

**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

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COAKLEY PENDERGRASS, et al.,

Plaintiffs,

v.

BRAD RAFFENSPERGER, et al.,

Defendants.

CIVIL ACTION

FILE NO. 1:21-CV-05339-SCJ

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ANNIE LOIS GRANT, et al.,

Plaintiffs,

v.

BRAD RAFFENSPERGER, et al.,

Defendants.

CIVIL ACTION

FILE NO. 1:22-CV-00122-SCJ

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**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.

<b>Number</b>	<b>Exhibit</b>	<b>Submitted?</b>
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





Secretary of State Elections Division

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# re·dis·trict (ri'dis trikt)

*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.

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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

**'mānt(ə)nəns, 'māntn-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

## The Steps

- 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](http://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/ElectionNet/](http://www.gvrs.sos.state.ga.us/ElectionNet/)

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.

## The Steps

## Sample view of a Street List report.

000003475 [Read-Only] - Microsoft Excel

File

Home

Insert

Page Layout

Formulas

Data

Review

View

DVMO Label

Cut

Copy

Format Painter

SansSerif

9

A

A

B

I

U

Color

Font

Align

Wrap Text

General

Conditional Formatting

Format as Table

Normal

Bad

Good

Neutral

Calculation

Check Cell

Explanatory...

Input

Linked Cell

Note

Insert

Delete

Format

AutoSum

Fill

Clear

Sort & Find & Filter

Select

Clipboard

Font

Alignment

Number

Styles

Cells

Editing

A1	STREET NAME																																	
STREET NAME	STUFF	ZIP CODE	FROM NUMBER	TO NUMBER	ODD/EVEN	BLDG FROM	BLDG TO	CHTY PREC	MUNI PREC	RECORD ID	LAND DIST	LAND LOT	DIST	COMBO	CONG	JUD	HSE	SEN	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	
1	ABBINGTON WAY		50523	101	500	A		01					00024	009	028	010	050																	
2	ACCESS RD		50510	101	500	A		05					00024	009	028	010	050																	
3	ACORN		50523	101	500	A		01					00024	009	028	010	050																	
4	ACORN ST		50531	101	180	A		02	CO				00029	009	028	010	050																	
5	ADAMS DR		50535	101	288	A		03					00024	009	028	010	050																	
6	ADAMS ST		50523	101	199	A		01	CL				00025	009	028	010	050																	
7	ADDIESTA HILL DR		50523	101	600	A		12					00024	009	028	010	050																	
8	ADAMS RD		50523	101	599	A		13					00024	009	028	010	050																	
9	AIRPORT RD		50511	101	457	A		09	BA				00040	009	028	010	050																	
10	AIRPORT RD		50531	458	1199	A		09	BA				00040	009	028	010	050																	
11	ALABAMA		50535	101	512	A		03	DE				00035	009	028	010	050																	
12	ALDER ST		50535	101	530	A		03	DE				00035	009	028	010	050																	
13	ALEC MOUNTAIN RD		50523	101	5701	O		01					00024	009	028	010	050																	
14	ALEC MOUNTAIN RD		50523	102	5112	E		01					00024	009	028	010	050																	
15	ALEC MOUNTAIN RD		50523	5114	5262	E		14					00024	009	028	010	050																	
16	ALEC MOUNTAIN RD		50523	5701	5261	O		14					00024	009	028	010	050																	
17	ALFRED TAYLOR DR		50535	101	1086	A		08					00024	009	028	010	050																	
18	ALLEN DR		50523	101	562	A		01	CL				00025	009	028	010	050																	
19	ALLEN		50523	101	500	A		01	CL				00025	009	028	010	050																	
20	RUSSELL DR		50523	101	288	A		12					00024	009	028	010	050																	
21	TRAIL DR		50523	101	599	A		01					00024	009	028	010	050																	
22	ALLEYS CHAPEL RD		50510	101	884	A		05					00024	009	028	010	050																	
23	ALONZO ALPINE		50531	175	175	A		09					00024	009	028	010	050																	
24	COURT CIR		50531	176	746	A		09	CO				00031	009	028	010	050																	
25	COURT CIR		50531	101	600	A		09					00024	009	028	010	050																	
26	ALPINE RD		50531	101	600	A		09					00024	009	028	010	050																	
27	ALSTON CIR		50531	101	800	A		09	CO				00030	009	028	010	050																	

Ready | streetlisthystreet | 100%

## The Steps

- 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**

Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Quick Links

Activities  
Inquiries  
Reports  
Report Status  
Redistricting Reports  
System

Reports > Internal Only Reports > Voter > Voters List

**Voters List**

County Precinct: ☒ Precincts / Districts / Combo #: 12  
Municipal Precinct: ☐ 13  
Combo #: 88888  
Districts: ☐ 99999

Voter Status: ☐ Active  
Cancelled  
Inactive  
Pending

Race: American Indian or Alaskan Native  
Asian or Pacific Islander  
Black not of Hispanic Origin

Gender: ☐

**Last Name Range**

Name Range: From: To:  
Age Range: From: To:  
Reg Start Date:   
Reg End Date:

Suppress DOB: ☐  
Display Date Last Voted: ☐  
Display Last Voted Party: ☐  
UOCAVA Voters Only: ☐  
MIDR Voters Only: ☐  
Include VoteSafe Voters (Not for Public Use): ☐

**Sort Order Options**

Sort By: ☒ Voter Name ☐ Voter Street ☐ Precinct/District

Submit Request Reset

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.

## The Steps

## Sample View of the 99999 report.

COUNTY NAME																													
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	
COUNTY NAME	NAME	RESIDENCE ADDRESS	MAILING ADDRESS	VOTER REGISTRATIONS	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	VRD	WTR	SCM	SBD	ID Required			
1	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		
2	HABERSHA	BILLINGSLEY, ELLIOTT	358 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		
3	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		
4	HABERSHA	BUDD, ADONICA LYNN	308 CRYSTAL HILLS CLARKESVILLE 30523	00658333	10/29/1963	White not of Hispanic Origin	Female	99999		00000	ACTIVE			04/01/2011		99999	99999	99999	99999	99999							NO		
5	HABERSHA	DANTZLER, VERNITA LESHUN	MISSING ADDRESS 99999	PO BOX 451 CORNELIA	03672306	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		
6	HABERSHA	DYER, JUDY ANN	MISSING ADDRESS 99999	PO BOX 1692 CLARKESVILLE	10016527	White not of Hispanic Origin	Female	99999		00000	ACTIVE			03/25/2013		99999	99999	99999	99999	99999							YES		
7	HABERSHA	EDWARDS, JAMES R	MISSING ADDRESS 99999	PO BOX 86 CORNELIA	00661655	White not of Hispanic Origin	Male	99999		00000	ACTIVE			06/26/2012		99999	99999	99999	99999	99999							NO		
8	HABERSHA	FRADY, MARK C	1 RR 4 BOX 439 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		
9	HABERSHA	FRED, 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		
10	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		
11	HABERSHA	GANNON, CHRISTINE MICHELLE	1 RR 2 MOUNT AIRY 30563 - 9902		03961971	03/12/1967	White not of Hispanic Origin	Female	99999		00000	INACTIVE	RETURNED MAIL	10/05/1996		99999	99999	99999	99999	99999							NO		
12	HABERSHA	GOLDSMITH, RUSSELL CHARLES	309 BLUEBERRY 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		
13	HABERSHA	GOSS, TAMMY R	1 R4 BOX 4654 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		
14	Voter List Report																												

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**.

**Georgia Voter Registration System**  
Secretary of State Brian P. Kemp

Quick Links: Dashboard, My Homepage, Activities, Inquiries, Reports, System

Logout as County Search Last Name Voter Registration #

**Inquiry > Voter Registration**

**Inquiry - View Voter Registration**

Voter Information Previous Name & Address Voter Participation History Audit History View Corres. Reg./Canc. History

**Voter Information**

Voter Name: ADAM SEBASTIAN SMITH  
Date of Birth: 08/04/1980  
Race: WHITE NOT OF HISPANIC ORIGIN  
Gender: MALE  
Voter Registration #: 05086931  
Registration Date: 05/15/2013  
Current Status: ACTIVE  
Status Reason:  
Voter Phone:  
E-mail:  
DL #/State ID: 047834669  
Site ID / Location: 01 - DDS  
SSN (Full OR Last 4 Digits): 259614722  
ID Required: NO  
US Citizen: YES  
Challenged Elector: NO

**Residence Address**

Street No.: 160  
Street Name: WYNDAGE CT  
Suffix:  
Apt/Unit:  
Address Line 2:  
Municipality: CORNELIA  
County: HABERSHAM  
Zip Code: 30531  
State: GA  
Change/Audit Date: 10/02/2013  
Date of Last Contact: 06/15/2013  
Date of Last Status Change: 03/04/2008

**Voting Districts**

Congressional: 009  
Senate: 050  
House: 010  
Judicial: 028

**County Districts**

Commission: LRG  
School: LRG

**Municipal Districts**

County Precinct: 02  
Municipal Precinct:  
Voting Area/Combo #: 00024

**County Polling Place:** CORNELIA DEPOT  
102 CLARKESVILLE ST  
CORNELIA, GA 30531 - 0000

**Municipal Polling Place:**

Vote Safe: Display Actual Address Display Signature

**Mailing Address**

Street No.:  
Suffix:  
Street Name / PO Box:  
Address Line 2:  
Apt/Unit:  
Mailing City:  
Mailing State:  
Zip Code:

User Name Date/Time Memo

Previous

https://gvr.sos.state.ga.us/Election/reminders/getAllReminders.do Copyright © 2012 PCC Technology Group. All Rights Reserved.

## Step Two— beginning the process

## The Steps

- 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

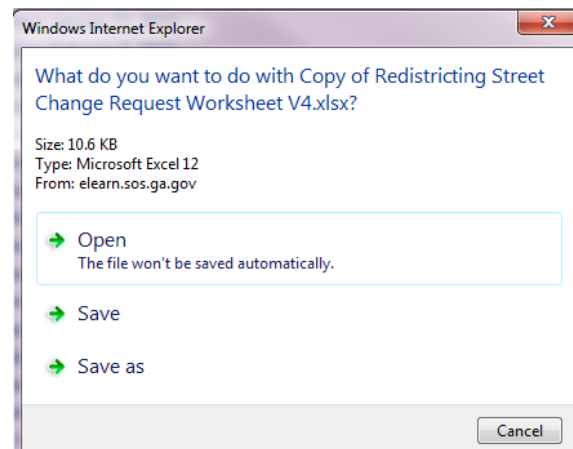
## The Steps

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.



**SYSTEM RELEASE NOTES FOR ELECTIONET** - Release notes are documents that are distributed with software products. These supplementary document reflecting when a bug is fixed or an enhancement is made to the product.

- Release Notes January 10, 2013
- Release Notes for January 17, 2013
- Updated Release Notes January 25, 2013
- Release Notes January 31, 2013
- Release Notes February 7, 2013
- Release Notes February 14, 2013
- Release Notes February 21, 2013
- Release Notes for February 28, 2013
- Release Notes for March 14, 2013
- Release Notes March 28, 2013
- Release Notes April 8, 2013
- Release Notes April 12, 2013-UPDATED
- Release Notes May 21 2013
- Release Notes May 28, 2013
- Release Notes June 21, 2013
- Release Notes June 27, 2013
- Release Notes August 2, 2013
- Release Notes August 9, 2013
- RELEASE NOTES SEPTEMBER 6, 2013
- RELEASE NOTES SEPTEMBER 24, 2013
- Street Change Request
- Sample Street Change Request
- Request Street Change Changes
- Redistricting Worksheet**
- Credit for Voting for Old Elections
- ENET DDS Removal
- Roles with Privileges in Electionet



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.

### 1 RECOMMENDED EQUIPMENT SPECIFICATIONS FOR THE NEW SYSTEM

Client System Specifications for the New Voter Registration System



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.**

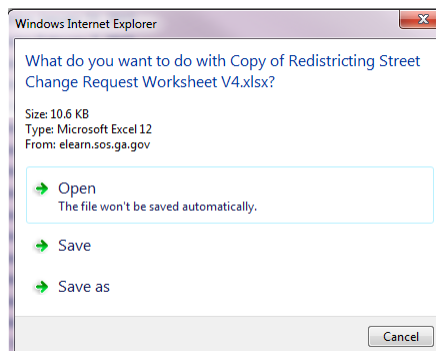


SYSTEM RELEASE NOTES FOR ELECTIONET - Release notes are documents that are distributed with software products. These supplementary document reflecting when a bug is fixed or an enhancement is made to the product.

- Release Notes January 10, 2013
- Release Notes for January 17, 2013
- Updated Release Notes January 25, 2013
- Release Notes January 31, 2013
- Release Notes February 7, 2013
- Release Notes February 14, 2013
- Release Notes February 21, 2013
- Release Notes for February 28, 2013
- Release Notes for March 14, 2013
- Release Notes March 28, 2013
- Release Notes April 8, 2013
- Release Notes April 12, 2013-UPDATED
- Release Notes May 21, 2013
- Release Notes May 28, 2013
- Release Notes June 21, 2013
- Release Notes June 27, 2013
- Release Notes August 2, 2013
- Release Notes August 9, 2013

**RELEASE NOTES SEPTEMBER 6, 2013**  
**RELEASE NOTES SEPTEMBER 24, 2013**  
**Street Change Request**

- Sample Street Change Request
- Request Street Range Changes
- Redistricting Worksheet
- Credit for Voting for Old Elections
- ENET DDS Removal
- Roles with Privileges in Electionet



**Step four– submitting your completed**

**spreadsheet for review**

CURRENT																			
Street	Side	Low Range	High Range	Building Low #	Building High #	Lead Direction	Lead Loc	Municipality	ZIP Code	Cowley Precinct	Municipality Area / Combo	CONG	SENATE	HOUSE	JUDICIAL	FIRE	COMM	SCHOOL	WING
Man St. All		500	1000					Atlanta	30303 1A			100	4	32	129	4	2	2	
Below is an example of a single street segment change where the house number range was modified and combo number changed which is caused by the House number changing. Changes are in yellow.																			
10	Park Rd. Even	2	500					Cowley	30010 OLDE			200	6	11	77	2	1	1	
11	Park Rd. Odd	1	499					Cowley	30010 OLDE			202	6	11	81	2	2	2	
12	Park Rd. Even	500	1000					Cowley	30010 OLDE			203	6	11	77	2	3	3	
13	Park Rd. Odd	501	999					Cowley	30010 OLDE			204	6	11	81	2	4	4	
Below is an example of four different street segments that are being consolidated into one with the combo and district values of the first street segment.																			
14																			
15																			
16																			
17																			
18	Hull Ln. All	1	1000					Macon	30075 ABC1			200	11	21	142	7	1	1	
Below is an example of a single street segment that is being split up into 3 new street segments because of district line changes.																			
19																			
20																			
21																			

NEW																			
SUPER BOARD	Street	Side	Low Range	High Range	Building Low #	Building High #	Lead Direction	Lead Loc	Municipality	ZIP Code	Cowley Precinct	Municipality Area / Combo	CONG	SENATE	HOUSE	JUDICIAL	FIRE	COMM	SCHOOL
	Man St. All		500	1000					Atlanta	30303 1A			100	4	32	129	4	2	2
	Park Rd. All		1	1000					Cowley	30010 OLDE			200	6	11	77	2	1	1
	Hull Ln. Even		2	500					Macon	30075 ABC1			200	11	21	142	7	2	2
	Hull Ln. Odd		1	499					Macon	30075 ABC1			202	11	21	142	7	3	3
	Hull Ln. All		501	1000					Macon	30075 ABC1			200	11	21	142	7	1	1

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

# 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 from the other rows (be it bold, underline, italics, etc.). You also cannot have

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

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.

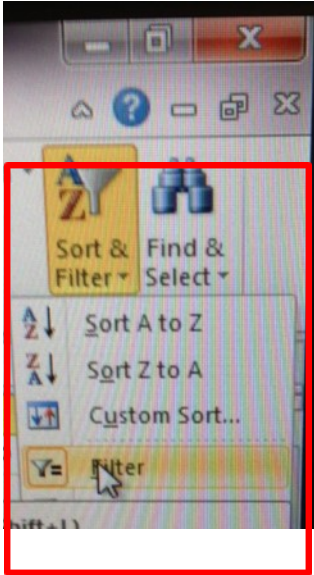
The screenshot shows the Microsoft Excel interface. The **Home** tab is selected on the ribbon. A red box labeled **RIBBON** points to the Home tab. Another red box labeled **HEADING TAB** points to the **MUNI CODE** column header in the data table. A third red box labeled **EDITING GROUP** points to the **Sort & Filter** group in the Home tab ribbon.

	A	B	C	D	E	F	G	H	I	J	K	L
	MUNI NAME	MUNI CODE	COUNTY	ELIGIBILITY CUTOFF DATE	ELECTION DATE	REGISTRATION NUMBER	VOTER NAME	DISTRICT COMBO NUMBER	DATE OF BIRTH	RESIDENTIAL ADDRESS	RESIDENTIAL CITY/ZIP	MAILING ADDRESS
2	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	123456789	TERRY SURFACE	21	12/30/1960	7802 LEDGER DRIVE	LEWISBURG 30789	
3	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	923456780	DOUG SURFACE	21	12/31/1956	7802 LEDGER DRIVE	LEWISBURG 30789	
4	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	239054179	KAREN NEWTON	24	4/16/1972	9012 ST DENNIS AVENUE	LEWISBURG 30789	
5	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	902450912	SUSAN JONES	23	5/15/1963	1401 MORAY COURT	LEWISBURG 30789	
6	SHIVELY	5	JEFFERSON	10/7/2013	11/5/2013	902030491	RONALD LUTZ	23	6/23/1947	2207 THISTLEDOWN	LEWISBURG 30789	PO BOX 912

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 ADDRESS
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 THISTLEDOWN	LEWISBURG 30789	PO BOX 912
IRISON	24	12/5/1936	6466 BEVIN DRIVE NORTH	LEWISBURG 30789	
IRISON	24	2/14/1942	6466 BEVIN DRIVE NORTH	LEWISBURG 30789	
	21	9/10/1962	2117 AUBURN DRIVE	LEWISBURG 30789	

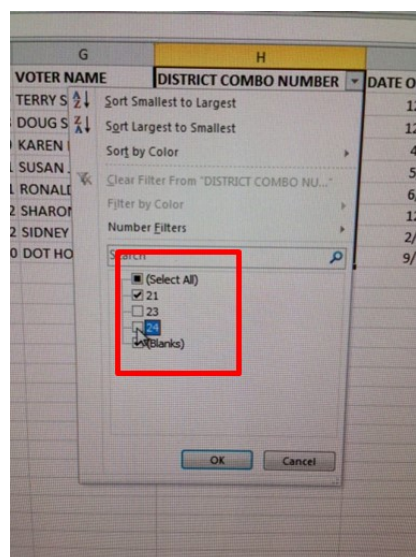
- You will notice little tiny arrows to the right of your column header of the cell you selected.

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.



Excel

	A	B	C	D	E	F	G	H	I
	MUNI NAME	MUNI CODE	COUNTY	ELIGIBILITY CUTOFF DATE	ELECTION DATE	REGISTRATION NUMBER	VOTER NAME	DISTRICT COMBO NUMBER	DATE
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	I
	MUNI NAME	MUNI CODE	COUNTY	ELIGIBILITY CUTOFF DATE	ELECTION DATE	REGISTRATION NUMBER	VOTER NAME	DISTRICT COMBO NUMBER	DATE
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 **Print** and select number of copies, printer, etc.

Information about DISTRICT COMBO NUMBER 21 VOTERS  
C:\Users\walters\Documents\DISTRICT COMBO NUMBER 21 VOTERS.xlsx

Permissions  
Anyone can open, copy, and change any part of this workbook.

Protect Workbook

Prepare for Sharing  
Before sharing this file, be aware that it contains:  
 Document properties, printer path and author's name  
 Hidden rows  
 Content that people with disabilities find difficult to read

Check for Issues

Versions  
There are no previous versions of this file.

Manage Versions

Properties

Size 13.3KB  
 Title Add a title  
 Tags Add a tag  
 Categories Add a category

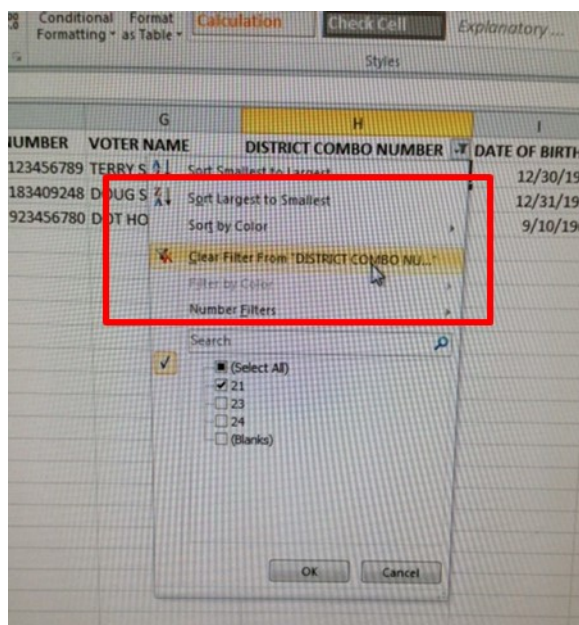
Related Dates  
 Last Modified Today, 10:56 AM  
 Created Today, 8:42 AM  
 Last Printed Never

Related People  
 Author Walters, Julie  
 Add an author  
 Last Modified By Walters, Julie

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 own 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?*

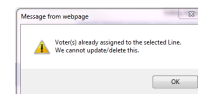
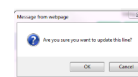
Some street Maintenance in GVRs can be accomplished when you are NOT in the redistricting module. These changes will be immediate, you do not have to wait for the overnight process.

## 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

## Street Maintenance

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

Georgia Voter Registration System  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System

Logout as County Search Last Name Voter ID

Quick Links

Activities > Maintain County Data > Maintain Street

Street Segments

☐ New Street ☒ Existing Street

Street Name: BASS RD

Side: A

Low Range: 63 High Range: 80

Building Low #: Building High #:

Land Districts: Land Lot:

Municipality: In Municipality: Postal City: QUITMAN

ZIP Code: 31643 County Precinct: 659

Municipal Precinct: Voting Area/Combo #: 00001

Add Line Reset

Side	Low Range	High Range	Building Low #	Building High #	Land Districts	Land Lot	Municipality	Postal City	ZIP Code	County Precinct	Municipal Precinct	Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	Actions
A	63	80					QUITMAN	QUITMAN	31643	659		00001	008	008	175	039	2	2	

- 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.

Georgia Voter Registration System  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System

Logout as County Search Last Name Voter ID

Quick Links

Activities > Maintain County Data > Maintain Street

Street Segments

☐ New Street ☒ Existing Street

Street Name: BASS RD

Side: ALL

Low Range: 63 High Range: 85

Building Low #: Building High #:

Land Districts: Land Lot:

Municipality: In Municipality: Postal City: QUITMAN

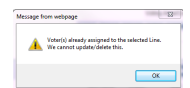
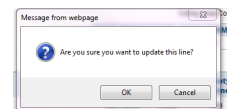
ZIP Code: 31643 County Precinct: 659

Municipal Precinct: Voting Area/Combo #: 00001

Update Reset

Side	Low Range	High Range	Building Low #	Building High #	Land Districts	Land Lot	Municipality	Postal City	ZIP Code	County Precinct	Municipal Precinct	Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	Actions
A	63	80					QUITMAN	QUITMAN	31643	659		00001	008	008	175	039	2	2	

- 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.



