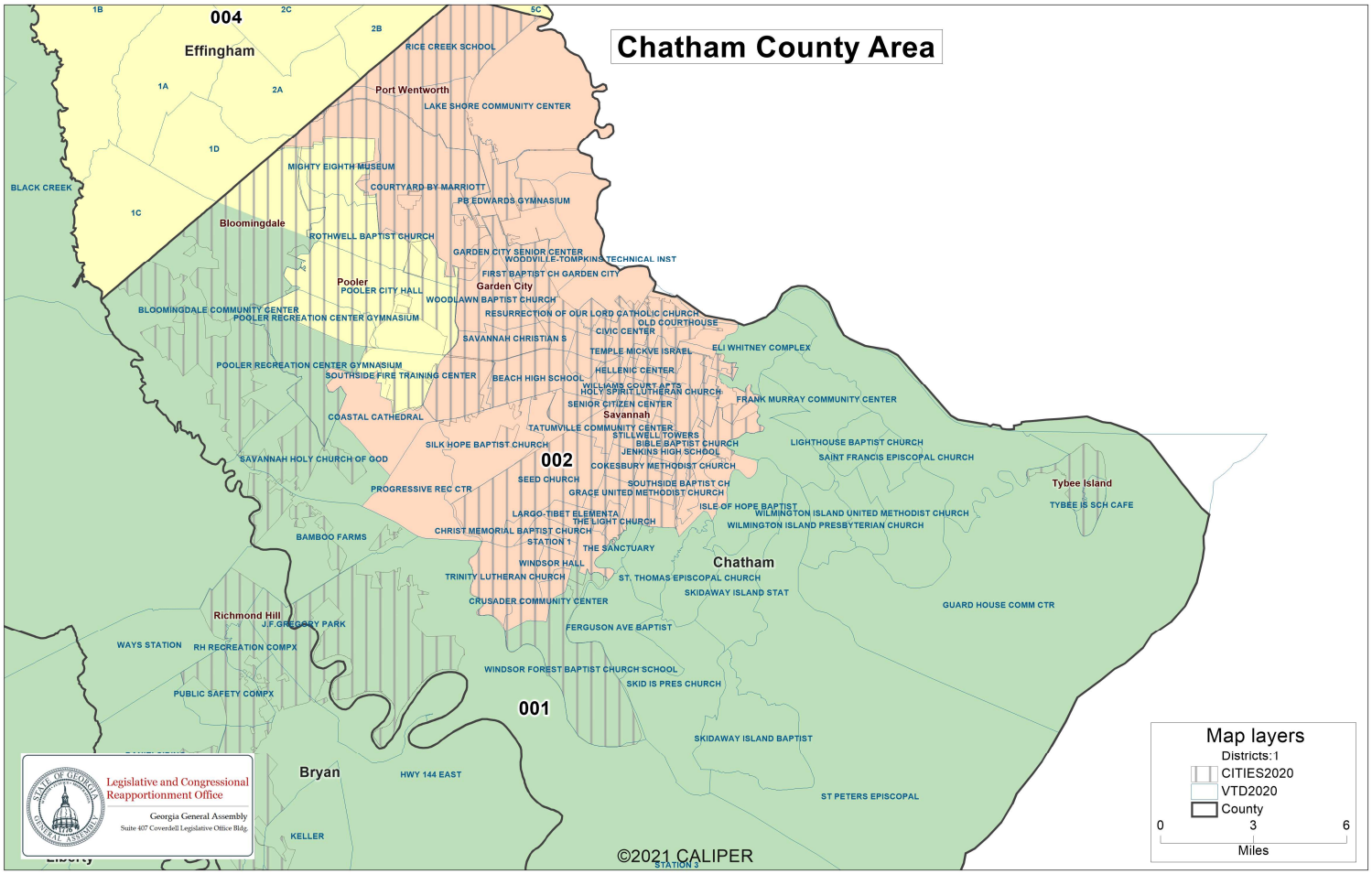
Client: S018
Plan: Senate-prop1-2021
Type: Senate



Proposed Georgia Senate Districts

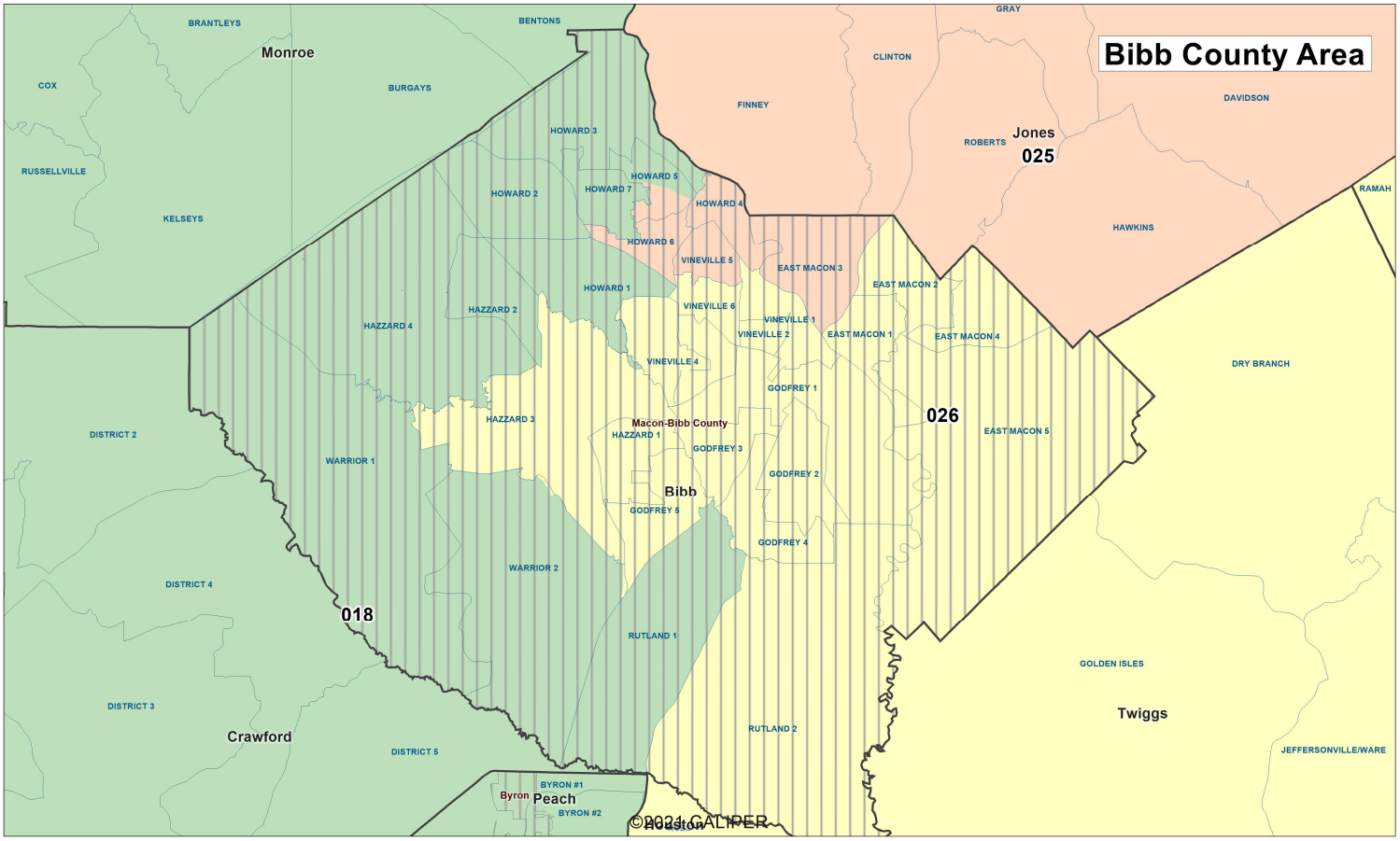
Client: S018
Plan: Senate-prop1-2021
Type: Senate

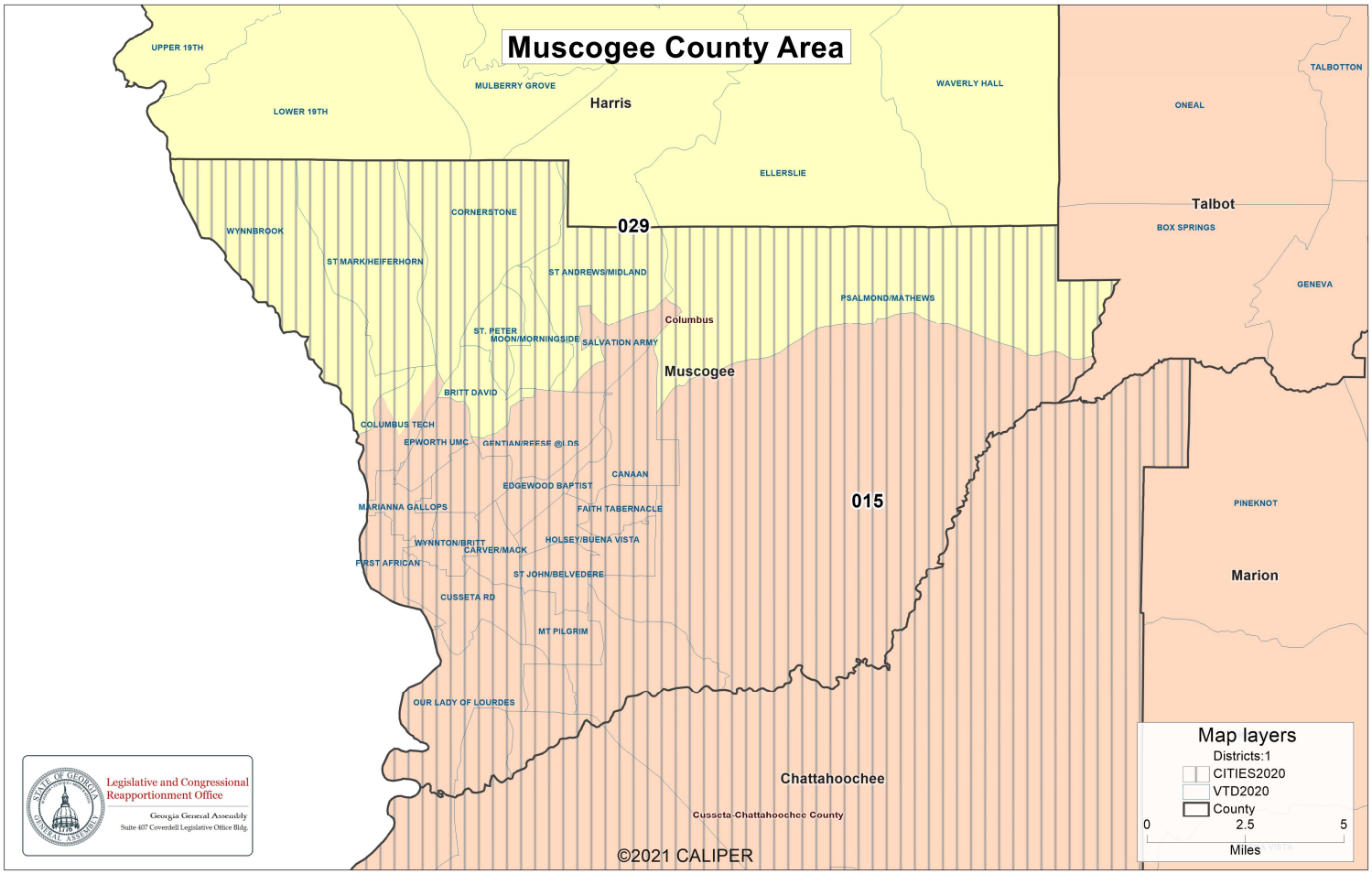




Proposed Georgia Senate Districts

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





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

Population Summary

Summary Statistics:

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

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

Population Summary

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

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

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

Population Summary

Summary Statistics:

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

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

Population Summary

Senate-prop1-2021

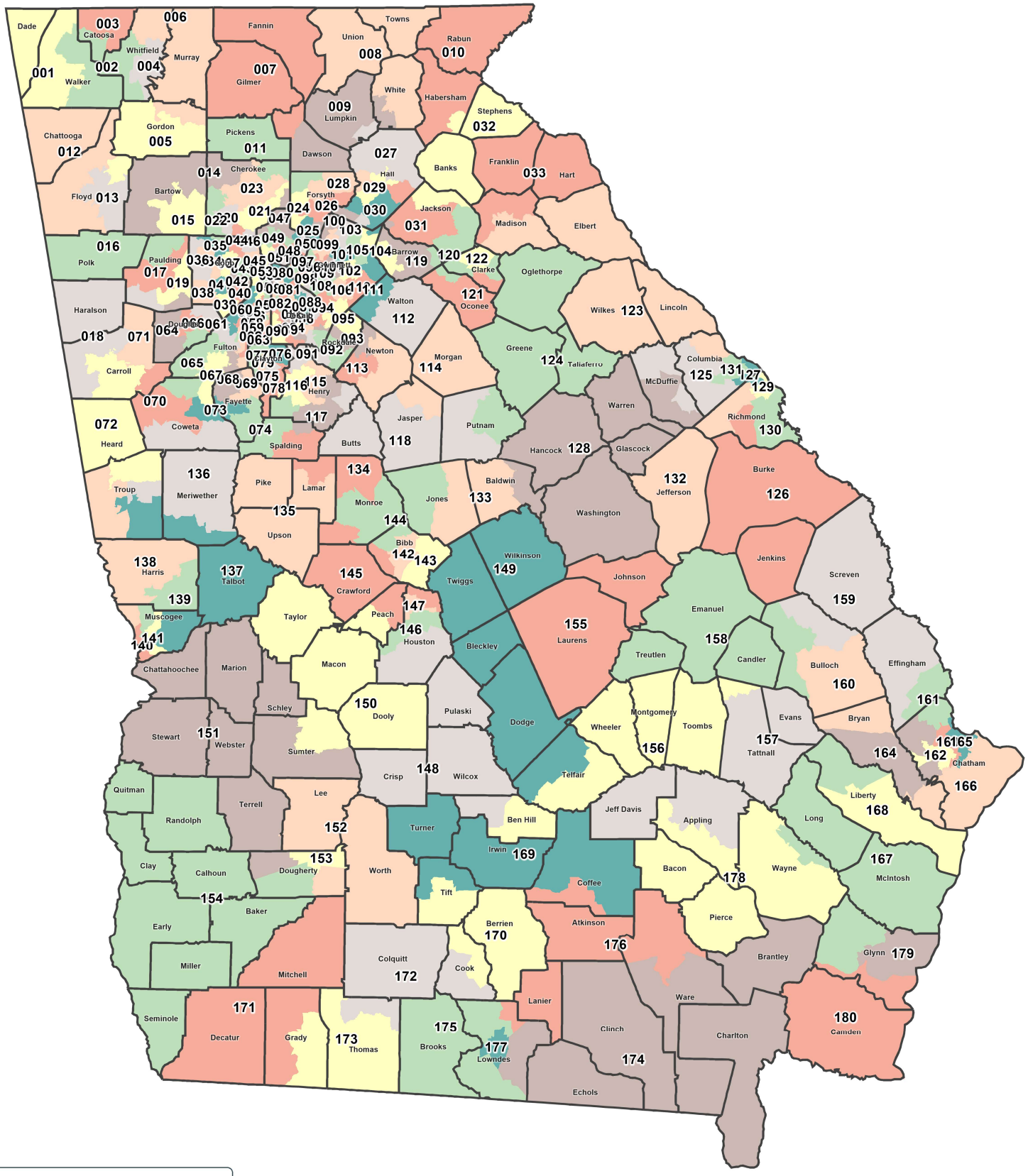
District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
029	189,424	-1,860	-0.97%	145,674	76.9%	63.22%	25.52%	4.45%	3%	0.23%	0.11%	0.33%	3.13%
030	191,475	191	0.10%	145,077	75.77%	69.41%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

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

EXHIBIT 11

Proposed Georgia House Districts

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



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

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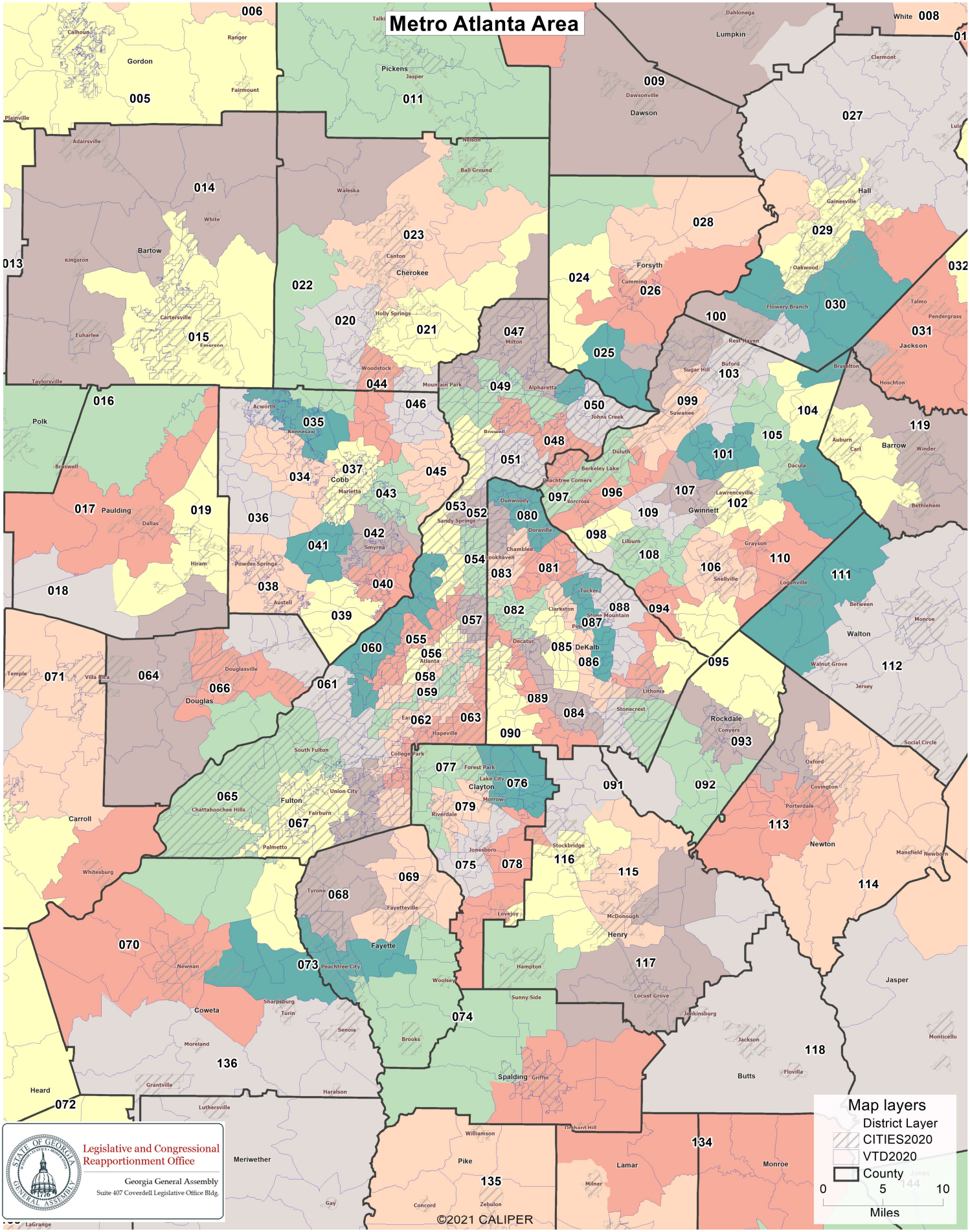
Map layers
District Layer
County
0 20 40
Miles

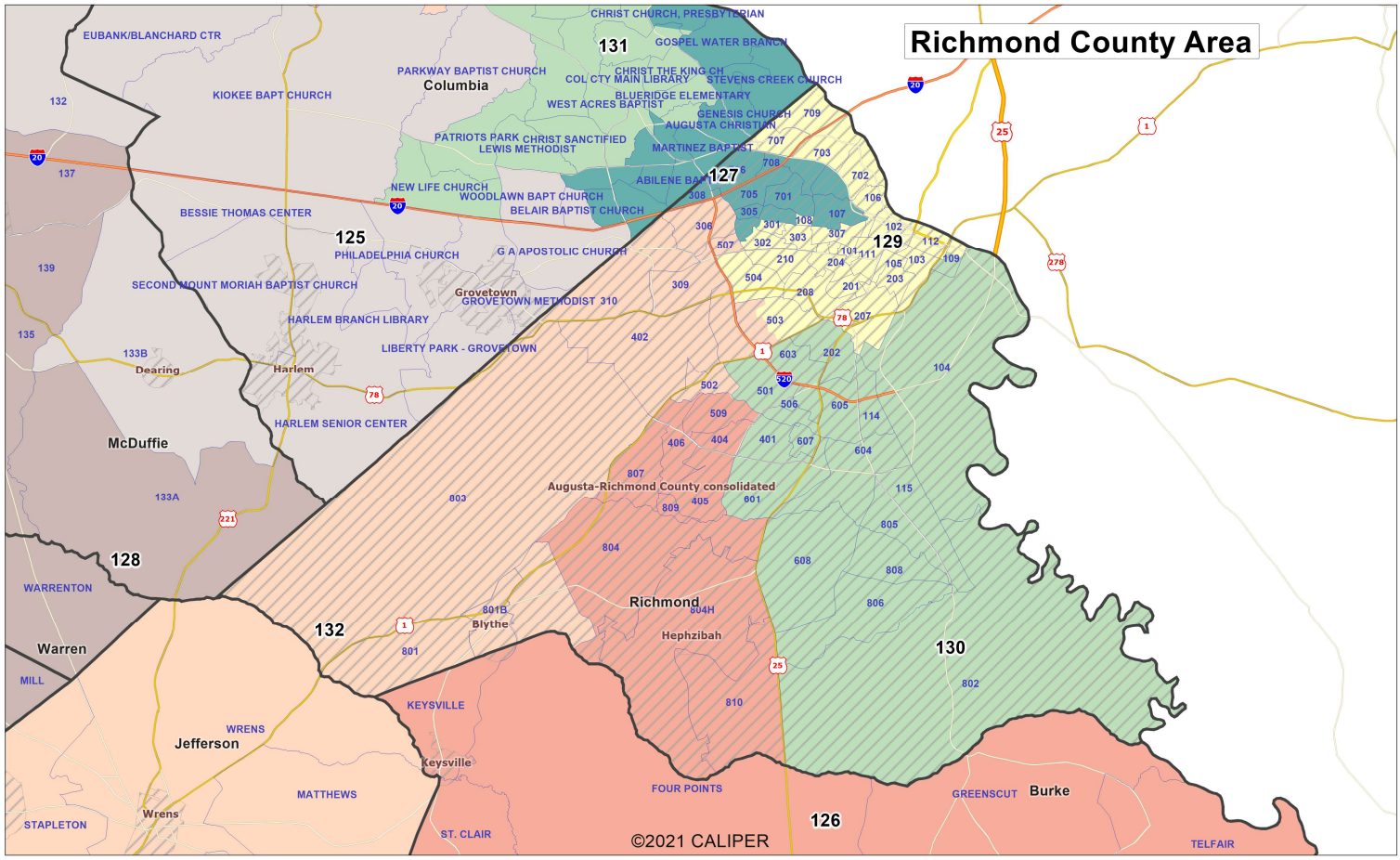
Proposed Georgia House Districts

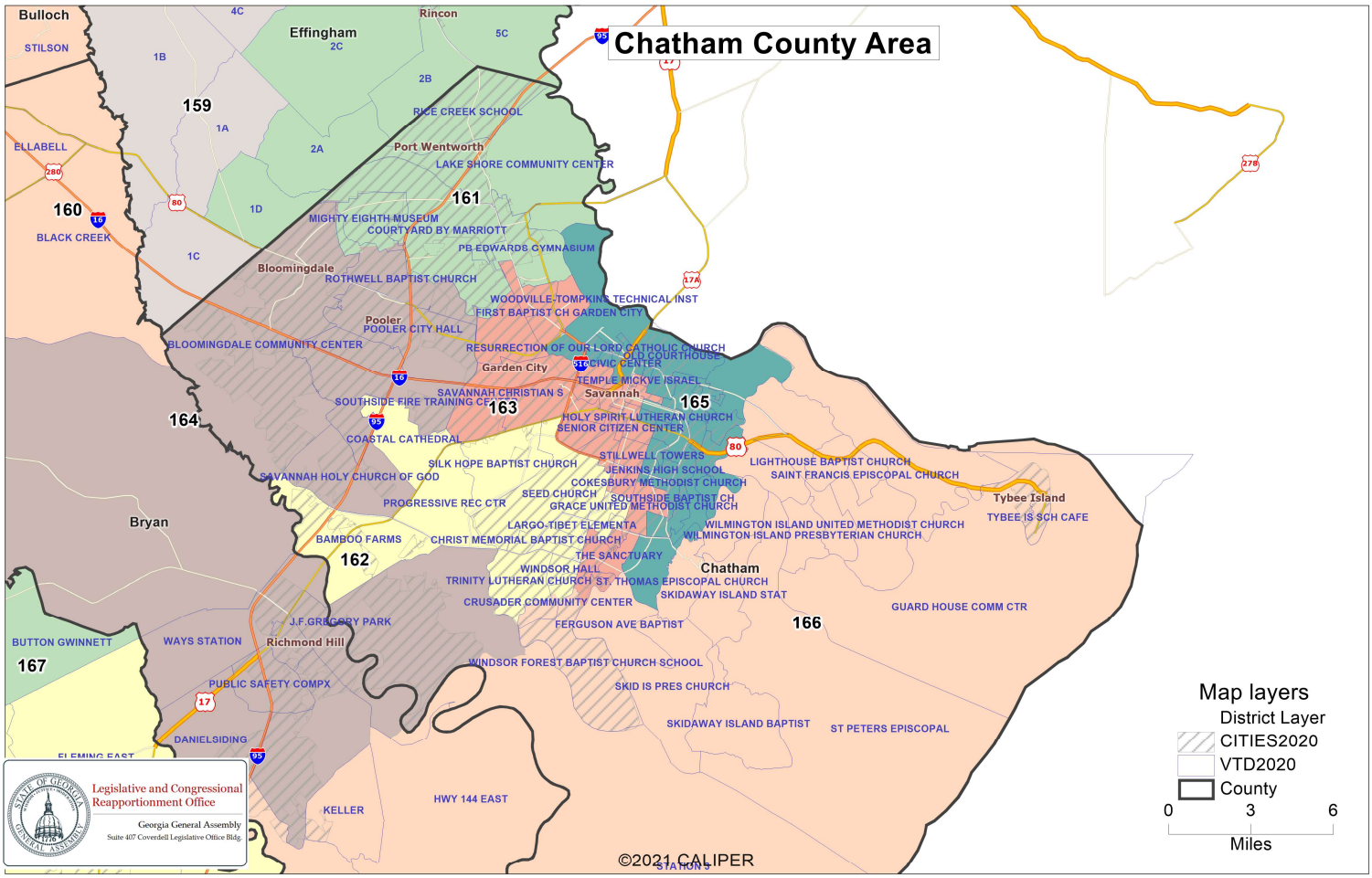
Client: H097
Plan: House-prop1-2021
Type: House



Proposed Georgia House Districts

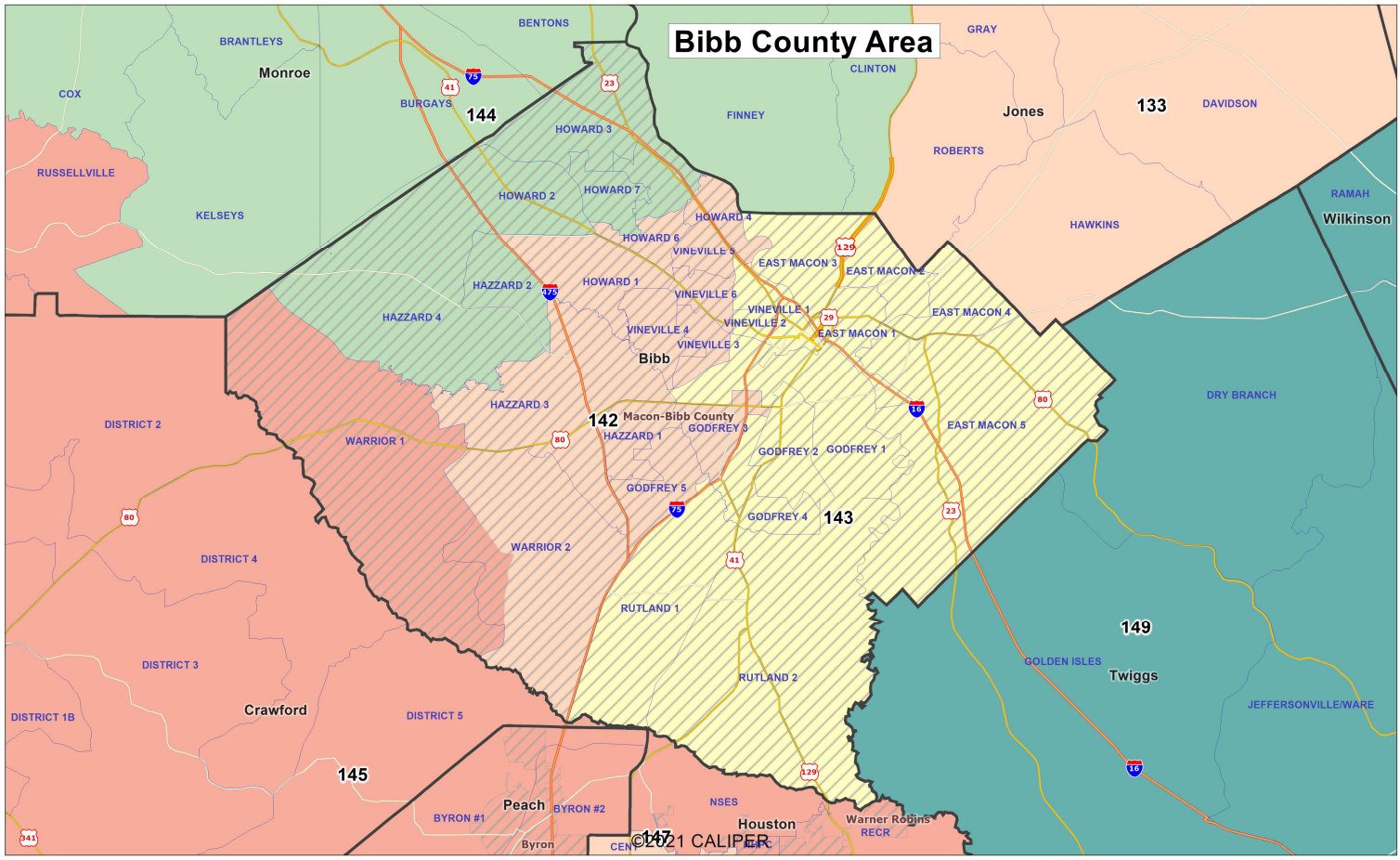
Client: H097
Plan: House-prop1-2021
Type: House