# Street Maintenance

## To Delete Streets

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

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

Georgia Voter Registration System  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
Redistricting Reports  
System

Activities > Maintain County Data > Maintain Street

Street Segments

☐ New Street ☒ Existing Street

Street Name: GAULDEN CIR

Side: [Dropdown]

Low Range: [Input] High Range: [Input]

Building Low #: [Input] Building High #: [Input]

Land Districts: [Input] Land Lot: [Input]


Municipality: [Dropdown] In Municipality: ☐ Postal City: [Dropdown]

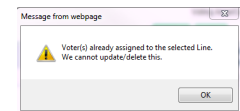
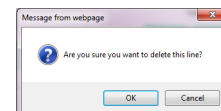
Zip Code: [Input] County Precinct: [Dropdown]

Municipal Precinct: [Dropdown] Voting Area/Combo #: [Dropdown]

Add Line Reset

Side	Low Range	High Range	Building Low #	Building High #	Land Districts	Land Lot	Municipality	Postal City	ZIP Code	County Precinct	Municipal Precinct	Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	Actions
A	30	234					QUITMAN		31543	660		00002	008	008	175	039	1	1	[Trash Icon]

- 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.



# Street Maintenance

## 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

# Street Maintenance

## Maintaining Business Addresses

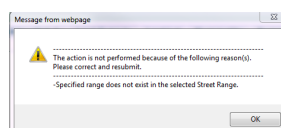
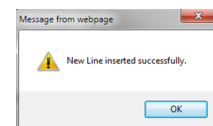
Business Addresses may be created to designate specific street ranges as being used for commercial purposes only. This prohibits those street numbers from being used as residential addresses when processing voter registrations.

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.




# Street Maintenance

## To Edit Business Address

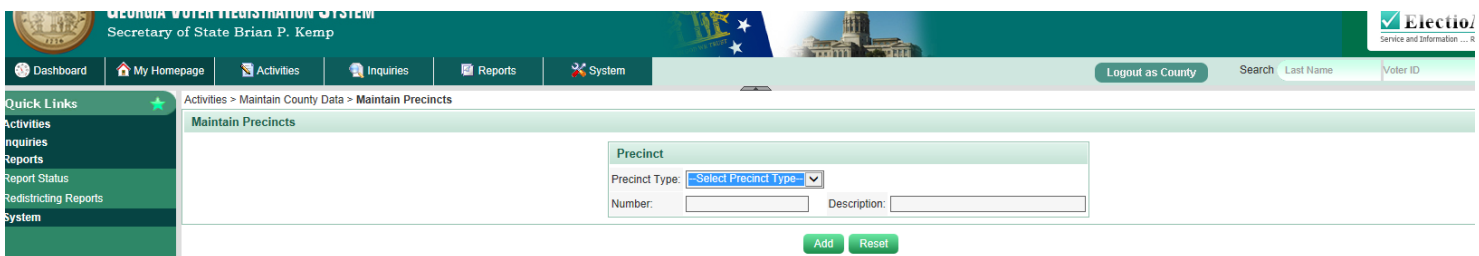
- Select the street name through the **Street Name** drop down list.
- Select a line to modify by clicking on the  icon which displays the selected information in the Edit mode.
- Make any necessary changes and click the Update button.
- The information is updated and displayed in the grid.

## To Delete Business Addresses

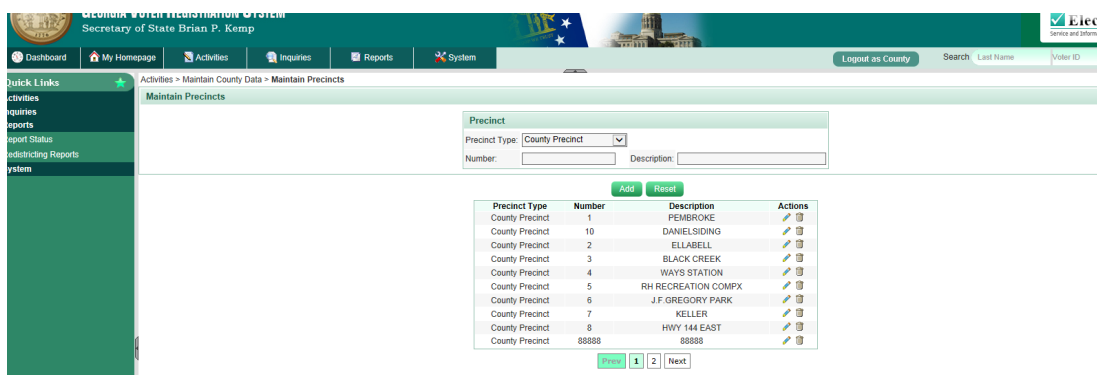
- Select a line to delete by clicking on the  icon on the respective line.
- The system will display a confirmation message to delete the information.
- Click OK.
- On confirmation, a message will display - street segment deleted successfully.





















# 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.



Precinct Type	Number	Description	Actions
County Precinct	1	PEMBROKE	 
County Precinct	10	DANIELSIDING	 
County Precinct	2	ELLABELL	 
County Precinct	3	BLACK CREEK	 
County Precinct	4	WAYS STATION	 
County Precinct	5	RH RECREATION COMPLEX	 
County Precinct	6	J.F. GREGORY PARK	 
County Precinct	7	KELLER	 
County Precinct	8	HWY 144 EAST	 
County Precinct	88888	88888	 



# Street Maintenance

## 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.

**GEORGIA VOTER REGISTRATION SYSTEM**  
Secretary of State Brian P. Kemp

Dashboard | My Homepage | Activities | Inquiries | Reports | System | Logout as County | Search: Last Name | Voter ID

Activities > Maintain County Data > Maintain Precincts

**Maintain Precincts**

Precinct Type: County Precinct  
Number:  Description:

**Add** **Reset**

Precinct Type	Number	Description	Actions
County Precinct	1	PEMBROKE	
County Precinct	10	DANIELSIDING	
County Precinct	2	ELLABELL	
County Precinct	3	BLACK CREEK	
County Precinct	4	WAYS STATION	
County Precinct	5	RH RECREATION COMPX	
County Precinct	6	J.F.GREGORY PARK	
County Precinct	7	KELLER	
County Precinct	8	HWY 144 EAST	
County Precinct	8888	8888	

**Print** **1** **2** **Next**

- 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**.

GEORGIA VOTER REGISTRATION SYSTEM  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System

Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
System  
Login as County

Inquiries > Redistricting Search  
Inquiry - Redistricting Voter Search

County:

Voter Identifiers:

Voter Registration #:  DL # / State ID:

Last Name:  First Name:  Date of Birth:  SSN (Full OR Last 4 Digits):

Search Reset

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

GEORGIA VOTER REGISTRATION SYSTEM  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System

Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
System  
Login as County

Inquiries > Redistricting Street Information  
Inquiry - Redistricting Street Information

Select County:  Search Street Name:  Search

Want to suspend the redistricting process and do some maintenance?

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

GEORGIA VOTER REGISTRATION SYSTEM  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System

Welcome! JWALTERS / O'CONNOR | Logout

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
System

Activities > Redistricting > Maintain Voting Districts  
Redistricting

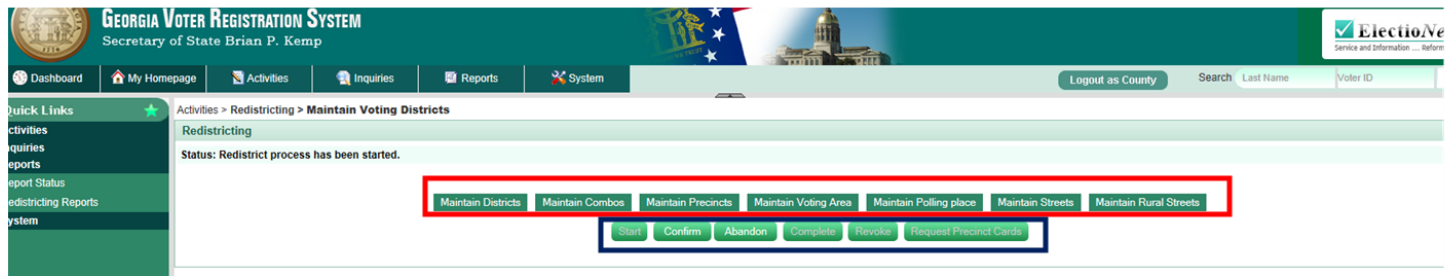
Status: To begin Redistricting process, press Start button.

Maintain Districts Maintain Combos Maintain Precincts Maintain Voting Area Maintain Polling place Maintain Streets Maintain Rural Streets

Start Confirm Abandon Complete Revoke Request Precinct Cards

**Revoke Button**— By clicking the Revoke button you unlock the system so you can do more maintenance. You are not losing 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 losing 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.****HELPFUL TIPS****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

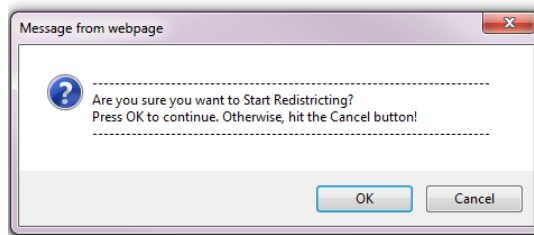
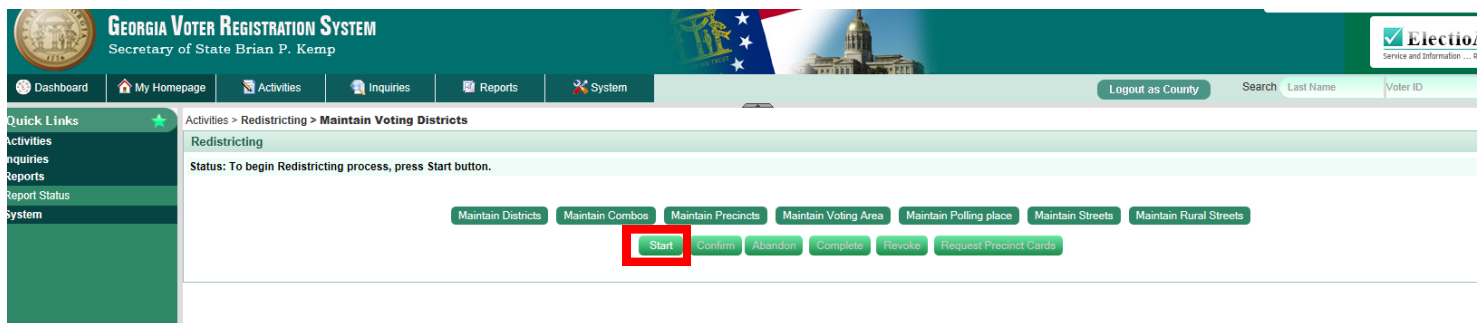
## Redistricting



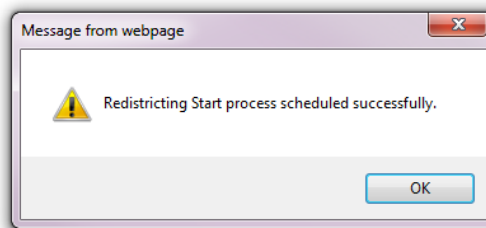
Makes as many of your changes as possible before you begin work in the Redistricting Module, because, it is like a 4 day/3 night cruise. You will be away from “home” that long. After your liaison at the state has reviewed your spreadsheet and say okay, you are ready to begin your redistricting.

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**

## Redistricting

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

The screenshot shows the Georgia Voter Registration System interface. The top navigation bar includes 'Dashboard', 'My Homepage', 'Activities', 'Inquiries', 'Reports', and 'System'. The 'Activities' tab is selected, and the sub-tab 'Redistricting' is active. The main content area displays 'Status: To begin Redistricting process, press Start button.' Below this, there are several buttons: 'Maintain Districts', 'Maintain Combos', 'Maintain Precincts', 'Maintain Voting Area', 'Maintain Polling place', 'Maintain Streets', and 'Maintain Rural Streets'. At the bottom of this section, there are five buttons: 'Start', 'Confirm', 'Abandon', 'Complete', and 'Request Precinct Cards'. The 'Confirm' button is highlighted with a red box.

**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** .

The screenshot shows the Georgia Voter Registration System interface. The top navigation bar is the same as the previous screenshot. The 'Reports' tab is selected, and the sub-tab 'Redistrict Reports' is active. The main content area displays 'Redistrict Reports' with four radio button options: 'Redistrict Matched Voters Report', 'Redistrict Not-Matched Voters Report', 'Redistricting Statistical Report', and 'Summary of the voters per Street Report'. Below these options is the 'Report Generation Options' section, which includes a 'Generation Type' dropdown menu with 'PDF' selected, and 'Excel' and 'CSV' options. At the bottom right of this section are 'Submit Request' and 'Reset' buttons.

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

## Redistricting

- 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.

**Report Submitted Successfully.**

**Report Id: 000027120**

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.

**Georgia Voter Registration System**  
Secretary of State Brian P. Kemp

Dashboard | My Homepage | Activities | Inquiries | Reports | System | Logout as County | Search | Last Name | Voter ID

**Quick Links**  
Activities  
Inquiries  
Reports  
Redistricting Reports  
System

**Reports > Report Status**

Select All	Report ID	Internal/Public Report	County	Report Name	County Precincts	Date/Time Process	Date/Time Created	Report Type	Created By	Status
<input type="checkbox"/>	000026680	INTERNAL	OCONEE	AUDIT DETAIL REPORT		11/01/2013 10:39:05 AM	11/01/2013 10:39:25 AM	PDF	108CAMOS	Viewed
<input type="checkbox"/>	000026679	INTERNAL	OCONEE	AUDIT DETAIL REPORT		11/01/2013 10:38:36 AM	11/01/2013 10:39:00 AM	PDF	108CAMOS	Viewed
<input type="checkbox"/>	000025228	INTERNAL	OCONEE	AUDIT DETAIL REPORT		10/28/2013 3:39:43 PM	10/28/2013 3:40:00 PM	PDF	108CAMOS	Viewed
<input type="checkbox"/>	000025221	INTERNAL	OCONEE	AUDIT DETAIL REPORT		10/28/2013 3:16:00 PM	10/28/2013 3:16:42 PM	XLS	108CAMOS	Viewed
<input type="checkbox"/>	000023608	PUBLIC	OCONEE	ALPHA VOTER LIST	01, 05, 06, 09, 13	10/22/2013 10:30:47 PM	10/22/2013 10:31:08 PM	PDF	108PHAYES	Viewed
<input type="checkbox"/>	000023604	PUBLIC	OCONEE	STREET LIST REPORT	05	10/22/2013 10:30:57 PM	10/22/2013 10:31:20 PM	PDF	108PHAYES	Viewed
<input type="checkbox"/>	000022937	PUBLIC	OCONEE	INDIVIDUAL VOTER		10/18/2013 2:16:35 PM	10/18/2013 2:17:25 PM	PDF	108CAMOS	Viewed
<input type="checkbox"/>	000022117	PUBLIC	OCONEE	INDIVIDUAL VOTER		10/16/2013 2:50:57 PM	10/16/2013 2:51:07 PM	PDF	108CAMOS	Viewed
<input type="checkbox"/>	000022116	PUBLIC	OCONEE	INDIVIDUAL VOTER		10/16/2013 2:49:35 PM	10/16/2013 2:49:38 PM	PDF	108CAMOS	Viewed
<input type="checkbox"/>	000021320	PUBLIC	OCONEE	INDIVIDUAL VOTER		10/14/2013 3:17:23 PM	10/14/2013 3:17:39 PM	PDF	108CAMOS	Viewed

Page 1 of 13 | Print | Go | Delete



## Redistricting

11/07/2013

GEORGIA SECRETARY OF STATE VOTER REGISTRATION SYSTEM  
MASS CHANGE FOR RE-DISTRICT / RE-PRECINCT ( MATCHED )

Generated By: 156PELY  
WILCOX

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, CHRISTOPHER	515 DAISY LN ROCHELLE	Active		31079	4A		00115	4A		00101
10010970	LAMAR PATRICK 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	3523 GORDON RD ROCHELLE	Active		31079 - 5464	4A		00115	4A		00115
00190960	GORDON 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	4065 GORDON RD ABBEVILLE	Active		31001 - 2311	4A		00115	4A		00115
00191723	MCGLAMORY 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

## Redistricting

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

# Redistricting

## Working the reports

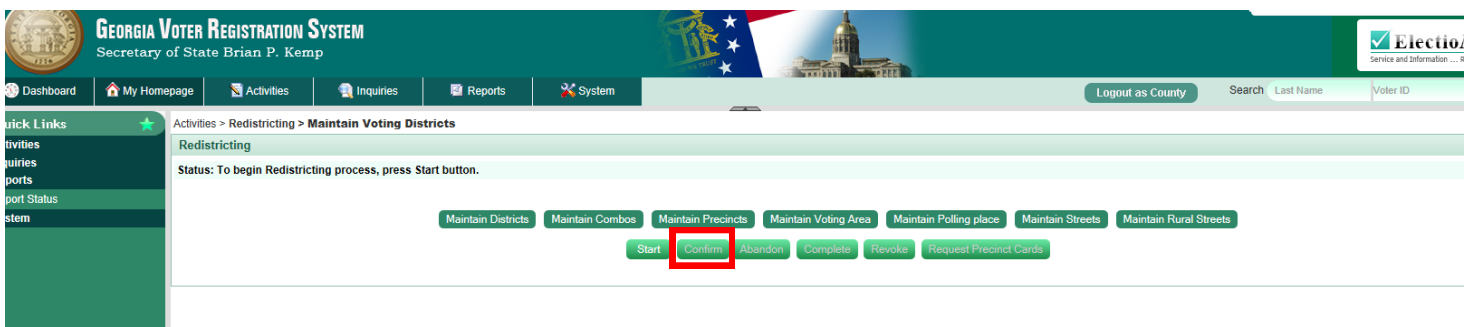
You have correct streets and street segments. These reports show voters who have been assigned to those streets. All of the data you entered and confirmed will be reflected in these reports. You will use these reports to see the non-matched and matched voters. The non-matched voters are the folks who 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.



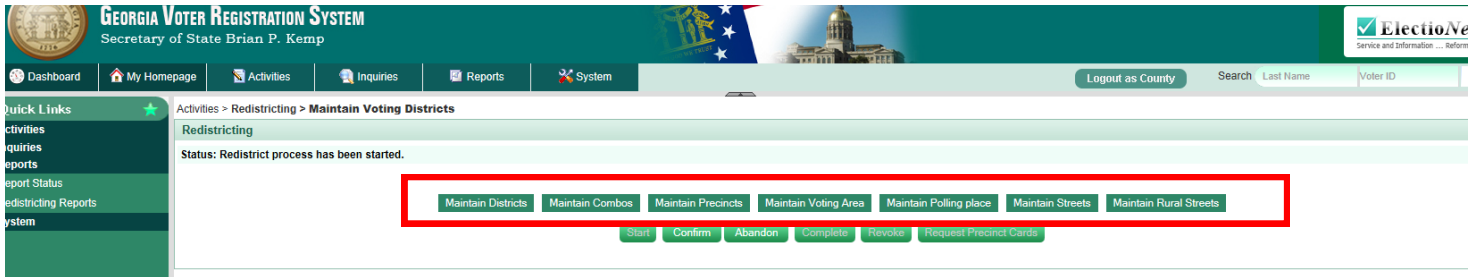
# Redistricting

## 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**

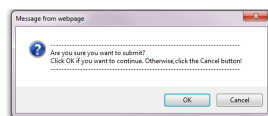
Notice the boxes across the screen that we have a red box around. You will work these boxes left to right.



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.

# Redistricting

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

GEORGIA VOTER REGISTRATION SYSTEM  
Secretary of State Brian P. Kemp

Dashboard | My Homepage | Activities | Inquiries | Reports | System

Logout as County | Search | Last Name | Voter ID

Quick Links: Activities, Inquiries, Reports, Report Status, Redistricting Reports, System

Activities > Redistricting > **Maintain Voting Districts**

Redistricting

Status: Redistrict process has been started.

Maintain Districts | **Maintain Combos** | Maintain Precincts | Maintain Voting Area | Maintain Polling place | Maintain Streets | Maintain Rural Streets

Cancel | Confirm | Abandon | Complete | Revoke | Request Precinct Cards

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

GEORGIA VOTER REGISTRATION SYSTEM  
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Dashboard | My Homepage | Activities | Inquiries | Reports | System

Logout as County | Search | Last Name | Voter ID

Quick Links: Activities, Inquiries, Reports, Report Status, Redistricting Reports, System

Activities > Redistricting > **Add/Change Combo Numbers**

Add/Change Combo Numbers

**Statewide Districts**  
CONGRESSIONAL (CONG): [ ] SENATE (SENAT): [ ] HOUSE (HOUSE): [ ] JUDICIAL (JUDIC): [ ]

**Countywide Districts**  
COMMISSION (COMMI): [ ] SCHOOL (SCHOL): [ ]

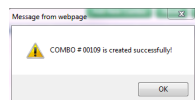
**Municipal Districts**  
MUNICIPALITY: [ --Select Municipality-- ]

Add New Combo | Reset | Previous

Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	CITYL	MUNICIPALITY	Actions
00000	99999	99999	99999	99999	LRG	LRG			[ ] [ ]
00101	010	046	119	046	LRG	LRG			[ ] [ ]
00104	010	046	119	046	LRG	LRG	LRG	641 - WATKINSVILLE	[ ] [ ]
00105	010	046	119	046	LRG	LRG	LRG	057 - BISHOP	[ ] [ ]
00106	010	046	119	046	LRG	LRG	LRG	440 - NORTH HIGH SHOALS	[ ] [ ]
00107	010	046	117	046	LRG	LRG	LRG	066 - BOGART	[ ] [ ]
00108	010	046	117	046	LRG	LRG			[ ] [ ]

## 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.

# Redistricting

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

## Edit a Combo

Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Activities > Redistricting > Add/Change Combo Numbers

Add/Change Combo Numbers

Statewide Districts Selected Combo Number: 00104

CONGRESSIONAL (CONG): 010 SENATE (SENAT): 046 HOUSE (HOUSE): 119 JUDICIAL (JUDIC): 046

Countywide Districts

COMMISSION (COMMI): LRG SCHOOL (SCHOL): LRG

Municipal Districts

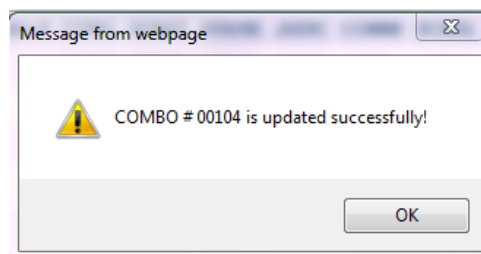
MUNICIPALITY: 641 - WATKINSVILLE

CITY COUNCIL (CITYL): LRG

Update Combo Reset Previous

Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	ALD6	CITYL	MUNICIPALITY	Actions
00000	99999	99999	99999	99999	LRG	LRG				
00101	010	046	119	046	LRG	LRG				
00104	010	046	119	046	LRG	LRG		LRG	641 - WATKINSVILLE	
00105	010	046	119	046	LRG	LRG		LRG	057 - BISHOP	
00106	010	046	119	046	LRG	LRG		LRG	440 - NORTH HIGH SHOALS	
00107	010	046	117	046	LRG	LRG		LRG	066 - BOGART	
00108	010	046	117	046	LRG	LRG				
00109	010	99999	117	046	LRG	LRG	3	LRG	066 - BOGART	

- 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

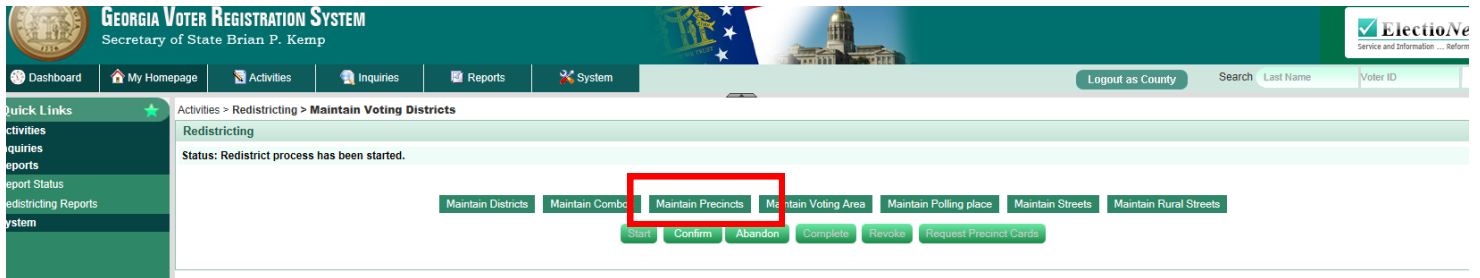
If you have combos that need to be deleted, please contact your liaison.

September 2021

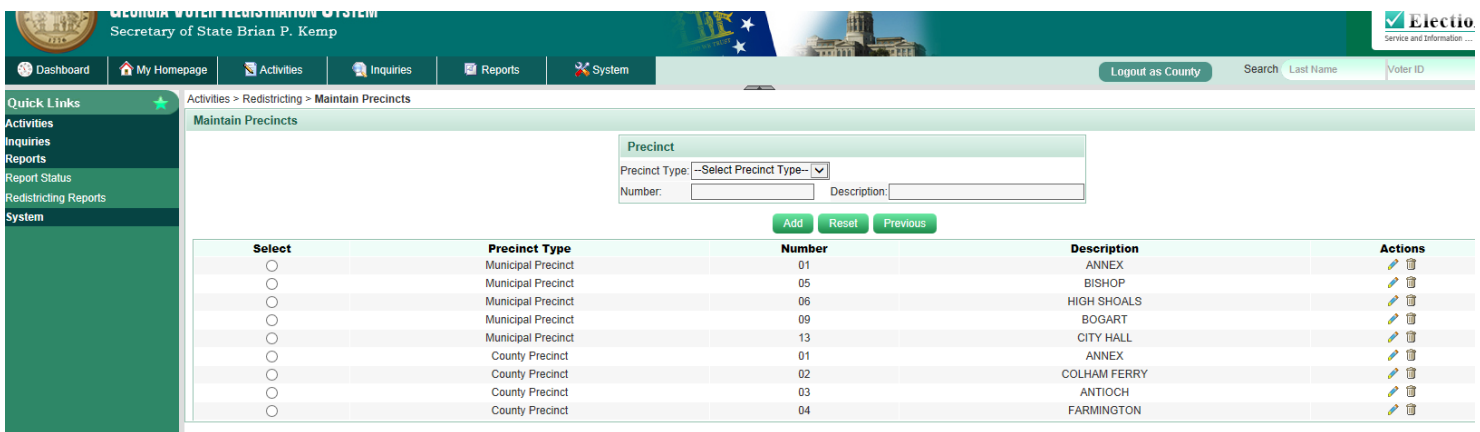


# Redistricting

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

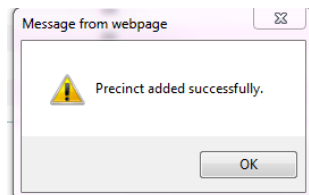


If you need to add, edit one or more precincts, Next you will move across to the **Maintain Precincts**. Click on Maintain Precincts button.



**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



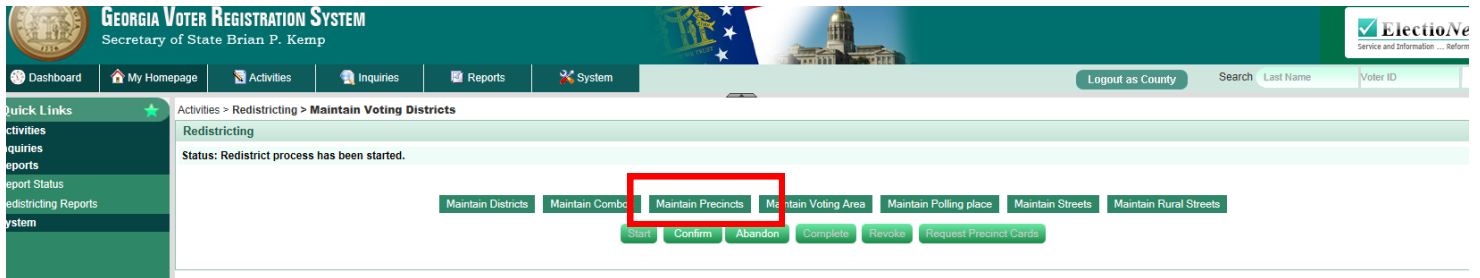
added successfully window,

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



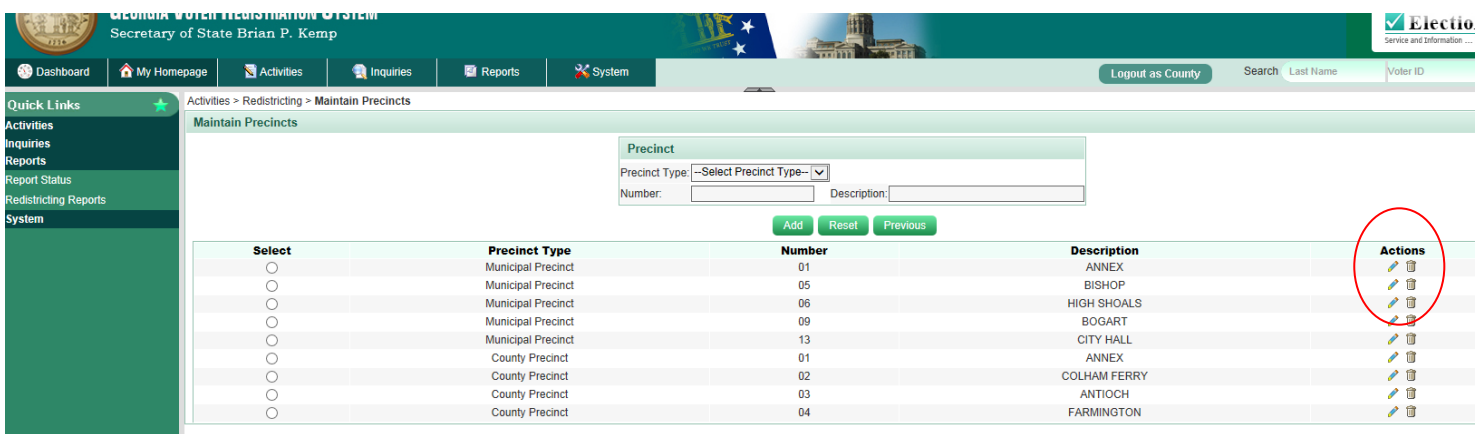
# Redistricting


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

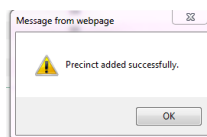


Click on Maintain Precincts button.

## 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.

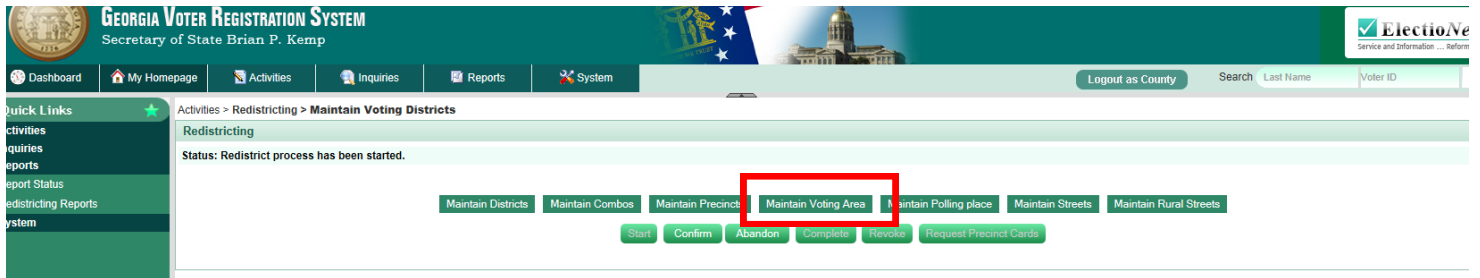
## Delete a Precinct

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

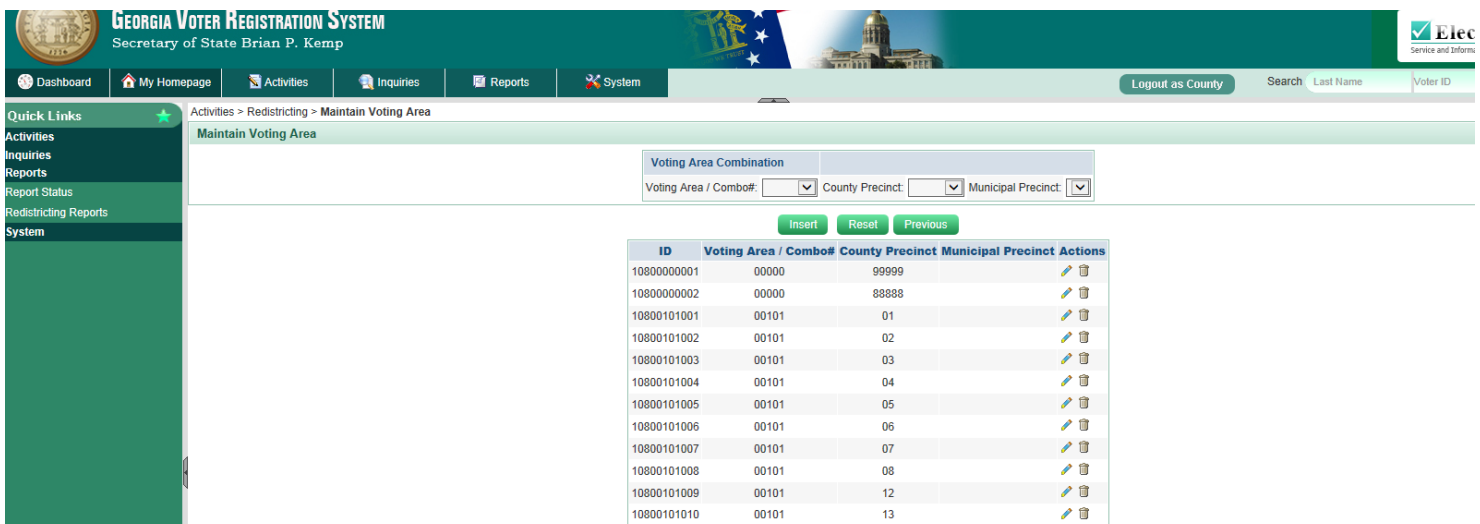
September 2021

# Redistricting

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



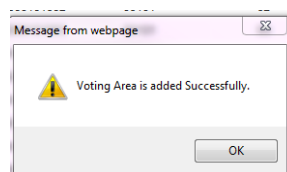
Click on Maintain Voting Area button.



## 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.

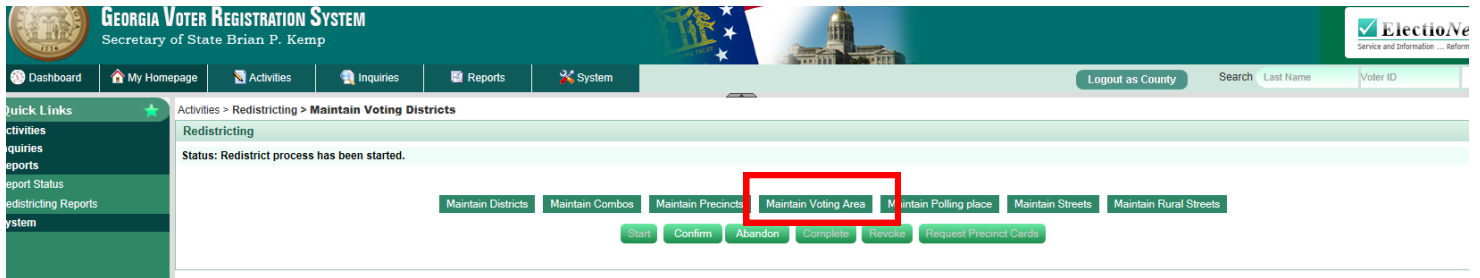
- Above is the screen you will receive. This is a listing of all the **Voting Areas** you have.
- From your approved spreadsheet, if you have **Voting Area** that need to be created, highlight the information from each of the drop down boxes .
- After you have entered the data, click the **Insert** button.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

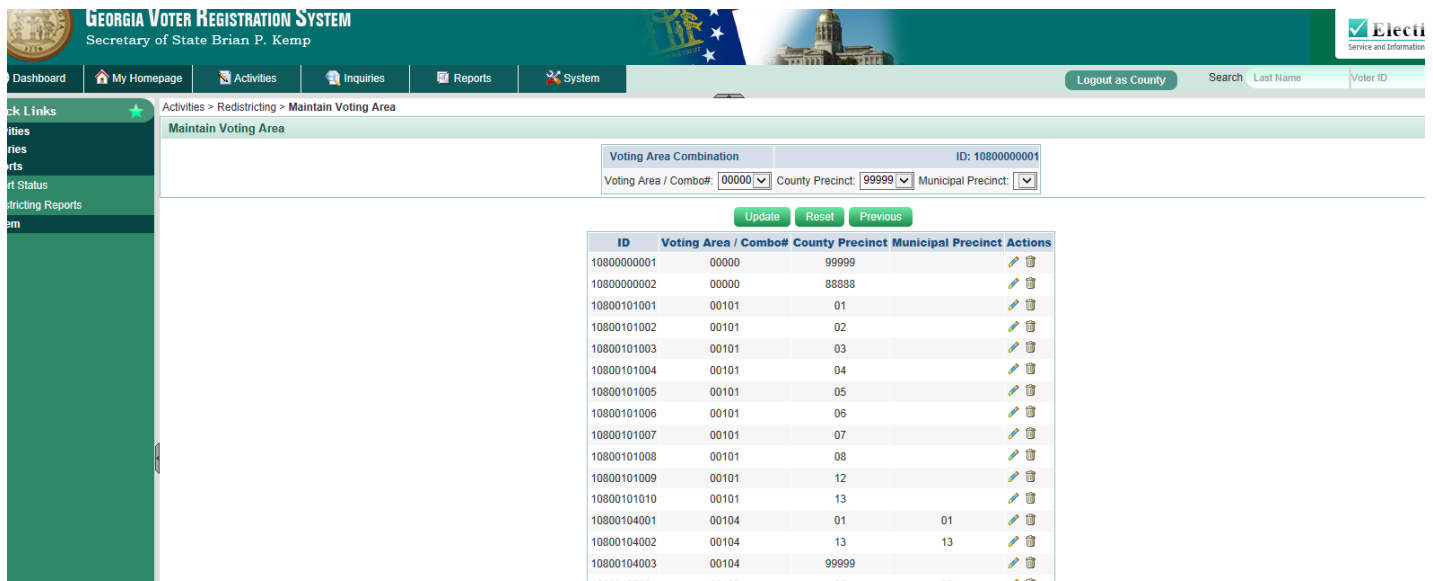
# Redistricting

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**

# Redistricting

**GEORGIA VOTER REGISTRATION SYSTEM**  
Secretary of State Brian P. Kemp

Dashboard | My Homepage | Activities | Inquiries | Reports | System

Logout as County | Search | Last Name | Voter ID

Quick Links: Activities, Inquiries, Reports, Report Status, Redistricting Reports, System

Activities > Redistricting > Maintain Voting Districts

Redistricting

Status: Redistrict process has been started.

Maintain Districts | Maintain Combos | Maintain Precincts | Maintain Voting Area | **Maintain Polling place** | Maintain Streets | Maintain Rural Streets

(Start) (Confirm) (Abandon) (Complete) (Revoke) (Request Precinct Cards)

Click on Maintain Polling Place button.

Activities > Redistricting > Maintain Polling Place

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 30966	08	[00101]			108002
BISHOP COMMUNITY CENTER	4951 MACON HWY BISHOP GA 30621	05	[00101, 00105]			108003
BOGART COMMUNITY CENTER	141 EAST THOMPSON STREET BOGART GA 30622	03	[00101]			108004
COLHAM FERRY ELEMENTARY SCHOOL	190 COLHAM FERRY RD WATKINSVILLE GA 30677	09	[00108, 00107]			108011
FARMINGTON COMMUNITY CENTER	2890 OLD FARMINGTON RD WATKINSVILLE GA 30677	02	[00101]			108007
HIGH SHOALS FIRE STATION	250 HILLSBORO RD HIGH SHOALS GA 30645	04	[00101]			108010
MALCOM BRIDGE MIDDLE SCHOOL	2600 MALCOM BRIDGE RD BOGART GA 30622	06	[00108]			108012
NORTH OCONEE HIGH SCHOOL	1081 ROCKY BRANCH RD BOGART GA 30622	10	[00101]			108009
OCONEE COUNTY CIVIC CENTER	2661 HOG MOUNTAIN RD WATKINSVILLE GA 30677	07	[00101]			108008
OCONEE COUNTY GOVERNMENT ANNEX	1291 GREENSBORO HWY WATKINSVILLE GA 30677	12	[00101, 00104]			108014
WATKINSVILLE COMMUNITY CENTER	191 V.F.W. DRIVE WATKINSVILLE GA 30677	01	[00104]		641 - WATKINSVILLE	108013

Previous | Assign Voting Area

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

Activities > Redistricting > > Polling Place > Maintain Polling Place > Assign Voting Area

Assign Voting Area

Polling Place : --Select Polling Place--

Polling Place Type : --Select Polling Place Type--

Assign Voting Area/Combo #

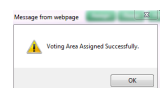
Assigned Voting Area/Combo #

ALL > > < < ALL

Assign Reset Previous

(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**

GEORGIA VOTER REGISTRATION SYSTEM  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
Redistricting Reports  
System

Activities > Redistricting > Maintain Voting Districts

Redistricting

Status: Redistrict process has been started.

Maintain Districts Maintain Combos Maintain Precincts Maintain Voting Area Maintain Polling place **Maintain Streets** Maintain Rural Streets

Start Confirm Abandon Complete Revoke Request For Review

Click on the **Maintain Street** button.

GEORGIA VOTER REGISTRATION SYSTEM  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
Redistricting Reports  
System

Activities > Redistricting > Maintain Street

Street Segments

☒ New Street ☐ Existing Street

Street Name:

Pre Direction:

Side:

Low Range:

Building Low #:

Land Districts:

Municipality:  ☐ In Municipality

Zip Code:

Municipal Precinct:

Street Type:

Post Direction:

High Range:

Building High #:

Land Lot:

Postal City:

County Precinct:

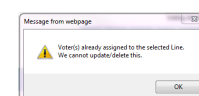
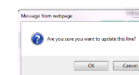
Voting Area/Combo #:

Add Line Reset Previous

## 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**

Georgia Voter Registration System  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
Redistricting Reports  
System

Activities > Redistricting > Maintain Voting Districts

Redistricting

Status: Redistrict process has been started.

Maintain Districts Maintain Combos Maintain Precincts Maintain Voting Area Maintain Polling places **Maintain Streets** Maintain Rural Streets

Start Confirm Abandon Complete Revoke Request

Click on the **Maintain Street** button.

## To Edit Streets

Georgia Voter Registration System  
Secretary of State Brian P. Kemp

Dashboard My Homepage Activities Inquiries Reports System Logout as County Search Last Name Voter ID

Quick Links  
Activities  
Inquiries  
Reports  
Report Status  
Redistricting Reports  
System

Activities > Redistricting > Maintain Street

Street Segments

☐ New Street ☒ Existing Street

Street Name: GREENE FERRY RD

Side:

Low Range:  High Range:

Building Low #:  Building High #:

Land Districts:  Land Lot:

Municipality:  ☐ In Municipality Postal City:

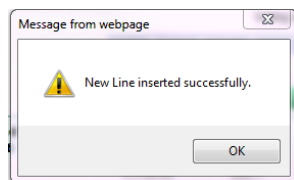
Zip Code:  County Precinct:

Municipal Precinct:  Voting Area/Combo #:

Add Line Reset Previous

Side	Low Range	High Range	Building Low #	Building High #	Land Districts	Land Lot	Municipality	Postal City	ZIP Code	County Precinct	Municipal Precinct	Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	Acti
E	1000	2110						WATKINSVILLE	30677	02		00101	010	046	119	046	LRG	LRG	
O	1001	1699						WATKINSVILLE	30677	02		00101	010	046	119	046	LRG	LRG	

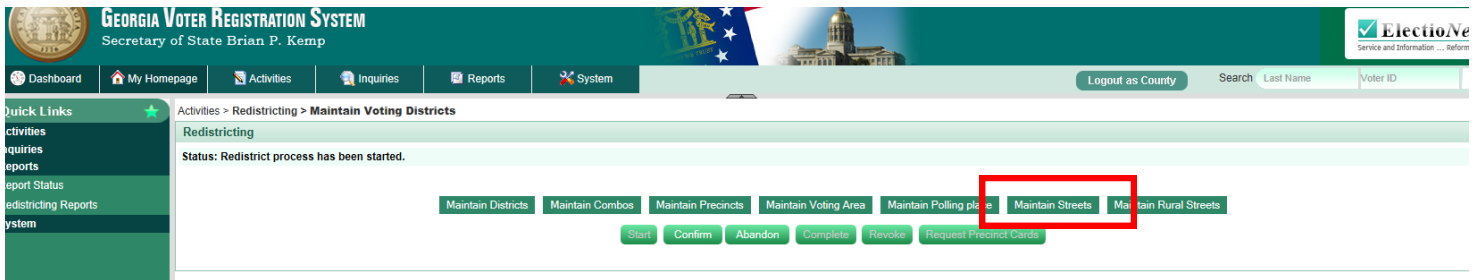
- Select the Existing Street radio button.
- Select the street from the **Street Name** drop down list.
- The street information will be displayed in a grid at the bottom of the screen.
- On the street grid, select a line to modify by clicking on the icon on the respective line, under the section labeled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

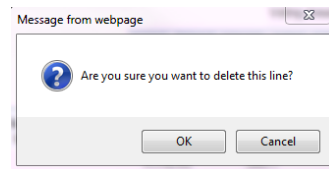
Navigate to **Activities > Redistricting > Maintain Voting Districts**

## Redistricting



### 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**

The screenshot shows the 'Georgia Voter Registration System' interface. The top navigation bar includes 'Dashboard', 'My Homepage', 'Activities', 'Inquiries', 'Reports', and 'System'. The 'Activities' menu is expanded, showing 'Redistricting > Maintain Voting Districts'. Below this, a status message reads: 'Status: Redistrict process has been started.' A row of buttons includes 'Maintain Districts', 'Maintain Combos', 'Maintain Precincts', 'Maintain Voting Area', 'Maintain Polling place', 'Maintain Streets', and 'Maintain Rural Streets', which is highlighted with a red rectangle. Below these buttons are 'Start', 'Confirm', 'Abandon', 'Complete', 'Revoke', and 'Request Precinct Cards' buttons.

## 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

The screenshot shows the 'Maintain Rural Street' form. The top navigation bar is the same as the previous screenshot. The 'Activities' menu is expanded to 'Maintain Rural Street'. The form is titled 'Street Segments' and has two tabs: 'New Street' (selected) and 'Existing Street'. The form fields are organized into two columns. The left column includes: 'Street Name', 'Pre Direction' (dropdown), 'Side' (dropdown), 'Low Range', 'Building Low #', 'Land Districts', 'Municipality' (dropdown with an 'In Municipality' checkbox), 'Zip Code', and 'Municipal Precinct' (dropdown). The right column includes: 'Street Type' (dropdown), 'Post Direction' (dropdown), 'High Range', 'Building High #', 'Land Lot', 'Postal City' (dropdown), 'County Precinct' (dropdown), and 'Voting Area/Combo #' (dropdown). At the bottom right are 'Add Line', 'Reset', and 'Previous' buttons.