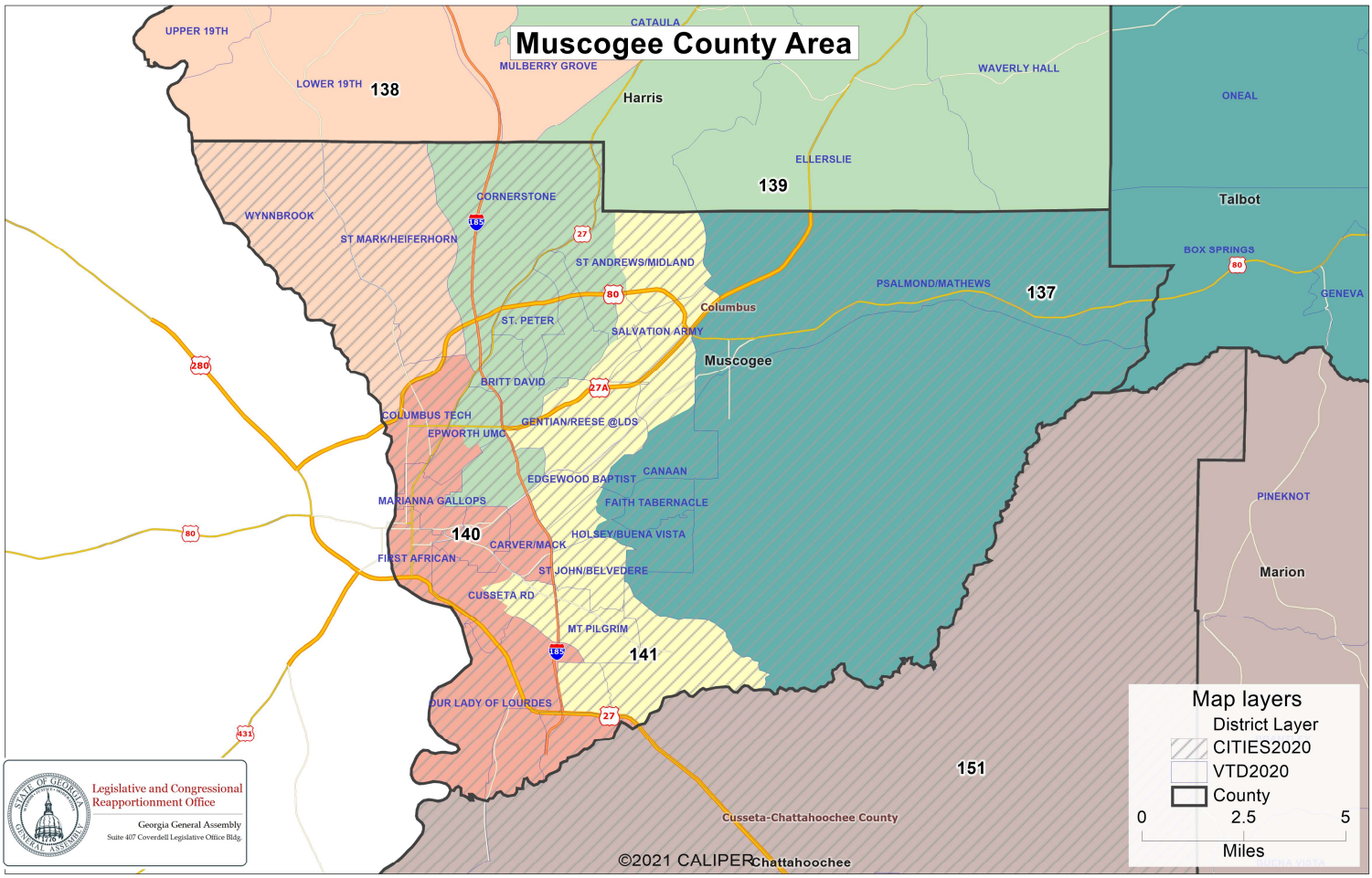




Proposed Georgia House Districts

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





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

Population Summary

Summary Statistics:

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

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

Population Summary

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

Population Summary

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

Population Summary

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

Population Summary

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

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

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

Population Summary

Summary Statistics:

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

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

Population Summary

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

Population Summary

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

Population Summary

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

Population Summary

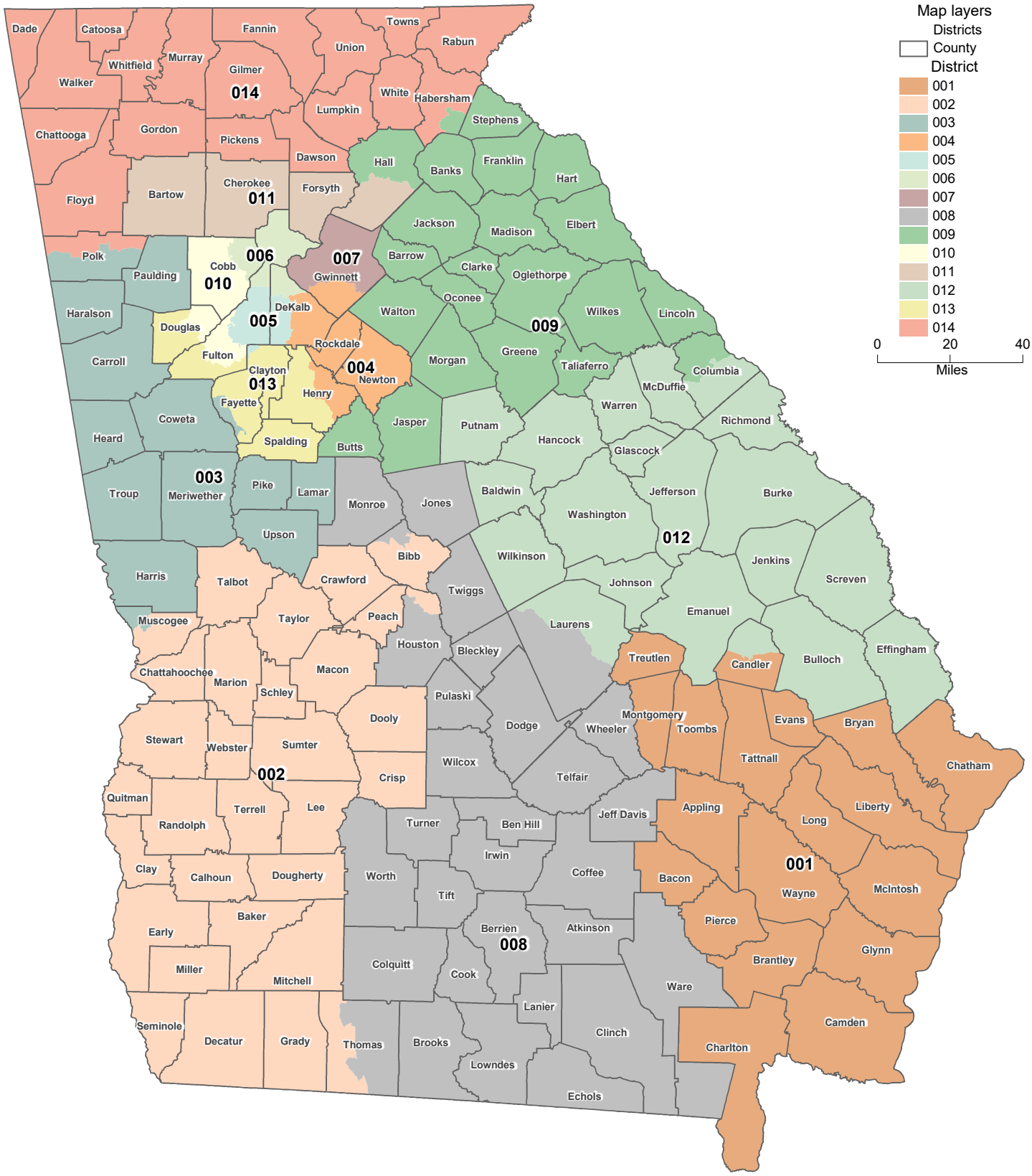
District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
158	59,440	-71	-0.12%	45,549	76.63%	62.21%	30.2%	4.52%	0.71%	0.21%	0.03%	0.18%	1.93%
159	59,895	384	0.65%	44,871	74.92%	69.39%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

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

EXHIBIT 12

Proposed Georgia Congressional Districts

client: HD143
type: Congress
plan: GHDC-GSDC-CongPlan1



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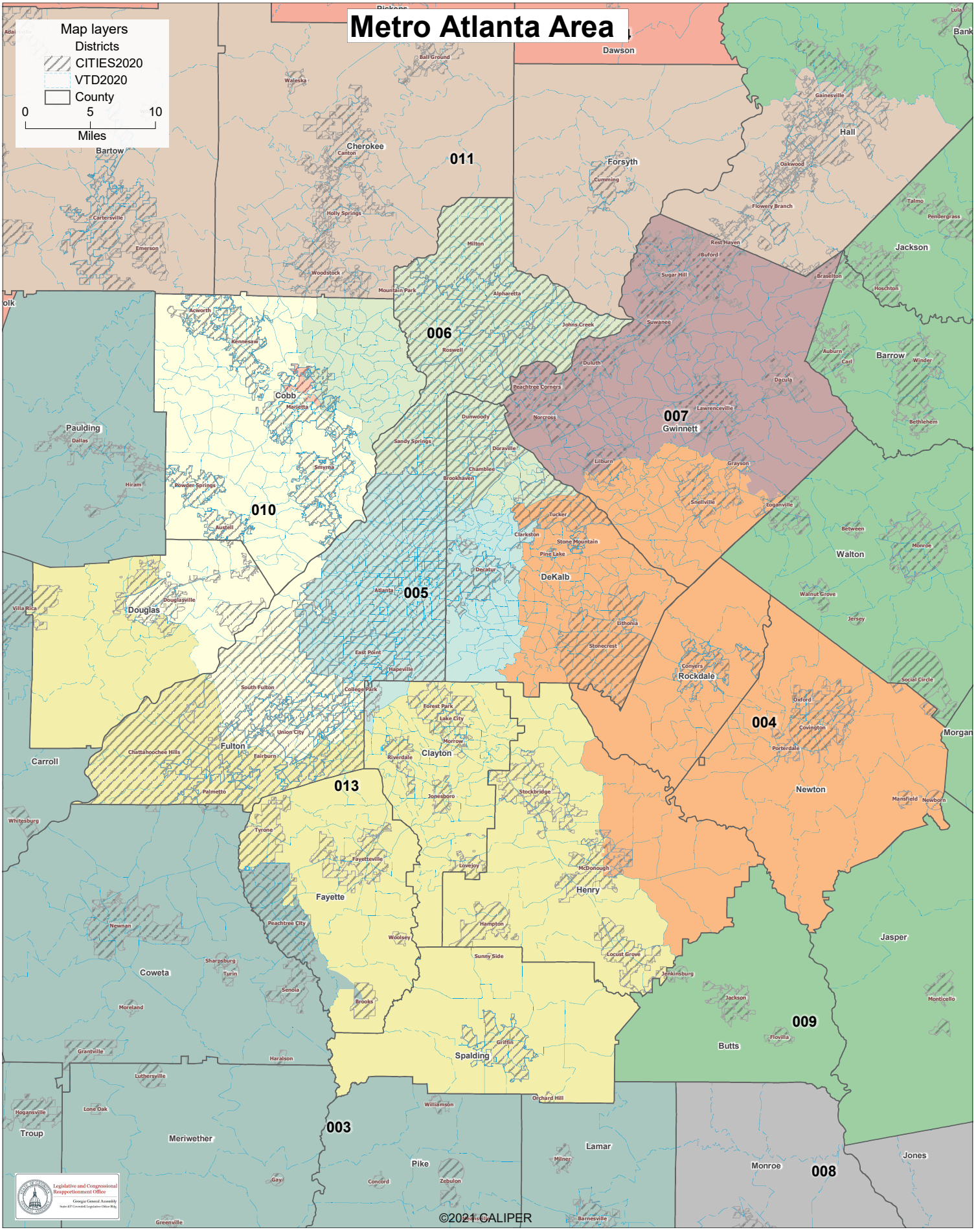
Proposed Georgia Congressional Districts

client: HD143
type: Congress
plan: GHDC-GSDC-CongPlan1



User: **HD143**
Plan Name: **GHDC-GSDC-Cong Plan1**
Plan Type: **Congress**

Population Summary

Thursday, October 21, 2021 11:23 AM

Summary Statistics:

Population Range:	765,135 to 765,137
Ratio Range:	0.00
Absolute Range:	-1 to 1
Absolute Overall Range:	2
Relative Range:	0.00% to 0.00%
Relative Overall Range:	0.00%
Absolute Mean Deviation:	0.71
Relative Mean Deviation:	0.00%
Standard Deviation:	0.80

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	765,137	1	0.00%	590,786	77.21%	56.59%	28.29%	8.28%	2.13%	0.23%	0.15%	0.42%	3.9%
002	765,135	-1	0.00%	587,666	76.81%	39.33%	49.92%	5.84%	1.24%	0.2%	0.09%	0.34%	3.05%
003	765,137	1	0.00%	581,128	75.95%	67.53%	19.58%	6.22%	1.92%	0.22%	0.05%	0.46%	4.02%
004	765,136	0	0.00%	579,213	75.7%	24.78%	58.52%	7.8%	4.46%	0.18%	0.04%	0.67%	3.56%
005	765,137	1	0.00%	623,102	81.44%	36.44%	47.63%	6.69%	4.87%	0.16%	0.03%	0.54%	3.64%
006	765,137	1	0.00%	588,726	76.94%	56.04%	12.14%	14%	12.77%	0.13%	0.04%	0.77%	4.12%
007	765,135	-1	0.00%	567,115	74.12%	32.17%	23.82%	25.63%	14.13%	0.15%	0.04%	0.65%	3.41%
008	765,136	0	0.00%	583,936	76.32%	59.13%	28.34%	7.34%	1.51%	0.2%	0.05%	0.31%	3.13%
009	765,137	1	0.00%	594,668	77.72%	70.26%	15.06%	8.18%	2.22%	0.19%	0.03%	0.47%	3.6%
010	765,137	1	0.00%	590,424	77.17%	35.53%	41.44%	14.45%	3.49%	0.18%	0.05%	0.86%	4%
011	765,137	1	0.00%	570,405	74.55%	66.31%	6.64%	15.25%	7.22%	0.19%	0.04%	0.49%	3.86%
012	765,136	0	0.00%	589,460	77.04%	52.15%	36.34%	5.1%	1.93%	0.22%	0.11%	0.38%	3.77%
013	765,135	-1	0.00%	575,033	75.15%	25.7%	56.41%	10.3%	3.38%	0.19%	0.04%	0.66%	3.31%
014	765,136	0	0.00%	598,612	78.24%	78.85%	4.31%	11.74%	0.91%	0.24%	0.03%	0.28%	3.64%

Total: **10,711,908**
Ideal District: **765,136**

User: **HD143**
Plan Name: **GHDC-GSDC-Cong Plan1**
Plan Type: **Congress**

Population Summary

Thursday, October 21, 2021 11:25 AM

Summary Statistics:

Population Range:	765,135 to 765,137
Ratio Range:	0.00
Absolute Range:	-1 to 1
Absolute Overall Range:	2
Relative Range:	0.00% to 0.00%
Relative Overall Range:	0.00%
Absolute Mean Deviation:	0.71
Relative Mean Deviation:	0.00%
Standard Deviation:	0.80

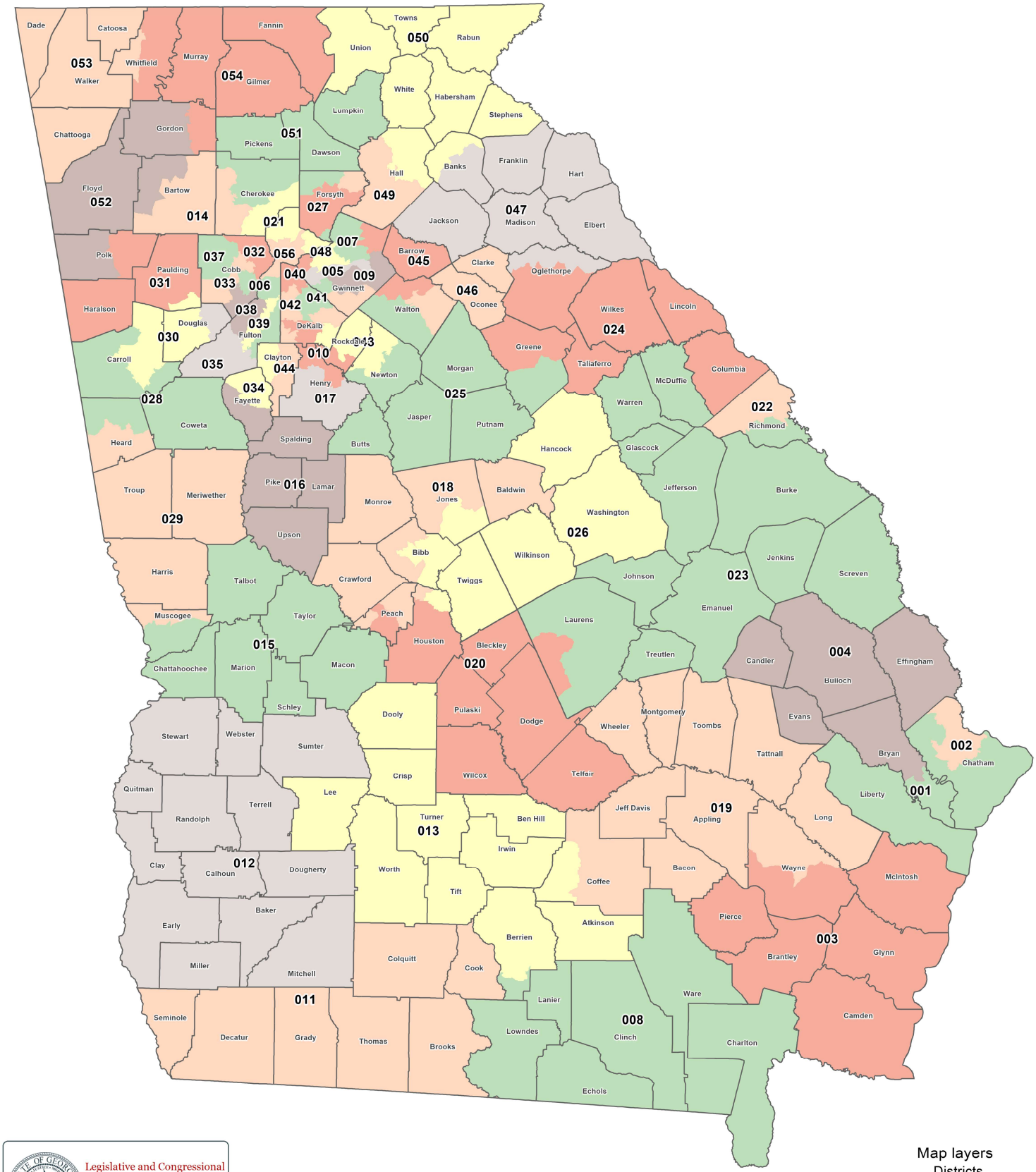
District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2 + Races]
001	765,137	1	0.00%	590,786	77.21%	59.51%	27.16%	7.2%	2.3%	0.24%	0.14%	0.36%	3.1%
002	765,135	-1	0.00%	587,666	76.81%	42.21%	48.38%	5.03%	1.31%	0.22%	0.09%	0.27%	2.49%
003	765,137	1	0.00%	581,128	75.95%	69.81%	19.11%	5.3%	1.92%	0.22%	0.06%	0.37%	3.22%
004	765,136	0	0.00%	579,213	75.7%	27.14%	57.92%	6.72%	4.33%	0.18%	0.04%	0.6%	3.07%
005	765,137	1	0.00%	623,102	81.44%	38.63%	46.2%	6.14%	5.17%	0.16%	0.04%	0.49%	3.17%
006	765,137	1	0.00%	588,726	76.94%	58.57%	12.48%	12.32%	12.44%	0.12%	0.04%	0.69%	3.35%
007	765,135	-1	0.00%	567,115	74.12%	34.96%	23.37%	23.1%	15.07%	0.15%	0.04%	0.54%	2.76%
008	765,136	0	0.00%	583,936	76.32%	61.62%	27.63%	6.23%	1.56%	0.21%	0.05%	0.24%	2.46%
009	765,137	1	0.00%	594,668	77.72%	72.75%	14.61%	6.83%	2.25%	0.2%	0.03%	0.4%	2.93%
010	765,137	1	0.00%	590,424	77.17%	38.71%	40.7%	12.5%	3.66%	0.19%	0.05%	0.8%	3.4%
011	765,137	1	0.00%	570,405	74.55%	70.01%	6.6%	13.09%	6.49%	0.18%	0.04%	0.42%	3.16%
012	765,136	0	0.00%	589,460	77.04%	54.64%	35.25%	4.45%	2.04%	0.23%	0.1%	0.32%	2.97%
013	765,135	-1	0.00%	575,033	75.15%	28.57%	55.4%	8.86%	3.57%	0.2%	0.04%	0.59%	2.76%
014	765,136	0	0.00%	598,612	78.24%	81.74%	4.22%	9.46%	0.92%	0.25%	0.03%	0.23%	3.14%

Total: **10,711,908**
Ideal District: **765,136**

EXHIBIT 13

Draft- Georgia Senate Districts

Client: S055
Plan: GSDC-SenatePlan-2021
Type: Senate



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

Map layers
Districts
County
0 20 40
Miles

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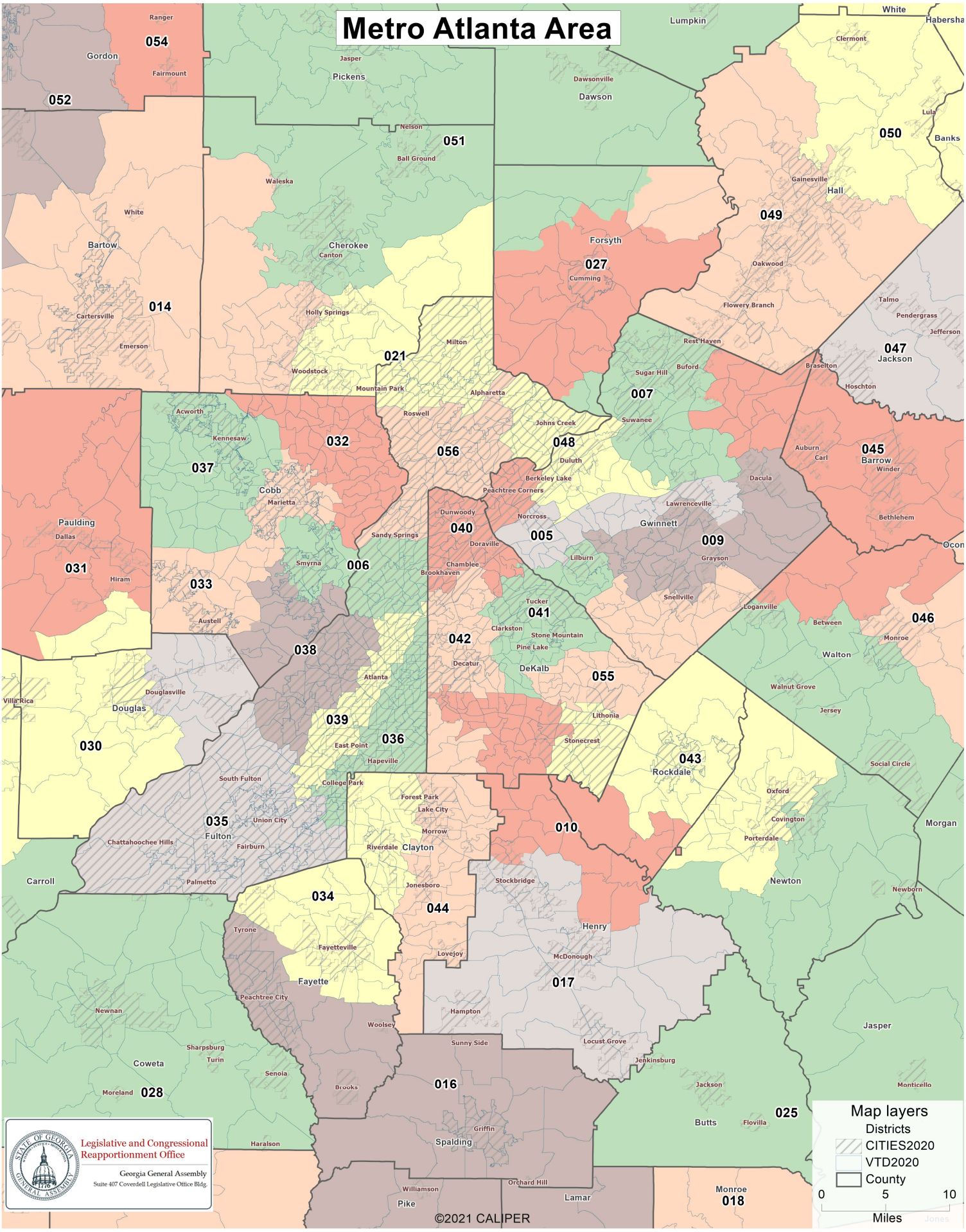
Draft- Georgia Senate Districts

Client: S055
Plan: GSDC-SenatePlan-2021
Type: Senate



User: **S055**
Plan Name: **GSDC-SenatePlan-2021**
Plan Type: **Senate**

Population Summary

Summary Statistics:

Population Range:	189,375 to 193,164
Ratio Range:	0.02
Absolute Range:	-1,909 to 1,880
Absolute Overall Range:	3,789
Relative Range:	-1.00% to 0.98%
Relative Overall Range:	1.98%
Absolute Mean Deviation:	940.36
Relative Mean Deviation:	0.49%
Standard Deviation:	1,093.63

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	190,598	-686	-0.36%	146,018	76.61%	57.47%	24.42%	9.05%	3.12%	0.26%	0.3%	0.51%	4.87%
002	191,568	284	0.15%	151,838	79.26%	36.57%	47.38%	8.33%	3.4%	0.21%	0.15%	0.46%	3.49%
003	192,453	1,169	0.61%	149,320	77.59%	69.47%	18.53%	6.1%	1.14%	0.25%	0.08%	0.42%	3.99%
004	190,742	-542	-0.28%	144,858	75.94%	65.89%	21.82%	6.25%	1.38%	0.22%	0.07%	0.34%	4.03%
005	191,787	503	0.26%	139,061	72.51%	13.25%	26.8%	45.55%	11.1%	0.15%	0.05%	0.63%	2.49%
006	192,675	1,391	0.73%	157,585	81.79%	52.01%	21.94%	13.97%	6.84%	0.16%	0.03%	0.92%	4.13%
007	191,376	92	0.05%	142,469	74.44%	43.9%	16.31%	15.98%	19.08%	0.13%	0.04%	0.63%	3.93%
008	190,427	-857	-0.45%	144,304	75.78%	54.97%	32.33%	7.18%	1.3%	0.28%	0.08%	0.35%	3.52%
009	192,411	1,127	0.59%	140,976	73.27%	35.63%	30.78%	18.22%	10.72%	0.18%	0.03%	0.76%	3.68%
010	192,374	1,090	0.57%	150,833	78.41%	18.25%	71.96%	4.65%	1.13%	0.15%	0.03%	0.6%	3.22%
011	189,976	-1,308	-0.68%	144,597	76.11%	55.75%	31.13%	9.36%	0.69%	0.23%	0.03%	0.26%	2.54%
012	190,819	-465	-0.24%	149,154	78.17%	33.83%	58.82%	3.89%	0.86%	0.16%	0.02%	0.21%	2.2%
013	189,546	-1,738	-0.91%	145,065	76.53%	59.94%	28.77%	7.03%	1.15%	0.17%	0.02%	0.26%	2.66%
014	191,772	488	0.26%	147,067	76.69%	72.13%	9.61%	11.25%	1.73%	0.21%	0.04%	0.52%	4.52%
015	191,139	-145	-0.08%	145,887	76.33%	34.74%	51.64%	7.61%	1.23%	0.23%	0.28%	0.44%	3.83%
016	192,882	1,598	0.84%	148,684	77.09%	66.3%	21.97%	4.94%	2.52%	0.18%	0.03%	0.43%	3.64%
017	191,682	398	0.21%	142,279	74.23%	35.21%	48.81%	7.49%	3.66%	0.18%	0.05%	0.7%	3.9%
018	191,993	709	0.37%	152,241	79.3%	59.91%	30.32%	3.97%	2.15%	0.2%	0.04%	0.39%	3.03%
019	191,555	271	0.14%	144,639	75.51%	61.75%	24.08%	10.17%	0.63%	0.17%	0.07%	0.27%	2.86%
020	192,322	1,038	0.54%	147,280	76.58%	57.47%	29.9%	6.21%	2.33%	0.15%	0.06%	0.34%	3.54%
021	192,874	1,590	0.83%	145,725	75.55%	71.74%	7.06%	8.81%	7.2%	0.13%	0.04%	0.65%	4.36%
022	190,738	-546	-0.29%	148,558	77.89%	30.85%	56.74%	5.7%	2%	0.24%	0.19%	0.43%	3.86%
023	192,643	1,359	0.71%	148,761	77.22%	54.62%	38.6%	3.09%	0.57%	0.21%	0.05%	0.25%	2.6%
024	193,164	1,880	0.98%	144,202	74.65%	61.99%	21%	7.17%	3.8%	0.22%	0.14%	0.5%	5.16%
025	189,526	-1,758	-0.92%	146,990	77.56%	68.59%	21.55%	4.89%	0.81%	0.16%	0.04%	0.47%	3.48%
026	190,042	-1,242	-0.65%	145,018	76.31%	33.41%	57.75%	4.57%	0.69%	0.21%	0.03%	0.32%	3.02%
027	189,375	-1,909	-1.00%	136,237	71.94%	60.36%	4.48%	10.65%	20.08%	0.19%	0.04%	0.53%	3.68%
028	190,376	-908	-0.47%	145,762	76.57%	70.44%	16.15%	6.86%	1.9%	0.2%	0.04%	0.42%	3.99%
029	193,111	1,827	0.96%	148,404	76.85%	60.78%	26.28%	5.21%	3.04%	0.23%	0.1%	0.41%	3.95%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
030	191,754	470	0.25%	143,599	74.89%	51.77%	32.18%	9.35%	1.33%	0.25%	0.03%	0.67%	4.42%
031	192,251	967	0.51%	142,589	74.17%	70.56%	17.23%	6.1%	1.05%	0.22%	0.06%	0.55%	4.22%
032	189,483	-1,801	-0.94%	143,627	75.8%	67.33%	8.85%	7.98%	9.63%	0.15%	0.03%	1.04%	5%
033	191,326	42	0.02%	146,508	76.58%	31.6%	37.29%	23.45%	2.55%	0.2%	0.06%	1.02%	3.82%
034	190,111	-1,173	-0.61%	142,069	74.73%	16.6%	63.18%	12.9%	3.51%	0.21%	0.04%	0.63%	2.93%
035	190,183	-1,101	-0.58%	142,920	75.15%	12.76%	74.94%	7.85%	0.79%	0.15%	0.05%	0.65%	2.82%
036	191,251	-33	-0.02%	156,243	81.7%	32.2%	52.66%	7.74%	2.96%	0.18%	0.04%	0.56%	3.66%
037	192,450	1,166	0.61%	149,015	77.43%	59.82%	20.1%	9.85%	4.45%	0.15%	0.03%	0.81%	4.79%
038	190,326	-958	-0.50%	145,743	76.58%	21.61%	61.38%	10.86%	2.18%	0.16%	0.03%	0.55%	3.22%
039	192,581	1,297	0.68%	163,389	84.84%	30.1%	54.3%	6.21%	5.38%	0.16%	0.03%	0.49%	3.33%
040	190,575	-709	-0.37%	146,945	77.11%	47.18%	15.7%	21.16%	11.54%	0.13%	0.04%	0.65%	3.6%
041	192,810	1,526	0.80%	145,592	75.51%	22.36%	49.31%	11.43%	12.6%	0.2%	0.02%	0.63%	3.44%
042	191,905	621	0.32%	153,986	80.24%	52.75%	20.22%	14.31%	7.67%	0.13%	0.03%	0.62%	4.28%
043	191,400	116	0.06%	144,515	75.5%	20.63%	66.4%	7.7%	1.07%	0.17%	0.08%	0.64%	3.31%
044	191,092	-192	-0.10%	143,997	75.35%	11.04%	67.7%	12.64%	4.94%	0.19%	0.04%	0.64%	2.81%
045	189,456	-1,828	-0.96%	140,381	74.1%	61.94%	14.75%	12.18%	6.42%	0.15%	0.02%	0.57%	3.97%
046	190,233	-1,051	-0.55%	151,867	79.83%	61.77%	20.85%	9.22%	3.75%	0.19%	0.04%	0.66%	3.52%
047	191,320	36	0.02%	146,478	76.56%	77.13%	10.59%	6.55%	1.68%	0.17%	0.02%	0.34%	3.52%
048	190,605	-679	-0.35%	144,989	76.07%	35.12%	17.06%	15.3%	27.95%	0.14%	0.05%	0.67%	3.71%
049	189,962	-1,322	-0.69%	143,408	75.49%	58.49%	7.1%	28.76%	2.17%	0.17%	0.04%	0.35%	2.92%
050	191,081	-203	-0.11%	153,192	80.17%	83.01%	3.43%	8.29%	0.99%	0.24%	0.03%	0.28%	3.73%
051	189,523	-1,761	-0.92%	147,182	77.66%	82.09%	2.77%	9.32%	1.1%	0.27%	0.04%	0.34%	4.08%
052	192,534	1,250	0.65%	146,954	76.33%	70.88%	10.17%	13.57%	1.16%	0.21%	0.03%	0.33%	3.64%
053	190,870	-414	-0.22%	148,628	77.87%	86.75%	3.9%	3.75%	0.87%	0.24%	0.06%	0.25%	4.18%
054	190,285	-999	-0.52%	145,956	76.7%	69.59%	2%	24.1%	0.89%	0.21%	0.01%	0.24%	2.96%
055	192,719	1,435	0.75%	144,392	74.92%	15.77%	66.26%	9.66%	3.72%	0.18%	0.04%	0.75%	3.62%
056	191,876	592	0.31%	152,298	79.37%	55.64%	15.86%	13.13%	10.11%	0.13%	0.04%	0.84%	4.24%