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

## Redistricting

**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.

Report Submitted Successfully.  
Report ID: 000027142

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**

**GEORGIA VOTER REGISTRATION SYSTEM**  
Secretary of State Brian P. Kemp

Dashboard | My Homepage | Activities | Inquiries | Reports | System

Logout as County | Search | Last Name | Voter ID

**Quick Links**

- Activities
- Inquiries
- Reports
- Report Status
- Redistricting Reports
- System

Activities > Redistricting > Maintain Voter Address

**Maintain Voting Address**

Street Name:

Side:

Low Range:

Building Low #:

Land Districts:

Municipality:  ☐ In Municipality

Zip Code:

Municipal Precinct:

High Range:

Building High #:

Land Lot:

Postal City:

County Precinct:

Voting Area/Combo #:

- 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.

**GEORGIA VOTER REGISTRATION SYSTEM**  
Secretary of State Brian P. Kemp

Dashboard | My Homepage | Activities | Inquiries | Reports | System

Logout as County | Search | Last Name | Voter ID

**Quick Links**

- Activities
- Inquiries
- Reports
- Report Status
- Redistricting Reports
- System

Activities > Redistricting > Maintain Voter Address

**Maintain Voting Address**

Street Name:

Side:

Low Range:

Building Low #:

Land Districts:

Municipality:  ☐ In Municipality

Zip Code:

Municipal Precinct:

High Range:

Building High #:

Land Lot:

Postal City:

County Precinct:

Voting Area/Combo #:

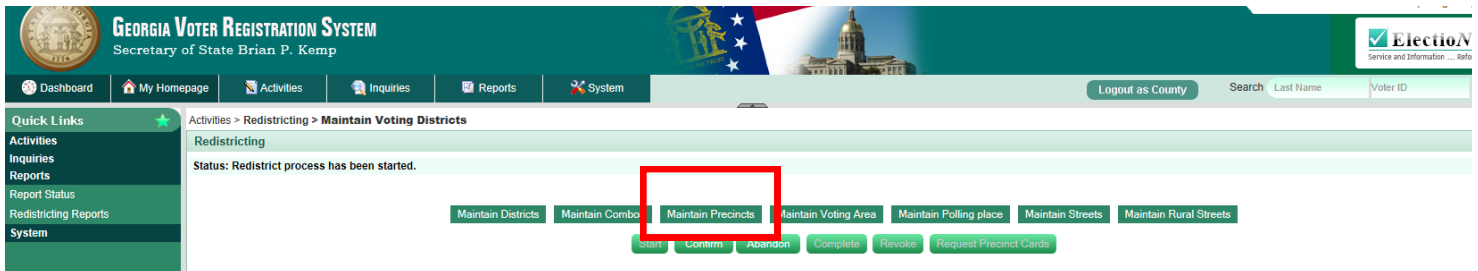
Side	Low Range	High Range	Building Low #	Building High #	Land Districts	Land Lot	Municipality	Postal City	ZIP Code	County Precinct	Municipal Precinct	Voting Area / Combo #	CONG	SENAT	HOUSE	JUDIC	COMMI	SCHOL	CITYL
A	1	300					FORT OGLETHORPE	FORT OGLETHORPE	30742	FT O	F	00302	014	053	003	025	1	1	LRG

## 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.

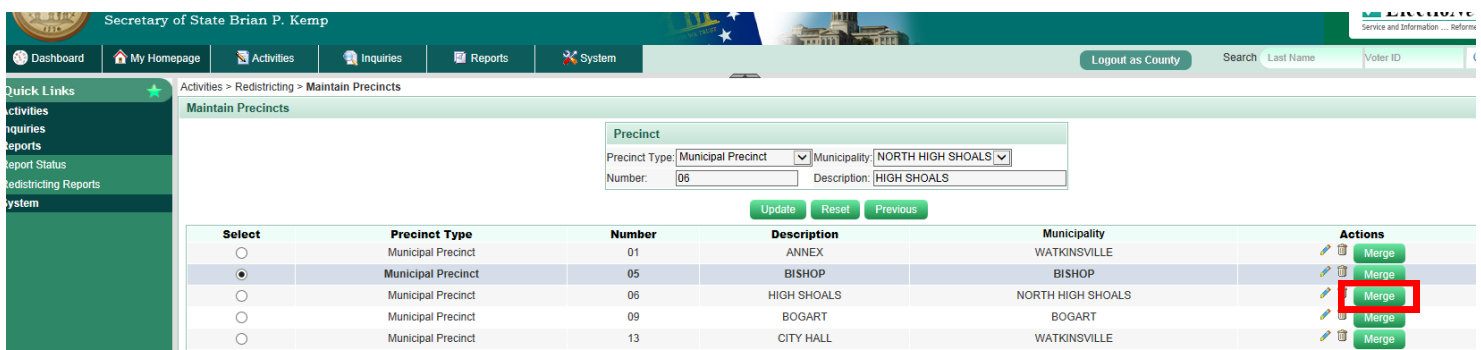
Navigate to **Activities > Redistricting > Maintain Voting Districts**.

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

## Redistricting

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

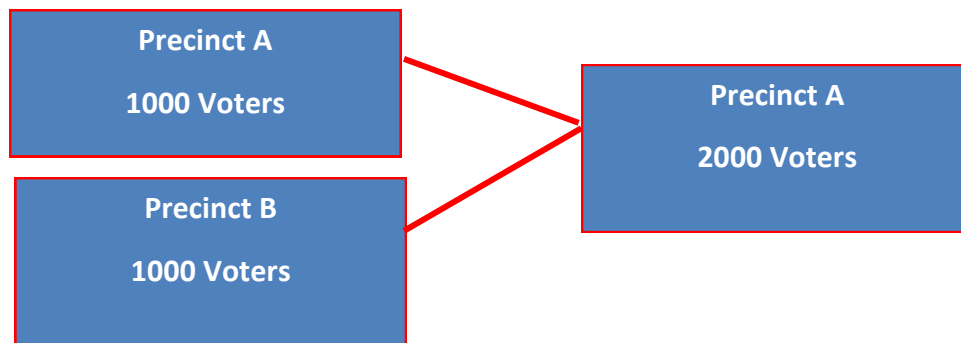
There are 2 options to reduce the number of Election Day polling places.

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

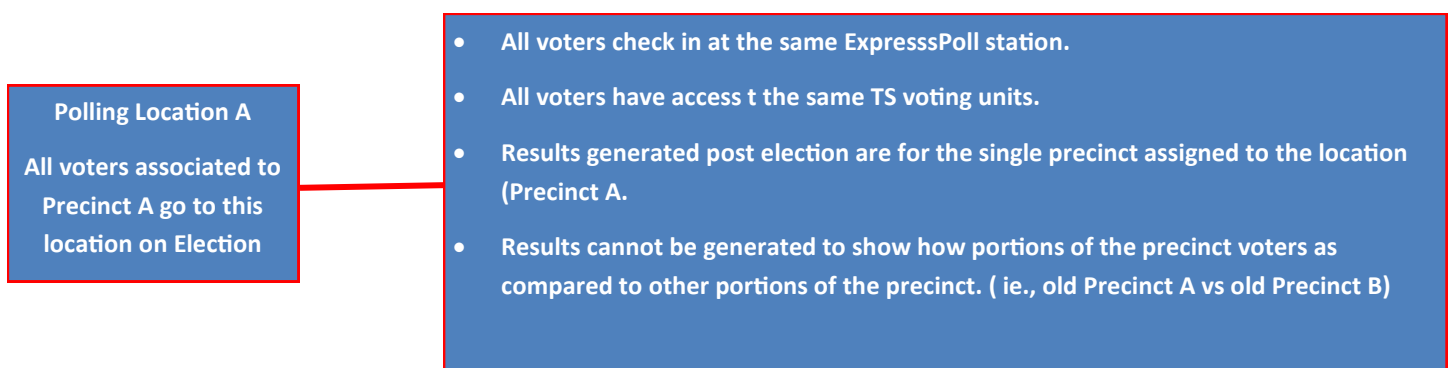
### Consolidating Precincts

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.

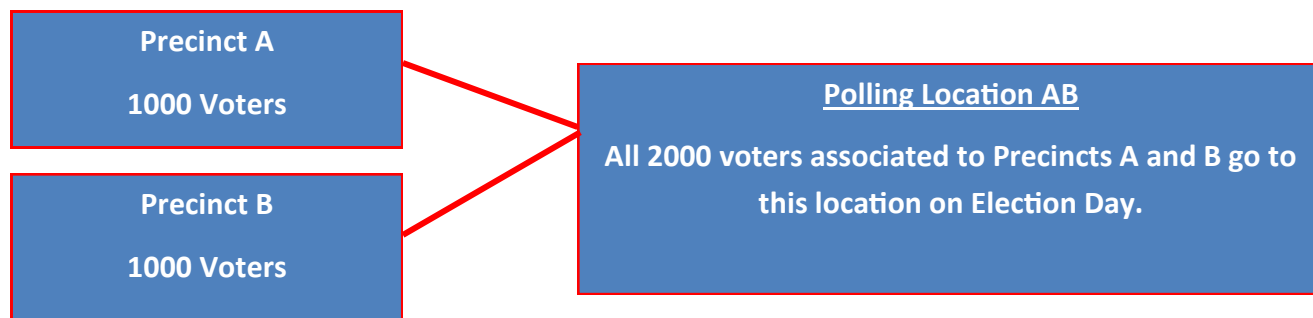


On Election Day all voters in Precinct A will now go to Polling Location A.

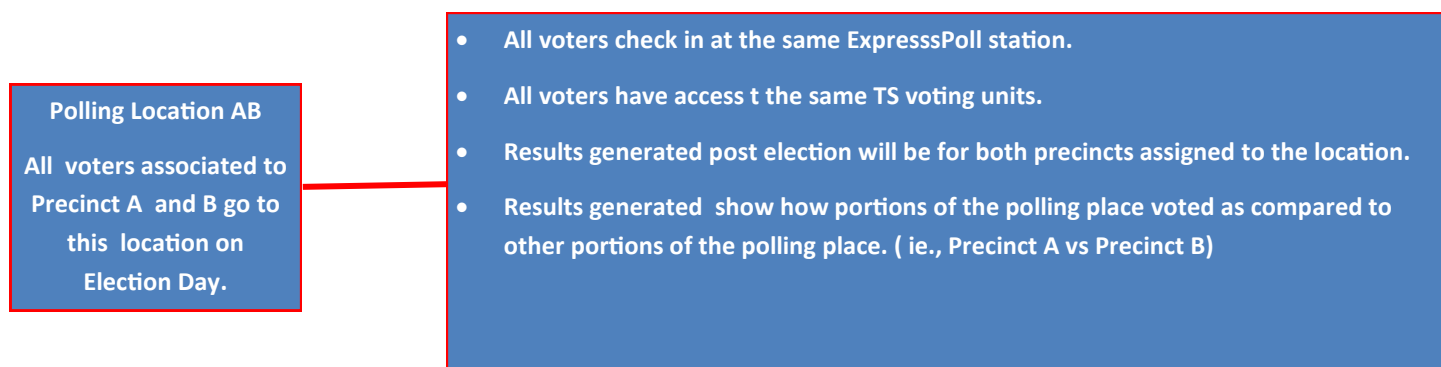


## Creating Voter Centers

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.

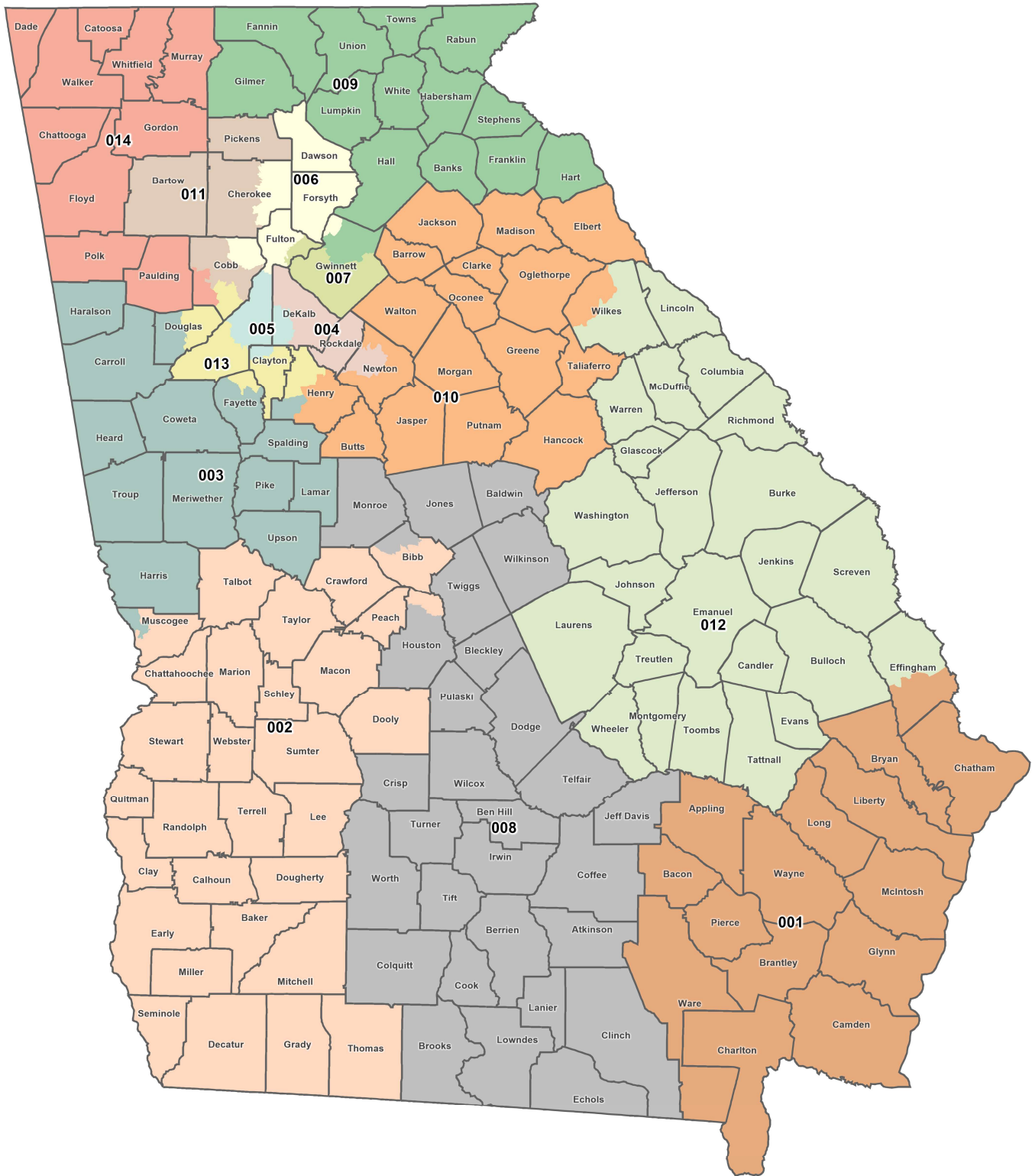


If considering either Consolidating Precincts or Creating Vote Centers, be certain to review O.C.G.A §21-2-260 through §21-2-270 for guidance.

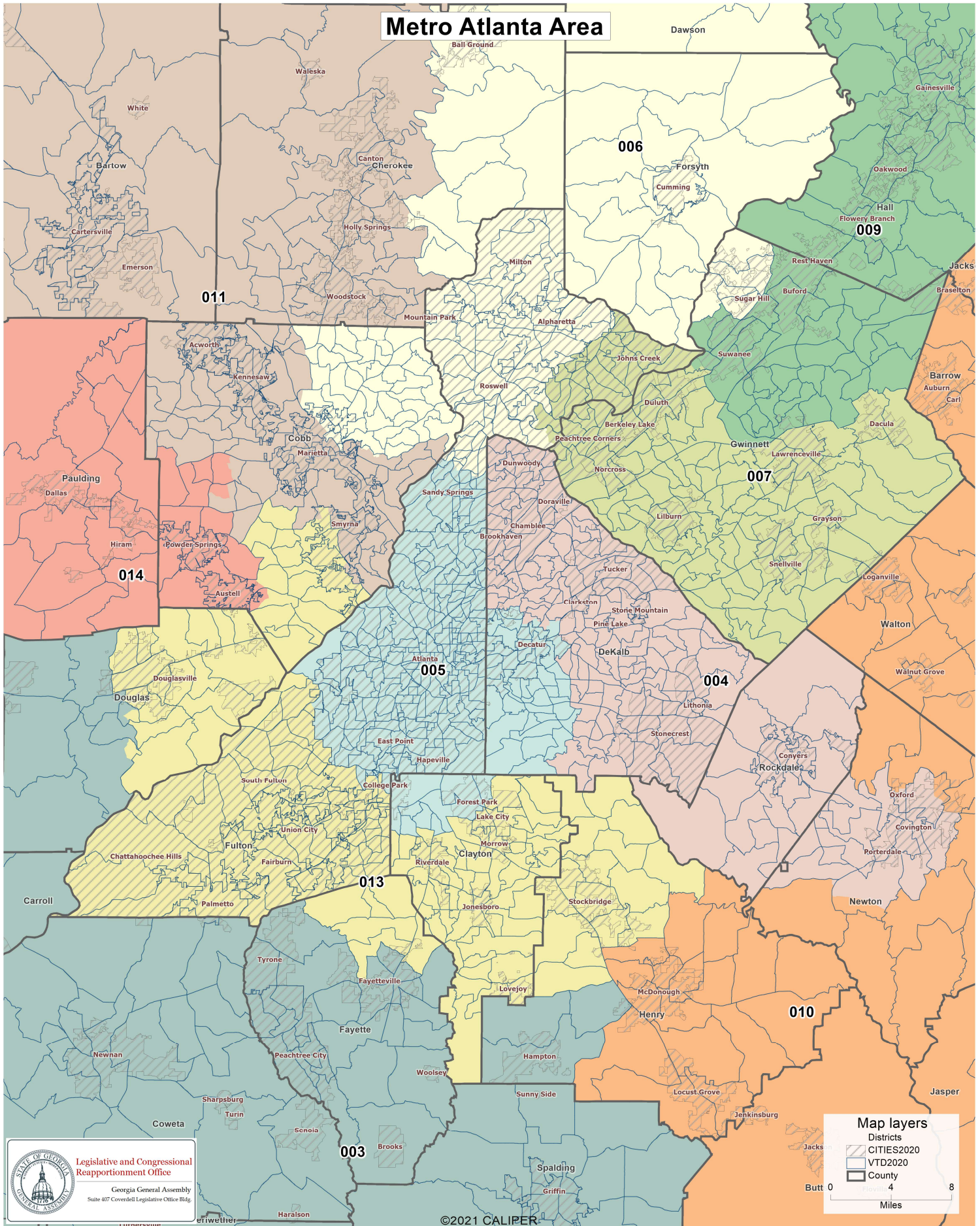


# EXHIBIT 9

# Proposed Joint Congressional Districts of Georgia

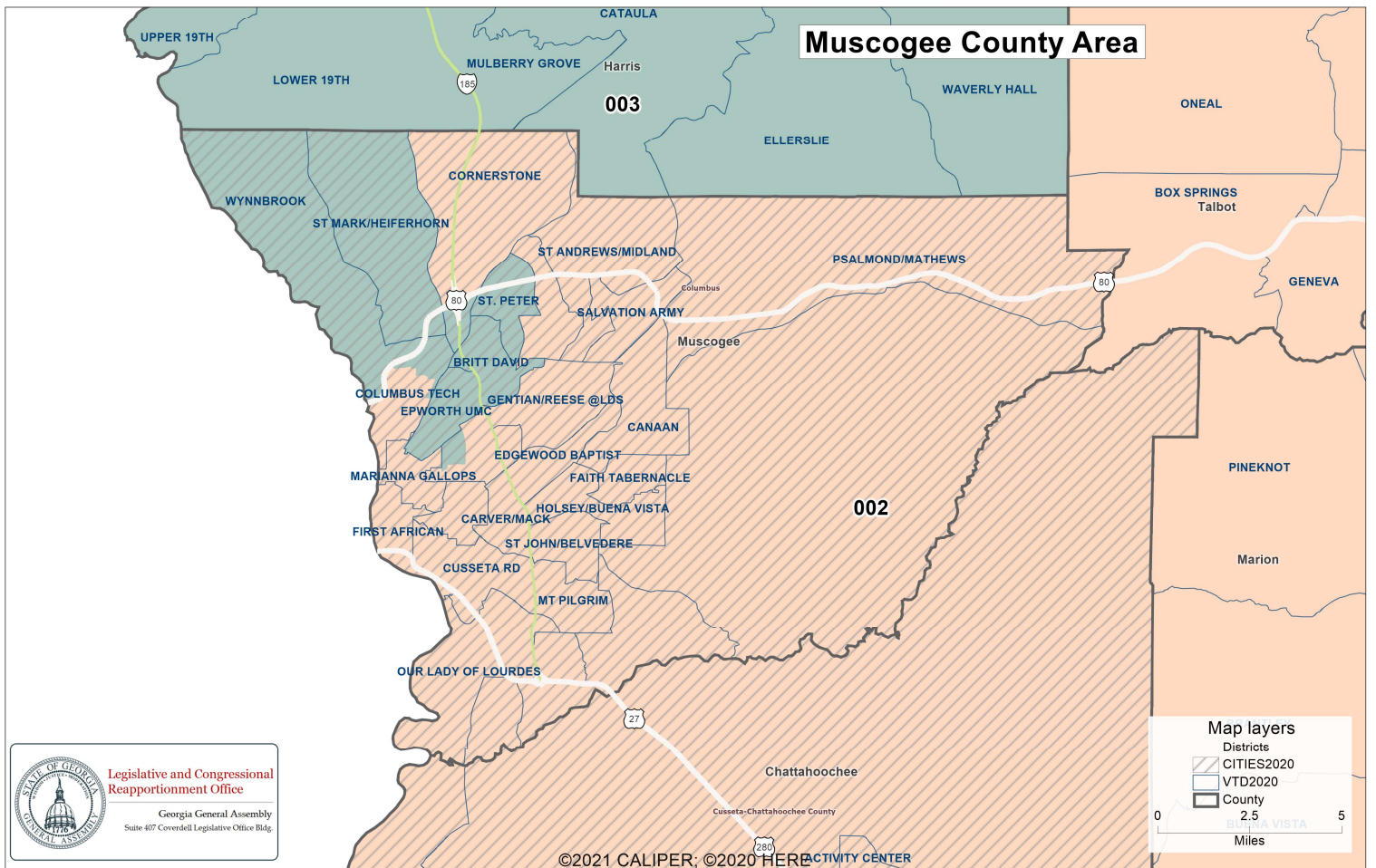




**Proposed Joint Congressional Districts of Georgia**



This map displays the Bibb County Area, highlighting various precincts and their corresponding districts. The precincts are color-coded: blue for the northern and western portions, orange for the central and eastern portions, and yellow for the southern portions. The districts are labeled as DISTRICT 2, DISTRICT 4, DISTRICT 3, DISTRICT 1B, and DISTRICT 5. The map also shows major roads, including US Highway 75, US Highway 49, and US Highway 16. The precincts are labeled with numbers and names, such as HOWARD 1 through HOWARD 7, VINEVILLE 1 through VINEVILLE 6, EAST MACON 1 through EAST MACON 5, HAZZARD 1 through HAZZARD 4, GODFREY 1 through GODFREY 5, WARRIOR 1 through WARRIOR 2, RUTLAND 1 through RUTLAND 2, and BYRON #1 through BYRON #2. The map is titled "Bibb County Area" in a large, bold, black font at the top center. The map is credited to "©2021 CAL PER, ©2020 HERE" at the bottom center.