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

User: **S055**
Plan Name: **GSDC-SenatePlan-2021**
Plan Type: **Senate**

Population Summary

Summary Statistics:

Population Range:	189,375 to 193,164
Ratio Range:	0.02
Absolute Range:	-1,909 to 1,880
Absolute Overall Range:	3,789
Relative Range:	-1.00% to 0.98%
Relative Overall Range:	1.98%
Absolute Mean Deviation:	940.36
Relative Mean Deviation:	0.49%
Standard Deviation:	1,093.63

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Ind]	[% NH18+_Asn]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
001	190,598	-686	-0.36%	146,018	76.61%	60.64%	23.47%	7.8%	0.28%	3.28%	0.28%	0.44%	3.81%
002	191,568	284	0.15%	151,838	79.26%	40.37%	44.69%	7.45%	0.22%	3.76%	0.15%	0.41%	2.94%
003	192,453	1,169	0.61%	149,320	77.59%	72.2%	17.66%	5.13%	0.26%	1.18%	0.07%	0.34%	3.16%
004	190,742	-542	-0.28%	144,858	75.94%	68.16%	21.28%	5.27%	0.24%	1.42%	0.07%	0.29%	3.27%
005	191,787	503	0.26%	139,061	72.51%	15.58%	27.17%	41.75%	0.14%	12.52%	0.05%	0.54%	2.26%
006	192,675	1,391	0.73%	157,585	81.79%	54.26%	22%	12.06%	0.16%	7%	0.03%	0.9%	3.6%
007	191,376	92	0.05%	142,469	74.44%	46.59%	16.09%	14.49%	0.13%	19.22%	0.04%	0.51%	2.92%
008	190,427	-857	-0.45%	144,304	75.78%	57.48%	31.06%	6.6%	0.3%	1.37%	0.08%	0.28%	2.83%
009	192,411	1,127	0.59%	140,976	73.27%	39.47%	29.34%	16.34%	0.17%	11.13%	0.03%	0.62%	2.92%
010	192,374	1,090	0.57%	150,833	78.41%	19.92%	71.35%	3.96%	0.16%	1.15%	0.02%	0.56%	2.88%
011	189,976	-1,308	-0.68%	144,597	76.11%	58.97%	30.08%	7.6%	0.26%	0.72%	0.02%	0.22%	2.13%
012	190,819	-465	-0.24%	149,154	78.17%	36.71%	56.63%	3.48%	0.18%	0.92%	0.02%	0.18%	1.88%
013	189,546	-1,738	-0.91%	145,065	76.53%	62.69%	27.77%	5.85%	0.18%	1.15%	0.02%	0.2%	2.14%
014	191,772	488	0.26%	147,067	76.69%	74.97%	9.36%	9.5%	0.22%	1.79%	0.03%	0.43%	3.7%
015	191,139	-145	-0.08%	145,887	76.33%	37.22%	50.9%	6.62%	0.24%	1.37%	0.25%	0.36%	3.06%
016	192,882	1,598	0.84%	148,684	77.09%	68.73%	21.22%	4.2%	0.18%	2.39%	0.02%	0.34%	2.9%
017	191,682	398	0.21%	142,279	74.23%	38.02%	47.53%	6.64%	0.19%	3.77%	0.06%	0.62%	3.18%
018	191,993	709	0.37%	152,241	79.3%	62.23%	29.25%	3.43%	0.2%	2.17%	0.04%	0.3%	2.39%
019	191,555	271	0.14%	144,639	75.51%	64.47%	23.82%	8.42%	0.18%	0.68%	0.06%	0.19%	2.17%
020	192,322	1,038	0.54%	147,280	76.58%	59.23%	29.61%	5.66%	0.16%	2.37%	0.06%	0.28%	2.64%
021	192,874	1,590	0.83%	145,725	75.55%	73.93%	6.95%	7.94%	0.14%	6.94%	0.04%	0.58%	3.47%
022	190,738	-546	-0.29%	148,558	77.89%	34.17%	54.07%	5.43%	0.24%	2.33%	0.18%	0.37%	3.22%
023	192,643	1,359	0.71%	148,761	77.22%	57.02%	37.25%	2.56%	0.22%	0.59%	0.05%	0.2%	2.11%
024	193,164	1,880	0.98%	144,202	74.65%	64.58%	20.85%	5.95%	0.24%	3.94%	0.13%	0.42%	3.89%
025	189,526	-1,758	-0.92%	146,990	77.56%	70.78%	20.99%	4.02%	0.18%	0.82%	0.02%	0.4%	2.79%
026	190,042	-1,242	-0.65%	145,018	76.31%	36.43%	55.77%	4.03%	0.23%	0.78%	0.03%	0.27%	2.48%
027	189,375	-1,909	-1.00%	136,237	71.94%	64.56%	4.41%	9.62%	0.14%	17.83%	0.04%	0.47%	2.93%
028	190,376	-908	-0.47%	145,762	76.57%	72.43%	15.86%	6%	0.22%	1.92%	0.05%	0.31%	3.21%

Population Summary

GSDC-SenatePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Ind]	[% NH18+_Asn]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
029	193,111	1,827	0.96%	148,404	76.85%	63.25%	25.6%	4.34%	0.23%	3.03%	0.11%	0.33%	3.12%
030	191,754	470	0.25%	143,599	74.89%	55.02%	31.26%	7.9%	0.26%	1.39%	0.04%	0.57%	3.55%
031	192,251	967	0.51%	142,589	74.17%	73.1%	16.48%	5.23%	0.22%	1.11%	0.06%	0.43%	3.36%
032	189,483	-1,801	-0.94%	143,627	75.8%	69.83%	8.87%	7.09%	0.15%	9.19%	0.03%	0.94%	3.91%
033	191,326	42	0.02%	146,508	76.58%	35.81%	36.74%	20.09%	0.23%	2.78%	0.06%	0.96%	3.33%
034	190,111	-1,173	-0.61%	142,069	74.73%	19.11%	62.8%	11.04%	0.21%	3.79%	0.04%	0.57%	2.44%
035	190,183	-1,101	-0.58%	142,920	75.15%	14.73%	74.2%	6.81%	0.16%	0.9%	0.05%	0.59%	2.57%
036	191,251	-33	-0.02%	156,243	81.7%	35.23%	50.27%	7.17%	0.17%	3.31%	0.04%	0.54%	3.28%
037	192,450	1,166	0.61%	149,015	77.43%	62.54%	19.6%	8.7%	0.16%	4.49%	0.04%	0.71%	3.75%
038	190,326	-958	-0.50%	145,743	76.58%	23.63%	61.12%	9.32%	0.17%	2.38%	0.04%	0.5%	2.83%
039	192,581	1,297	0.68%	163,389	84.84%	32.42%	52.02%	5.84%	0.16%	5.95%	0.04%	0.44%	3.12%
040	190,575	-709	-0.37%	146,945	77.11%	49.63%	16.39%	18.45%	0.12%	11.84%	0.04%	0.58%	2.94%
041	192,810	1,526	0.80%	145,592	75.51%	25.44%	48.6%	10.24%	0.21%	11.99%	0.03%	0.56%	2.94%
042	191,905	621	0.32%	153,986	80.24%	54.63%	20.97%	12.17%	0.13%	8.13%	0.03%	0.53%	3.42%
043	191,400	116	0.06%	144,515	75.5%	23.27%	65.31%	6.55%	0.16%	1.15%	0.08%	0.57%	2.91%
044	191,092	-192	-0.10%	143,997	75.35%	13.24%	67.32%	10.88%	0.19%	5.24%	0.04%	0.59%	2.5%
045	189,456	-1,828	-0.96%	140,381	74.1%	64.71%	14.39%	10.67%	0.16%	6.44%	0.03%	0.45%	3.15%
046	190,233	-1,051	-0.55%	151,867	79.83%	64.9%	19.32%	8%	0.2%	3.92%	0.03%	0.59%	3.03%
047	191,320	36	0.02%	146,478	76.56%	79.25%	10.47%	5.37%	0.19%	1.66%	0.03%	0.28%	2.75%
048	190,605	-679	-0.35%	144,989	76.07%	37.81%	16.62%	13.81%	0.12%	28.13%	0.05%	0.57%	2.9%
049	189,962	-1,322	-0.69%	143,408	75.49%	63.4%	7.12%	24.2%	0.18%	2.27%	0.04%	0.3%	2.51%
050	191,081	-203	-0.11%	153,192	80.17%	85.47%	3.4%	6.47%	0.25%	1%	0.02%	0.24%	3.14%
051	189,523	-1,761	-0.92%	147,182	77.66%	84.54%	2.62%	7.59%	0.28%	1.11%	0.04%	0.3%	3.51%
052	192,534	1,250	0.65%	146,954	76.33%	74.3%	9.97%	10.95%	0.22%	1.2%	0.02%	0.29%	3.05%
053	190,870	-414	-0.22%	148,628	77.87%	88.21%	3.97%	3.01%	0.26%	0.85%	0.06%	0.18%	3.45%
054	190,285	-999	-0.52%	145,956	76.7%	74.04%	2.01%	19.91%	0.24%	0.88%	0.01%	0.2%	2.7%
055	192,719	1,435	0.75%	144,392	74.92%	17.92%	65.94%	8.25%	0.2%	3.77%	0.04%	0.71%	3.19%
056	191,876	592	0.31%	152,298	79.37%	58.16%	15.86%	11.51%	0.12%	9.88%	0.05%	0.78%	3.64%

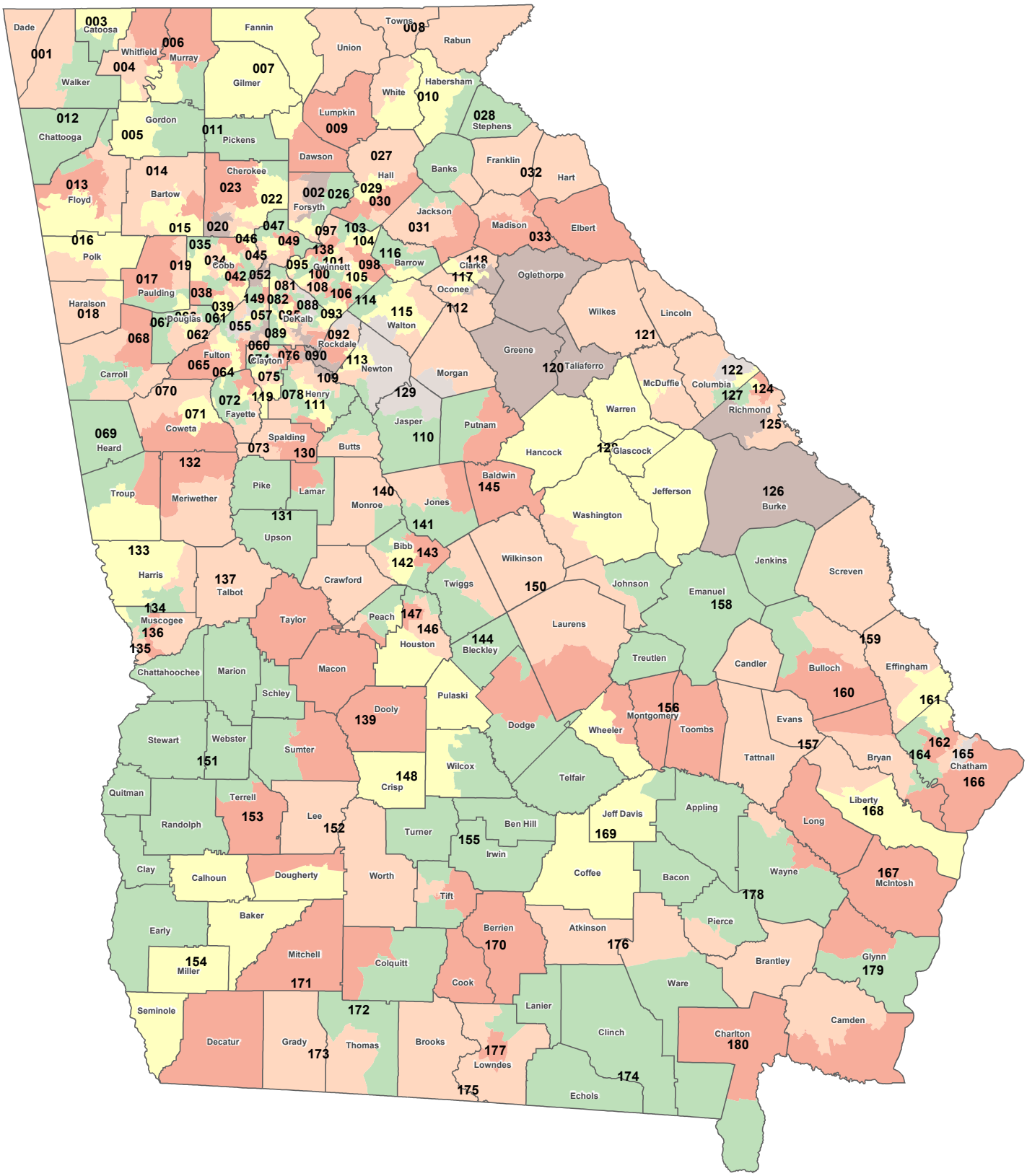
Total: **10,711,908**

Ideal District: **191,284**

EXHIBIT 14

Draft- Georgia House Districts

Client: H143
Plan: GHDC-HousePlan-2021
Type: House



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

Map layers
Districts
County
0 20 40
Miles

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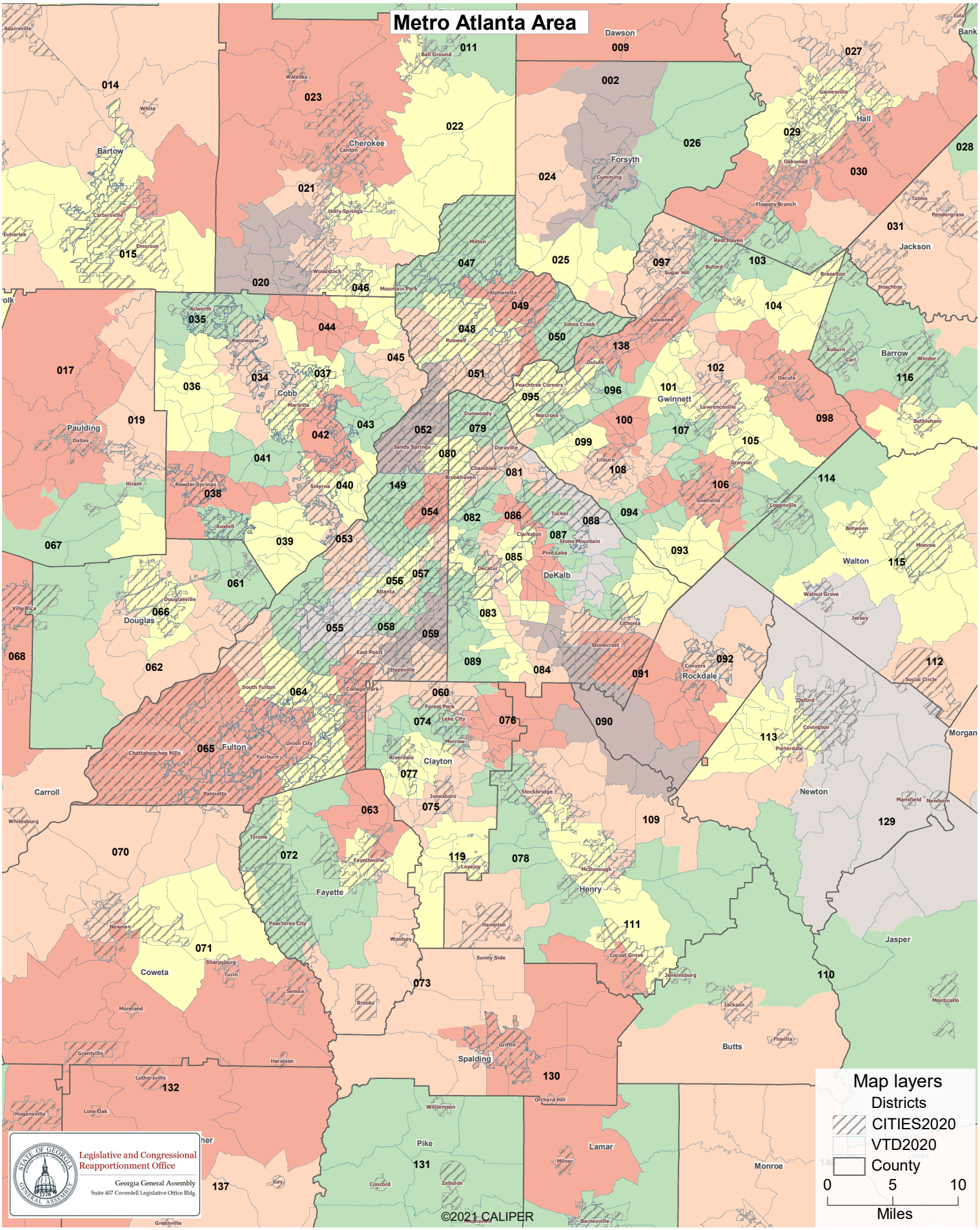
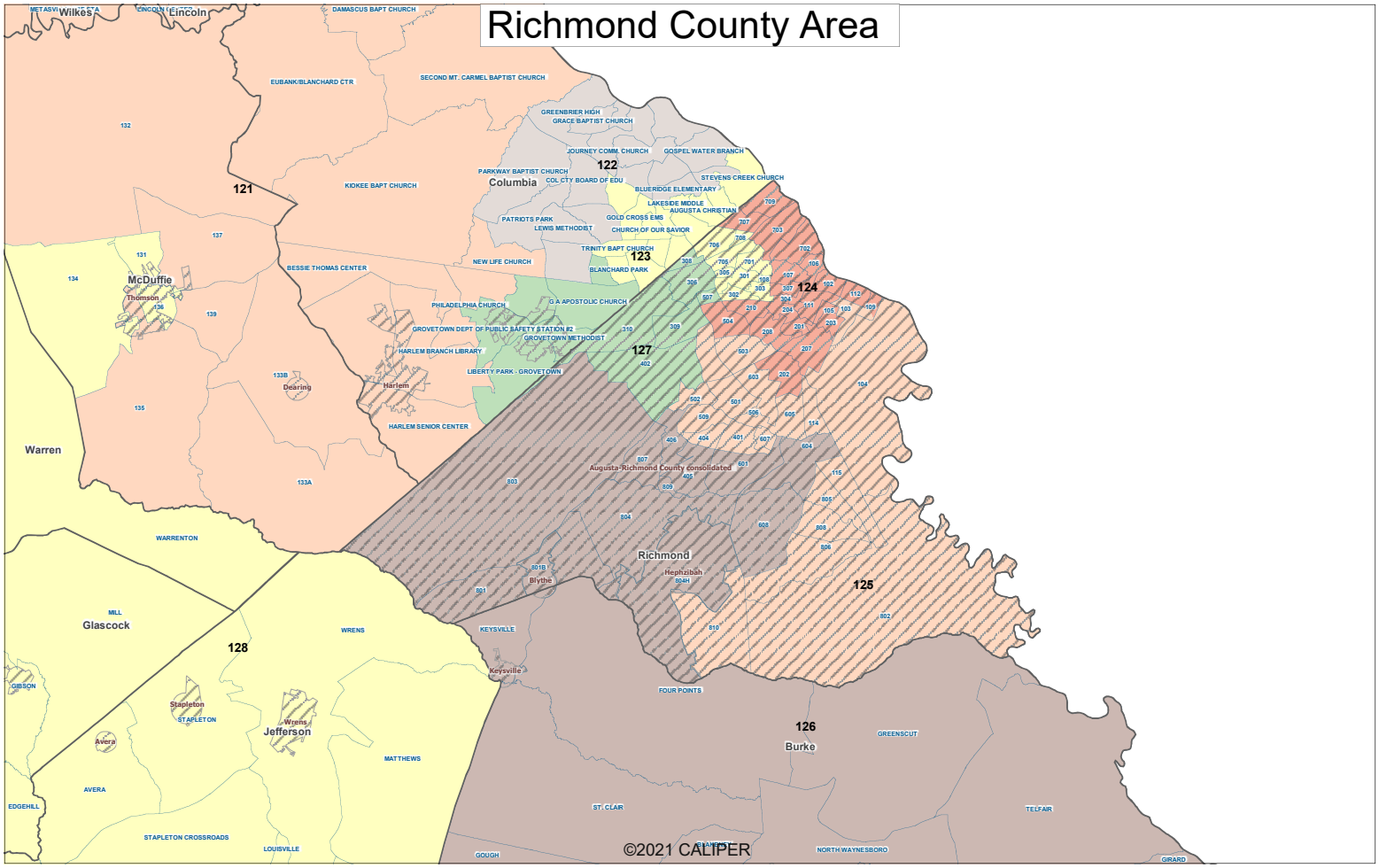
Draft- Georgia House Districts

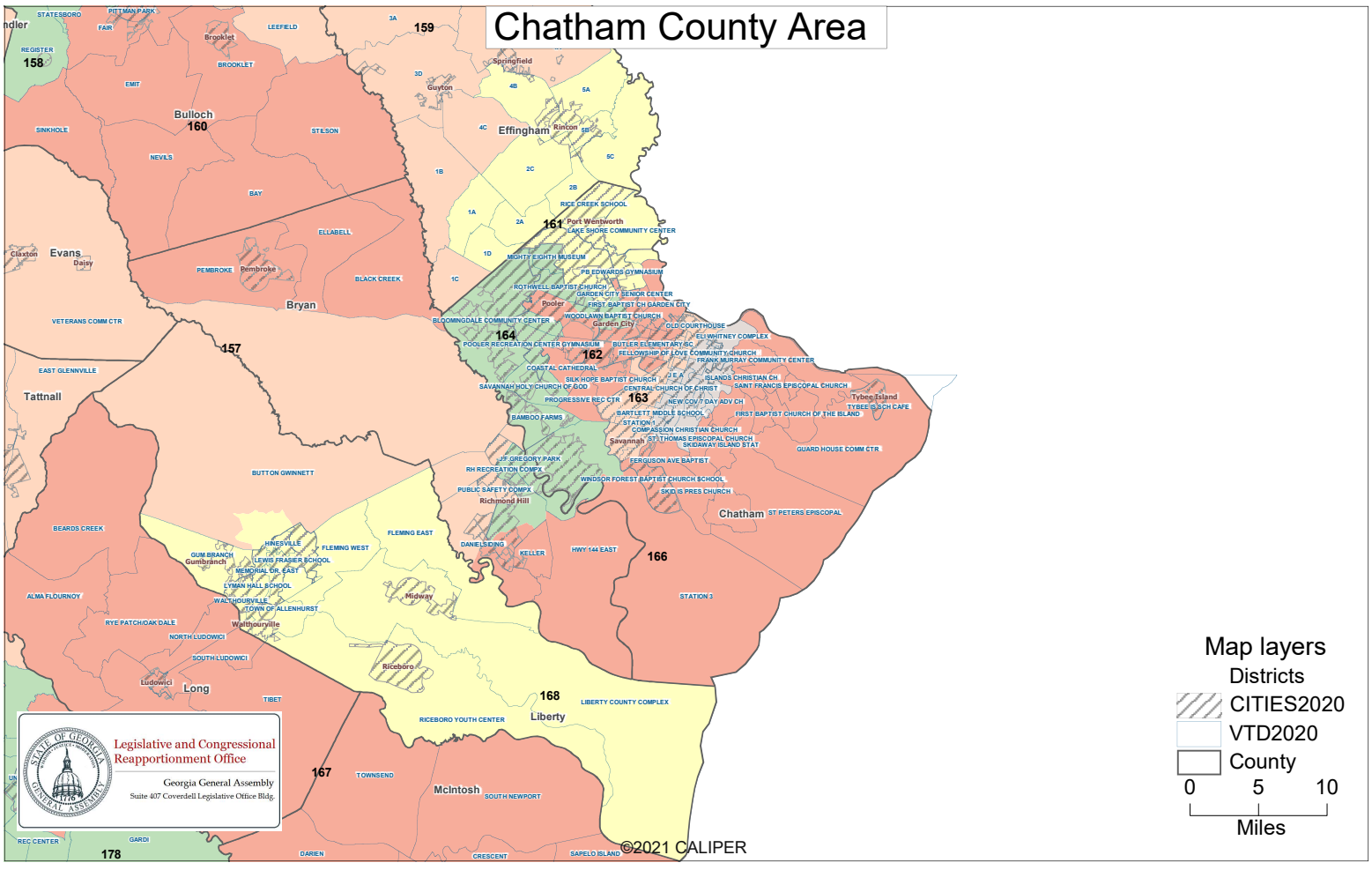
Client: H143
Plan: GHDC-HousePlan-2021
Type: House



Draft- Georgia House Districts

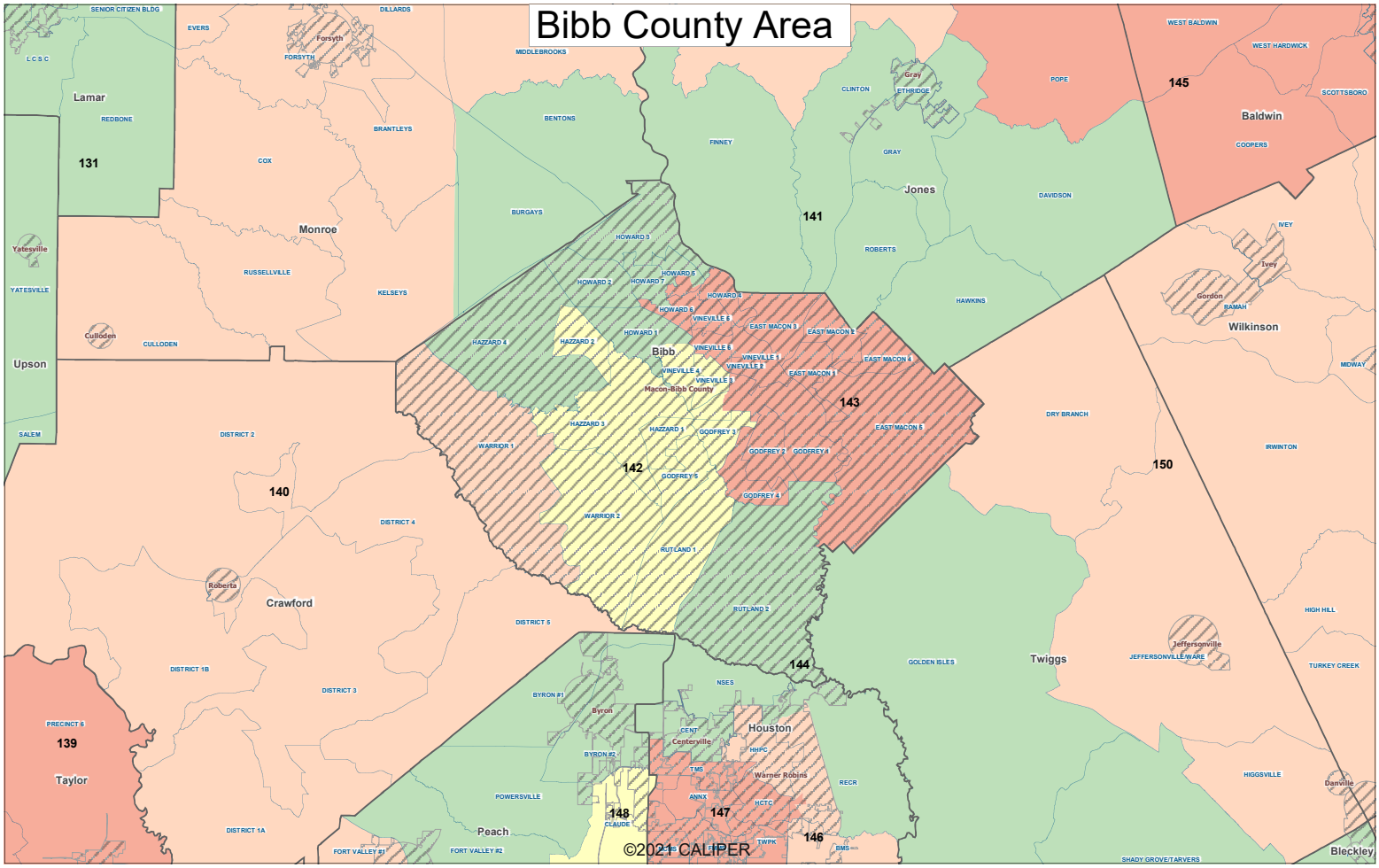
Client: H143
Plan: GHDC-HousePlan-2021
Type: House