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_Blkl]	[% 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%

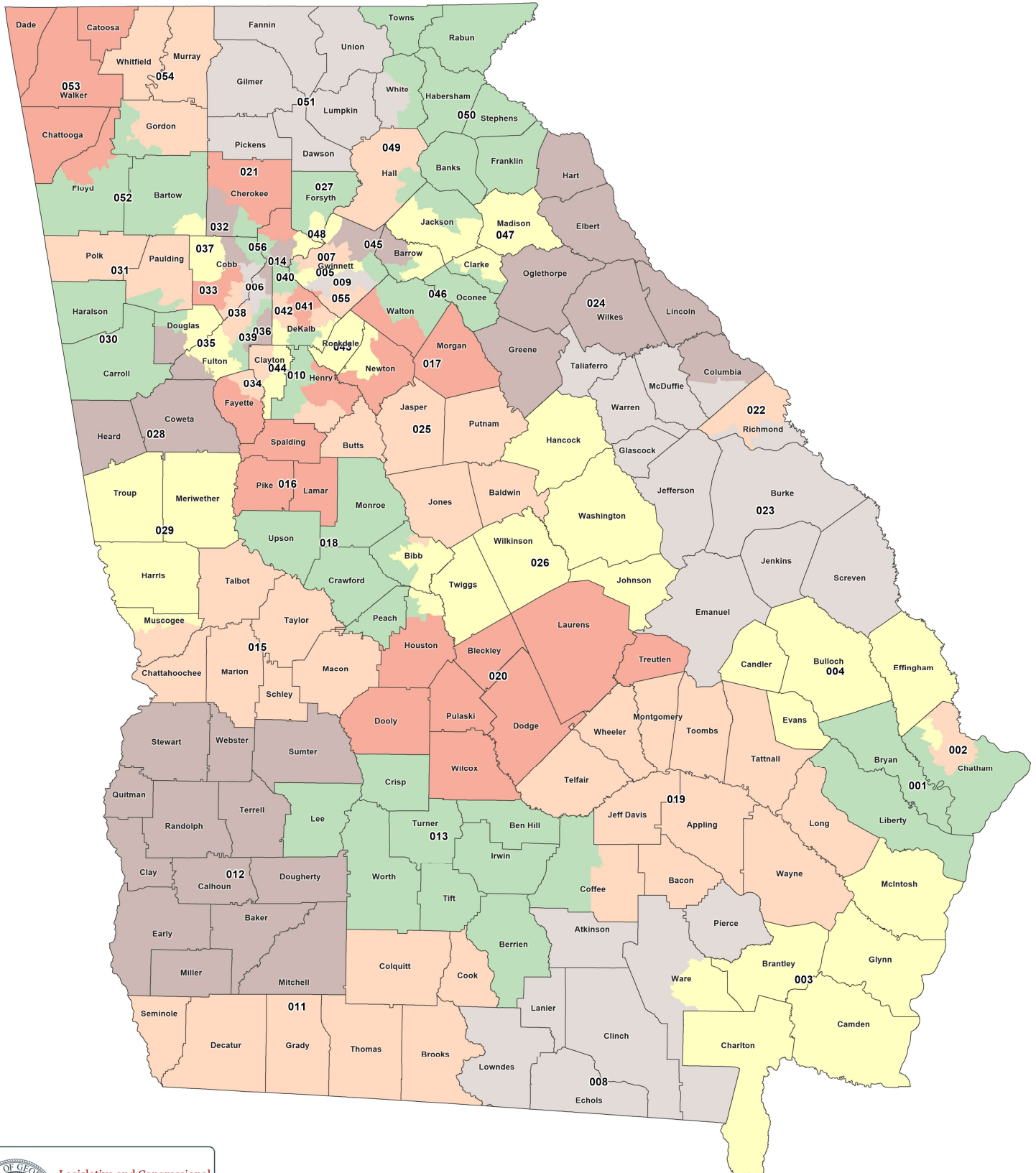
**Total:** 10,711,908

**Ideal District:** 765,136

# EXHIBIT 10



# Proposed Georgia Senate Districts



Legislative and Congressional  
Reapportionment Office

Georgia General Assembly  
Suite 407 Coverdell Legislative Office Bldg.

©2021 CALIPER

Map layers

Districts

County

0

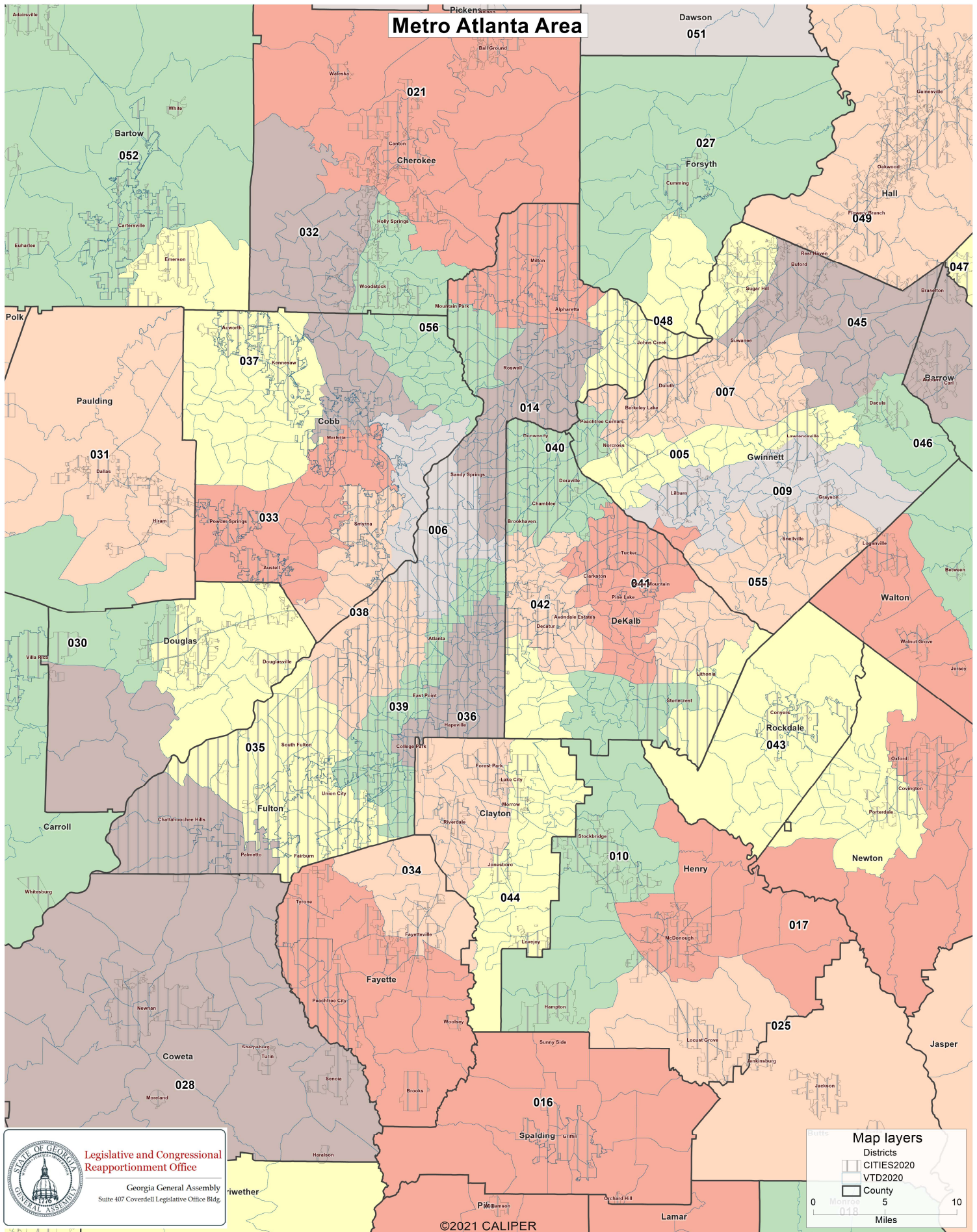
20

40

Miles

# Proposed Georgia Senate Districts

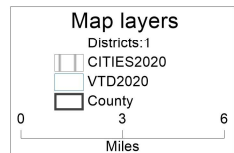
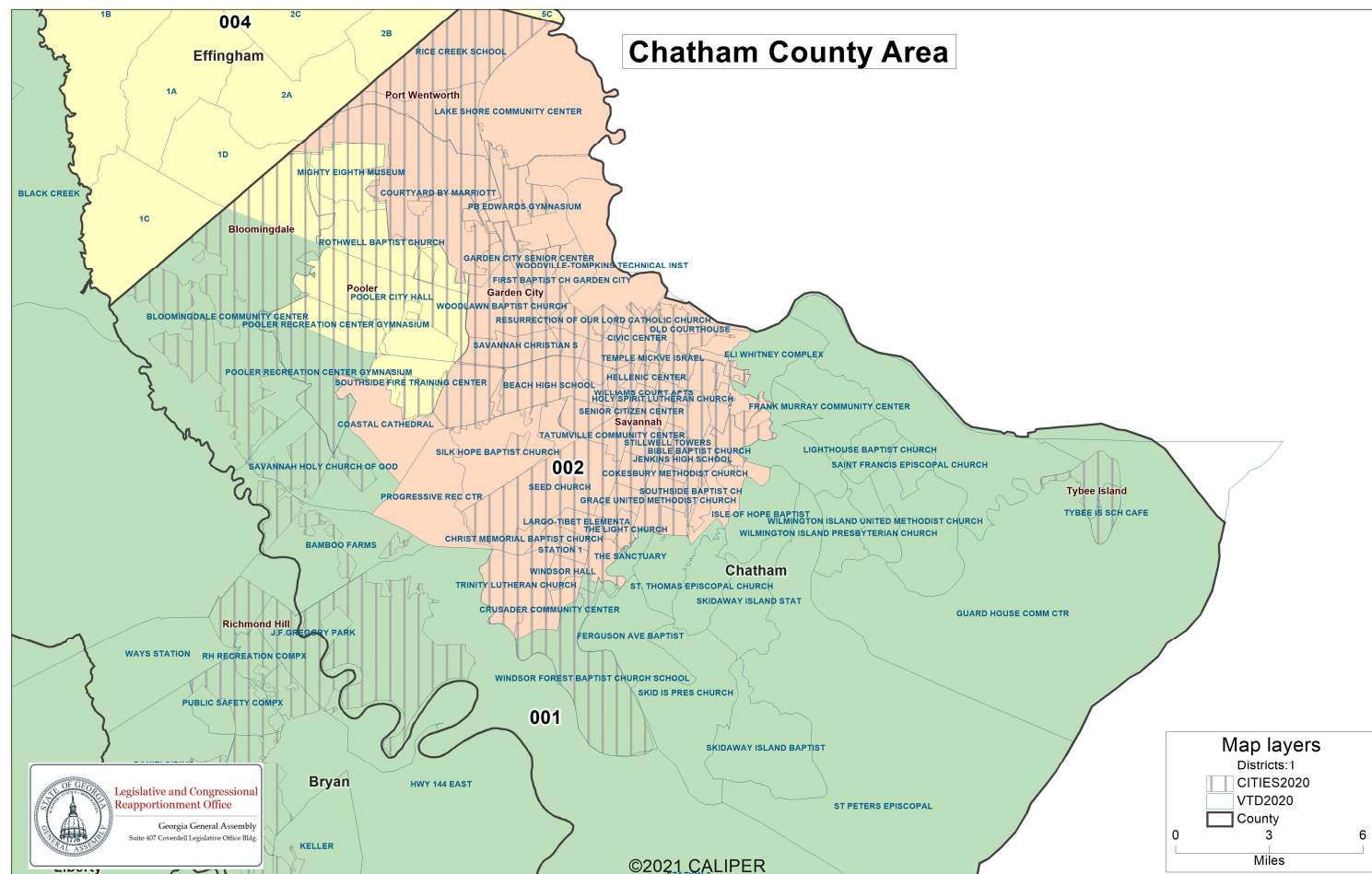
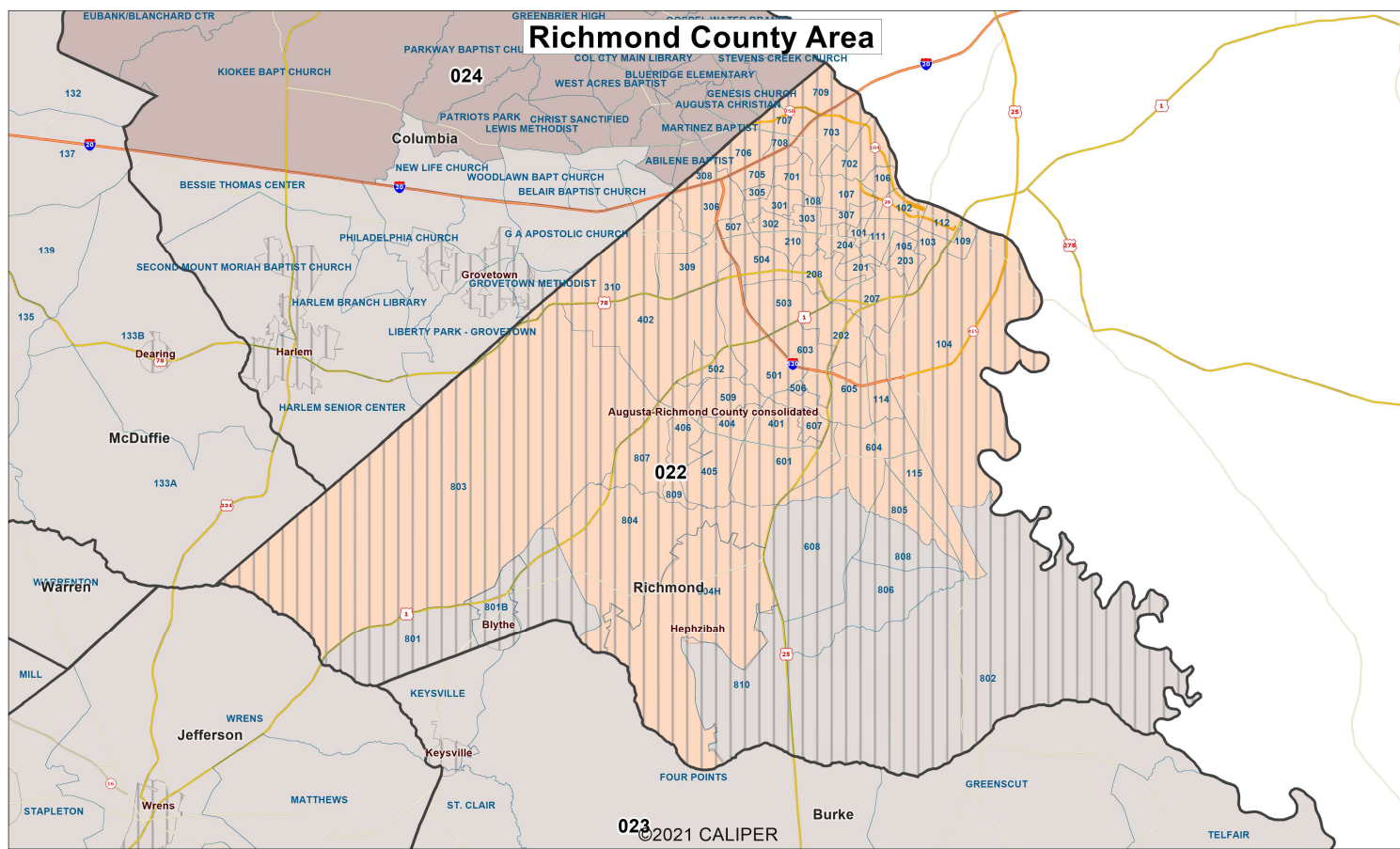
Client: S018  
Plan: Senate-prop1-2021  
Type: Senate





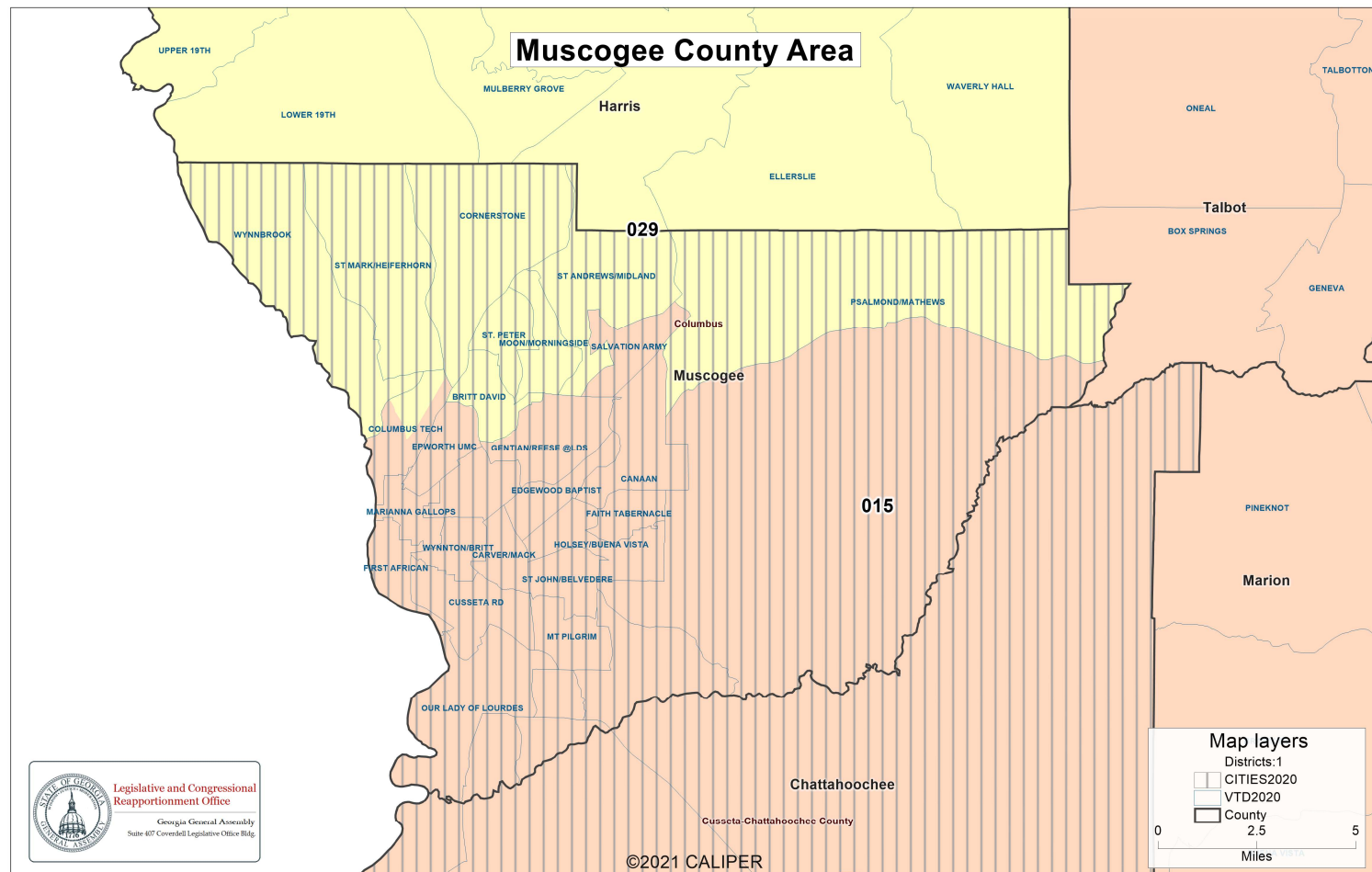
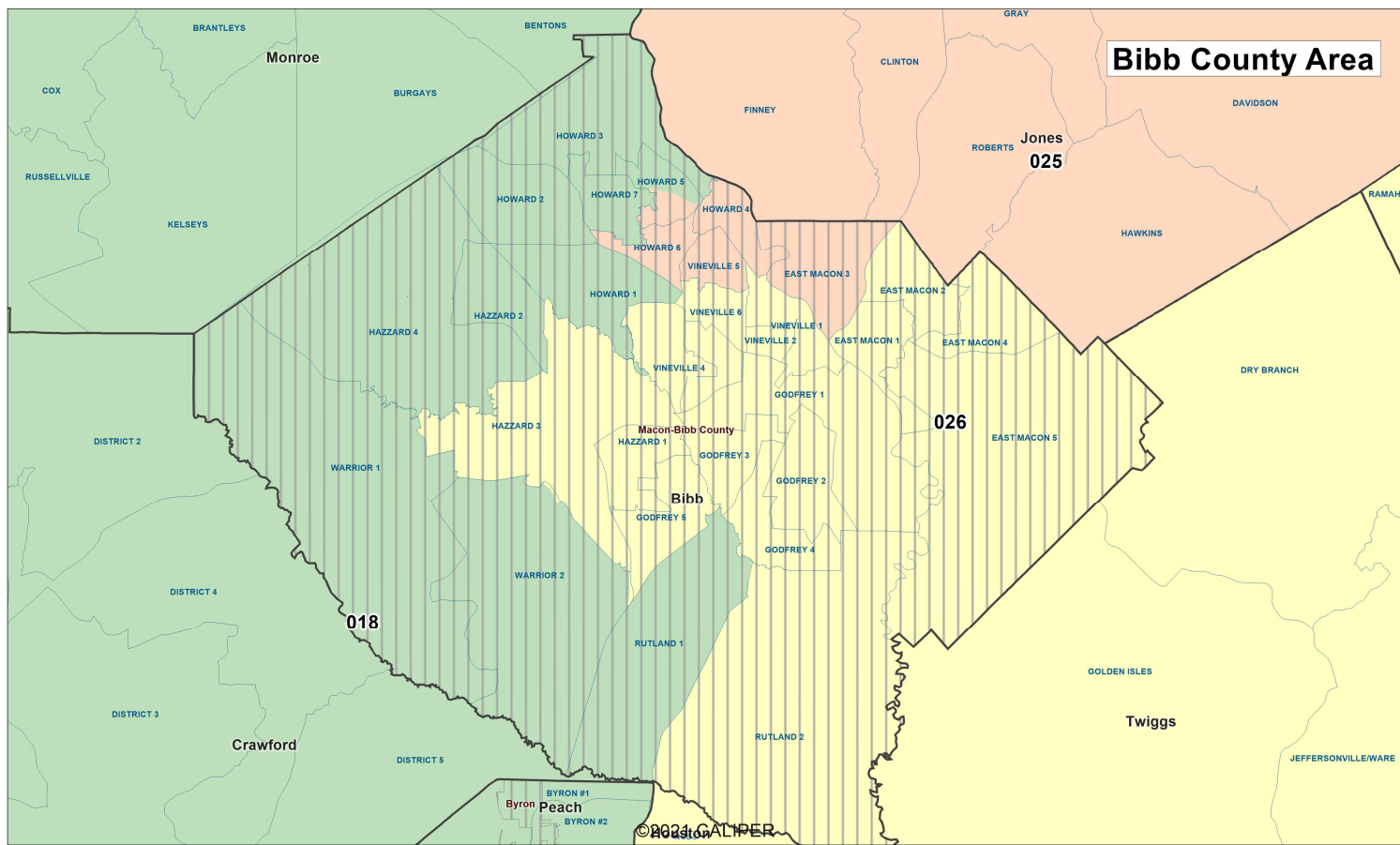
# Proposed Georgia Senate Districts

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



# Proposed Georgia Senate Districts

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



User: S018

Plan Name: Senate-prop1-2021

Plan Type: Senate

## Population Summary

### Summary Statistics:

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

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

## Population Summary

Senate-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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

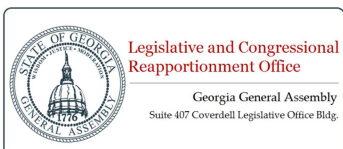
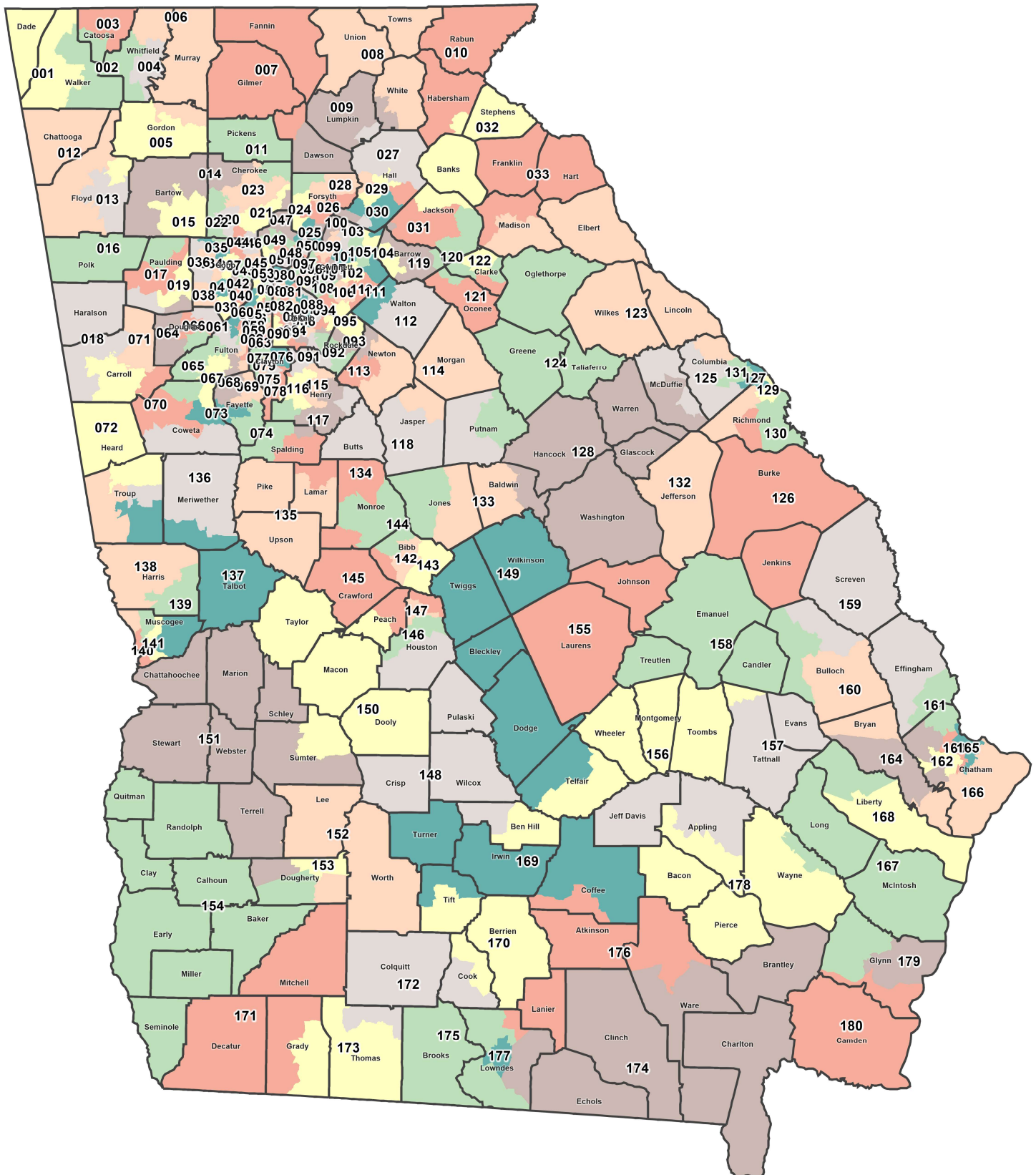
District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Asn]	[% NH18+_Ind]	[% NH18+_Hwn ]	[% NH18+_Oth]	[% NH18+_ 2+ Races]
029	189,424	-1,860	-0.97%	145,674	76.9%	63.22%	25.52%	4.45%	3%	0.23%	0.11%	0.33%	3.13%
030	191,475	191	0.10%	145,077	75.77%	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



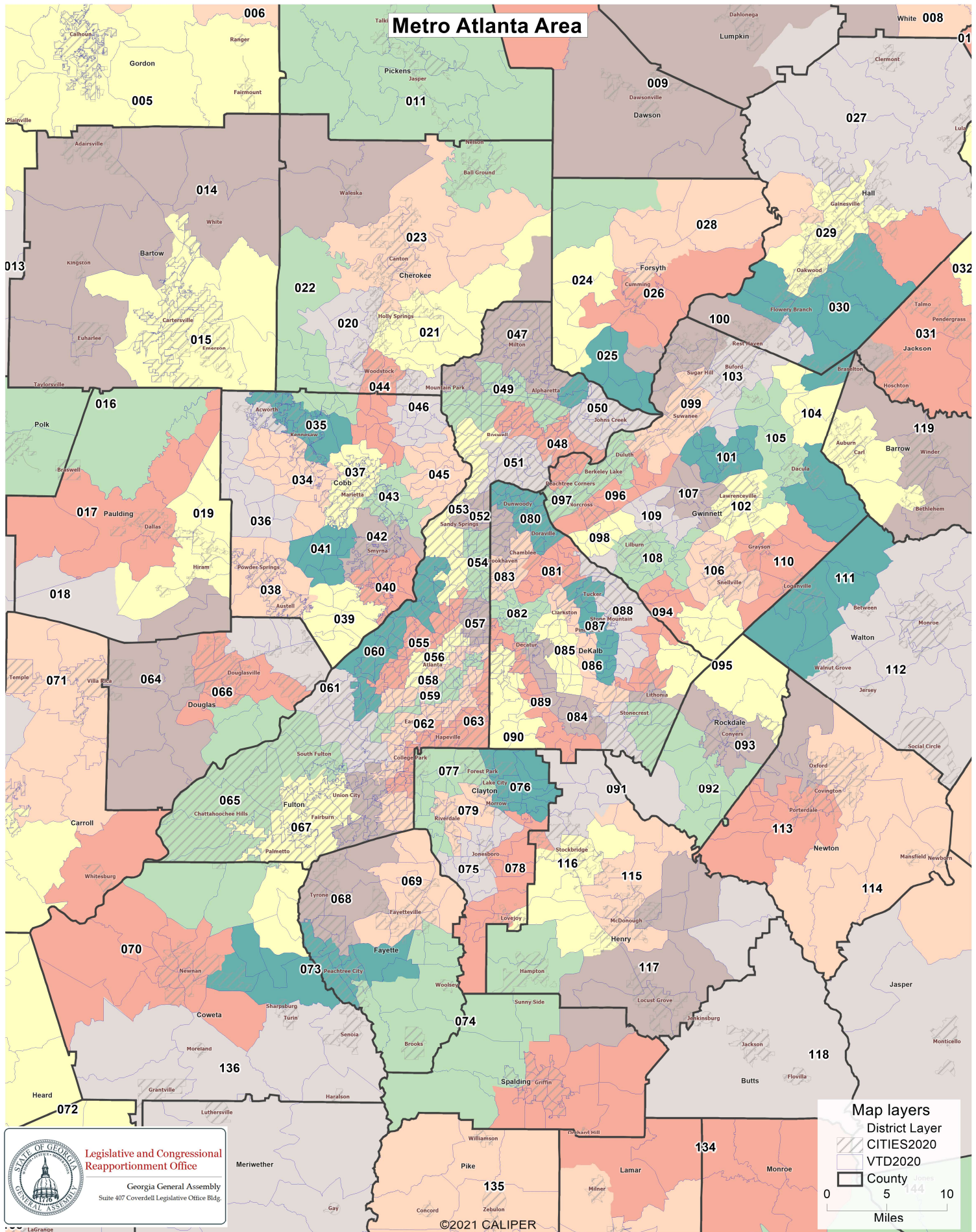
©2021 CALIPER

Map layers  
District Layer  
County  
0 20 40  
Miles



# Proposed Georgia House Districts

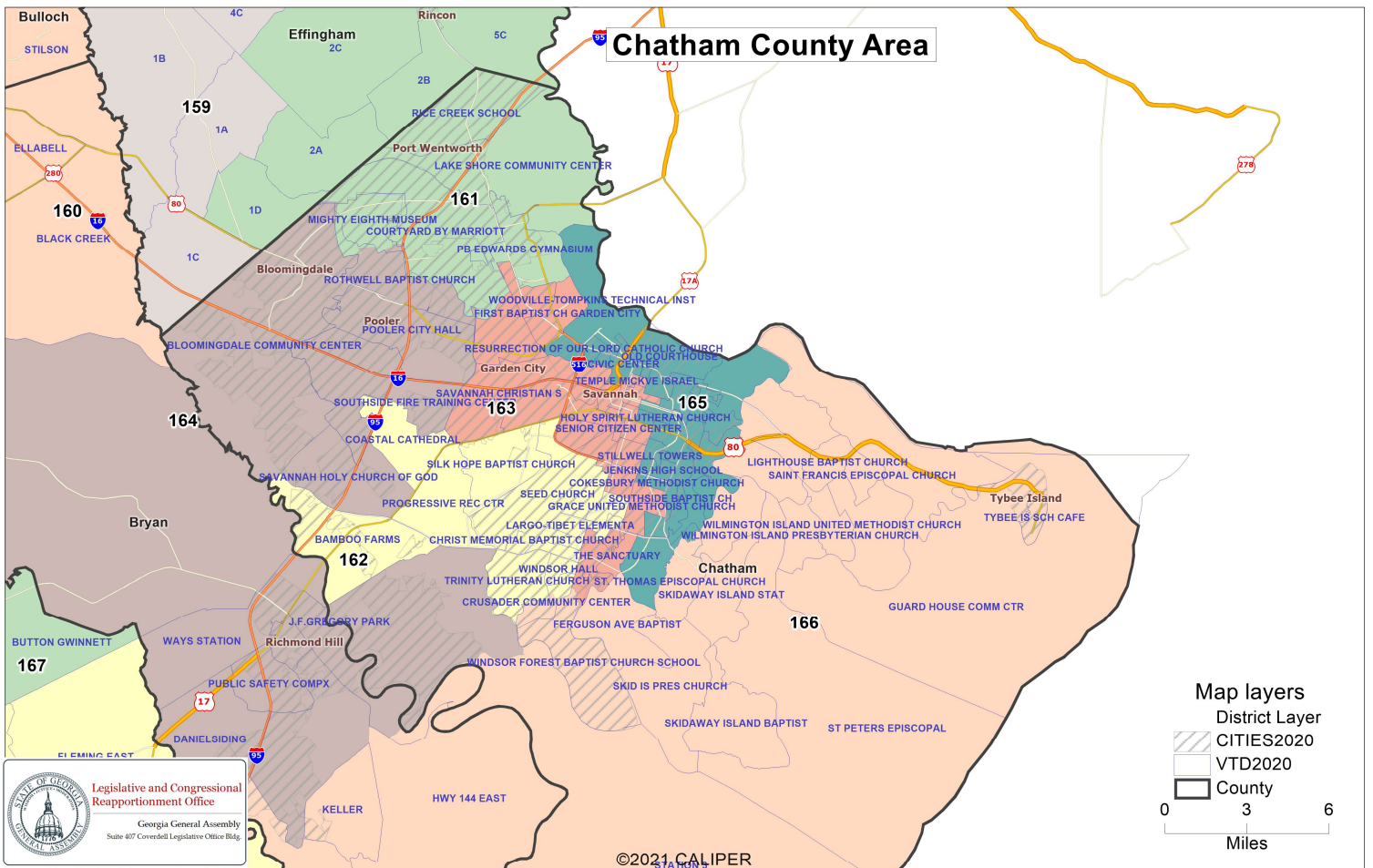
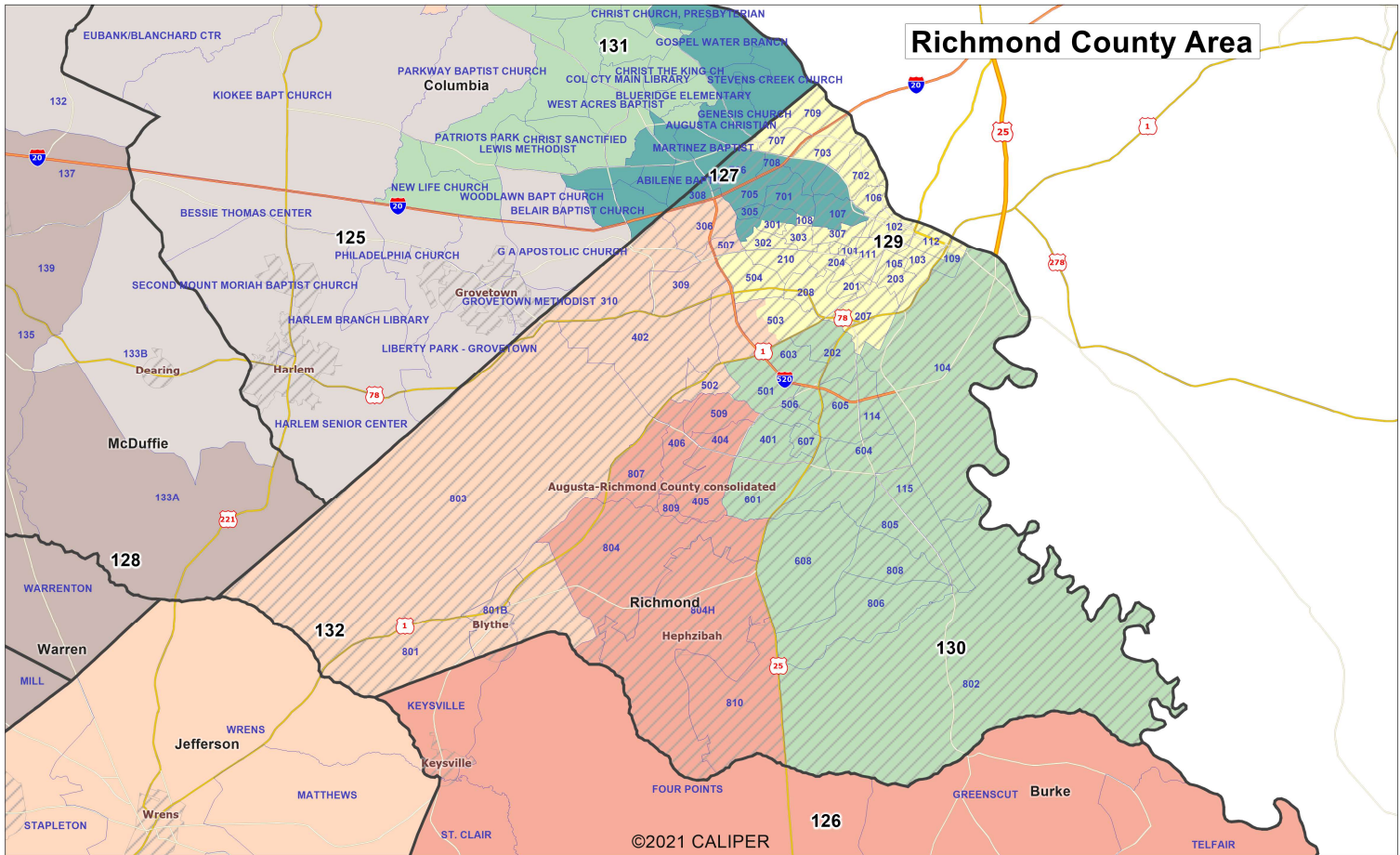
Client: H097  
Plan: House-prop1-2021  
Type: House





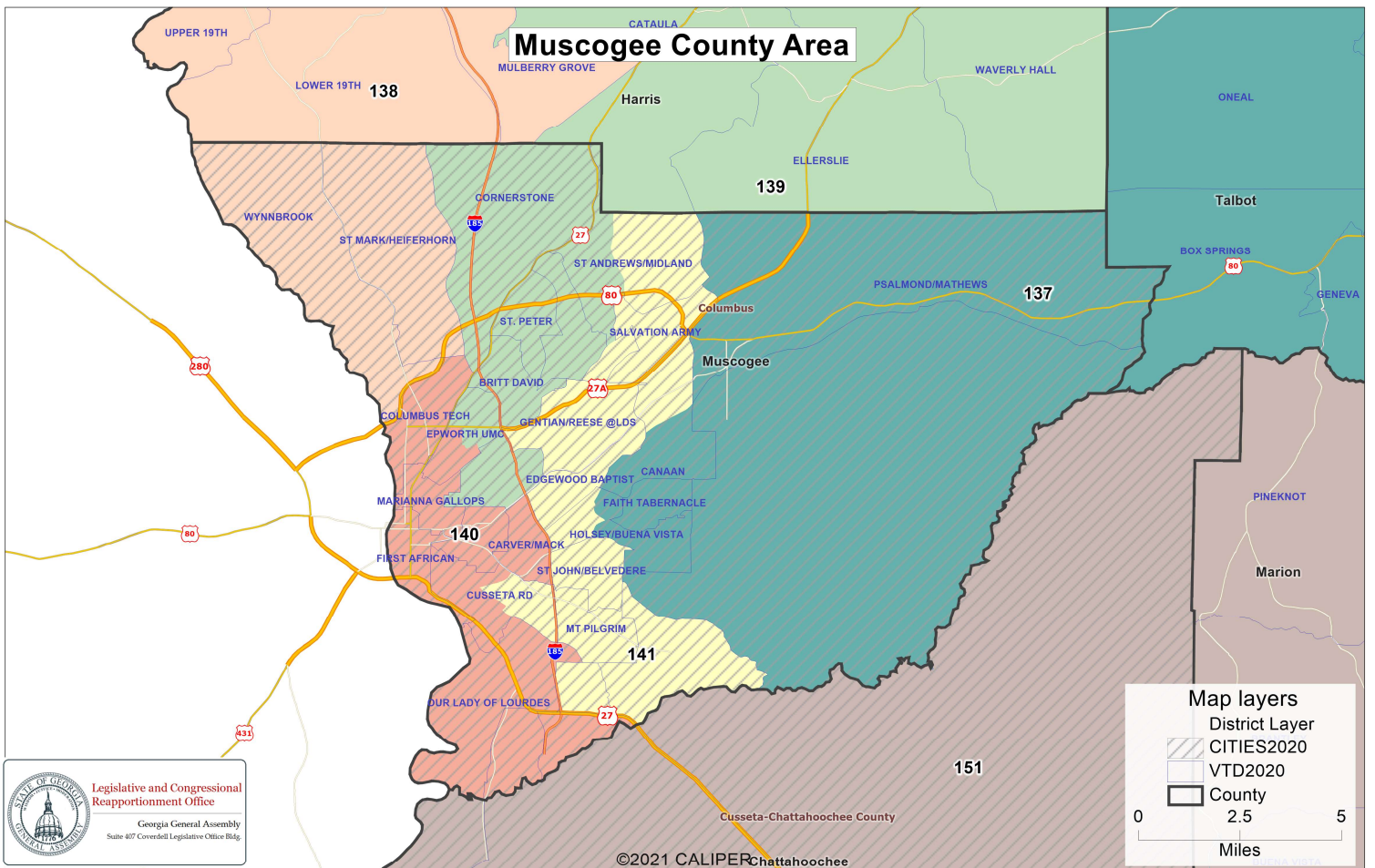
# Proposed Georgia House Districts

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





## Bibb County Area



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



## Population Summary

House-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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

House-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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

House-prop1-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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

House-prop1-2021

District	Population	Deviation	% Devn.	[18+ _Pop]	[% 18+ _Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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

House-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	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

House-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]
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

House-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]
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%