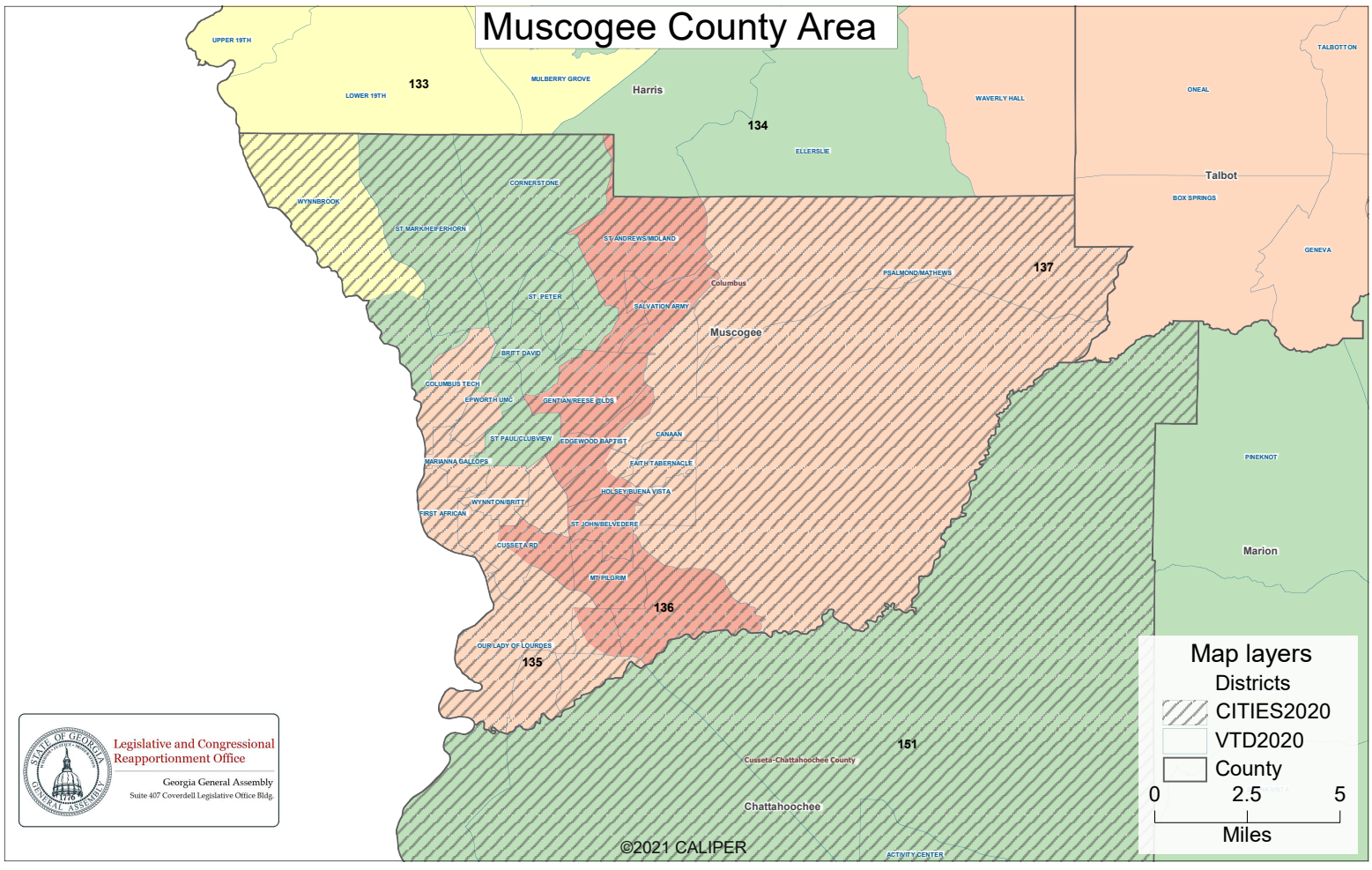




Draft- Georgia House Districts

Client: H143
Plan: GHDC-HousePlan-2021
Type: House





User: **H143**
Plan Name: **GHDC-HousePlan-2021**
Plan Type: **House**

Population Summary

Thursday, October 28, 2021 6:58 PM

Summary Statistics:

Population Range:	58,926 to 60,024
Ratio Range:	0.02
Absolute Range:	-585 to 513
Absolute Overall Range:	1,098
Relative Range:	-0.98% to 0.86%
Relative Overall Range:	1.85%
Absolute Mean Deviation:	208.13
Relative Mean Deviation:	0.35%
Standard Deviation:	271.45

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	59,039	-472	-0.79%	46,267	78.37%	88.83%	3.24%	2.53%	0.48%	0.29%	0.04%	0.3%	4.29%
002	59,503	-8	-0.01%	43,454	73.03%	66.1%	4.61%	15.44%	8.93%	0.15%	0.03%	0.5%	4.24%
003	59,512	1	0.00%	46,186	77.61%	86.86%	2.85%	3.6%	1.64%	0.26%	0.14%	0.18%	4.47%
004	59,358	-153	-0.26%	43,879	73.92%	50.52%	4.24%	40.62%	1.69%	0.18%	0.02%	0.3%	2.43%
005	59,001	-510	-0.86%	44,384	75.23%	71.18%	3.42%	20.05%	1.12%	0.23%	0.03%	0.24%	3.73%
006	59,576	65	0.11%	44,680	75%	70.6%	1.69%	23.82%	0.73%	0.15%	0.01%	0.23%	2.78%
007	59,081	-430	-0.72%	48,771	82.55%	87.97%	0.37%	7.43%	0.45%	0.26%	0.01%	0.24%	3.27%
008	59,872	361	0.61%	50,372	84.13%	90.32%	0.7%	4.7%	0.48%	0.25%	0.01%	0.27%	3.26%
009	59,528	17	0.03%	48,155	80.89%	87.31%	1.07%	5.79%	0.82%	0.35%	0.06%	0.36%	4.24%
010	59,531	20	0.03%	46,913	78.8%	79.55%	3.38%	11.15%	1.43%	0.25%	0.05%	0.3%	3.89%
011	59,511	0	0.00%	46,785	78.62%	88.84%	1.13%	5.1%	0.56%	0.24%	0.01%	0.19%	3.93%
012	59,580	69	0.12%	46,298	77.71%	85.51%	6.01%	3.49%	0.5%	0.2%	0.02%	0.28%	3.99%
013	59,511	0	0.00%	45,375	76.25%	58.73%	19.9%	15.19%	1.82%	0.23%	0.02%	0.47%	3.63%
014	59,659	148	0.25%	46,120	77.31%	81.87%	5.94%	6.65%	0.79%	0.19%	0.03%	0.31%	4.22%
015	59,511	0	0.00%	45,764	76.9%	68.54%	13.52%	11.71%	1.17%	0.25%	0.03%	0.46%	4.31%
016	59,758	247	0.42%	45,634	76.36%	73.13%	10.38%	11.81%	0.57%	0.2%	0.04%	0.35%	3.53%
017	59,511	0	0.00%	43,434	72.98%	67%	19.56%	7.17%	0.88%	0.21%	0.07%	0.61%	4.5%
018	59,766	255	0.43%	45,710	76.48%	78.46%	10.39%	6.35%	0.61%	0.24%	0.04%	0.33%	3.59%
019	59,652	141	0.24%	43,447	72.83%	61.44%	23.91%	7.69%	1.76%	0.26%	0.08%	0.64%	4.22%
020	59,333	-178	-0.30%	45,586	76.83%	68.74%	9.03%	13.89%	2.56%	0.21%	0.03%	0.66%	4.88%
021	59,513	2	0.00%	44,643	75.01%	73.94%	8.05%	10.15%	2.38%	0.16%	0.05%	0.64%	4.63%
022	59,527	16	0.03%	45,121	75.8%	82.88%	3.55%	7.19%	1.49%	0.16%	0.04%	0.49%	4.19%
023	59,347	-164	-0.28%	45,536	76.73%	72.71%	5.66%	16.22%	0.87%	0.26%	0.03%	0.35%	3.89%
024	59,176	-335	-0.56%	41,808	70.65%	69.51%	4.16%	8.38%	13.15%	0.19%	0.04%	0.59%	3.97%
025	59,721	210	0.35%	42,035	70.39%	51.38%	5.51%	8.37%	30.57%	0.18%	0.03%	0.51%	3.44%
026	59,538	27	0.05%	44,423	74.61%	71.13%	2.3%	9.29%	13.32%	0.21%	0.04%	0.39%	3.33%
027	59,512	1	0.00%	46,884	78.78%	78.01%	3.81%	12.94%	0.96%	0.17%	0.04%	0.31%	3.76%
028	59,491	-20	-0.03%	46,345	77.9%	80.77%	7.01%	6.41%	1.31%	0.27%	0.05%	0.26%	3.93%
029	59,511	0	0.00%	43,681	73.4%	37.67%	11.4%	45.55%	2.62%	0.11%	0.07%	0.42%	2.16%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
030	59,320	-191	-0.32%	44,425	74.89%	54.12%	7.02%	32.9%	2.48%	0.2%	0.02%	0.33%	2.93%
031	59,485	-26	-0.04%	43,764	73.57%	77.2%	6.14%	9.48%	2.73%	0.18%	0.03%	0.39%	3.85%
032	59,568	57	0.10%	46,697	78.39%	79.95%	10.9%	4.04%	1.22%	0.16%	0.01%	0.33%	3.38%
033	60,015	504	0.85%	46,386	77.29%	72.72%	15.03%	6.95%	1.38%	0.13%	0.02%	0.3%	3.46%
034	59,443	-68	-0.11%	47,097	79.23%	59.02%	19.57%	10.11%	5.5%	0.15%	0.03%	0.96%	4.66%
035	59,720	209	0.35%	45,660	76.46%	55.17%	22.22%	12.04%	4.46%	0.24%	0.04%	0.85%	4.98%
036	59,497	-14	-0.02%	44,534	74.85%	70.94%	13.61%	6.66%	3.25%	0.08%	0.03%	0.72%	4.72%
037	59,856	345	0.58%	47,990	80.18%	45.77%	24.72%	19.07%	4.82%	0.21%	0.05%	1.02%	4.34%
038	59,652	141	0.24%	45,482	76.25%	27.18%	51.52%	14.59%	2.04%	0.19%	0.08%	0.7%	3.7%
039	59,075	-436	-0.73%	44,135	74.71%	20.79%	51.35%	22.3%	1.47%	0.15%	0.03%	0.64%	3.26%
040	59,139	-372	-0.63%	49,622	83.91%	46.3%	29.75%	8.57%	9.99%	0.18%	0.03%	0.85%	4.34%
041	59,690	179	0.30%	44,440	74.45%	26.08%	34.95%	31.87%	2.74%	0.16%	0.04%	0.88%	3.28%
042	59,523	12	0.02%	47,716	80.16%	31.71%	31.79%	26.19%	4.27%	0.19%	0.06%	1.35%	4.43%
043	59,064	-447	-0.75%	45,439	76.93%	57.68%	14.29%	8.1%	11.89%	0.18%	0.04%	2.01%	5.8%
044	59,373	-138	-0.23%	46,067	77.59%	64.12%	11.99%	10.38%	6.77%	0.18%	0.03%	1.09%	5.44%
045	59,566	55	0.09%	44,209	74.22%	74.91%	4.57%	5.97%	9.42%	0.09%	0.02%	0.66%	4.35%
046	59,546	35	0.06%	44,947	75.48%	72.93%	6.48%	10.22%	4.76%	0.11%	0.03%	0.86%	4.61%
047	58,967	-544	-0.91%	43,110	73.11%	66.71%	8.21%	6.66%	13.35%	0.15%	0.02%	0.54%	4.35%
048	59,597	86	0.14%	46,049	77.27%	54.79%	13.12%	20.27%	6.62%	0.09%	0.04%	0.84%	4.23%
049	59,674	163	0.27%	45,390	76.06%	54.72%	9.58%	8.4%	22.32%	0.17%	0.05%	0.87%	3.89%
050	58,945	-566	-0.95%	43,572	73.92%	42.39%	10.69%	6.39%	35.7%	0.08%	0.05%	0.62%	4.08%
051	59,538	27	0.05%	48,052	80.71%	53.91%	21.45%	12.17%	6.8%	0.12%	0.03%	0.91%	4.61%
052	59,618	107	0.18%	48,196	80.84%	56.26%	14.46%	13.2%	11.49%	0.13%	0.05%	0.56%	3.84%
053	59,515	4	0.01%	44,376	74.56%	26.37%	56.79%	9.17%	3.21%	0.17%	0.05%	0.56%	3.67%
054	59,916	405	0.68%	52,449	87.54%	63.37%	16.25%	7.83%	7.95%	0.18%	0.02%	0.57%	3.84%
055	59,379	-132	-0.22%	46,916	79.01%	4.9%	88.9%	2.81%	0.46%	0.17%	0.01%	0.4%	2.35%
056	59,151	-360	-0.60%	52,459	88.69%	33.78%	47.83%	5.57%	8.3%	0.18%	0.08%	0.46%	3.81%
057	59,870	359	0.60%	51,891	86.67%	44.74%	37.48%	7.67%	5.68%	0.11%	0.02%	0.56%	3.74%
058	59,724	213	0.36%	51,871	86.85%	36.17%	49.19%	5.38%	4.22%	0.19%	0.03%	0.65%	4.16%
059	59,872	361	0.61%	47,237	78.9%	33.09%	49.2%	11.13%	2.22%	0.21%	0.05%	0.45%	3.65%
060	59,485	-26	-0.04%	44,361	74.58%	8.24%	72.03%	14.68%	1.73%	0.24%	0.02%	0.53%	2.53%
061	59,865	354	0.59%	45,682	76.31%	14.27%	70.63%	10.5%	0.95%	0.2%	0.06%	0.5%	2.9%
062	59,599	88	0.15%	44,935	75.4%	32.31%	52.14%	9.7%	1.2%	0.22%	0.03%	0.64%	3.76%
063	59,936	425	0.71%	46,251	77.17%	11.44%	78.41%	5.04%	1.38%	0.22%	0.04%	0.68%	2.8%
064	59,998	487	0.82%	44,821	74.7%	5.1%	86.06%	4.8%	0.57%	0.1%	0.03%	0.76%	2.6%
065	59,415	-96	-0.16%	44,449	74.81%	10.77%	77.33%	7.9%	0.73%	0.16%	0.03%	0.51%	2.58%
066	59,054	-457	-0.77%	43,879	74.3%	30.96%	52.29%	9.69%	1.71%	0.24%	0.09%	0.82%	4.19%
067	59,367	-144	-0.24%	44,550	75.04%	64.67%	21%	7.58%	1.09%	0.26%	0.05%	0.71%	4.65%
068	59,140	-371	-0.62%	44,313	74.93%	67.24%	18.85%	7.36%	0.97%	0.25%	0.02%	0.51%	4.8%
069	59,651	140	0.24%	46,047	77.19%	66.28%	21.87%	5.86%	1.66%	0.2%	0.04%	0.28%	3.81%
070	59,322	-189	-0.32%	45,268	76.31%	72.38%	15.41%	6.4%	1.3%	0.25%	0.04%	0.39%	3.82%
071	59,203	-308	-0.52%	45,550	76.94%	65.11%	15.78%	8.57%	5.59%	0.17%	0.05%	0.54%	4.19%
072	59,984	473	0.79%	45,931	76.57%	66.69%	15.11%	7.86%	5.1%	0.14%	0.04%	0.69%	4.37%
073	59,455	-56	-0.09%	44,961	75.62%	56.73%	30.18%	6.69%	1.85%	0.2%	0.02%	0.48%	3.85%

Population Summary

GHDC-HousePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
074	59,453	-58	-0.10%	44,149	74.26%	7.03%	66.99%	15.91%	7.16%	0.2%	0.04%	0.48%	2.18%
075	59,873	362	0.61%	44,777	74.79%	11.13%	69.67%	11.07%	4.26%	0.15%	0.05%	0.58%	3.09%
076	59,544	33	0.06%	45,413	76.27%	12.79%	68.5%	9.98%	4.89%	0.14%	0.05%	0.61%	3.03%
077	59,646	135	0.23%	43,403	72.77%	5.89%	70.17%	17.16%	3.37%	0.24%	0.03%	0.67%	2.48%
078	59,789	278	0.47%	45,365	75.88%	24.1%	55.36%	9.72%	6.24%	0.2%	0.07%	0.72%	3.59%
079	59,508	-3	-0.01%	45,458	76.39%	50.91%	13.09%	14.67%	16.75%	0.08%	0.04%	0.71%	3.76%
080	59,157	-354	-0.59%	47,688	80.61%	59.17%	11.3%	17.82%	7.38%	0.09%	0.03%	0.61%	3.59%
081	59,884	373	0.63%	45,348	75.73%	35.79%	10.38%	39.4%	10.76%	0.17%	0.03%	0.63%	2.84%
082	59,699	188	0.32%	48,887	81.89%	46.64%	18.22%	21.7%	8.99%	0.11%	0.02%	0.67%	3.66%
083	59,624	113	0.19%	46,307	77.67%	38.35%	50.13%	4.39%	2.51%	0.16%	0.03%	0.5%	3.93%
084	59,343	-168	-0.28%	47,225	79.58%	31.09%	55.79%	4.03%	4.42%	0.15%	0.03%	0.62%	3.88%
085	59,792	281	0.47%	46,309	77.45%	24.04%	52.16%	5.02%	13.92%	0.19%	0.03%	0.68%	3.96%
086	59,633	122	0.21%	45,637	76.53%	25.7%	55.08%	6.49%	8.62%	0.18%	0.02%	0.65%	3.26%
087	59,801	290	0.49%	46,173	77.21%	16.16%	63.4%	8.67%	7.54%	0.22%	0.02%	0.61%	3.39%
088	59,512	1	0.00%	46,477	78.1%	16.22%	64.39%	12.04%	3.03%	0.24%	0.05%	0.69%	3.33%
089	59,007	-504	-0.85%	47,155	79.91%	31.55%	57.13%	5.24%	1.61%	0.12%	0.03%	0.63%	3.7%
090	59,411	-100	-0.17%	46,508	78.28%	19.22%	71.76%	4.03%	1.1%	0.14%	0.02%	0.55%	3.17%
091	59,019	-492	-0.83%	45,395	76.92%	17.38%	71.34%	5.53%	1.52%	0.15%	0.06%	0.7%	3.31%
092	59,597	86	0.14%	44,307	74.34%	11.38%	73.52%	10.53%	0.78%	0.17%	0.06%	0.54%	3.01%
093	59,455	-56	-0.09%	44,281	74.48%	12.27%	71.46%	9.58%	2.26%	0.18%	0.03%	0.71%	3.49%
094	59,305	-206	-0.35%	44,803	75.55%	18.25%	62.87%	9.03%	5.45%	0.18%	0.03%	0.66%	3.53%
095	59,763	252	0.42%	46,128	77.18%	40.81%	22.31%	20.23%	11.85%	0.17%	0.03%	0.66%	3.93%
096	59,534	23	0.04%	45,289	76.07%	19.47%	21.88%	35.97%	18.91%	0.14%	0.06%	0.7%	2.86%
097	59,294	-217	-0.36%	42,583	71.82%	51.43%	10.08%	10.97%	22.79%	0.13%	0.03%	0.56%	4.01%
098	59,512	1	0.00%	42,682	71.72%	45.29%	26.78%	16.63%	6.49%	0.12%	0.02%	0.72%	3.95%
099	59,736	225	0.38%	42,537	71.21%	9.67%	19.55%	57.51%	10.63%	0.13%	0.05%	0.6%	1.85%
100	59,526	15	0.03%	44,064	74.02%	12.37%	28.19%	42.74%	13.28%	0.18%	0.03%	0.65%	2.56%
101	59,281	-230	-0.39%	45,347	76.49%	27.68%	24.25%	26.29%	17.54%	0.17%	0.04%	0.66%	3.37%
102	58,952	-559	-0.94%	44,877	76.12%	34.91%	28.09%	22.2%	10.28%	0.15%	0.03%	0.66%	3.68%
103	59,308	-203	-0.34%	43,664	73.62%	58.36%	12.2%	17.43%	7.71%	0.17%	0.04%	0.5%	3.6%
104	59,524	13	0.02%	43,661	73.35%	53.27%	18.52%	12.58%	10.89%	0.1%	0.03%	0.62%	3.97%
105	59,511	0	0.00%	43,243	72.66%	28.68%	41.84%	17.45%	7.17%	0.19%	0.05%	0.73%	3.88%
106	59,532	21	0.04%	44,091	74.06%	35.16%	39.22%	11.83%	8.48%	0.18%	0.04%	0.89%	4.2%
107	58,947	-564	-0.95%	43,486	73.77%	27.58%	25.87%	24.9%	17.69%	0.15%	0.04%	0.65%	3.13%
108	59,405	-106	-0.18%	44,311	74.59%	34.44%	19.3%	22.75%	19.15%	0.17%	0.04%	0.64%	3.5%
109	59,486	-25	-0.04%	44,473	74.76%	37.33%	47.1%	7.34%	2.93%	0.17%	0.06%	0.78%	4.29%
110	59,069	-442	-0.74%	44,030	74.54%	64.71%	24.68%	5.46%	0.7%	0.18%	0.02%	0.5%	3.76%
111	59,765	254	0.43%	44,383	74.26%	32.18%	51.75%	8.01%	3.23%	0.17%	0.06%	0.77%	3.83%
112	58,991	-520	-0.87%	43,954	74.51%	77.67%	12.08%	4.03%	2.69%	0.14%	0%	0.37%	3.03%
113	59,201	-310	-0.52%	43,906	74.16%	22.18%	64.78%	7.12%	1.17%	0.2%	0.13%	0.75%	3.67%
114	59,513	2	0.00%	43,502	73.1%	51.01%	31.16%	10.57%	2.41%	0.18%	0.05%	0.79%	3.83%
115	59,062	-449	-0.75%	44,162	74.77%	67.69%	18.83%	6.83%	1.89%	0.2%	0.05%	0.6%	3.91%
116	59,943	432	0.73%	45,302	75.58%	67.37%	11.91%	11.98%	3.99%	0.13%	0.02%	0.52%	4.09%
117	59,574	63	0.11%	49,997	83.92%	65.92%	14.72%	8.7%	6.2%	0.23%	0.03%	0.56%	3.63%

Population Summary

GHDC-HousePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
118	59,844	333	0.56%	48,350	80.79%	48.54%	30.96%	13.93%	2.22%	0.23%	0.07%	0.87%	3.19%
119	59,891	380	0.64%	45,332	75.69%	18.36%	65.54%	9.31%	2.65%	0.19%	0.04%	0.76%	3.14%
120	59,733	222	0.37%	47,997	80.35%	64.19%	23.28%	6.81%	1.56%	0.18%	0.02%	0.51%	3.46%
121	59,591	80	0.13%	45,496	76.35%	64.81%	24.11%	5.23%	0.92%	0.27%	0.1%	0.34%	4.23%
122	59,518	7	0.01%	43,184	72.56%	67.29%	13.74%	6.24%	6.35%	0.16%	0.12%	0.64%	5.46%
123	59,698	187	0.31%	46,931	78.61%	65.5%	18.47%	5.88%	4.35%	0.19%	0.19%	0.49%	4.92%
124	59,863	352	0.59%	47,628	79.56%	34.52%	54.09%	4.86%	2.13%	0.22%	0.12%	0.43%	3.63%
125	59,863	352	0.59%	44,610	74.52%	24.83%	66.06%	4.16%	0.77%	0.25%	0.13%	0.38%	3.42%
126	59,913	402	0.68%	45,800	76.44%	38.27%	51.13%	4.95%	1.12%	0.29%	0.21%	0.39%	3.66%
127	59,769	258	0.43%	45,675	76.42%	38.61%	40.66%	10.76%	3.2%	0.28%	0.27%	0.55%	5.67%
128	59,683	172	0.29%	47,025	78.79%	39.4%	55.86%	1.98%	0.38%	0.18%	0.01%	0.14%	2.05%
129	59,049	-462	-0.78%	45,727	77.44%	68.53%	20.34%	5.83%	0.87%	0.16%	0.04%	0.42%	3.81%
130	59,518	7	0.01%	45,447	76.36%	52.17%	37.62%	5.14%	0.98%	0.2%	0.04%	0.41%	3.44%
131	59,321	-190	-0.32%	46,120	77.75%	70.74%	22.71%	2.27%	0.52%	0.17%	0.01%	0.33%	3.26%
132	59,066	-445	-0.75%	44,684	75.65%	64.82%	23.85%	5.93%	1.21%	0.23%	0.03%	0.42%	3.51%
133	59,704	193	0.32%	45,813	76.73%	61.16%	29.13%	3.89%	1.87%	0.19%	0.05%	0.37%	3.36%
134	59,263	-248	-0.42%	45,749	77.2%	64.98%	17.85%	7.36%	3.89%	0.26%	0.2%	0.57%	4.89%
135	59,511	0	0.00%	44,554	74.87%	29.02%	55.52%	9.05%	1.01%	0.27%	0.24%	0.53%	4.38%
136	59,805	294	0.49%	45,173	75.53%	31.85%	51.72%	7.81%	3.3%	0.25%	0.28%	0.5%	4.3%
137	59,758	247	0.42%	46,253	77.4%	39.35%	50.24%	5.13%	1.23%	0.17%	0.18%	0.35%	3.36%
138	59,005	-506	-0.85%	44,980	76.23%	37.97%	14.89%	10.13%	32.08%	0.16%	0.05%	0.64%	4.08%
139	59,040	-471	-0.79%	46,978	79.57%	36.64%	54.92%	5.02%	1.23%	0.15%	0.03%	0.18%	1.83%
140	59,386	-125	-0.21%	46,873	78.93%	63.82%	28.15%	3.69%	0.51%	0.19%	0.02%	0.41%	3.21%
141	59,321	-190	-0.32%	46,459	78.32%	65.61%	24.79%	3.01%	3.29%	0.18%	0.02%	0.28%	2.81%
142	59,511	0	0.00%	44,230	74.32%	26.6%	64.75%	4.3%	1.24%	0.19%	0.01%	0.38%	2.53%
143	59,559	48	0.08%	46,340	77.81%	30.32%	60.7%	4.21%	1.11%	0.16%	0.05%	0.39%	3.05%
144	59,288	-223	-0.37%	46,102	77.76%	57.14%	30.49%	6.81%	1.5%	0.24%	0.05%	0.38%	3.38%
145	59,509	-2	0.00%	48,770	81.95%	59.28%	33.54%	2.98%	1.13%	0.15%	0.05%	0.38%	2.5%
146	59,511	0	0.00%	43,599	73.26%	48.97%	35.37%	8.16%	1.89%	0.21%	0.09%	0.41%	4.89%
147	59,511	0	0.00%	44,543	74.85%	52.53%	29.25%	7.75%	4.92%	0.19%	0.07%	0.46%	4.83%
148	59,593	82	0.14%	46,187	77.5%	57.79%	34.16%	3.66%	1.07%	0.1%	0.04%	0.35%	2.84%
149	59,595	84	0.14%	48,294	81.04%	68.39%	14.79%	7.14%	5.04%	0.11%	0.04%	0.54%	3.95%
150	60,003	492	0.83%	46,315	77.19%	55.16%	38.21%	2.52%	0.91%	0.19%	0.03%	0.23%	2.73%
151	58,926	-585	-0.98%	46,152	78.32%	49.28%	38.37%	7.45%	1.14%	0.22%	0.23%	0.25%	3.06%
152	59,511	0	0.00%	45,482	76.43%	68.73%	22.94%	3.11%	1.76%	0.19%	0.03%	0.27%	2.97%
153	58,998	-513	-0.86%	45,796	77.62%	31.31%	62.06%	2.79%	1.07%	0.13%	0.02%	0.25%	2.37%
154	58,998	-513	-0.86%	46,182	78.28%	30.27%	64.17%	2.68%	0.32%	0.15%	0.01%	0.22%	2.17%
155	59,639	128	0.22%	46,995	78.8%	57.21%	32.32%	7.32%	0.61%	0.18%	0%	0.2%	2.15%
156	59,163	-348	-0.58%	45,238	76.46%	63.63%	25.38%	7.48%	0.55%	0.14%	0.02%	0.28%	2.51%
157	59,971	460	0.77%	44,596	74.36%	59.25%	24.47%	11.32%	1.1%	0.19%	0.1%	0.29%	3.27%
158	60,024	513	0.86%	46,915	78.16%	58.01%	35.01%	3.63%	0.58%	0.2%	0.05%	0.25%	2.26%
159	59,374	-137	-0.23%	44,636	75.18%	66.79%	24.91%	3.46%	0.6%	0.27%	0.03%	0.31%	3.63%
160	59,127	-384	-0.65%	47,516	80.36%	66.56%	21.92%	5.53%	1.64%	0.24%	0.1%	0.29%	3.72%
161	59,542	31	0.05%	43,912	73.75%	59.78%	24.62%	7.69%	2.23%	0.22%	0.08%	0.52%	4.88%

Population Summary

GHDC-HousePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blk]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
162	59,400	-111	-0.19%	46,399	78.11%	30.25%	50.77%	11.24%	3.94%	0.25%	0.12%	0.41%	3.02%
163	59,505	-6	-0.01%	48,273	81.12%	39.95%	44.12%	7.59%	3.82%	0.19%	0.17%	0.53%	3.63%
164	59,756	245	0.41%	45,544	76.22%	52.84%	26.36%	10.12%	4.62%	0.28%	0.13%	0.62%	5.03%
165	59,590	79	0.13%	47,573	79.83%	42.98%	44.08%	5.7%	2.82%	0.17%	0.22%	0.42%	3.61%
166	59,913	402	0.68%	47,251	78.87%	82.88%	4.93%	5.18%	2.56%	0.16%	0.05%	0.38%	3.85%
167	59,838	327	0.55%	45,680	76.34%	60.39%	24.39%	8.38%	1.39%	0.32%	0.22%	0.51%	4.4%
168	59,508	-3	-0.01%	44,490	74.76%	35.93%	43.53%	11.22%	2.01%	0.32%	0.68%	0.48%	5.82%
169	59,955	444	0.75%	45,452	75.81%	56.8%	27.22%	12.48%	0.58%	0.14%	0.03%	0.17%	2.58%
170	59,961	450	0.76%	45,226	75.43%	62.65%	23.85%	8.94%	1.04%	0.15%	0.03%	0.27%	3.07%
171	59,339	-172	-0.29%	45,756	77.11%	51.45%	39.13%	6.29%	0.58%	0.2%	0.03%	0.2%	2.11%
172	59,591	80	0.13%	44,559	74.77%	54.17%	26%	16.33%	0.77%	0.24%	0.02%	0.25%	2.23%
173	59,442	-69	-0.12%	45,211	76.06%	54.26%	34.16%	7.37%	0.8%	0.28%	0.03%	0.31%	2.8%
174	59,508	-3	-0.01%	44,000	73.94%	58.54%	28.12%	7.32%	1.23%	0.35%	0.12%	0.35%	3.98%
175	59,650	139	0.23%	45,012	75.46%	66.55%	22.53%	5.9%	1.2%	0.28%	0.04%	0.26%	3.24%
176	59,710	199	0.33%	45,869	76.82%	78.5%	11.29%	6.17%	0.35%	0.26%	0.03%	0.25%	3.15%
177	59,509	-2	0.00%	45,676	76.75%	34.14%	53.67%	6.59%	1.51%	0.18%	0.08%	0.43%	3.41%
178	59,747	236	0.40%	44,977	75.28%	74.03%	14.97%	7.38%	0.5%	0.16%	0.02%	0.27%	2.69%
179	59,910	399	0.67%	47,497	79.28%	62.36%	25.96%	6.92%	1.04%	0.16%	0.08%	0.37%	3.11%
180	59,228	-283	-0.48%	45,588	76.97%	65.13%	17.85%	9.32%	1.59%	0.34%	0.1%	0.56%	5.12%

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

User: **H143**
Plan Name: **GHDC-HousePlan-2021**
Plan Type: **House**

Population Summary

Thursday, October 28, 2021 7:21 PM

Summary Statistics:

Population Range:	58,926 to 60,024
Ratio Range:	0.02
Absolute Range:	-585 to 513
Absolute Overall Range:	1,098
Relative Range:	-0.98% to 0.86%
Relative Overall Range:	1.85%
Absolute Mean Deviation:	208.13
Relative Mean Deviation:	0.35%
Standard Deviation:	271.45

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Ind]	[% NH18+_Asn]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2 + Races]
001	59,039	-472	-0.79%	46,267	78.37%	90.27%	3.02%	2.01%	0.32%	0.51%	0.04%	0.25%	3.59%
002	59,503	-8	-0.01%	43,454	73.03%	69.6%	4.42%	13.5%	0.16%	8.21%	0.03%	0.42%	3.65%
003	59,512	1	0.00%	46,186	77.61%	88.43%	2.73%	2.96%	0.26%	1.57%	0.14%	0.14%	3.77%
004	59,358	-153	-0.26%	43,879	73.92%	55.92%	4.48%	35.31%	0.18%	1.73%	0.02%	0.22%	2.14%
005	59,001	-510	-0.86%	44,384	75.23%	74.7%	3.56%	16.74%	0.26%	1.16%	0.03%	0.23%	3.32%
006	59,576	65	0.11%	44,680	75%	74.83%	1.69%	19.96%	0.19%	0.71%	0.01%	0.19%	2.42%
007	59,081	-430	-0.72%	48,771	82.55%	90.15%	0.34%	5.53%	0.27%	0.46%	0.01%	0.21%	3.02%
008	59,872	361	0.61%	50,372	84.13%	91.7%	0.69%	3.79%	0.24%	0.49%	0%	0.23%	2.85%
009	59,528	17	0.03%	48,155	80.89%	88.48%	1.1%	5%	0.39%	0.89%	0.06%	0.32%	3.76%
010	59,531	20	0.03%	46,913	78.8%	82.28%	3.64%	8.63%	0.26%	1.48%	0.03%	0.29%	3.38%
011	59,511	0	0.00%	46,785	78.62%	90.43%	1.11%	3.97%	0.27%	0.56%	0.02%	0.18%	3.47%
012	59,580	69	0.12%	46,298	77.71%	86.6%	6.56%	2.73%	0.22%	0.5%	0.02%	0.16%	3.2%
013	59,511	0	0.00%	45,375	76.25%	63.06%	19.07%	12.44%	0.23%	1.9%	0.01%	0.38%	2.91%
014	59,659	148	0.25%	46,120	77.31%	83.54%	6.16%	5.47%	0.22%	0.81%	0.02%	0.32%	3.46%
015	59,511	0	0.00%	45,764	76.9%	71.95%	13.16%	9.64%	0.27%	1.22%	0.02%	0.32%	3.43%
016	59,758	247	0.42%	45,634	76.36%	76.87%	10.09%	9.12%	0.19%	0.59%	0.04%	0.27%	2.85%
017	59,511	0	0.00%	43,434	72.98%	69.86%	18.77%	6.13%	0.23%	0.92%	0.06%	0.48%	3.55%
018	59,766	255	0.43%	45,710	76.48%	80.06%	10.52%	5.31%	0.26%	0.63%	0.03%	0.25%	2.94%
019	59,652	141	0.24%	43,447	72.83%	64.02%	23.06%	6.84%	0.23%	1.85%	0.08%	0.52%	3.42%
020	59,333	-178	-0.30%	45,586	76.83%	71.85%	8.55%	12.07%	0.2%	2.63%	0.03%	0.57%	4.12%
021	59,513	2	0.00%	44,643	75.01%	76.13%	7.93%	8.92%	0.18%	2.45%	0.07%	0.61%	3.71%
022	59,527	16	0.03%	45,121	75.8%	84.67%	3.5%	6.26%	0.18%	1.49%	0.04%	0.42%	3.42%
023	59,347	-164	-0.28%	45,536	76.73%	76.72%	5.41%	13.15%	0.25%	0.95%	0.04%	0.28%	3.21%
024	59,176	-335	-0.56%	41,808	70.65%	72.7%	4.05%	7.43%	0.14%	12.17%	0.06%	0.55%	2.91%
025	59,721	210	0.35%	42,035	70.39%	55.67%	5.61%	7.79%	0.13%	27.55%	0.04%	0.49%	2.73%
026	59,538	27	0.05%	44,423	74.61%	75.17%	2.15%	8.1%	0.17%	11.19%	0.02%	0.34%	2.85%
027	59,512	1	0.00%	46,884	78.78%	81.12%	3.6%	10.64%	0.17%	0.97%	0.04%	0.26%	3.2%
028	59,491	-20	-0.03%	46,345	77.9%	83.11%	6.95%	5.06%	0.3%	1.29%	0.05%	0.2%	3.04%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+ _Wht]	[% NH18+ _Blk]	[% H18+ _Pop]	[% NH18+ _Ind]	[% NH18+ _Asn]	[% NH18+ _Hwn]	[% NH18+ _Oth]	[% NH18+_2 + Races]
029	59,511	0	0.00%	43,681	73.4%	44.16%	11.72%	38.81%	0.13%	2.88%	0.06%	0.33%	1.9%
030	59,320	-191	-0.32%	44,425	74.89%	59.1%	7.22%	28.05%	0.2%	2.56%	0.03%	0.29%	2.54%
031	59,485	-26	-0.04%	43,764	73.57%	79.1%	6.17%	8.37%	0.21%	2.73%	0.04%	0.31%	3.07%
032	59,568	57	0.10%	46,697	78.39%	82.19%	10.56%	3.16%	0.17%	1.18%	0.01%	0.28%	2.46%
033	60,015	504	0.85%	46,386	77.29%	75.06%	14.77%	5.65%	0.17%	1.36%	0.02%	0.21%	2.76%
034	59,443	-68	-0.11%	47,097	79.23%	61.94%	18.87%	8.79%	0.16%	5.48%	0.03%	0.83%	3.89%
035	59,720	209	0.35%	45,660	76.46%	58.43%	21.37%	10.71%	0.22%	4.68%	0.04%	0.75%	3.8%
036	59,497	-14	-0.02%	44,534	74.85%	73.62%	13.12%	5.8%	0.08%	3.2%	0.03%	0.62%	3.53%
037	59,856	345	0.58%	47,990	80.18%	49.24%	24.89%	16.25%	0.2%	4.83%	0.04%	0.95%	3.61%
038	59,652	141	0.24%	45,482	76.25%	31.36%	49.97%	12.41%	0.22%	2.16%	0.06%	0.62%	3.19%
039	59,075	-436	-0.73%	44,135	74.71%	23.77%	51.74%	19.09%	0.18%	1.74%	0.03%	0.6%	2.84%
040	59,139	-372	-0.63%	49,622	83.91%	48.91%	29.03%	7.69%	0.18%	9.69%	0.02%	0.81%	3.67%
041	59,690	179	0.30%	44,440	74.45%	29.97%	35.47%	27.63%	0.19%	3.02%	0.03%	0.86%	2.82%
042	59,523	12	0.02%	47,716	80.16%	35.45%	31.79%	22.54%	0.21%	4.58%	0.06%	1.3%	4.08%
043	59,064	-447	-0.75%	45,439	76.93%	60.23%	14.25%	7.22%	0.18%	11.19%	0.04%	1.92%	4.98%
044	59,373	-138	-0.23%	46,067	77.59%	66.89%	11.57%	9.14%	0.18%	6.8%	0.03%	1.03%	4.36%
045	59,566	55	0.09%	44,209	74.22%	77.15%	4.66%	5.35%	0.08%	8.92%	0.02%	0.55%	3.25%
046	59,546	35	0.06%	44,947	75.48%	75.38%	6.54%	9.02%	0.13%	4.65%	0.04%	0.69%	3.56%
047	58,967	-544	-0.91%	43,110	73.11%	68.35%	8.23%	6.34%	0.14%	13.01%	0.02%	0.51%	3.41%
048	59,597	86	0.14%	46,049	77.27%	58.44%	13.05%	17.5%	0.09%	6.39%	0.05%	0.77%	3.72%
049	59,674	163	0.27%	45,390	76.06%	58.14%	9.46%	7.69%	0.14%	20.64%	0.04%	0.74%	3.15%
050	58,945	-566	-0.95%	43,572	73.92%	45.18%	10.42%	5.74%	0.07%	34.93%	0.05%	0.54%	3.08%
051	59,538	27	0.05%	48,052	80.71%	56.59%	20.91%	10.7%	0.13%	6.85%	0.04%	0.88%	3.89%
052	59,618	107	0.18%	48,196	80.84%	58.1%	14.9%	11.42%	0.12%	11.49%	0.05%	0.52%	3.39%
053	59,515	4	0.01%	44,376	74.56%	28.56%	56.15%	8.07%	0.16%	3.36%	0.05%	0.49%	3.15%
054	59,916	405	0.68%	52,449	87.54%	63.85%	16.84%	7.19%	0.16%	8.25%	0.02%	0.51%	3.18%
055	59,379	-132	-0.22%	46,916	79.01%	5.65%	88.48%	2.5%	0.16%	0.51%	0.01%	0.42%	2.28%
056	59,151	-360	-0.60%	52,459	88.69%	36.49%	44.84%	5.52%	0.19%	8.81%	0.09%	0.42%	3.64%
057	59,870	359	0.60%	51,891	86.67%	46.25%	36.64%	7.27%	0.1%	6.08%	0.02%	0.5%	3.14%
058	59,724	213	0.36%	51,871	86.85%	39.29%	45.94%	5.48%	0.19%	4.58%	0.03%	0.63%	3.85%
059	59,872	361	0.61%	47,237	78.9%	36.4%	47.2%	9.87%	0.2%	2.55%	0.06%	0.42%	3.31%
060	59,485	-26	-0.04%	44,361	74.58%	9.91%	72.34%	12.77%	0.25%	1.96%	0.03%	0.49%	2.26%
061	59,865	354	0.59%	45,682	76.31%	16.23%	70.63%	8.78%	0.2%	1.05%	0.05%	0.48%	2.57%
062	59,599	88	0.15%	44,935	75.4%	35.82%	50.75%	8.29%	0.23%	1.26%	0.03%	0.53%	3.08%
063	59,936	425	0.71%	46,251	77.17%	13.18%	77.82%	4.28%	0.21%	1.43%	0.05%	0.6%	2.43%
064	60,007	496	0.83%	44,827	74.7%	5.98%	85.99%	4.23%	0.09%	0.64%	0.04%	0.66%	2.37%
065	59,415	-96	-0.16%	44,449	74.81%	12.71%	76.16%	7.08%	0.19%	0.84%	0.02%	0.53%	2.46%
066	59,054	-457	-0.77%	43,879	74.3%	34.45%	50.84%	8.38%	0.26%	1.88%	0.09%	0.67%	3.42%
067	59,367	-144	-0.24%	44,550	75.04%	67.52%	20.36%	6.28%	0.29%	1.16%	0.05%	0.62%	3.71%
068	59,140	-371	-0.62%	44,313	74.93%	69.88%	18.42%	6.12%	0.24%	1.01%	0.02%	0.43%	3.88%
069	59,651	140	0.24%	46,047	77.19%	68.5%	21.6%	4.88%	0.18%	1.62%	0.05%	0.22%	2.94%
070	59,322	-189	-0.32%	45,268	76.31%	74.14%	15.25%	5.49%	0.28%	1.32%	0.04%	0.31%	3.16%
071	59,203	-308	-0.52%	45,550	76.94%	67.58%	15.24%	7.75%	0.15%	5.44%	0.06%	0.43%	3.35%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+ _Wht]	[% NH18+ _Blk]	[% H18+ _Pop]	[% NH18+ _Ind]	[% NH18+ _Asn]	[% NH18+ _Hwn]	[% NH18+ _Oth]	[% NH18+_2 + Races]
072	59,975	464	0.78%	45,925	76.57%	69.68%	14.59%	6.73%	0.13%	4.8%	0.03%	0.56%	3.47%
073	59,455	-56	-0.09%	44,961	75.62%	60.06%	28.72%	5.58%	0.21%	1.85%	0.02%	0.45%	3.12%
074	59,453	-58	-0.10%	44,149	74.26%	8.6%	67.27%	13.89%	0.21%	7.71%	0.05%	0.43%	1.85%
075	59,873	362	0.61%	44,777	74.79%	13.51%	68.66%	9.8%	0.16%	4.56%	0.05%	0.54%	2.72%
076	59,544	33	0.06%	45,413	76.27%	14.89%	68.23%	8.37%	0.16%	5.09%	0.06%	0.56%	2.64%
077	59,646	135	0.23%	43,403	72.77%	7.34%	70.79%	14.91%	0.21%	3.84%	0.03%	0.64%	2.24%
078	59,789	278	0.47%	45,365	75.88%	27.41%	53.83%	8.61%	0.21%	6.32%	0.08%	0.62%	2.93%
079	59,508	-3	-0.01%	45,458	76.39%	52.89%	13.91%	12.87%	0.05%	16.46%	0.05%	0.69%	3.09%
080	59,157	-354	-0.59%	47,688	80.61%	61.45%	12.27%	14.75%	0.1%	7.89%	0.03%	0.56%	2.94%
081	59,884	373	0.63%	45,348	75.73%	39.11%	11.03%	34.92%	0.18%	11.81%	0.02%	0.54%	2.39%
082	59,699	188	0.32%	48,887	81.89%	48.51%	19.9%	18.28%	0.1%	9.58%	0.03%	0.54%	3.07%
083	59,624	113	0.19%	46,307	77.67%	39.35%	50.06%	4.05%	0.16%	2.79%	0.04%	0.42%	3.15%
084	59,343	-168	-0.28%	47,225	79.58%	32.38%	55.53%	3.55%	0.16%	4.6%	0.03%	0.6%	3.16%
085	59,792	281	0.47%	46,309	77.45%	26.79%	52.2%	4.56%	0.16%	12.3%	0.03%	0.57%	3.4%
086	59,633	122	0.21%	45,637	76.53%	28.13%	54.04%	6.37%	0.17%	7.9%	0.01%	0.56%	2.81%
087	59,801	290	0.49%	46,173	77.21%	18.48%	62.94%	7.5%	0.23%	7.32%	0.02%	0.58%	2.94%
088	59,512	1	0.00%	46,477	78.1%	18.41%	64.16%	10.39%	0.23%	3.13%	0.06%	0.64%	3%
089	59,007	-504	-0.85%	47,155	79.91%	33.5%	56.13%	4.66%	0.11%	1.87%	0.03%	0.54%	3.15%
090	59,411	-100	-0.17%	46,508	78.28%	20.67%	71.27%	3.39%	0.12%	1.13%	0.01%	0.51%	2.89%
091	59,019	-492	-0.83%	45,395	76.92%	20.19%	69.66%	4.75%	0.16%	1.61%	0.07%	0.57%	2.99%
092	59,597	86	0.14%	44,307	74.34%	13.4%	73.3%	9.01%	0.17%	0.87%	0.05%	0.48%	2.73%
093	59,455	-56	-0.09%	44,281	74.48%	14.5%	70.94%	8.09%	0.19%	2.41%	0.02%	0.65%	3.2%
094	59,305	-206	-0.35%	44,803	75.55%	20.58%	62.36%	7.62%	0.18%	5.44%	0.03%	0.61%	3.17%
095	59,763	252	0.42%	46,128	77.18%	43.66%	21.88%	17.58%	0.17%	12.84%	0.03%	0.59%	3.25%
096	59,534	23	0.04%	45,289	76.07%	22.29%	21.59%	31.91%	0.12%	20.97%	0.05%	0.59%	2.48%
097	59,294	-217	-0.36%	42,583	71.82%	54.36%	9.79%	10.13%	0.12%	22.19%	0.04%	0.41%	2.96%
098	59,512	1	0.00%	42,682	71.72%	48.4%	25.81%	15.17%	0.13%	6.7%	0.02%	0.63%	3.15%
099	59,736	225	0.38%	42,537	71.21%	11.65%	20.9%	52.86%	0.12%	12.2%	0.05%	0.52%	1.7%
100	59,526	15	0.03%	44,064	74.02%	14.44%	28.71%	38.92%	0.17%	14.76%	0.03%	0.54%	2.41%
101	59,281	-230	-0.39%	45,347	76.49%	30.71%	23.41%	23.61%	0.18%	18.74%	0.05%	0.59%	2.71%
102	58,952	-559	-0.94%	44,877	76.12%	38.88%	26.9%	19.97%	0.13%	10.8%	0.03%	0.5%	2.79%
103	59,308	-203	-0.34%	43,664	73.62%	61.27%	12.33%	15.13%	0.2%	7.88%	0.03%	0.42%	2.74%
104	59,524	13	0.02%	43,661	73.35%	55.67%	17.81%	11.52%	0.12%	11.33%	0.03%	0.46%	3.06%
105	59,511	0	0.00%	43,243	72.66%	32.08%	40.23%	15.92%	0.14%	7.6%	0.05%	0.59%	3.38%
106	59,532	21	0.04%	44,091	74.06%	39.62%	37.21%	10.44%	0.19%	8.42%	0.03%	0.78%	3.32%
107	58,947	-564	-0.95%	43,486	73.77%	30.5%	25.05%	22.62%	0.16%	18.66%	0.05%	0.53%	2.42%
108	59,405	-106	-0.18%	44,311	74.59%	38.42%	18.55%	19.94%	0.18%	19.63%	0.05%	0.53%	2.7%
109	59,486	-25	-0.04%	44,473	74.76%	40.42%	45.79%	6.39%	0.19%	2.91%	0.06%	0.7%	3.53%
110	59,069	-442	-0.74%	44,030	74.54%	66.78%	24.36%	4.55%	0.18%	0.71%	0.02%	0.42%	2.99%
111	59,765	254	0.43%	44,383	74.26%	35.3%	50.16%	7.16%	0.18%	3.39%	0.06%	0.66%	3.09%
112	58,991	-520	-0.87%	43,954	74.51%	78.96%	12.48%	3.25%	0.15%	2.42%	0%	0.3%	2.45%
113	59,201	-310	-0.52%	43,906	74.16%	24.93%	63.6%	6.04%	0.22%	1.23%	0.12%	0.75%	3.11%
114	59,513	2	0.00%	43,502	73.1%	55.05%	29.35%	9.05%	0.21%	2.43%	0.06%	0.73%	3.11%

Population Summary

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+ _Wht]	[% NH18+ _Blk]	[% H18+ _Pop]	[% NH18+ _Ind]	[% NH18+ _Asn]	[% NH18+ _Hwn]	[% NH18+ _Oth]	[% NH18+_2 + Races]
115	59,062	-449	-0.75%	44,162	74.77%	70.23%	18.24%	5.84%	0.23%	1.9%	0.02%	0.51%	3.02%
116	59,943	432	0.73%	45,302	75.58%	70.42%	11.75%	10%	0.13%	3.99%	0.02%	0.41%	3.29%
117	59,574	63	0.11%	49,997	83.92%	68.2%	13.77%	7.65%	0.22%	6.39%	0.03%	0.5%	3.24%
118	59,844	333	0.56%	48,350	80.79%	53.73%	28.04%	11.81%	0.25%	2.51%	0.07%	0.8%	2.8%
119	59,891	380	0.64%	45,332	75.69%	21.21%	64.25%	8.06%	0.2%	2.88%	0.03%	0.75%	2.61%
120	59,733	222	0.37%	47,997	80.35%	67.43%	21.8%	5.62%	0.19%	1.53%	0.01%	0.45%	2.96%
121	59,591	80	0.13%	45,496	76.35%	67.17%	23.84%	4.13%	0.31%	0.99%	0.07%	0.29%	3.22%
122	59,518	7	0.01%	43,184	72.56%	69.34%	13.98%	5.26%	0.17%	6.6%	0.09%	0.56%	4.01%
123	59,698	187	0.31%	46,931	78.61%	67.97%	17.93%	4.99%	0.19%	4.47%	0.17%	0.42%	3.85%
124	59,863	352	0.59%	47,628	79.56%	38.16%	51.23%	4.34%	0.2%	2.43%	0.12%	0.43%	3.09%
125	59,863	352	0.59%	44,610	74.52%	27.67%	64.11%	3.77%	0.24%	0.93%	0.14%	0.32%	2.82%
126	59,913	402	0.68%	45,800	76.44%	40.66%	49.49%	4.6%	0.34%	1.35%	0.23%	0.3%	3.02%
127	59,769	258	0.43%	45,675	76.42%	41.4%	39.51%	10.13%	0.28%	3.62%	0.24%	0.4%	4.43%
128	59,683	172	0.29%	47,025	78.79%	41.49%	54.52%	1.67%	0.18%	0.4%	0%	0.12%	1.62%
129	59,049	-462	-0.78%	45,727	77.44%	70.57%	19.92%	4.79%	0.17%	0.94%	0.01%	0.35%	3.25%
130	59,518	7	0.01%	45,447	76.36%	55.76%	35.46%	4.39%	0.21%	1.04%	0.04%	0.33%	2.76%
131	59,321	-190	-0.32%	46,120	77.75%	71.79%	22.78%	1.87%	0.17%	0.56%	0%	0.25%	2.58%
132	59,066	-445	-0.75%	44,684	75.65%	67.03%	23.26%	5.02%	0.26%	1.21%	0.04%	0.3%	2.88%
133	59,704	193	0.32%	45,813	76.73%	63.62%	28.19%	3.13%	0.19%	1.97%	0.05%	0.3%	2.55%
134	59,263	-248	-0.42%	45,749	77.2%	67.69%	17.12%	6.42%	0.28%	3.78%	0.24%	0.48%	3.99%
135	59,511	0	0.00%	44,554	74.87%	32.01%	54.44%	8.02%	0.23%	1.16%	0.2%	0.49%	3.46%
136	59,805	294	0.49%	45,173	75.53%	34.2%	51.62%	6.44%	0.26%	3.4%	0.27%	0.39%	3.42%
137	59,758	247	0.42%	46,253	77.4%	41.81%	49.07%	4.52%	0.17%	1.33%	0.18%	0.27%	2.65%
138	59,005	-506	-0.85%	44,980	76.23%	40.44%	14.35%	9.19%	0.14%	32.23%	0.06%	0.54%	3.06%
139	59,040	-471	-0.79%	46,978	79.57%	38.82%	54.06%	4.05%	0.15%	1.22%	0.02%	0.16%	1.54%
140	59,386	-125	-0.21%	46,873	78.93%	64.52%	28.65%	3.16%	0.22%	0.57%	0.01%	0.27%	2.59%
141	59,321	-190	-0.32%	46,459	78.32%	67.33%	24.04%	2.79%	0.2%	3.24%	0.01%	0.24%	2.16%
142	59,511	0	0.00%	44,230	74.32%	30.28%	62.25%	3.56%	0.2%	1.37%	0.02%	0.3%	2.03%
143	59,559	48	0.08%	46,340	77.81%	33.81%	57.63%	4.19%	0.16%	1.23%	0.05%	0.33%	2.6%
144	59,288	-223	-0.37%	46,102	77.76%	59.72%	29.45%	5.97%	0.26%	1.64%	0.06%	0.31%	2.6%
145	59,509	-2	0.00%	48,770	81.95%	62.13%	31.67%	2.63%	0.15%	1.11%	0.04%	0.34%	1.93%
146	59,511	0	0.00%	43,599	73.26%	52.18%	34.09%	7.01%	0.23%	2.17%	0.09%	0.36%	3.87%
147	59,511	0	0.00%	44,543	74.85%	55.65%	28.35%	6.71%	0.21%	5.03%	0.07%	0.35%	3.64%
148	59,593	82	0.14%	46,187	77.5%	60.19%	32.96%	3.04%	0.12%	1.09%	0.04%	0.28%	2.28%
149	59,595	84	0.14%	48,294	81.04%	68.06%	15.93%	6.62%	0.12%	5.35%	0.05%	0.53%	3.35%
150	60,003	492	0.83%	46,315	77.19%	57.65%	36.58%	2.15%	0.2%	0.94%	0.04%	0.2%	2.23%
151	58,926	-585	-0.98%	46,152	78.32%	51.32%	37.08%	7.18%	0.24%	1.27%	0.18%	0.19%	2.54%
152	59,511	0	0.00%	45,482	76.43%	70.61%	22.22%	2.65%	0.21%	1.69%	0.04%	0.19%	2.39%
153	58,998	-513	-0.86%	45,796	77.62%	34.93%	59.06%	2.44%	0.15%	1.18%	0.02%	0.23%	1.98%
154	58,998	-513	-0.86%	46,182	78.28%	32.61%	62.7%	2.17%	0.18%	0.33%	0.02%	0.15%	1.84%
155	59,639	128	0.22%	46,995	78.8%	58.54%	31.56%	7.31%	0.16%	0.64%	0%	0.16%	1.63%
156	59,163	-348	-0.58%	45,238	76.46%	66.34%	24.5%	6.33%	0.13%	0.56%	0.03%	0.16%	1.95%
157	59,971	460	0.77%	44,596	74.36%	62.21%	24.54%	9.16%	0.21%	1.09%	0.07%	0.25%	2.48%

Population Summary

GHDC-HousePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+ _Wht]	[% NH18+ _Blk]	[% H18+ _Pop]	[% NH18+ _Ind]	[% NH18+ _Asn]	[% NH18+ _Hwn]	[% NH18+ _Oth]	[% NH18+_2 + Races]
158	60,024	513	0.86%	46,915	78.16%	60.34%	33.87%	2.95%	0.2%	0.58%	0.04%	0.19%	1.84%
159	59,374	-137	-0.23%	44,636	75.18%	68.84%	24.31%	2.72%	0.3%	0.63%	0.04%	0.22%	2.95%
160	59,127	-384	-0.65%	47,516	80.36%	68.25%	21.28%	5.07%	0.24%	1.66%	0.09%	0.28%	3.12%
161	59,542	31	0.05%	43,912	73.75%	62.37%	24.04%	6.59%	0.24%	2.34%	0.09%	0.5%	3.83%
162	59,400	-111	-0.19%	46,399	78.11%	33.92%	48.36%	9.92%	0.27%	4.52%	0.11%	0.38%	2.52%
163	59,505	-6	-0.01%	48,273	81.12%	43.74%	41.16%	7.01%	0.19%	4.12%	0.16%	0.46%	3.16%
164	59,756	245	0.41%	45,544	76.22%	55.78%	25.53%	8.81%	0.3%	4.8%	0.13%	0.52%	4.13%
165	59,590	79	0.13%	47,573	79.83%	46.78%	41.3%	5.1%	0.19%	3.06%	0.2%	0.37%	3%
166	59,913	402	0.68%	47,251	78.87%	84.84%	4.96%	4.02%	0.19%	2.6%	0.06%	0.33%	3%
167	59,838	327	0.55%	45,680	76.34%	63.16%	23.96%	7.13%	0.33%	1.44%	0.19%	0.4%	3.38%
168	59,508	-3	-0.01%	44,490	74.76%	39.01%	42.46%	10.32%	0.34%	2.34%	0.65%	0.38%	4.5%
169	59,955	444	0.75%	45,452	75.81%	59.35%	27.6%	10.08%	0.16%	0.62%	0.04%	0.13%	2.02%
170	59,961	450	0.76%	45,226	75.43%	65.73%	22.94%	7.31%	0.15%	1.07%	0.02%	0.24%	2.53%
171	59,339	-172	-0.29%	45,756	77.11%	54.05%	38.06%	5.12%	0.23%	0.62%	0.03%	0.16%	1.73%
172	59,591	80	0.13%	44,559	74.77%	58.09%	25.07%	13.69%	0.27%	0.74%	0.02%	0.24%	1.89%
173	59,442	-69	-0.12%	45,211	76.06%	57.5%	33.02%	5.65%	0.31%	0.86%	0.02%	0.25%	2.39%
174	59,508	-3	-0.01%	44,000	73.94%	61.73%	26.99%	6.23%	0.37%	1.31%	0.13%	0.24%	2.99%
175	59,650	139	0.23%	45,012	75.46%	68.71%	22.06%	4.86%	0.32%	1.26%	0.03%	0.22%	2.56%
176	59,710	199	0.33%	45,869	76.82%	79.9%	11.59%	5.06%	0.28%	0.38%	0.03%	0.18%	2.57%
177	59,509	-2	0.00%	45,676	76.75%	38.03%	50.68%	6%	0.21%	1.57%	0.09%	0.37%	3.06%
178	59,747	236	0.40%	44,977	75.28%	76.94%	14.18%	5.93%	0.18%	0.55%	0.02%	0.18%	2.02%
179	59,910	399	0.67%	47,497	79.28%	66.56%	23.58%	5.73%	0.17%	1.04%	0.06%	0.33%	2.53%
180	59,228	-283	-0.48%	45,588	76.97%	66.73%	17.37%	9.45%	0.33%	1.7%	0.1%	0.47%	3.85%