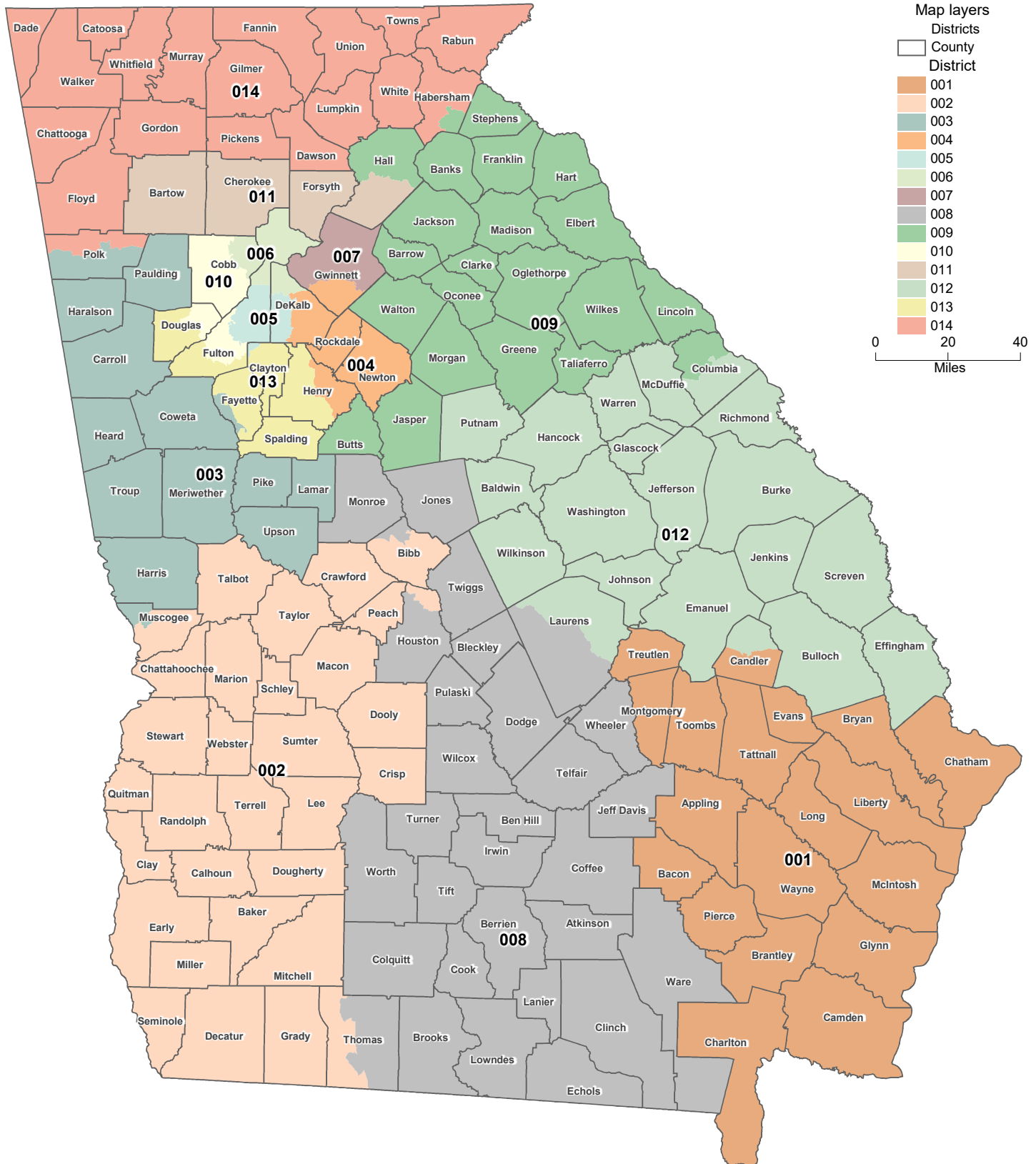
## Population Summary

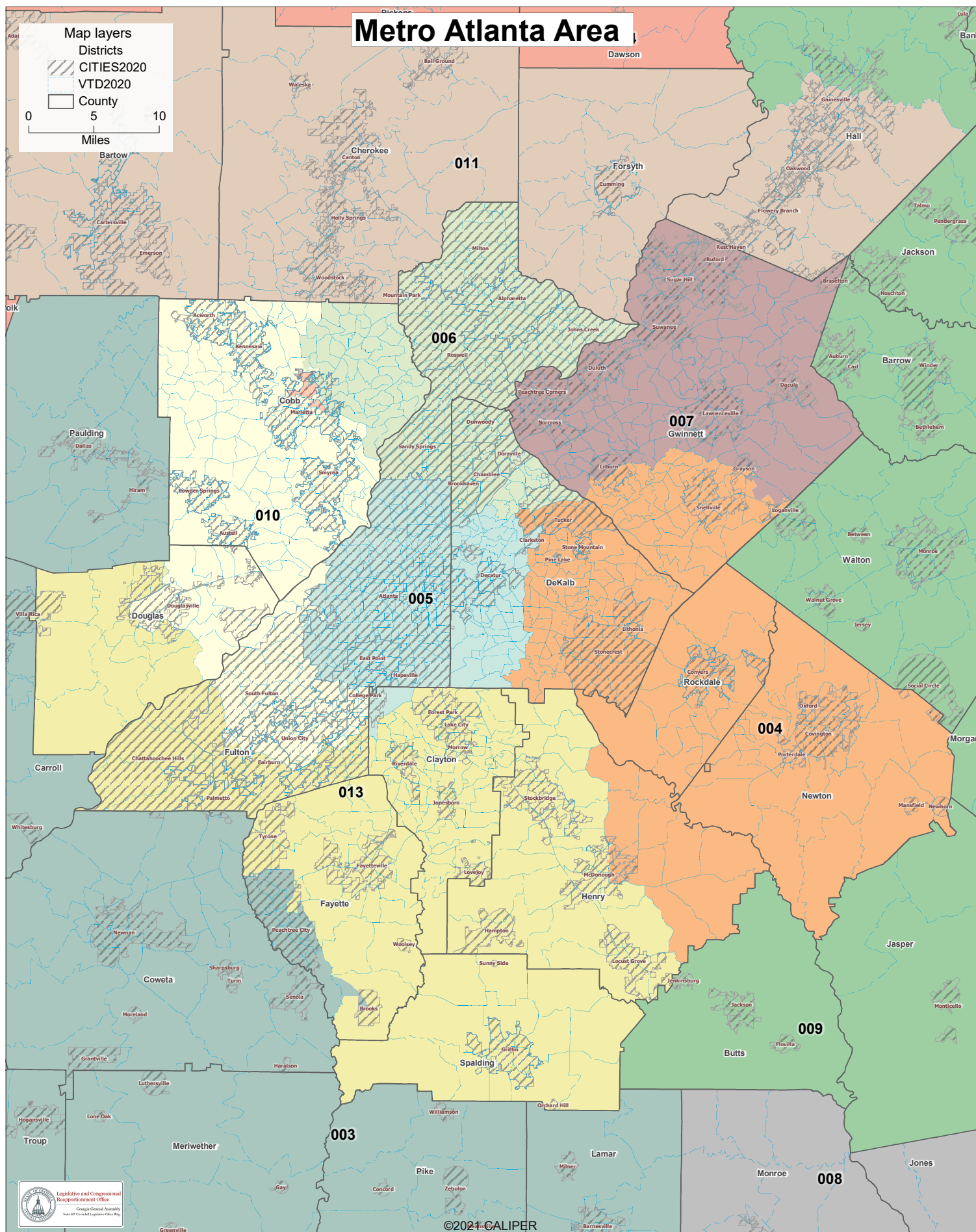
House-prop1-2021

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]
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





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_Blkl]	[% 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%

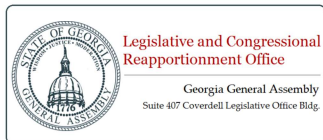
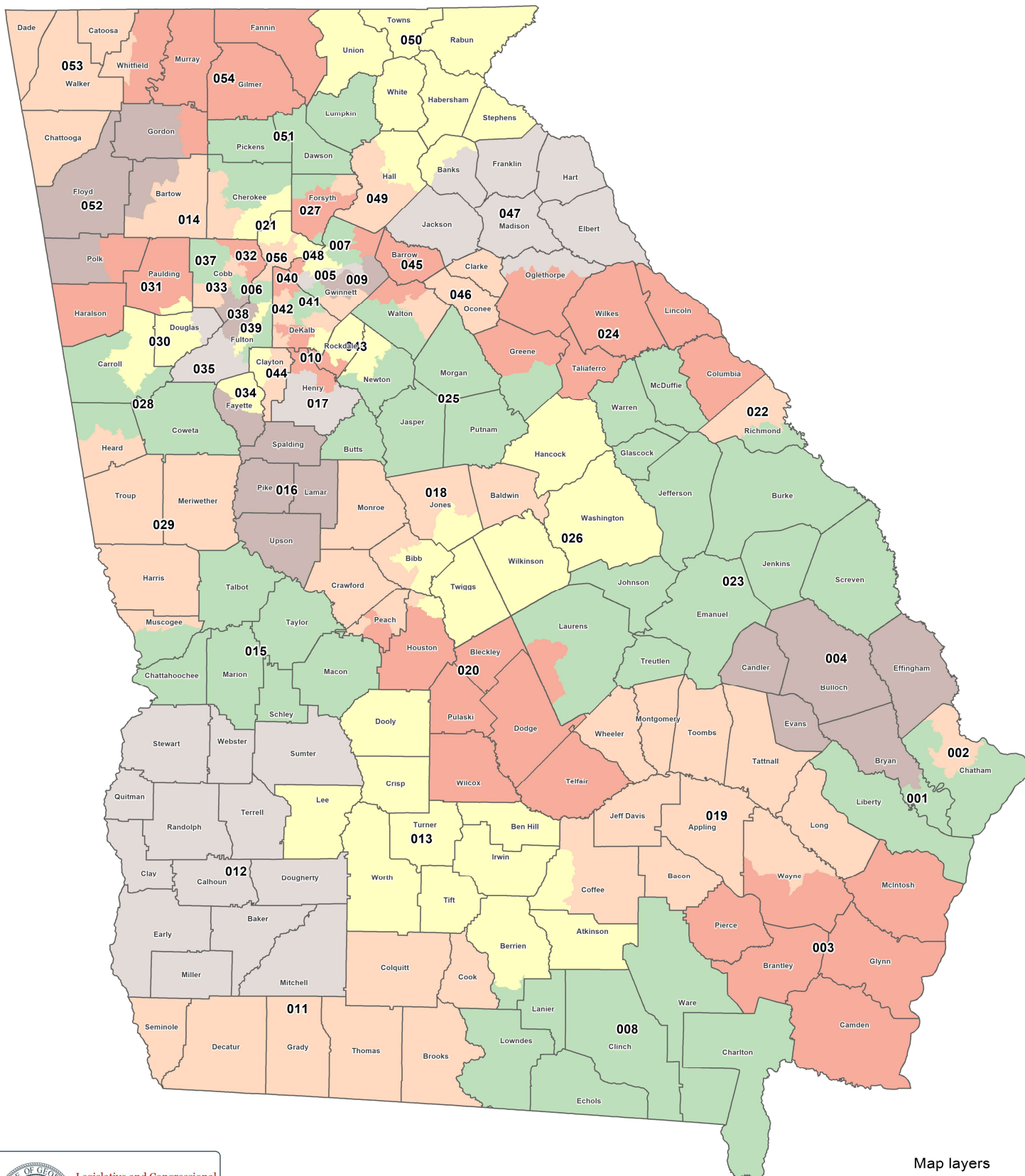
**Total: 10,711,908****Ideal District: 765,136**



# EXHIBIT 13

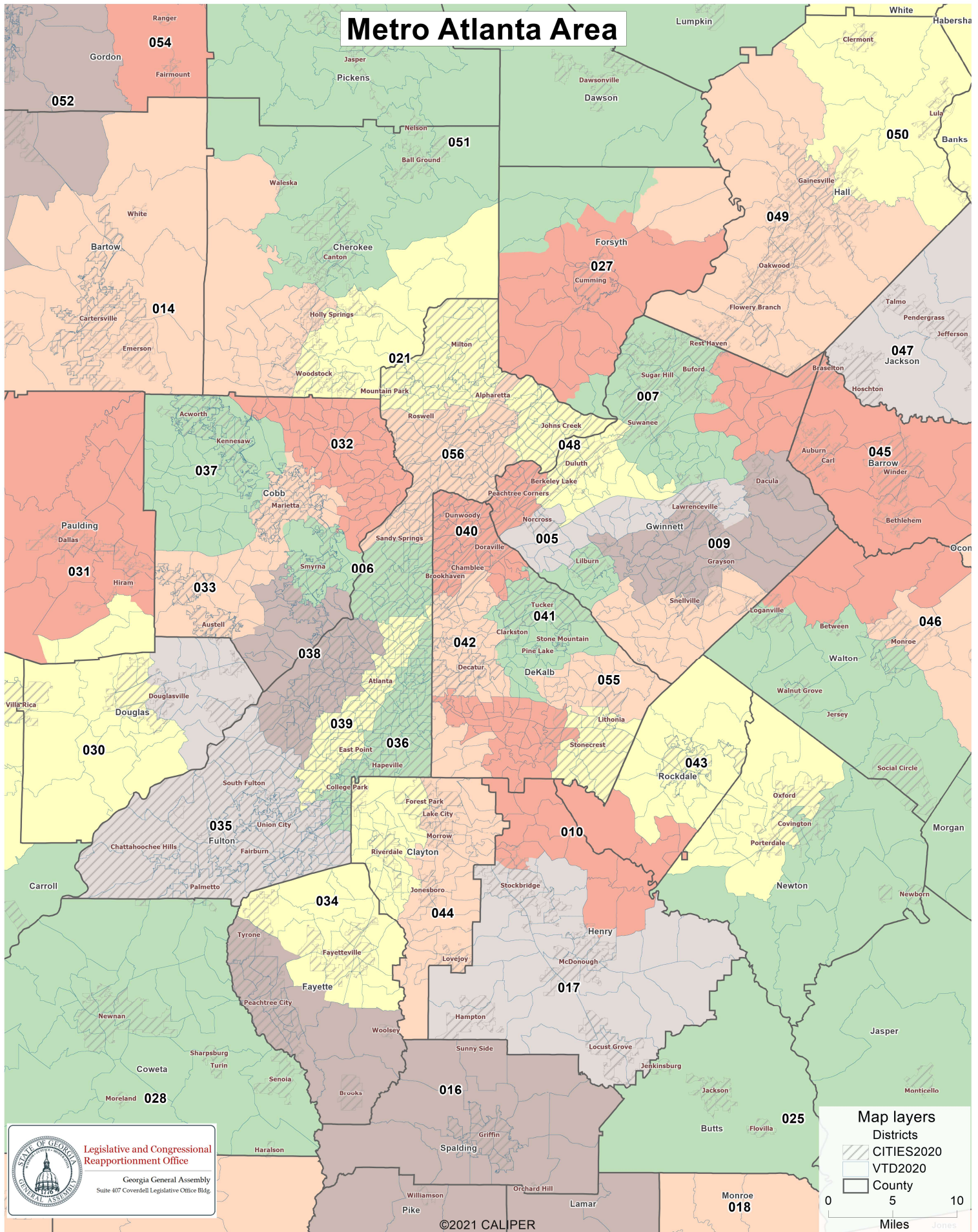
# Draft- Georgia Senate Districts

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



# 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_Blkl]	[% 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

GSDC-SenatePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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%



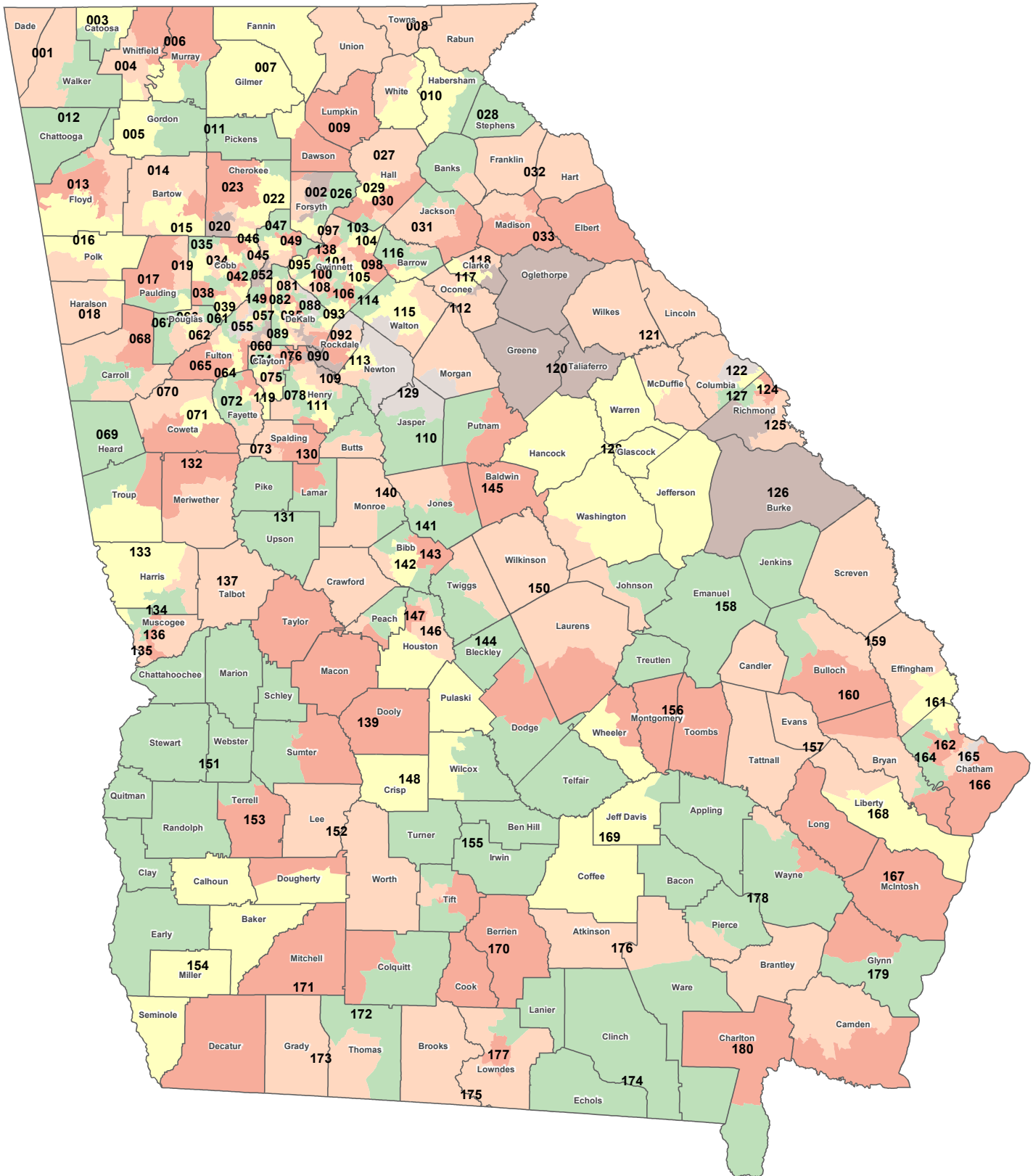
## Population Summary

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%

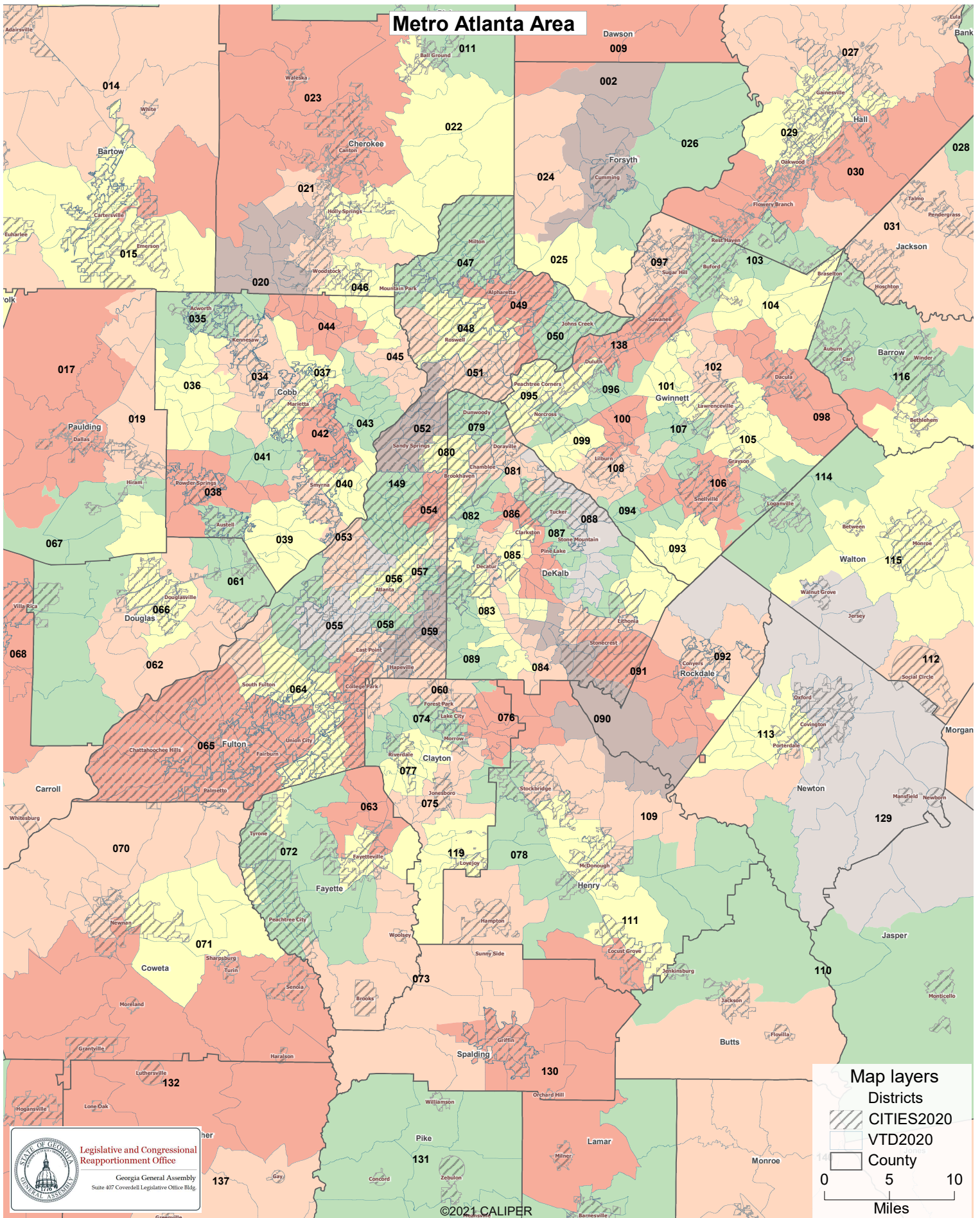
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# EXHIBIT 14

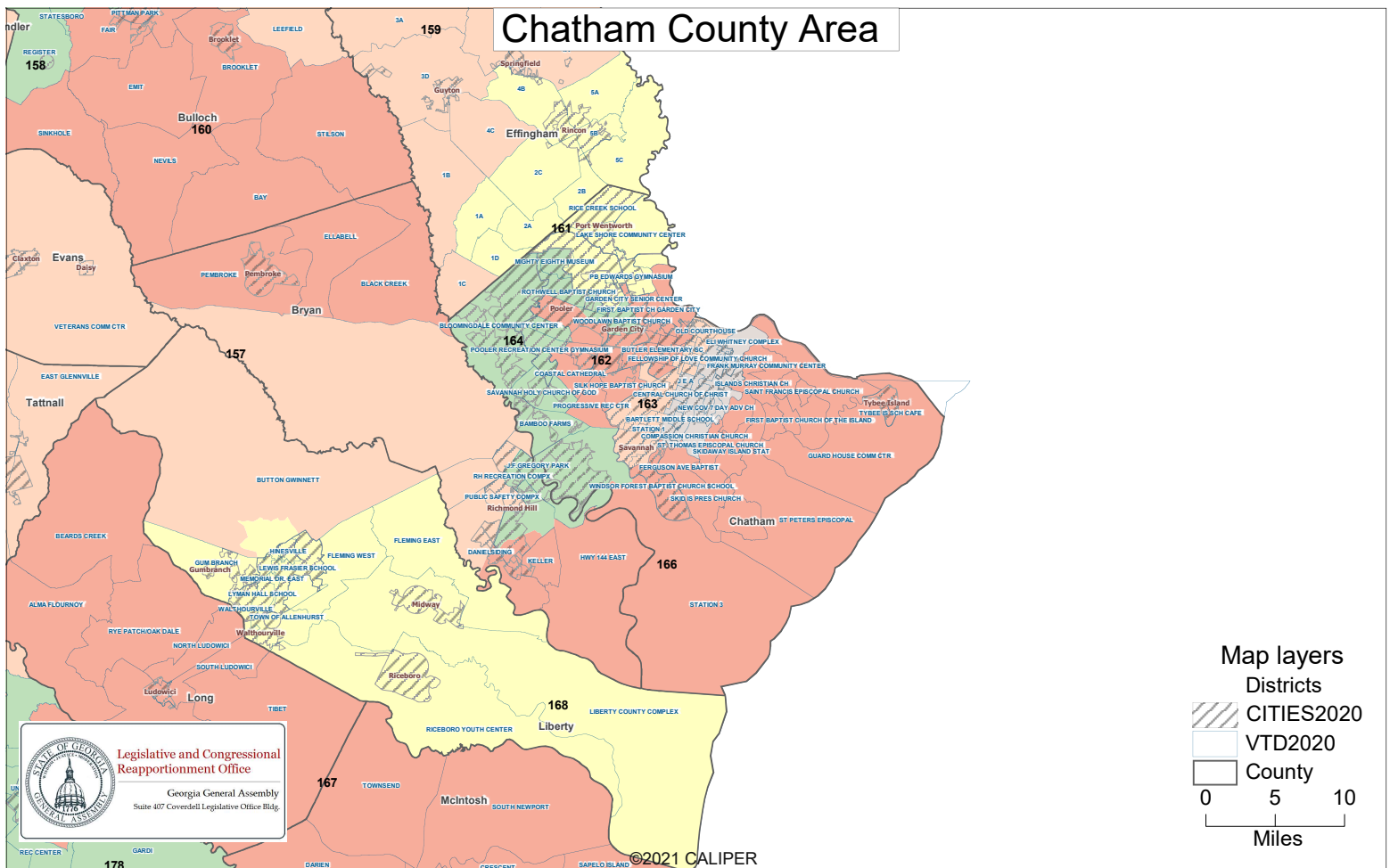
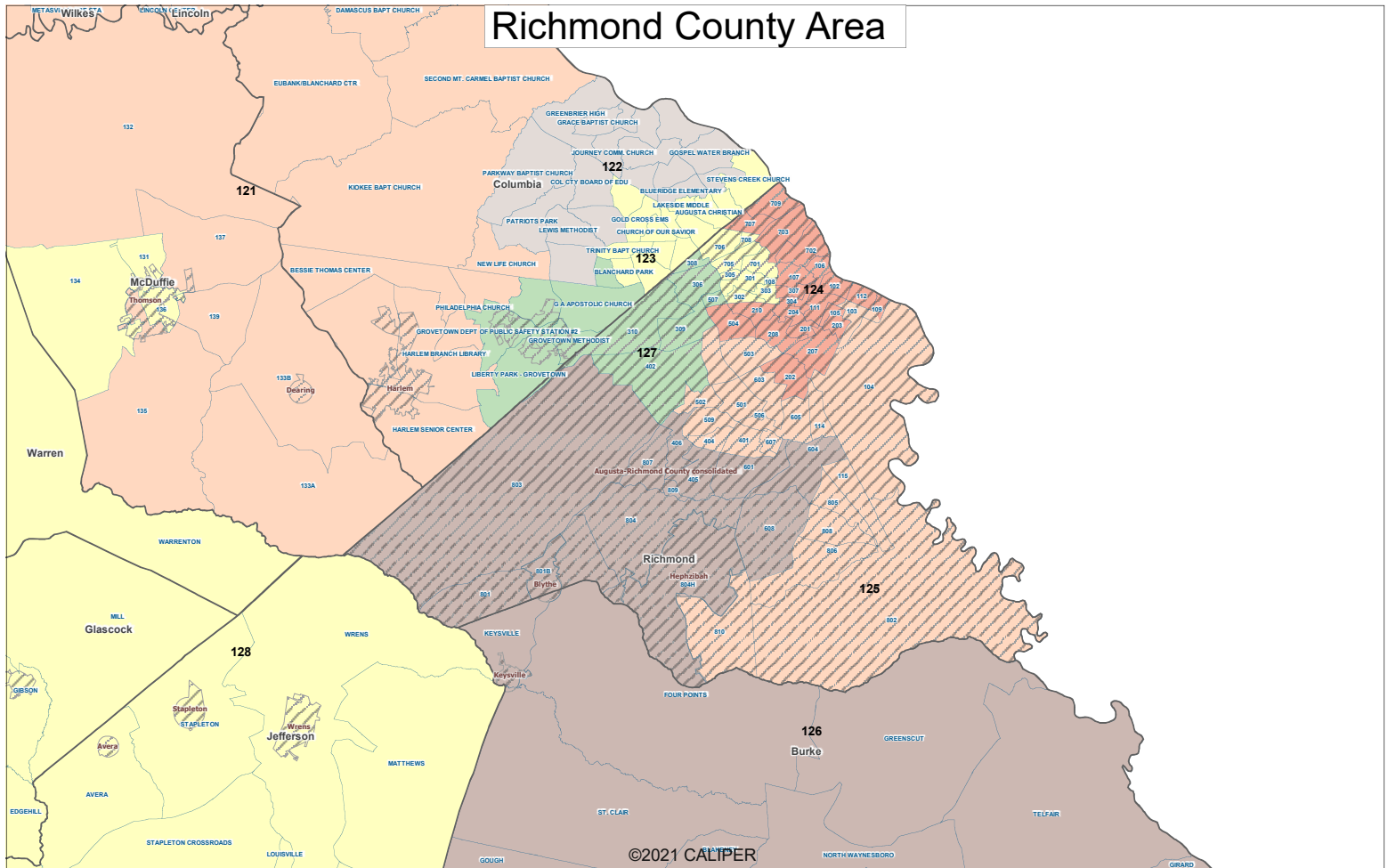
**Draft- Georgia House Districts**