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

EXHIBIT 15

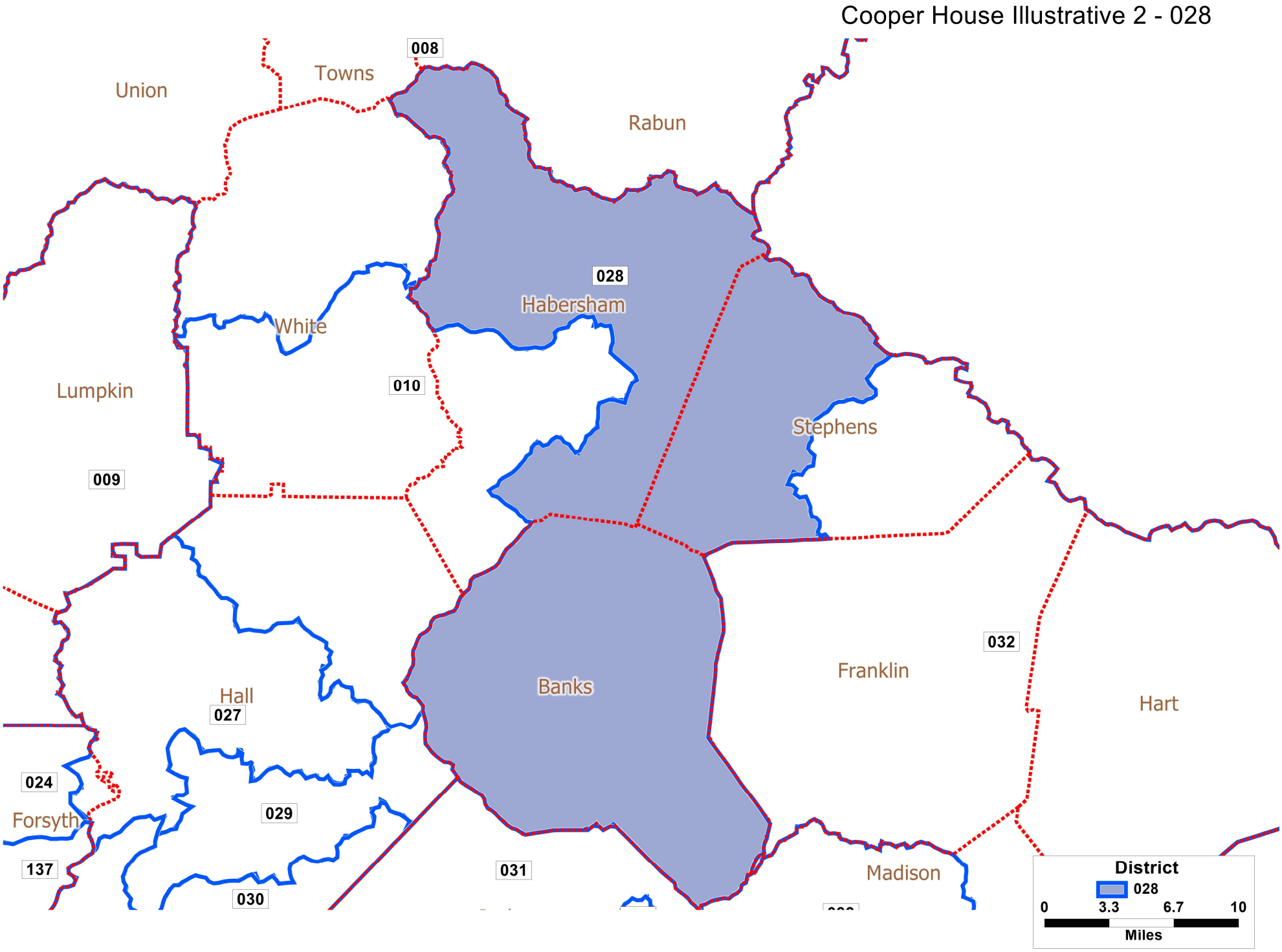

Cooper House Illustrative 2 - 028
Union
Towns
008
Rabun
028
Habersham
White
Lumpkin
010
Stephens
009
Banks
Franklin
032
Hall
027
Hart
024
Forsyth
029
137
031
Madison
030
District
028
0
3.3
6.7
10
Miles

EXHIBIT 16

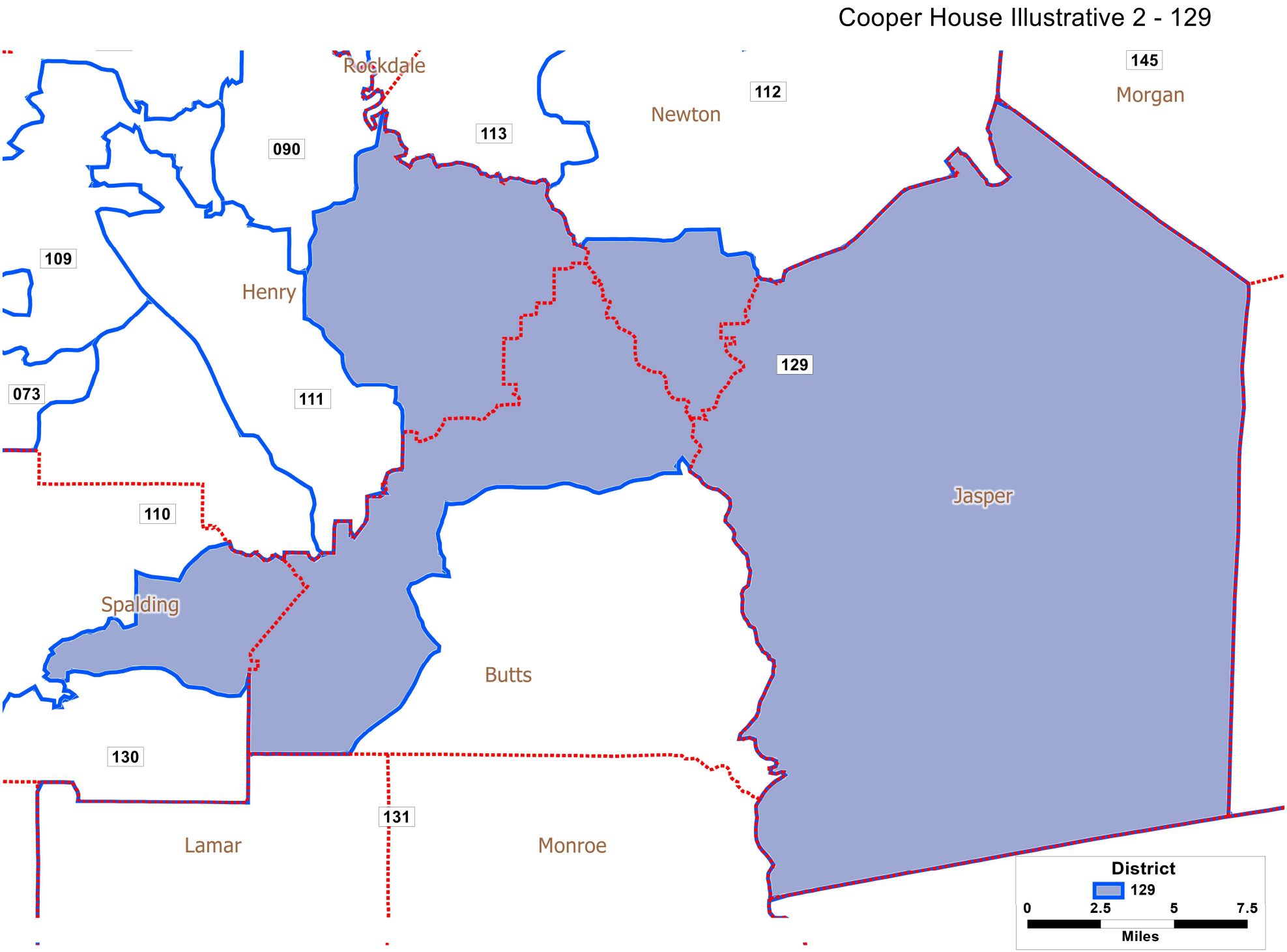

Cooper House Illustrative 2 - 129
Rockdale
Newton
Morgan
145
112
113
090
109
Henry
129
073
111
Jasper
110
Spalding
Butts
130
131
Lamar
Monroe
District
129
0
2.5
5
7.5
Miles

EXHIBIT 17

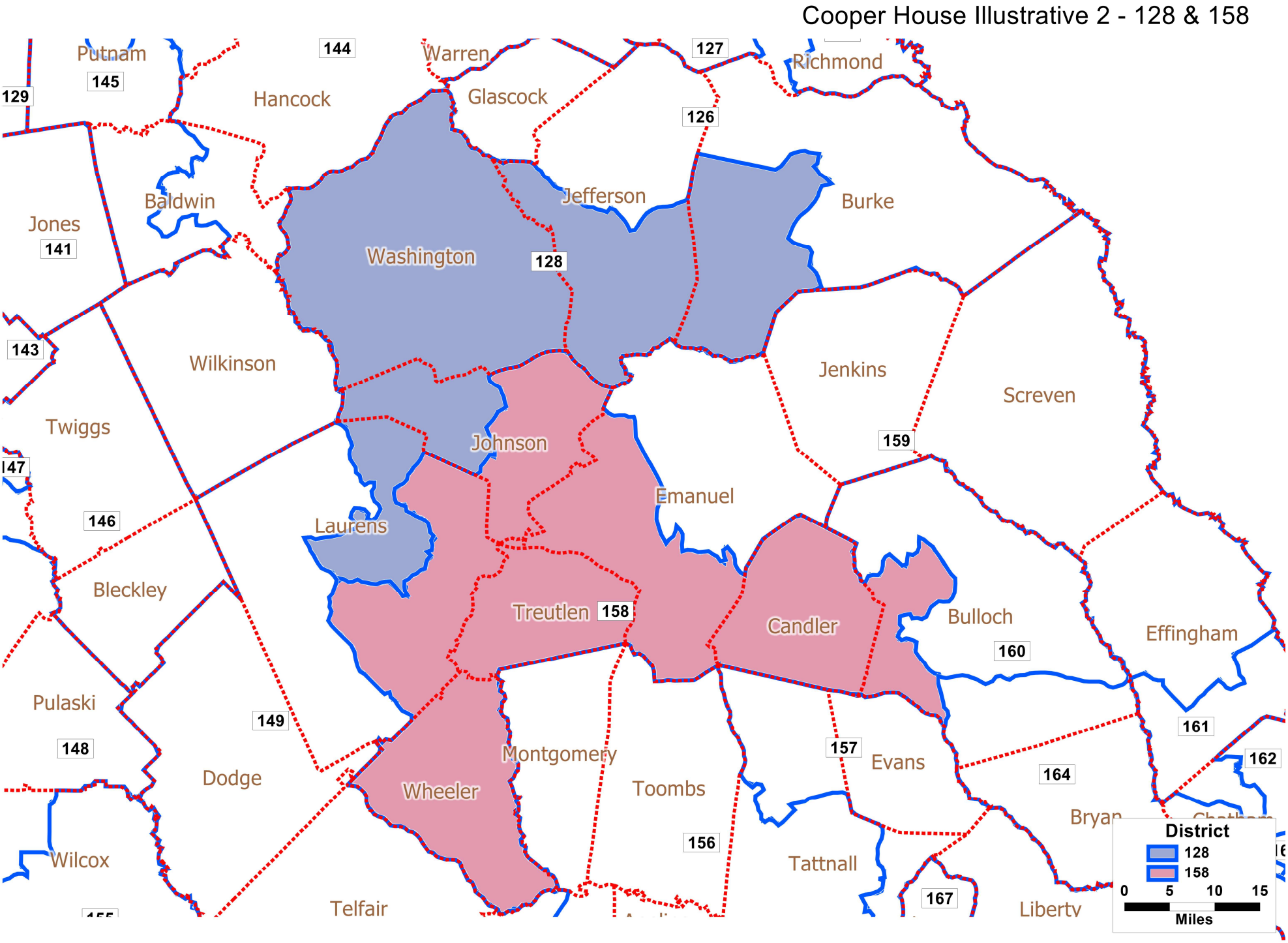

Cooper House Illustrative 2 - 128 & 158
Putnam
145
144
Warren
127
Richmond
129
Hancock
Glascock
126
Baldwin
Jefferson
Burke
Jones
141
Washington
128
143
Wilkinson
Jenkins
Screven
Twiggs
Johnson
159
147
Emanuel
146
Laurens
Bleckley
Treutlen
158
Candler
Bulloch
Effingham
160
Pulaski
149
161
148
Montgomery
157
Evans
162
Dodge
Wheeler
Toombs
164
Bryan
156
Wilcox
Tattnall
167
Telfair
Liberty
District
128
158
0 5 10 15
Miles

EXHIBIT 18

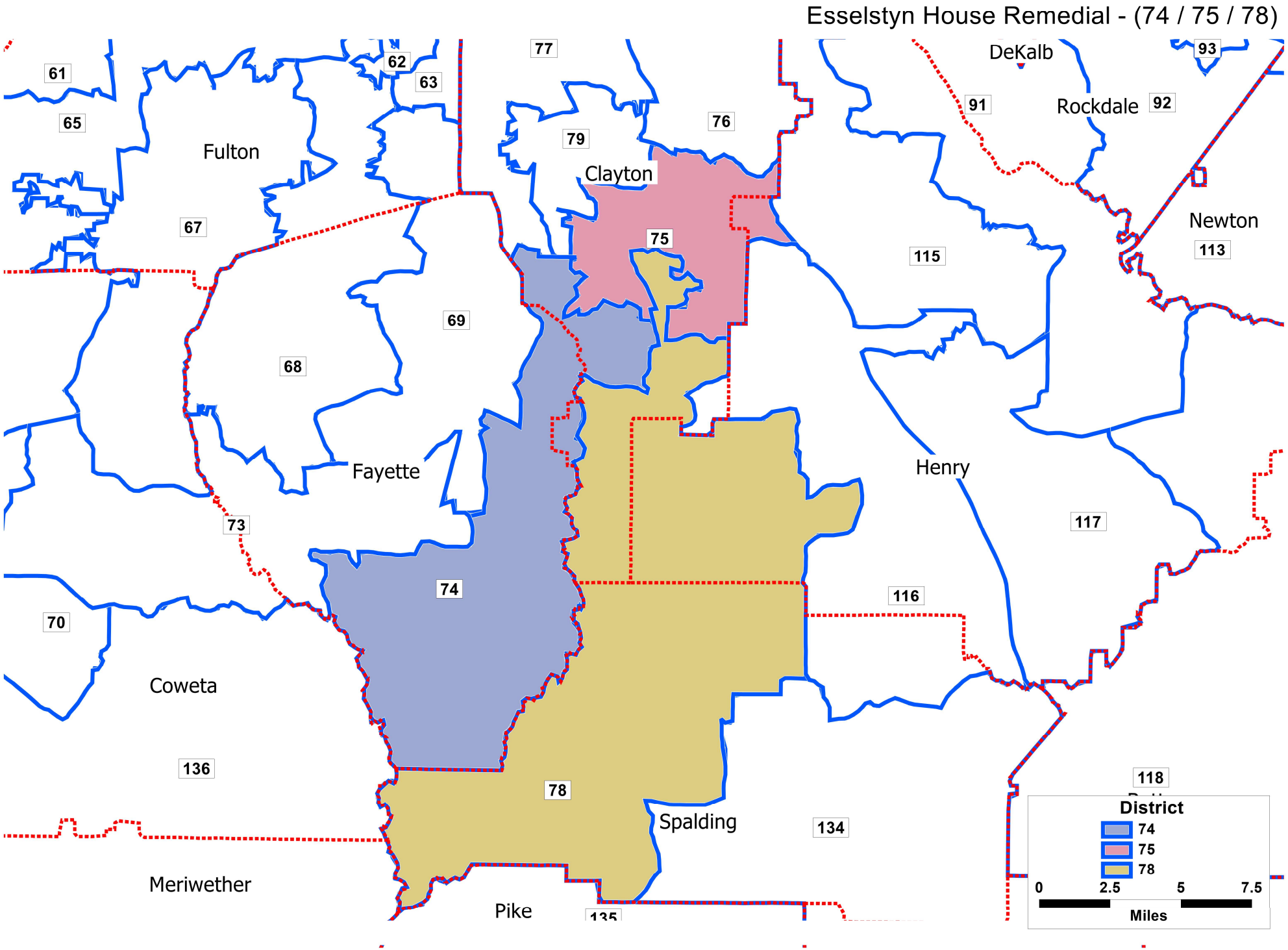

Esselstyn House Remedial - (74 / 75 / 78)
61
62
63
77
DeKalb
93
65
91
Rockdale
92
Fulton
79
76
Clayton
67
75
Newton
115
113
69
68
Fayette
Henry
73
117
74
116
70
Coweta
136
78
Spalding
134
118
Meriwether
Pike
135
District
74
75
78
0
2.5
5
7.5
Miles

EXHIBIT 19

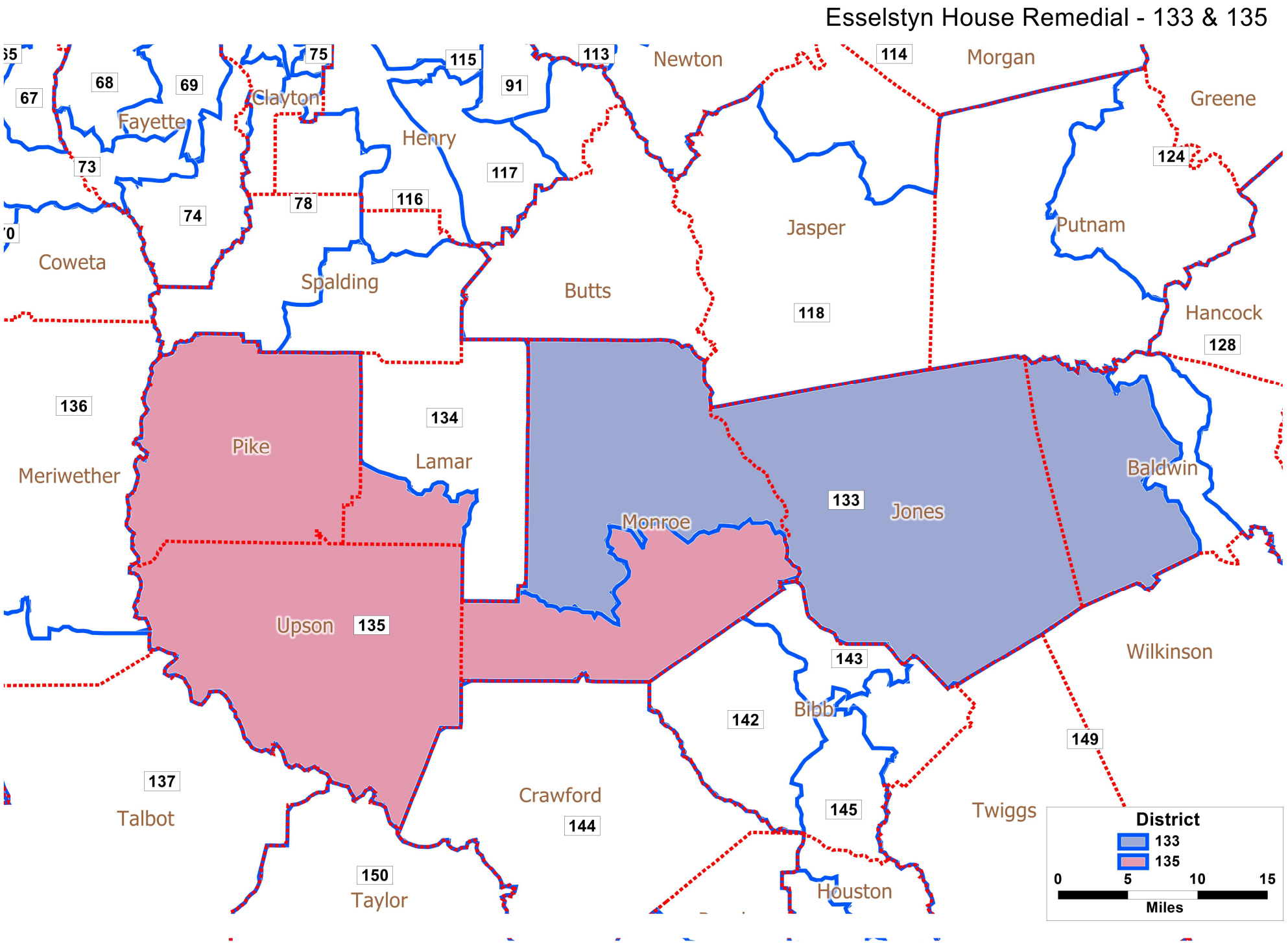

Esselstyn House Remedial - 133 & 135
Newton
Morgan
Greene
Clayton
Fayette
Henry
Jasper
Putnam
Coweta
Spalding
Butts
Hancock
Pike
Lamar
Meriwether
Baldwin
Monroe
Jones
Upson
Wilkinson
Bibb
Talbot
Crawford
Twiggs
Taylor
Houston
District
133
135
0 5 10 15
Miles

EXHIBIT 20

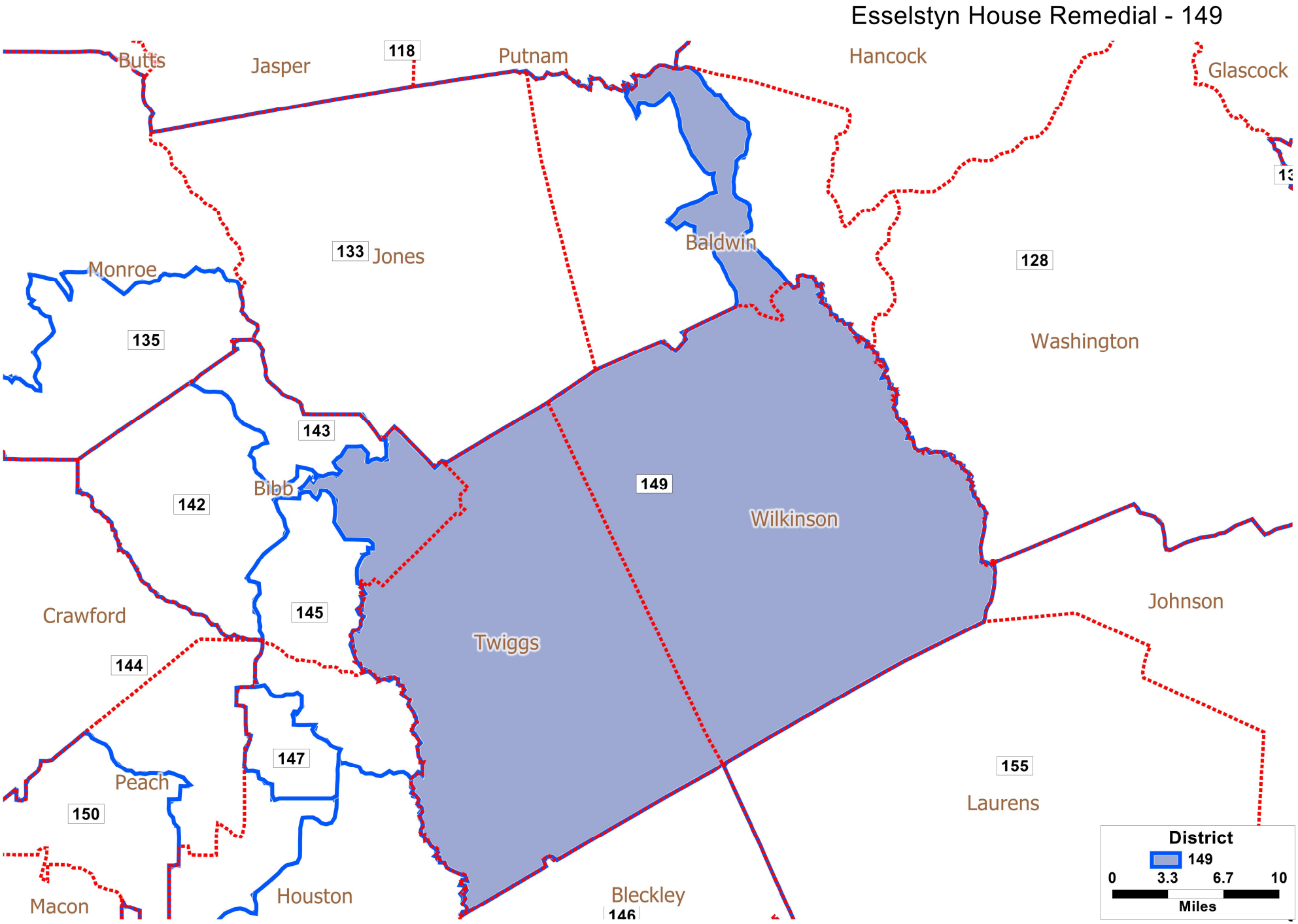

Esselstyn House Remedial - 149
Butts
Jasper
118
Putnam
Hancock
Glascock
133
Jones
Baldwin
128
Monroe
135
Washington
143
Bibb
149
142
Wilkinson
Crawford
145
Twiggs
Johnson
144
147
155
Peach
Laurens
150
Macon
Houston
Bleckley
146
District
149
0
3.3
6.7
10
Miles

EXHIBIT 21

Cooper Senate Illustrative 2 - (18)

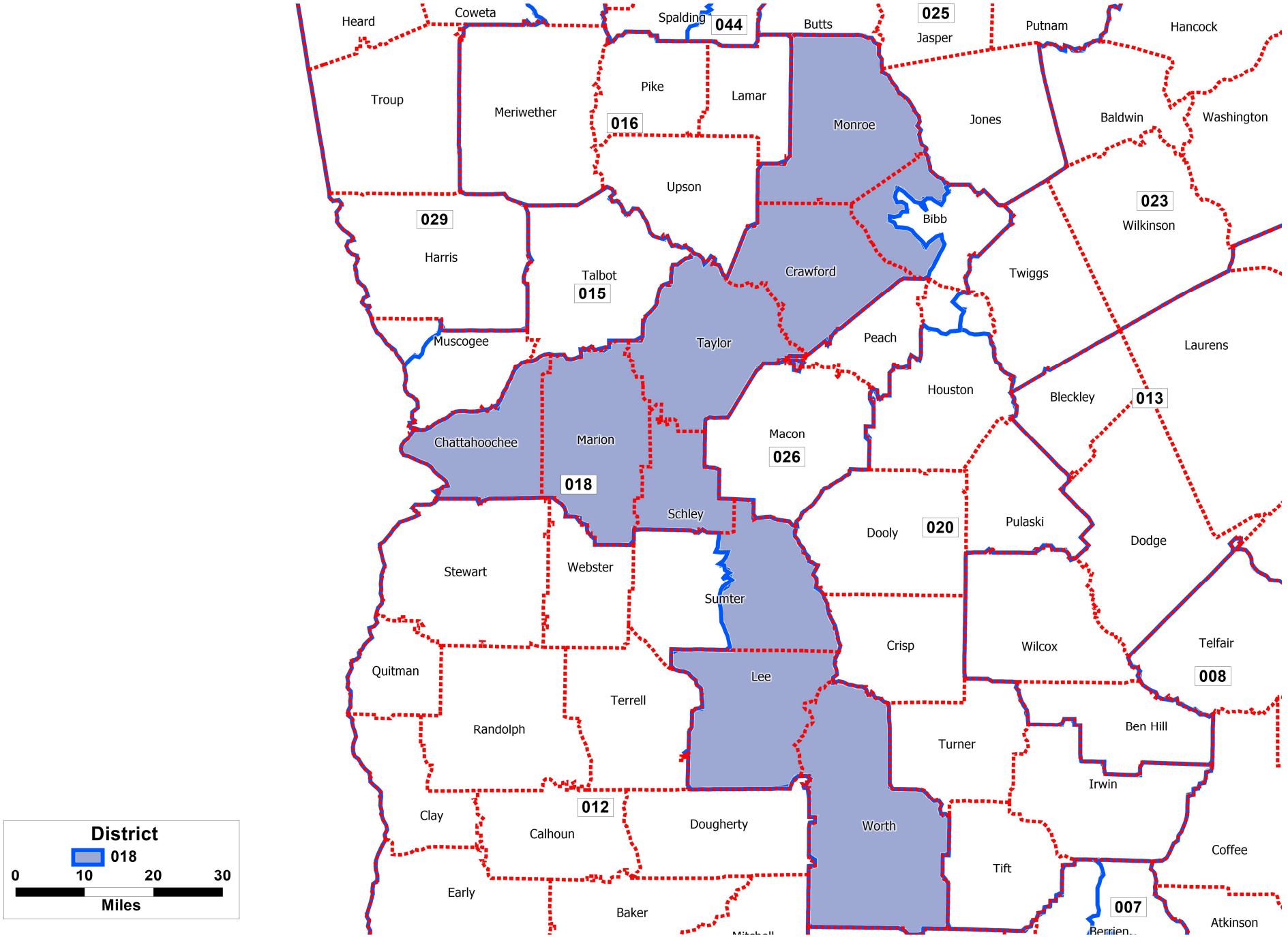


EXHIBIT 22

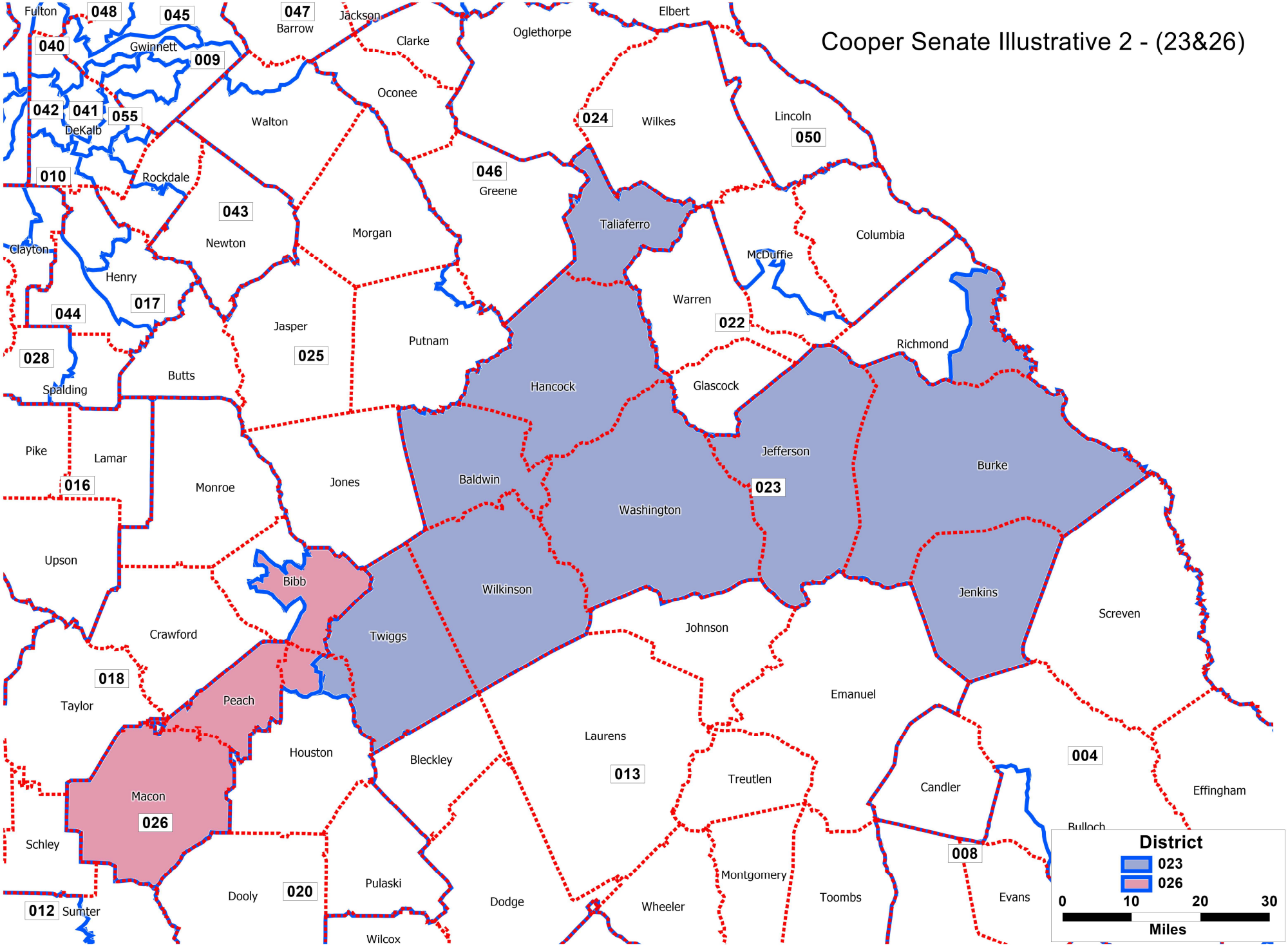

Cooper Senate Illustrative 2 - (23&26)
Fulton
048
045
047
Barrow
Jackson
Elbert
040
Gwinnett
009
Clarke
Oglethorpe
042
041
055
DeKalb
Oconee
Walton
024
Wilkes
Lincoln
050
010
Rockdale
046
Greene
043
Taliaferro
Columbia
Clayton
Newton
Morgan
McDuffie
Henry
017
Warren
044
Jasper
Putnam
022
Richmond
028
025
Butts
Hancock
Glascock
Spalding
Pike
Lamar
Jefferson
Burke
016
Monroe
Jones
Baldwin
023
Washington
Upson
Bibb
Wilkinson
Jenkins
Screven
Crawford
Twiggs
Johnson
018
Taylor
Peach
Emanuel
Laurens
004
Houston
Bleckley
013
Treutlen
Candler
Effingham
Macon
026
Bulloch
Schley
008
Montgomery
Pulaski
Dooly
020
Dodge
Toombs
Evans
012
Sumter
Wheeler
Wilcox
District
023
026
0
10
20
30
Miles

EXHIBIT 23

Cooper Senate Illustrative 2 - (16 / 28 / 29)

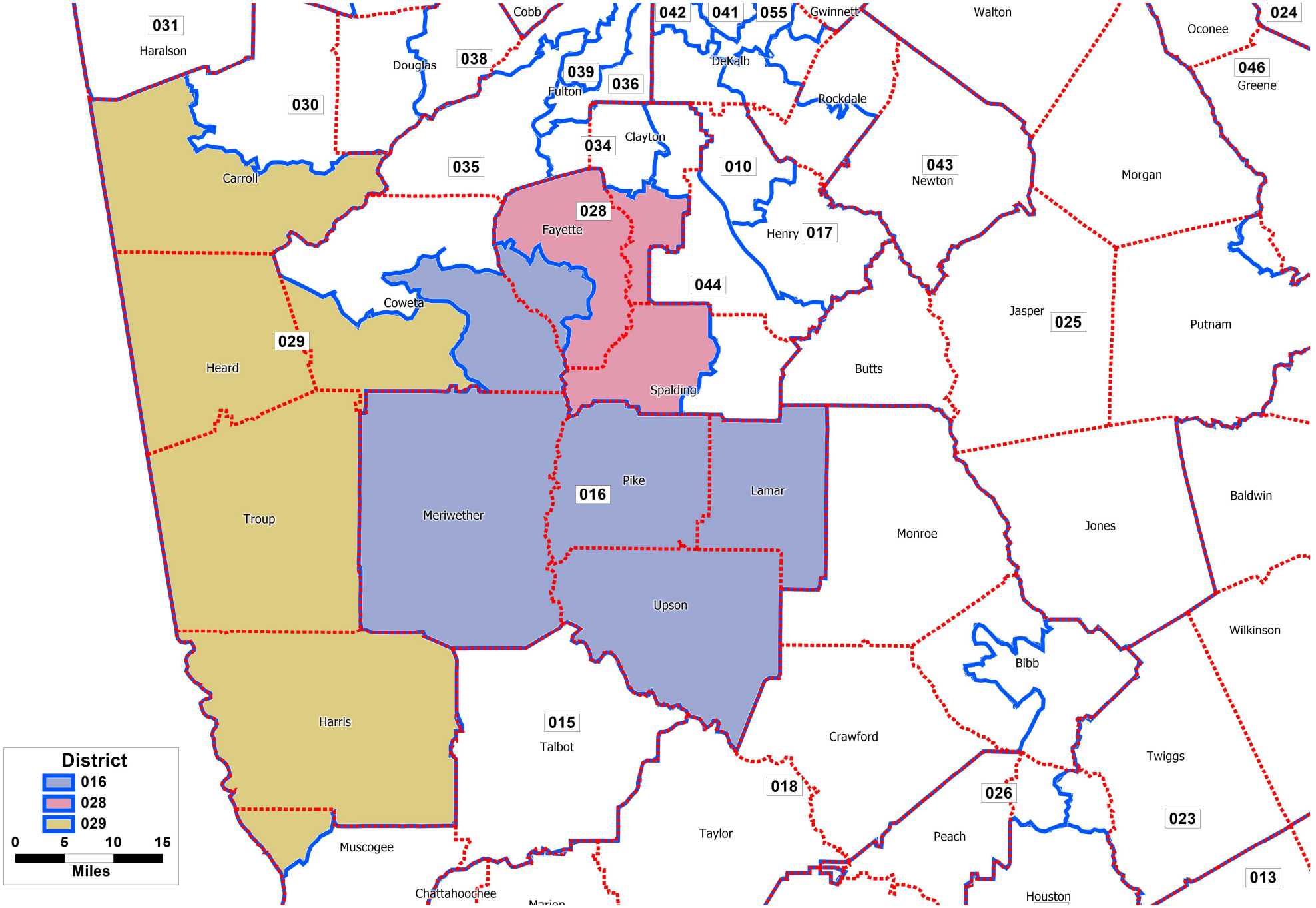


EXHIBIT 24

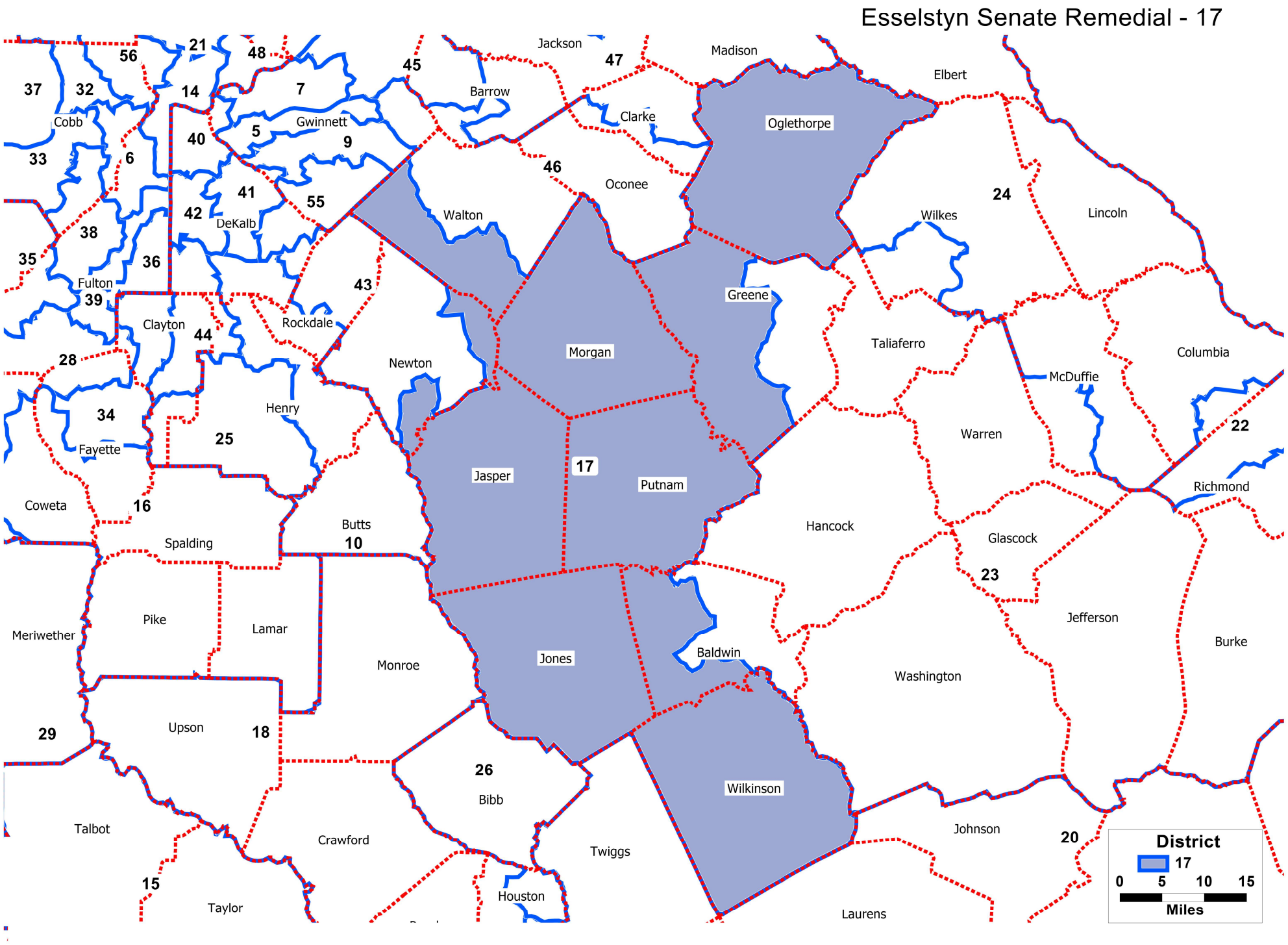

Esselstyn Senate Remedial - 17
Jackson
Madison
Elbert
Barrow
Clarke
Oglethorpe
Cobb
Gwinnett
Oconee
Walton
Wilkes
Lincoln
DeKalb
Greene
Fulton
Clayton
Rockdale
Morgan
Taliaferro
Columbia
Newton
McDuffie
Henry
Warren
Fayette
Jasper
Putnam
Richmond
Coweta
Hancock
Butts
Spalding
Glascock
Pike
Lamar
Jefferson
Meriwether
Monroe
Jones
Baldwin
Burke
Washington
Upson
Talbot
Crawford
Bibb
Wilkinson
Johnson
Twiggs
Taylor
Houston
Laurens
District
17
0 5 10 15
Miles

EXHIBIT 25

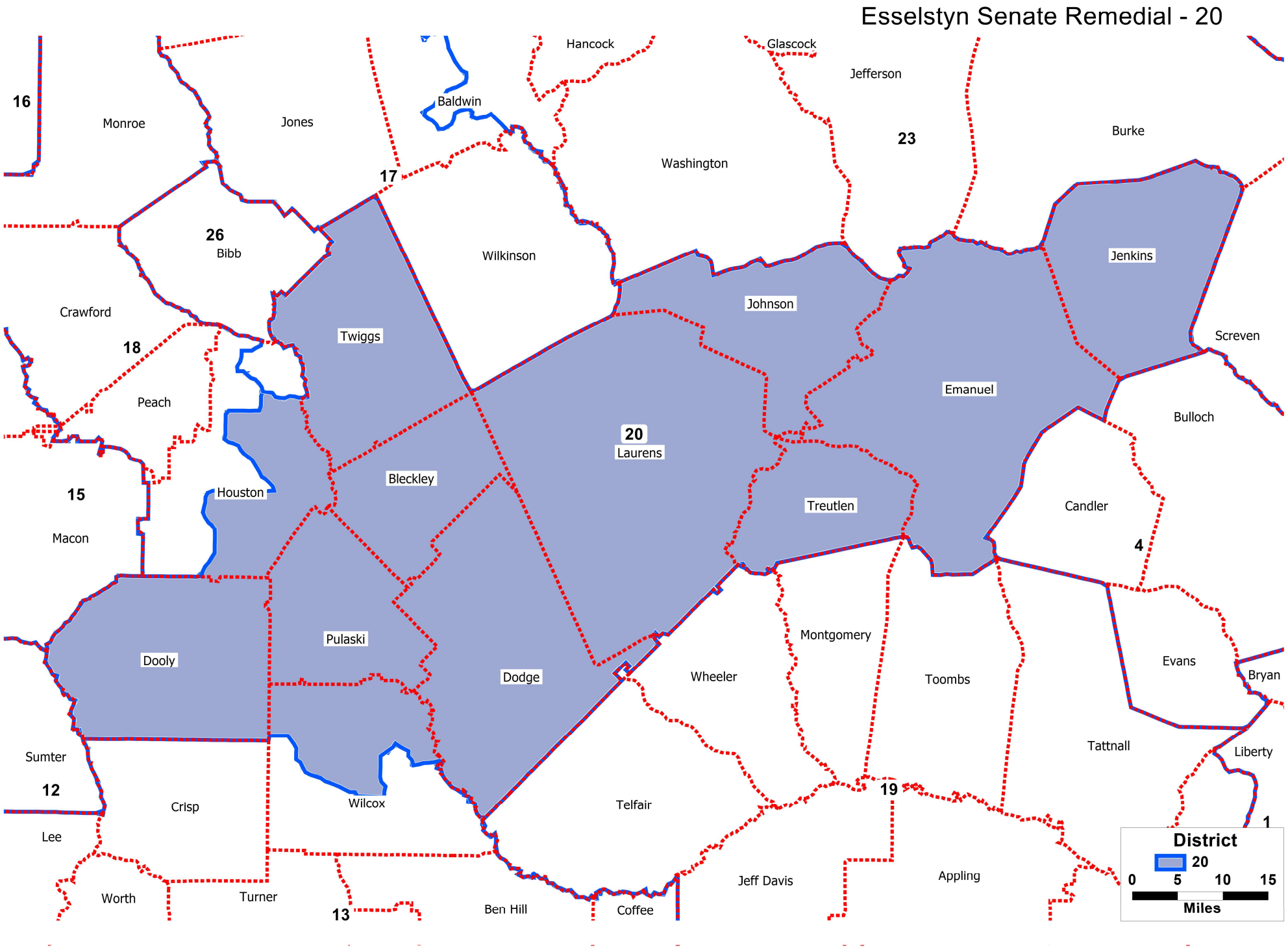

Esselstyn Senate Remedial - 20
Hancock
Glascock
Jefferson
Baldwin
16
Monroe
Jones
23
Burke
Washington
17
26
Bibb
Wilkinson
Jenkins
Crawford
Johnson
Twiggs
Screven
18
Peach
Emanuel
Bulloch
20
Laurens
Bleckley
15
Houston
Treutlen
Candler
Macon
4
Montgomery
Pulaski
Dooly
Evans
Dodge
Wheeler
Toombs
Bryan
Tattnall
Sumter
Liberty
12
19
Crisp
Wilcox
Telfair
1
Lee
Jeff Davis
Appling
Worth
Turner
13
Ben Hill
Coffee
District
20
0 5 10 15
Miles

EXHIBIT 26

Esselstyn Senate Remedial - 23

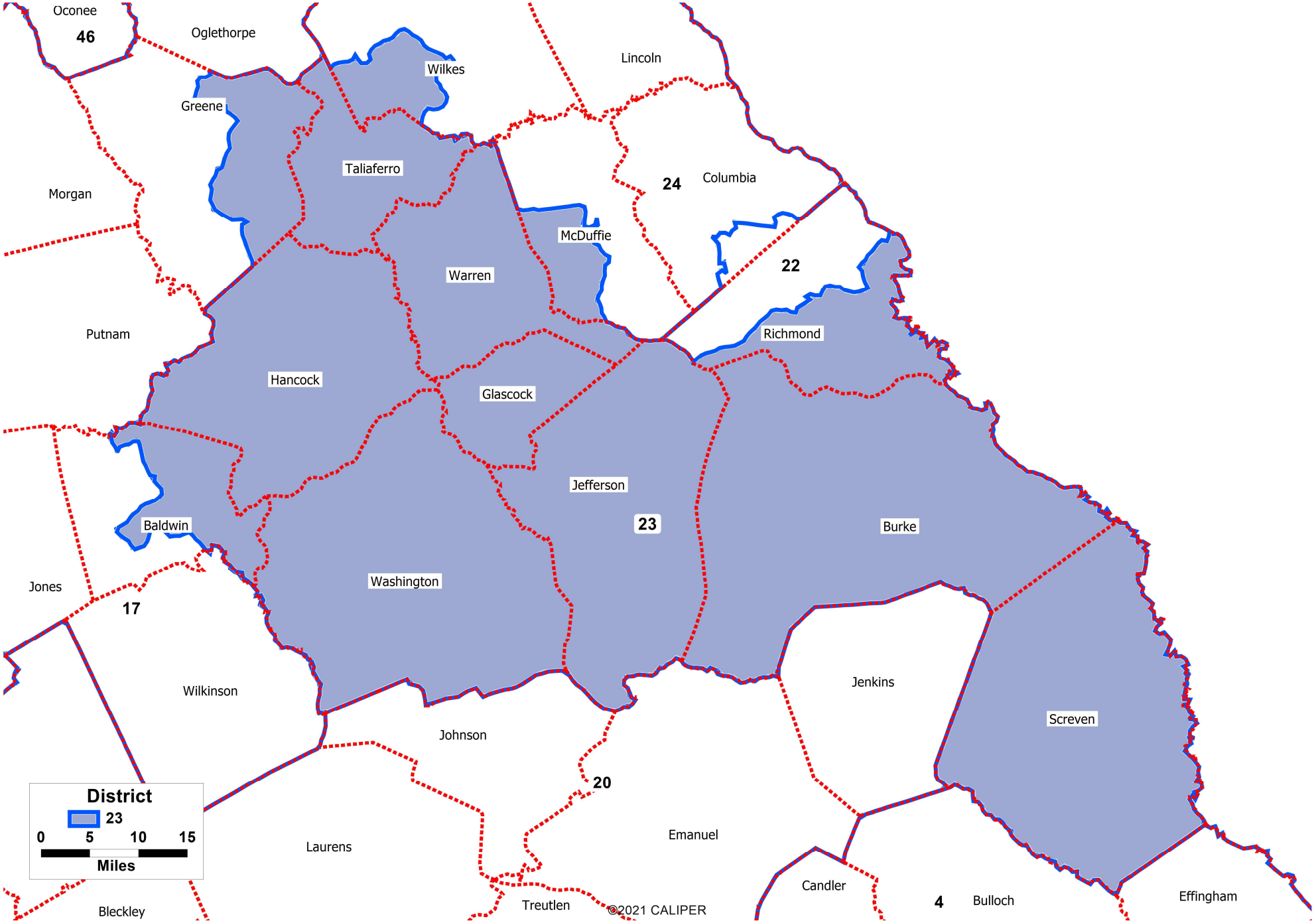


EXHIBIT 27

Cooper Remedial Congress - 14

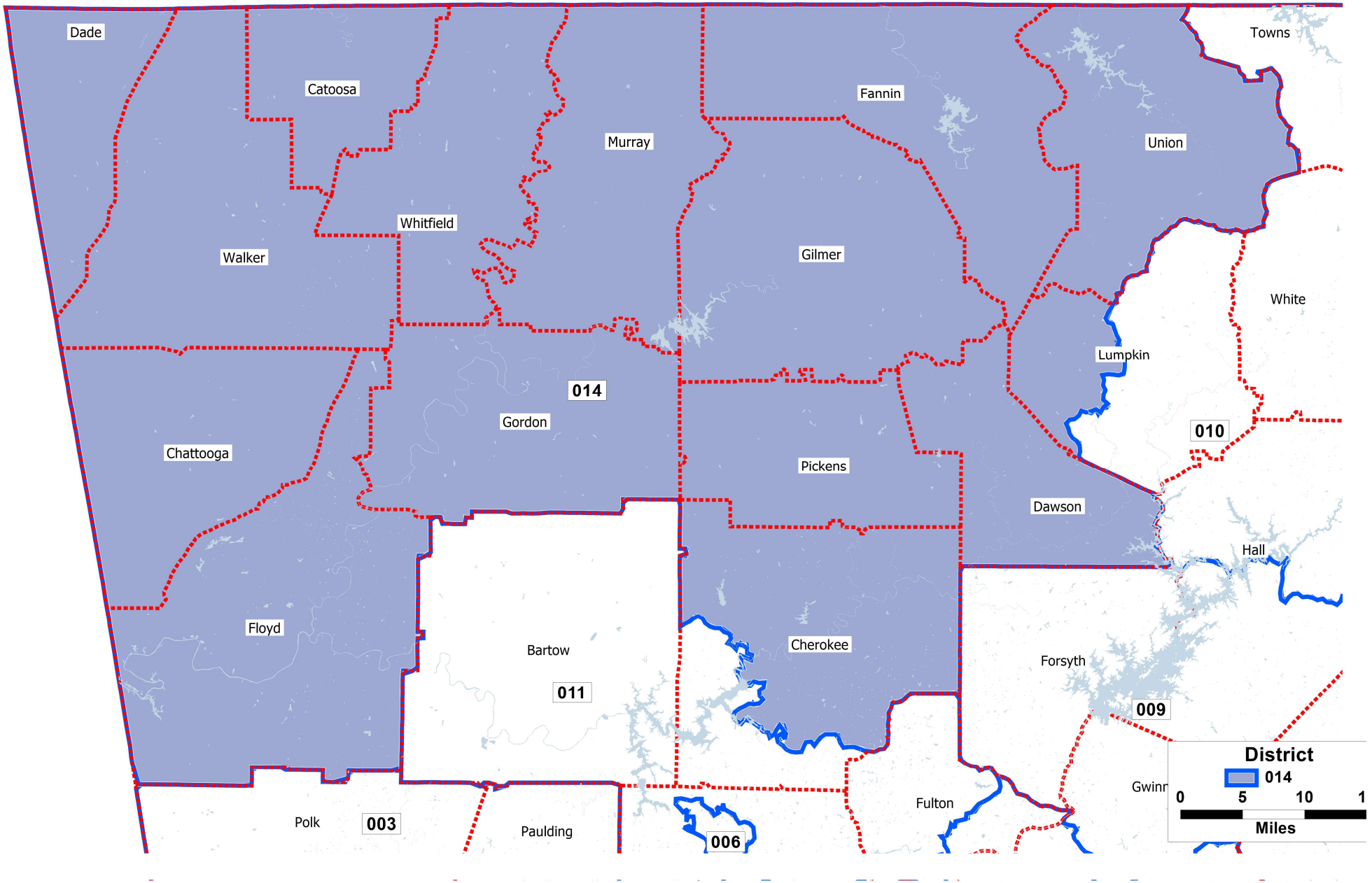


EXHIBIT 28

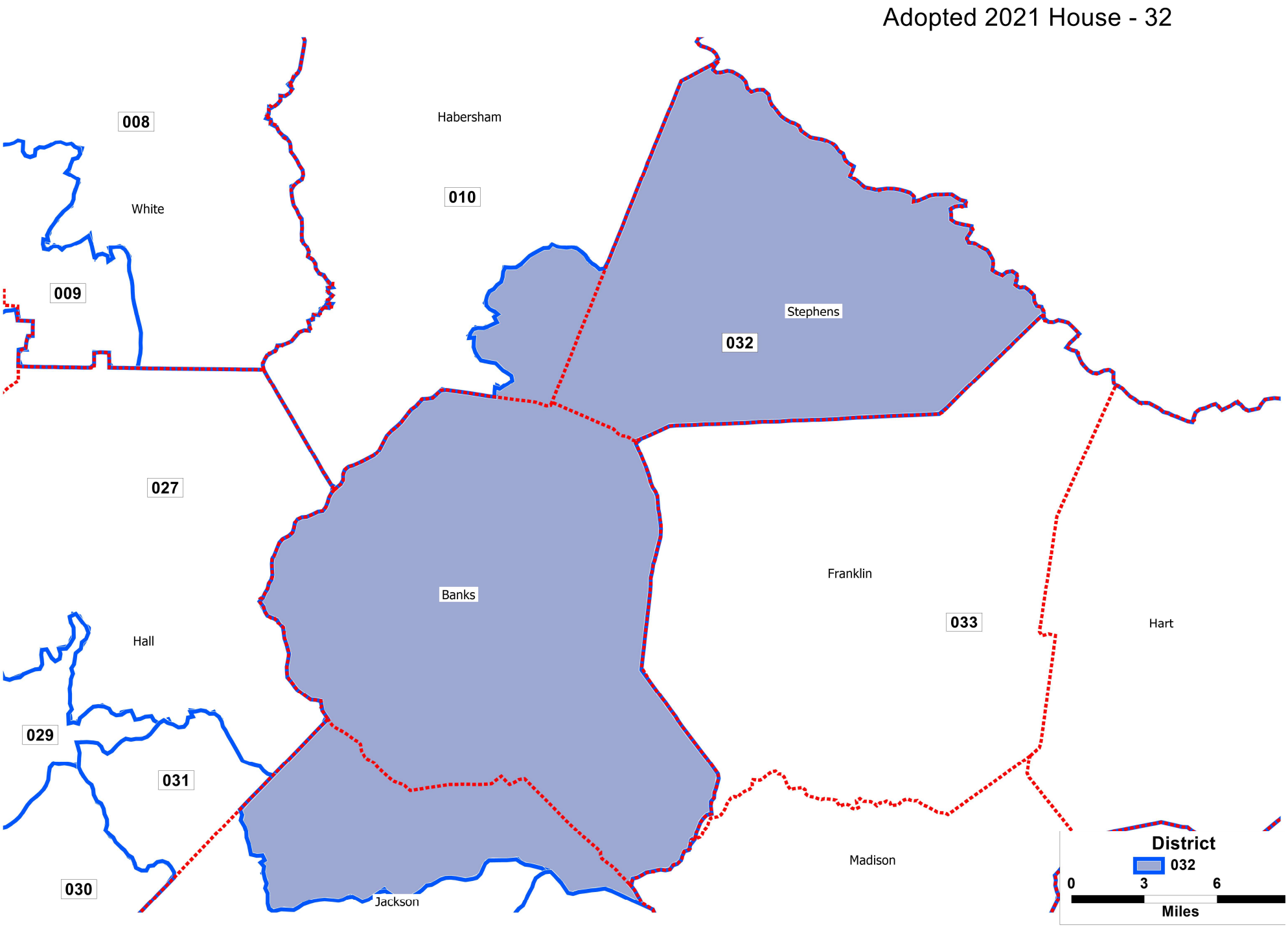

Adopted 2021 House - 32
008
Habersham
010
White
009
Stephens
032
027
Banks
Franklin
033
Hart
Hall
029
031
030
Jackson
Madison
District
032
0
3
6
Miles

EXHIBIT 29

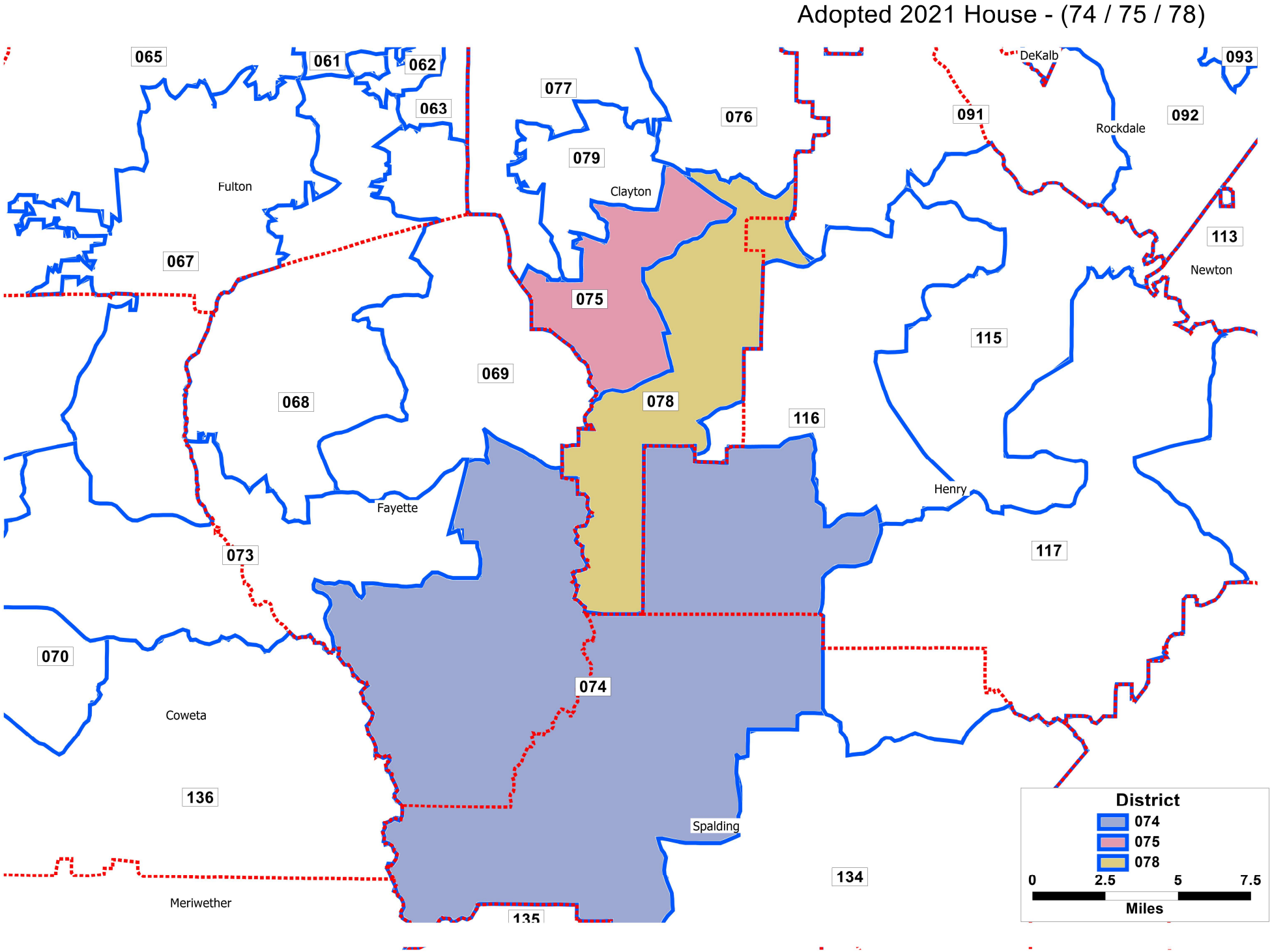

Adopted 2021 House - (74 / 75 / 78)
065
061
062
063
077
076
079
091
DeKalb
093
092
Rockdale
Fulton
Clayton
113
Newton
067
075
115
069
068
078
116
Henry
Fayette
073
117
070
074
Coweta
136
Spalding
134
Meriwether
135
District
074
075
078
0
2.5
5
7.5
Miles

EXHIBIT 30

Adopted 2021 House - 118

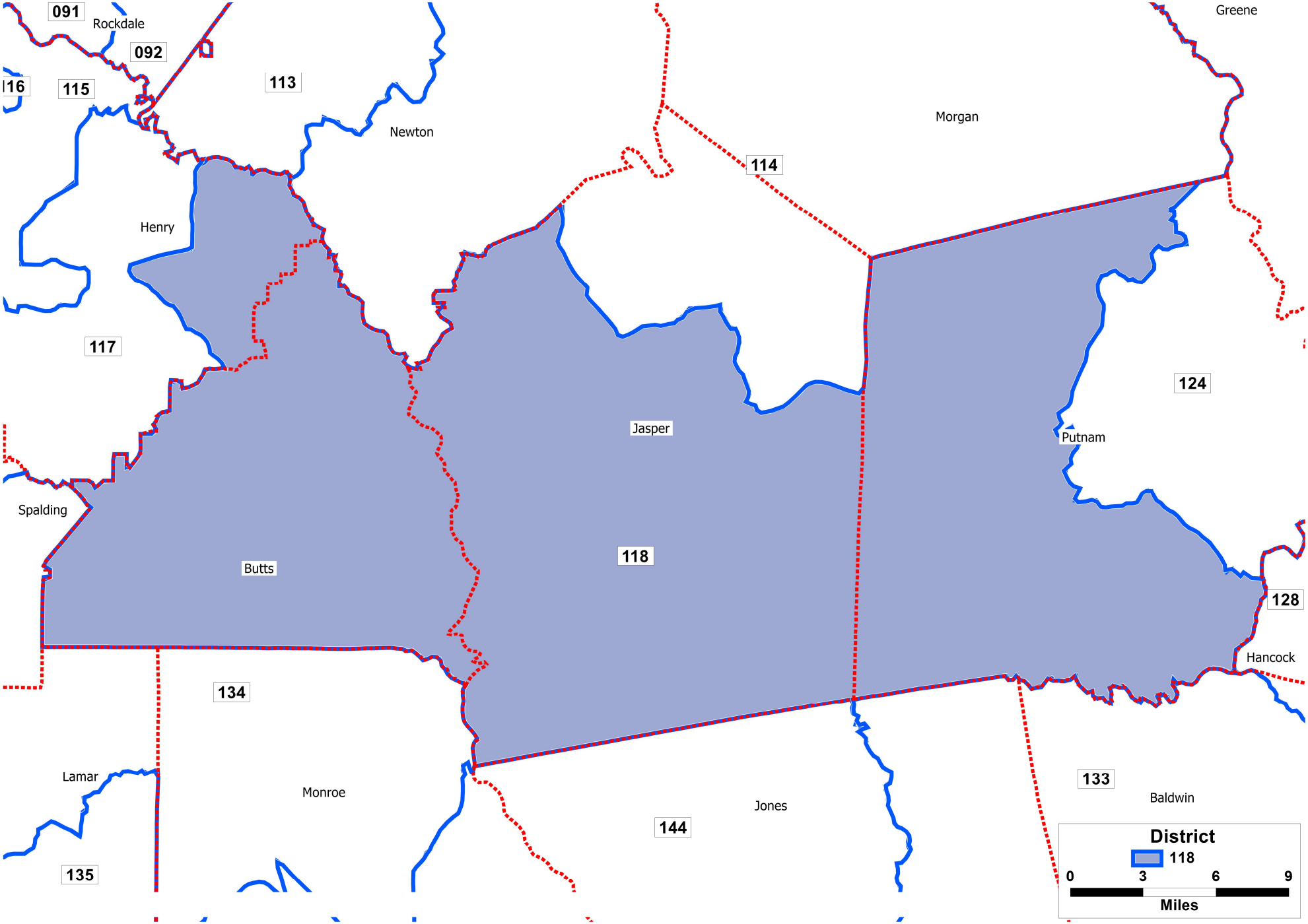


EXHIBIT 31

Adopted 2021 House - 149

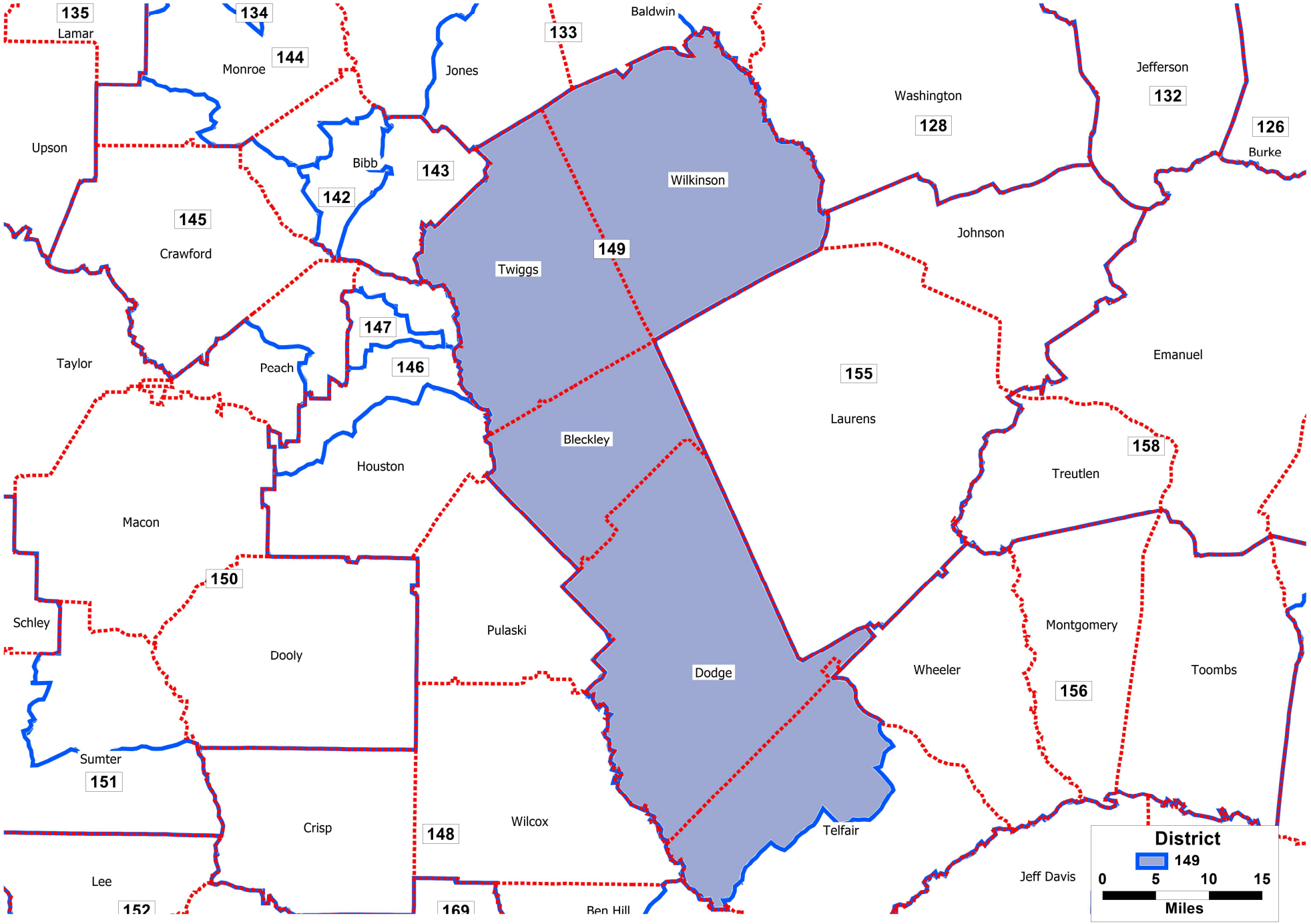


EXHIBIT 32

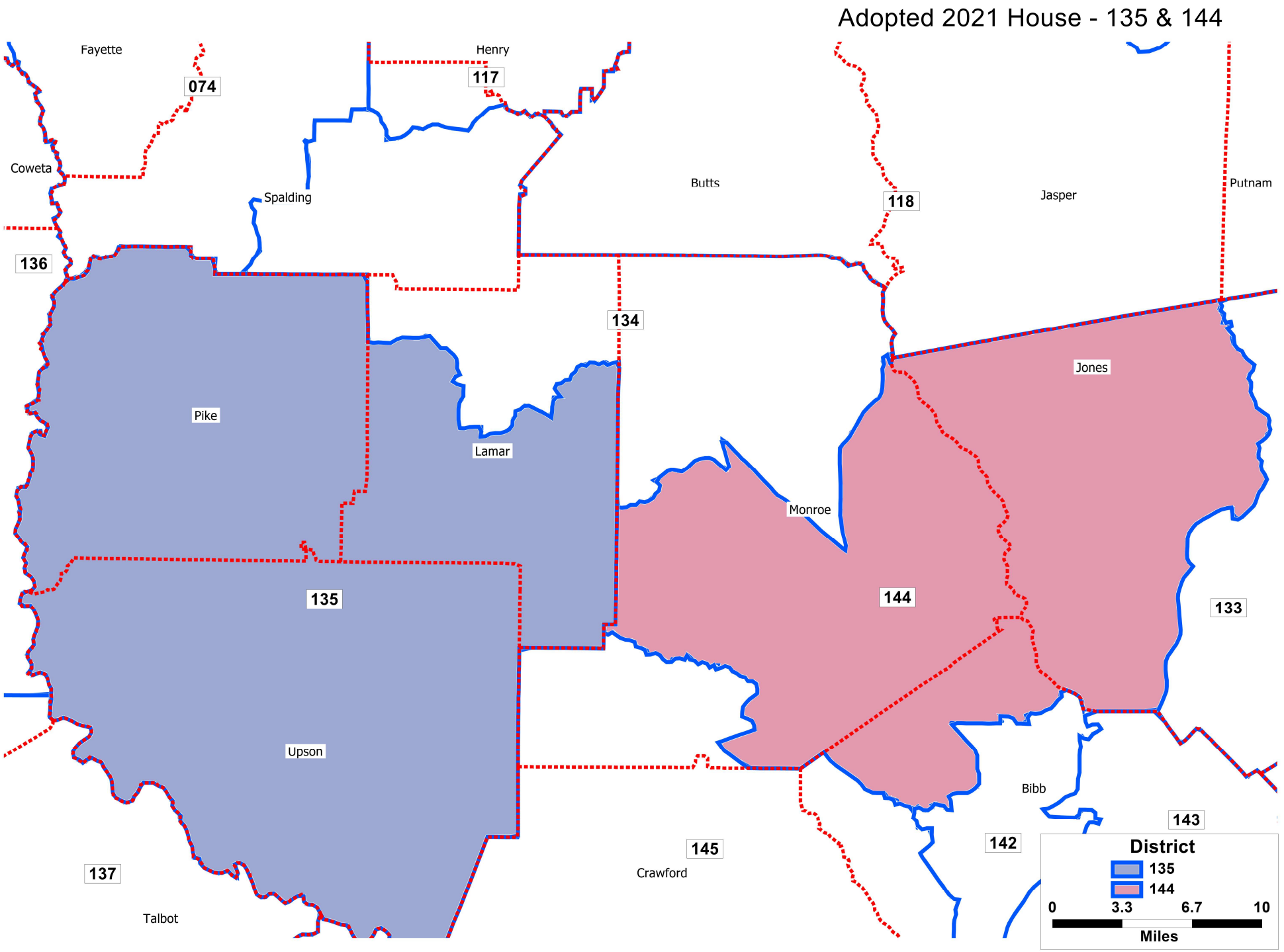

Adopted 2021 House - 135 & 144
Fayette
074
Henry
117
Coweta
Spalding
Butts
118
Jasper
Putnam
136
134
Pike
Lamar
Jones
Monroe
144
135
133
Upson
Bibb
143
142
145
Crawford
137
Talbot
District
135
144
0
3.3
6.7
10
Miles

EXHIBIT 33

Adopted 2021 House - (128 / 155 / 158)

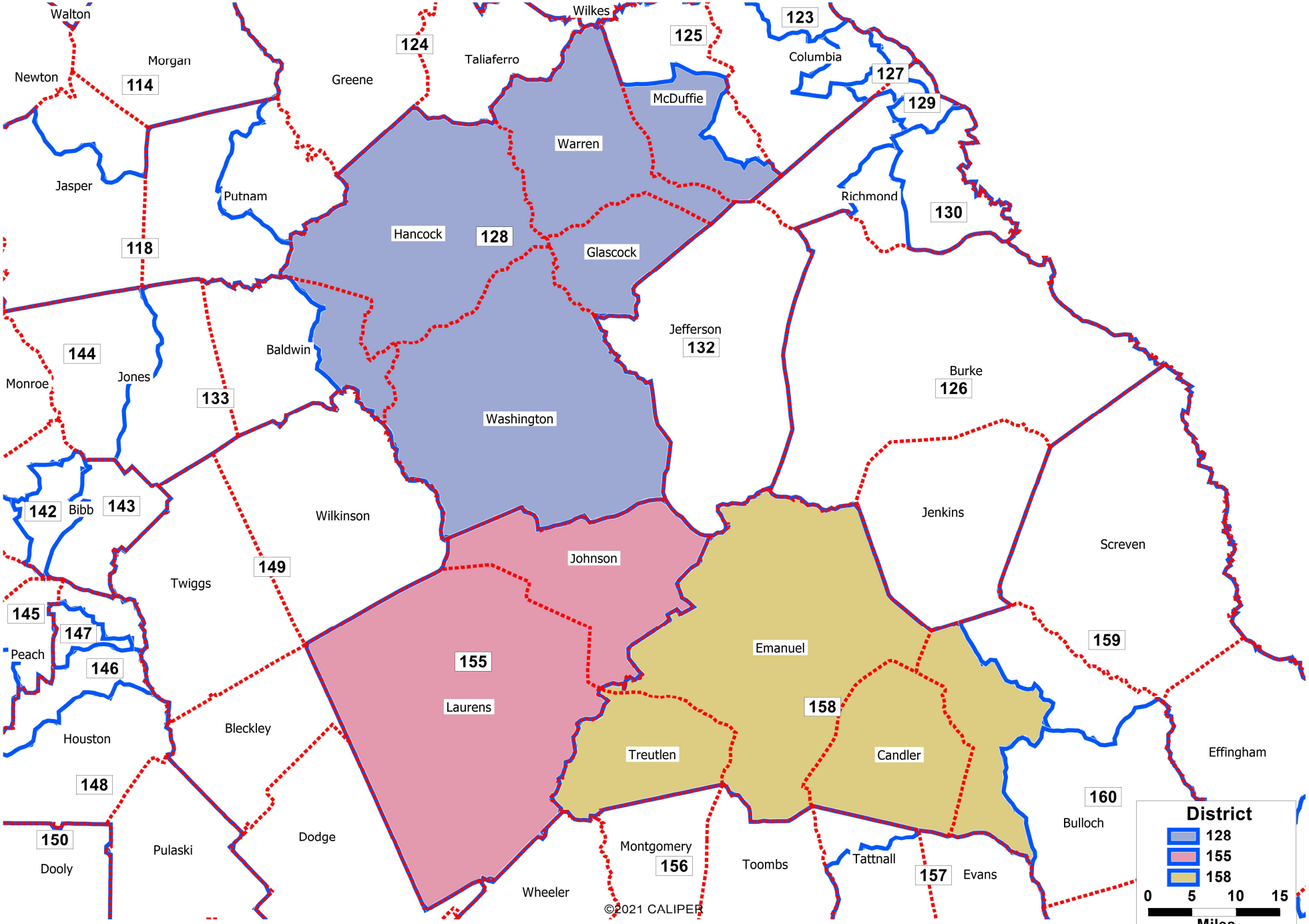


EXHIBIT 34

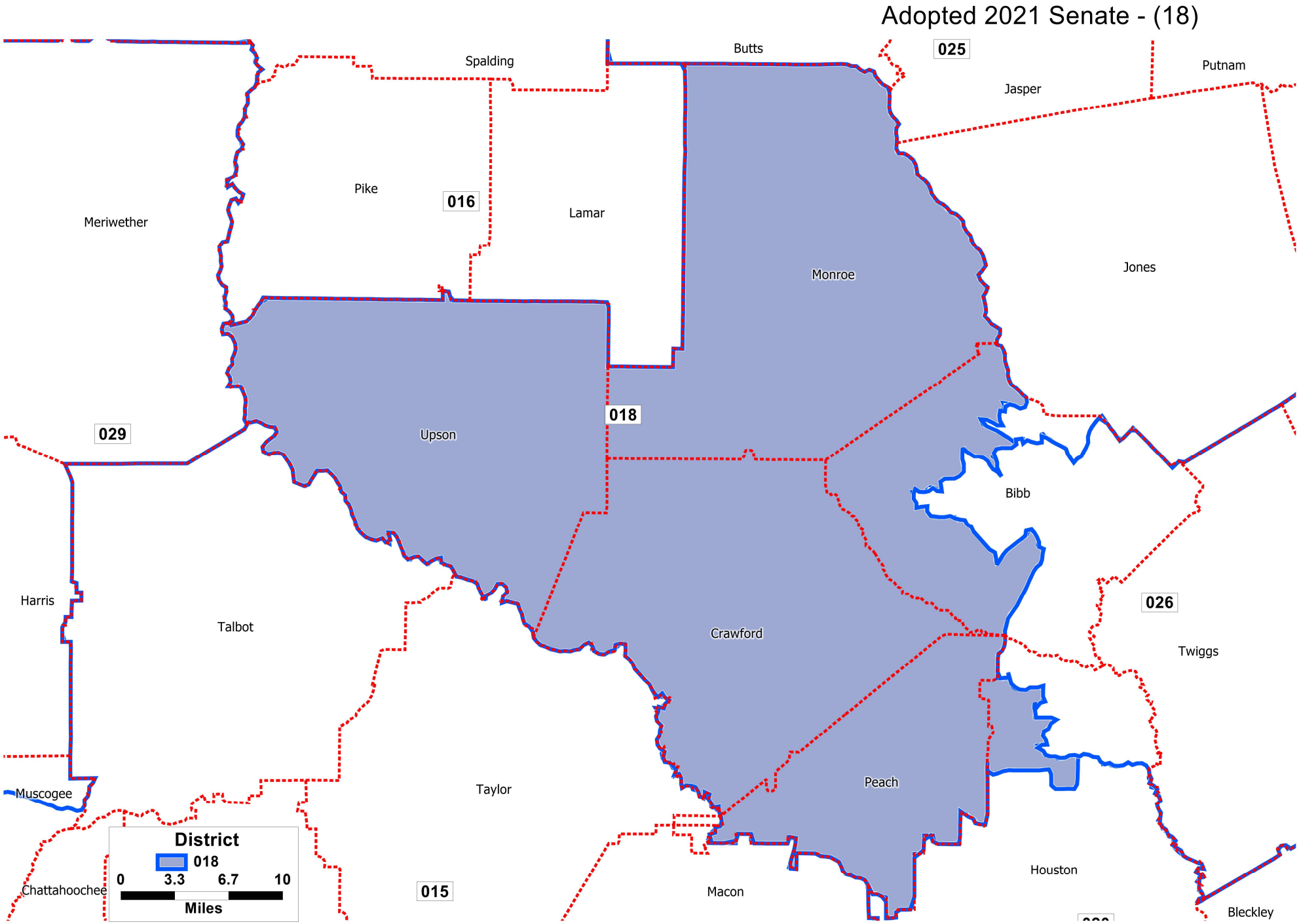

Adopted 2021 Senate - (18)
Butts
025
Spalding
Putnam
Jasper
Pike
016
Meriwether
Lamar
Monroe
Jones
018
029
Upson
Bibb
Harris
Talbot
Crawford
026
Twiggs
Peach
Muscogee
Taylor
District
018
0
3.3
6.7
10
Miles
Chattahoochee
015
Macon
Houston
Bleckley

EXHIBIT 35

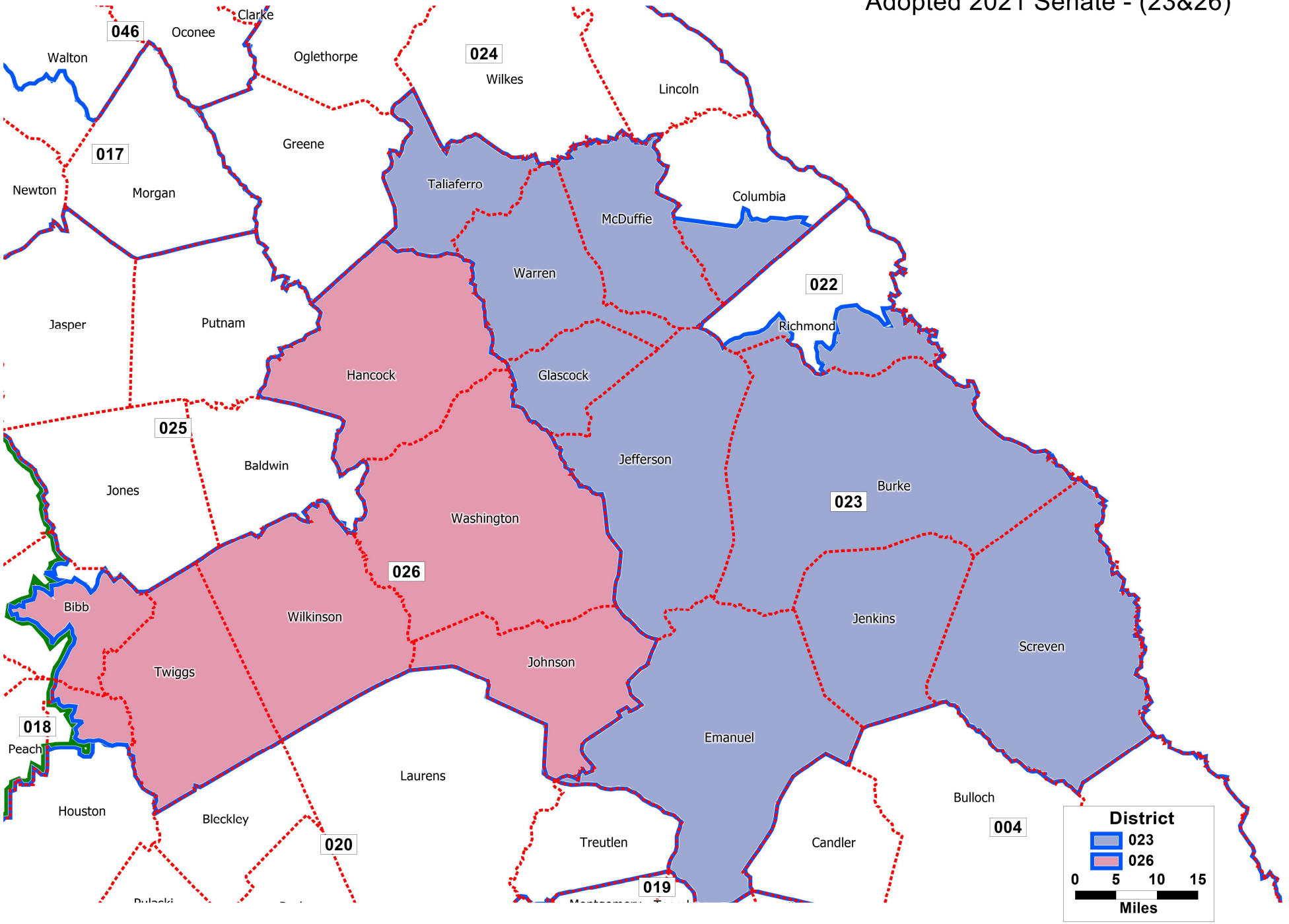

Adopted 2021 Senate - (23&26)
046
Clarke
Oconee
Walton
Oglethorpe
024
Wilkes
Lincoln
017
Greene
Newton
Morgan
Taliaferro
Columbia
McDuffie
Warren
022
Jasper
Putnam
Richmond
Hancock
Glascock
025
Jefferson
Baldwin
Jones
Burke
023
Washington
026
Bibb
Wilkinson
Jenkins
Screven
Twiggs
Johnson
018
Peach
Emanuel
Laurens
Houston
Bleckley
Bulloch
004
020
Treutlen
Candler
019
District
023
026
0 5 10 15
Miles

EXHIBIT 36

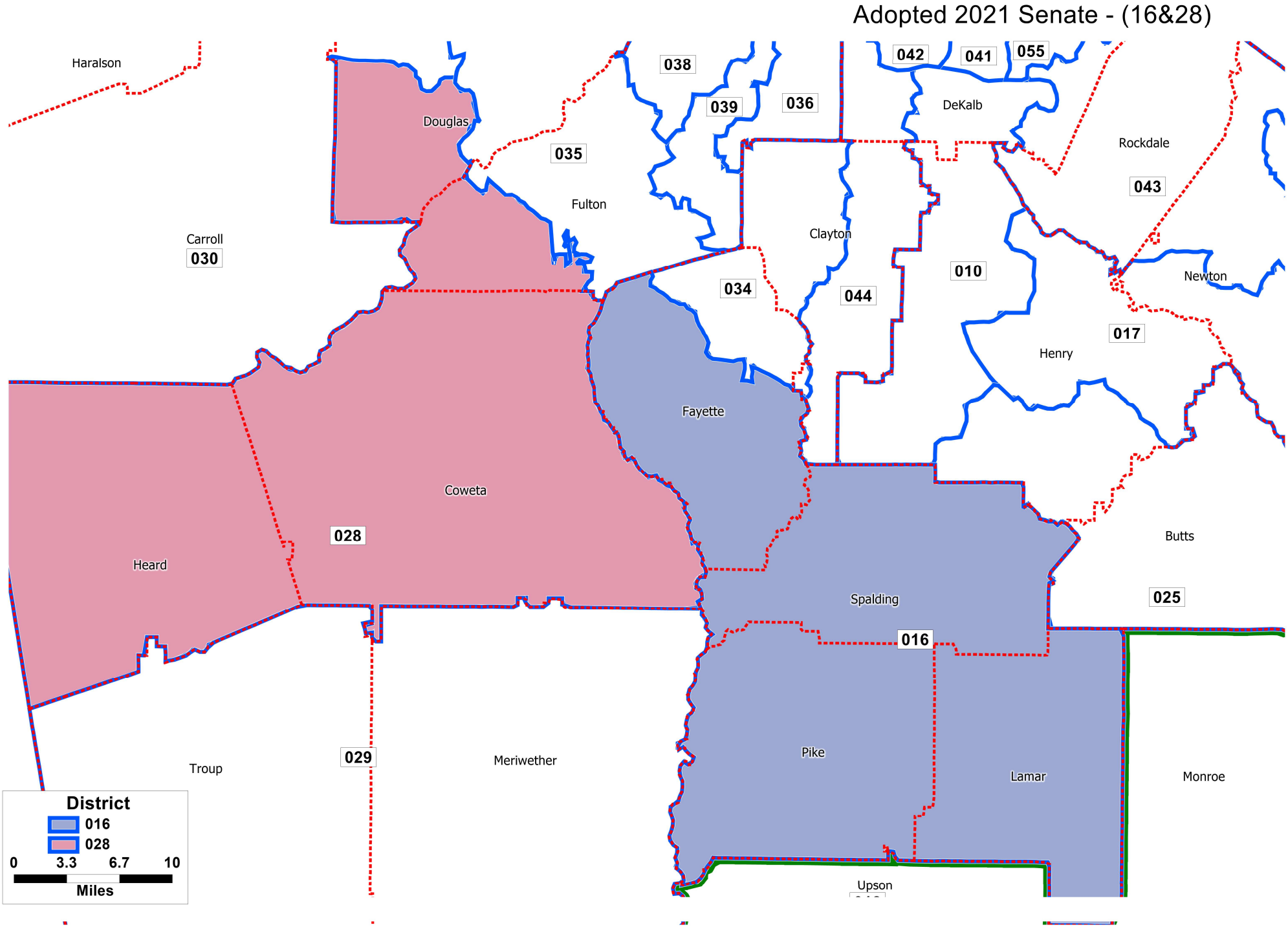
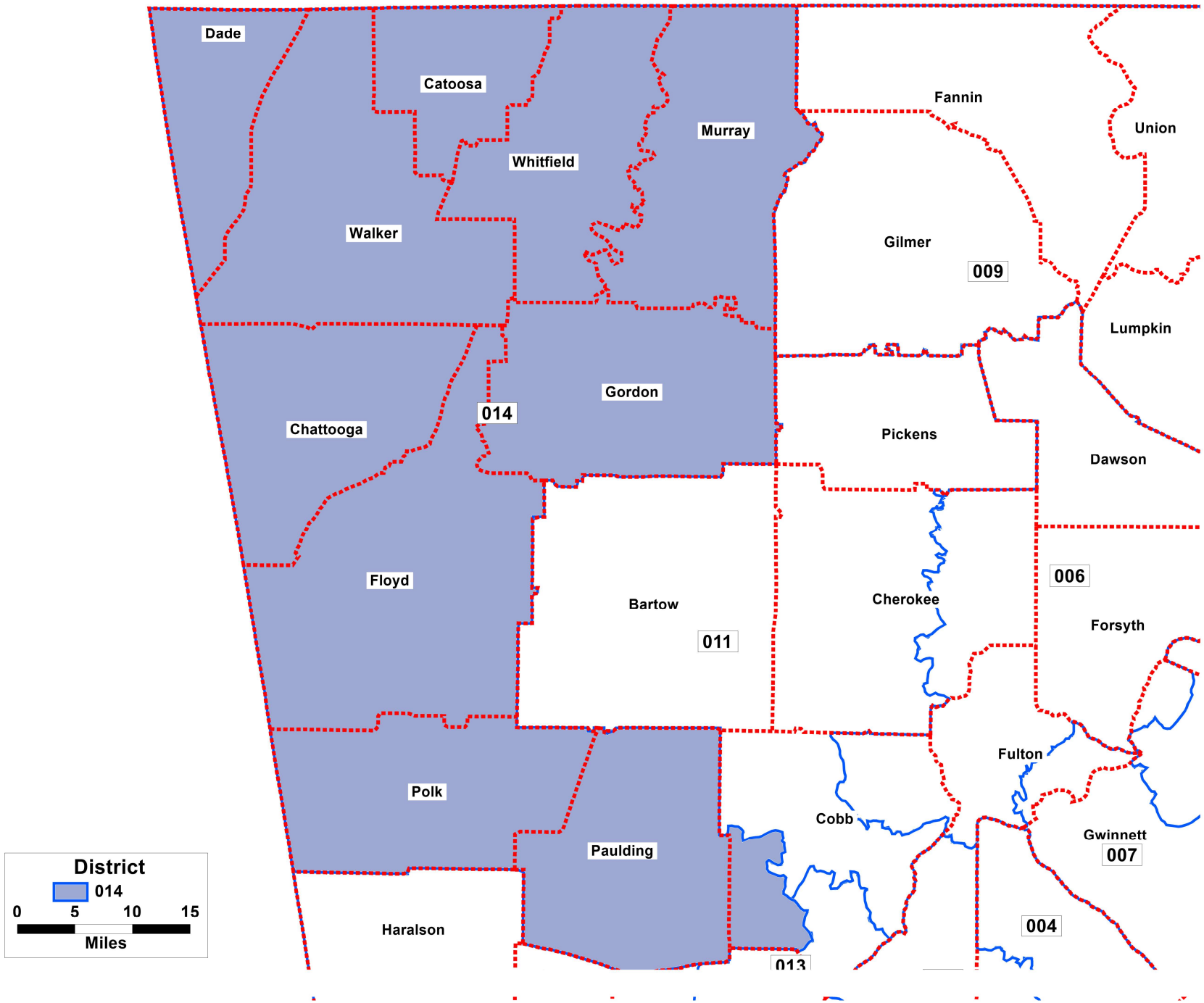

Adopted 2021 Senate - (16&28)
Haralson
Douglas
038
039
036
042
041
055
DeKalb
Rockdale
035
043
Fulton
Carroll
030
Clayton
034
044
010
Newton
017
Henry
Fayette
Coweta
028
Heard
Butts
025
Spalding
016
Pike
Lamar
Monroe
029
Troup
Meriwether
Upson
District
016
028
0 3.3 6.7 10
Miles

EXHIBIT 37

Adopted 2021 Congress - 14