## Draft- Georgia House Districts

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





**Draft- Georgia House Districts**Client: H143  
Plan: GHDC-HousePlan-2021  
Type: HouseLegislative and Congressional  
Reapportionment OfficeGeorgia General Assembly  
Suite 407 Coverdell Legislative Office Bldg.

Map layers

Districts

CITIES2020

VTD2020

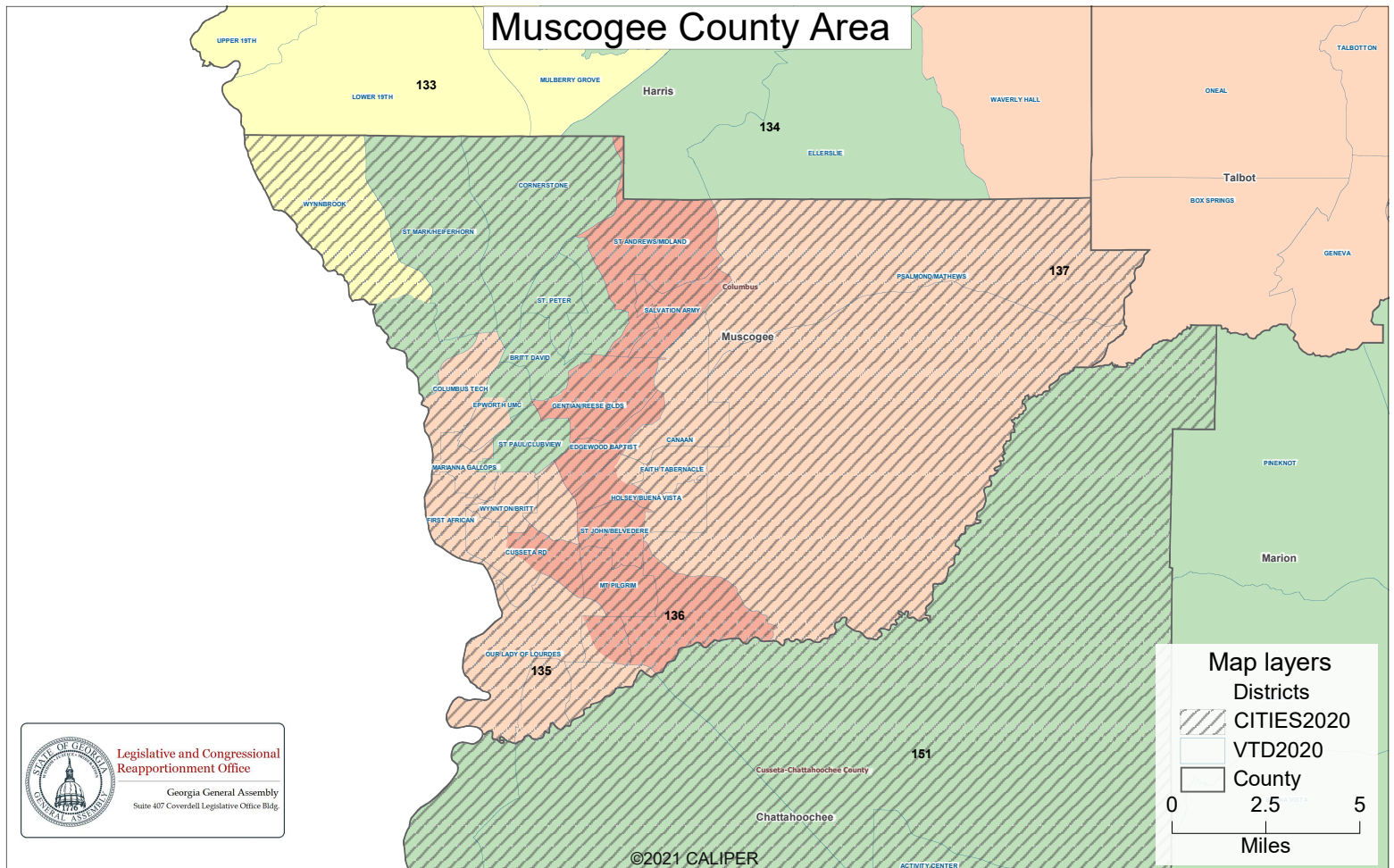
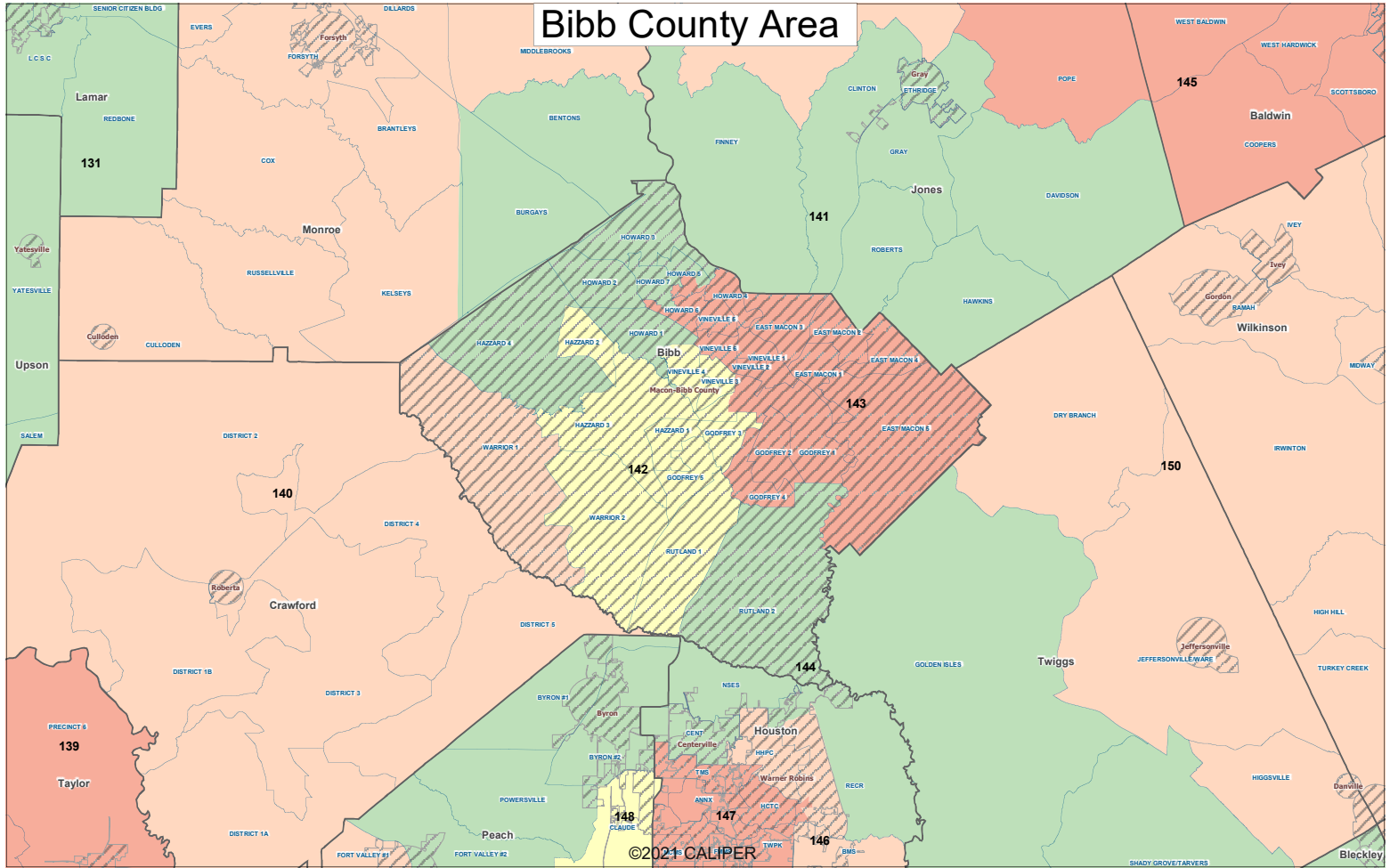
County

0 5 10

Miles

# Draft- Georgia House Districts

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



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

**Map layers**

- Districts
- CITIES2020
- VTD2020
- County

0 2.5 5  
Miles

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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_Blkl]	[% 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

GHDC-HousePlan-2021

District	Population	Deviation	% Devn.	[18+ _Pop]	[% 18+ _Pop]	[% NH_Wht]	[% NH_Blkl]	[% 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_Blkl]	[% 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_Blkl]	[% 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_Blkl]	[% 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+ + 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

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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

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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

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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

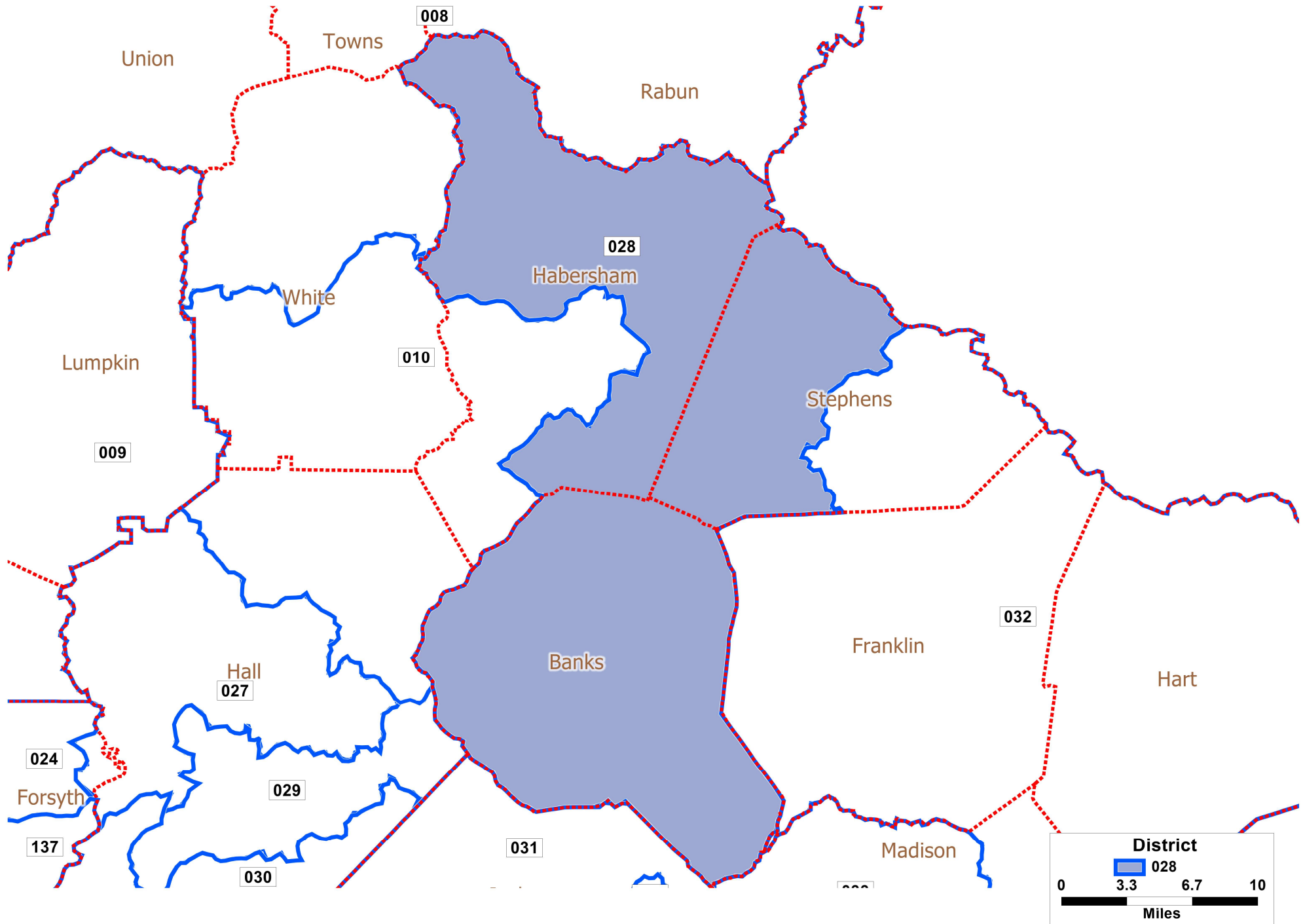
District	Population	Deviation	% Devn.	[18+ _Pop]	[% 18+ _Pop]	[% NH18+ _Wht]	[% NH18+ _Blk]	[% H18+ _Pop]	[% NH18+ _Ind]	[% NH18+ _Asn]	[% NH18+ _Hwn]	[% NH18+ _Oth]	[% NH18+ 2 + Races]
158	60,024	513	0.86%	46,915	78.16%	60.34%	33.87%	2.95%	0.2%	0.58%	0.04%	0.19%	1.84%
159	59,374	-137	-0.23%	44,636	75.18%	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

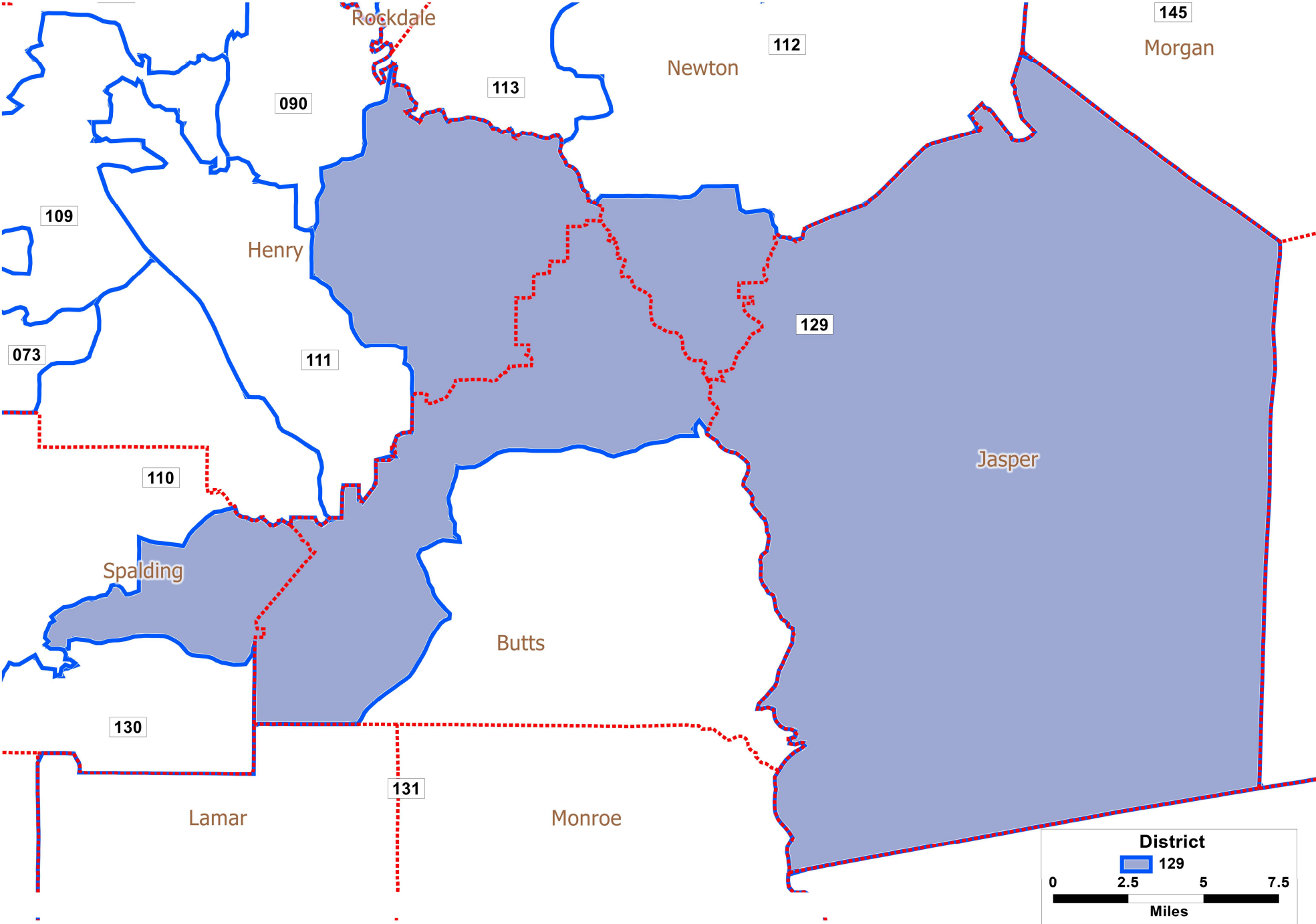


Cooper House Illustrative 2 - 028



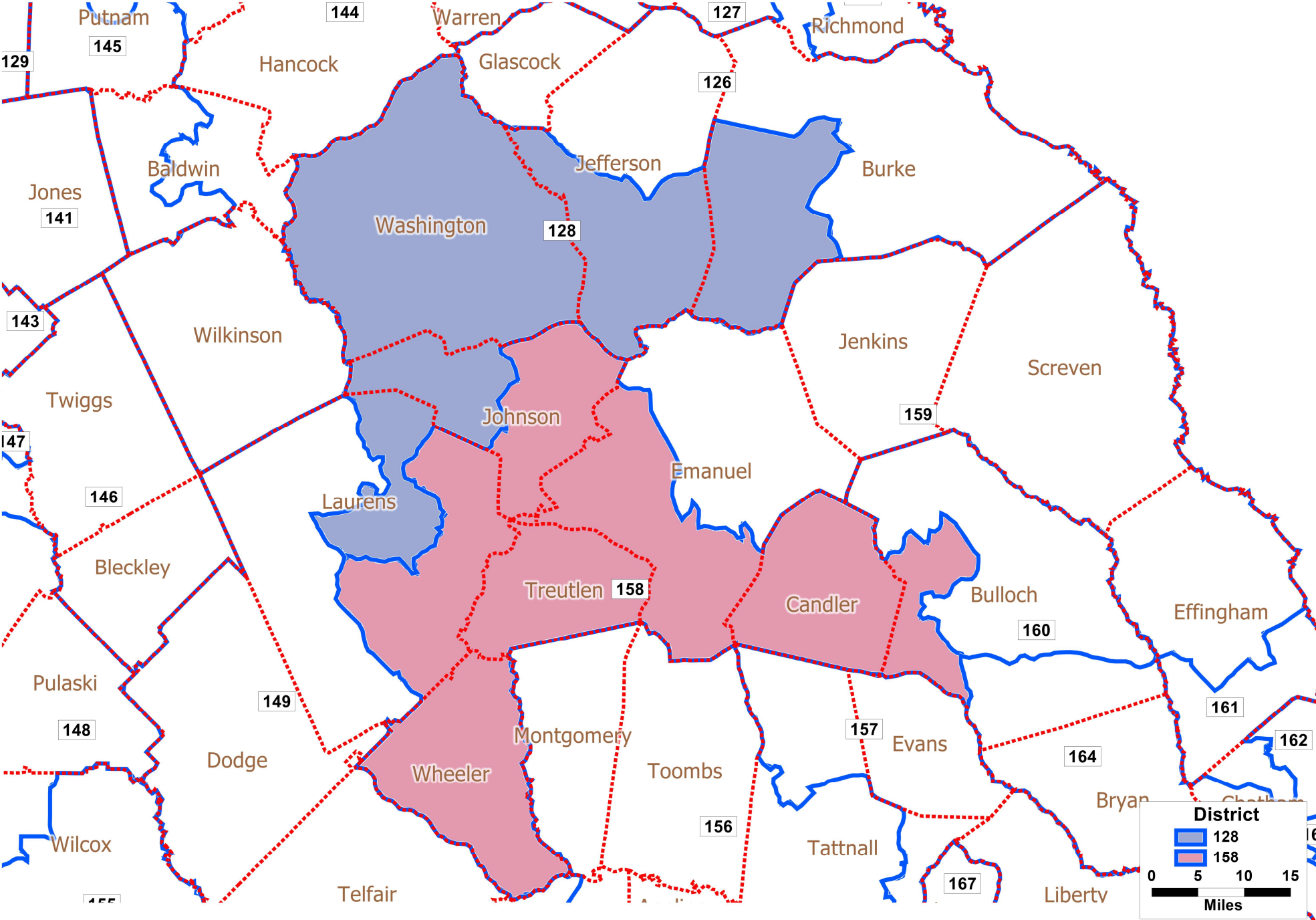
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Cooper House Illustrative 2 - 129



# EXHIBIT 17

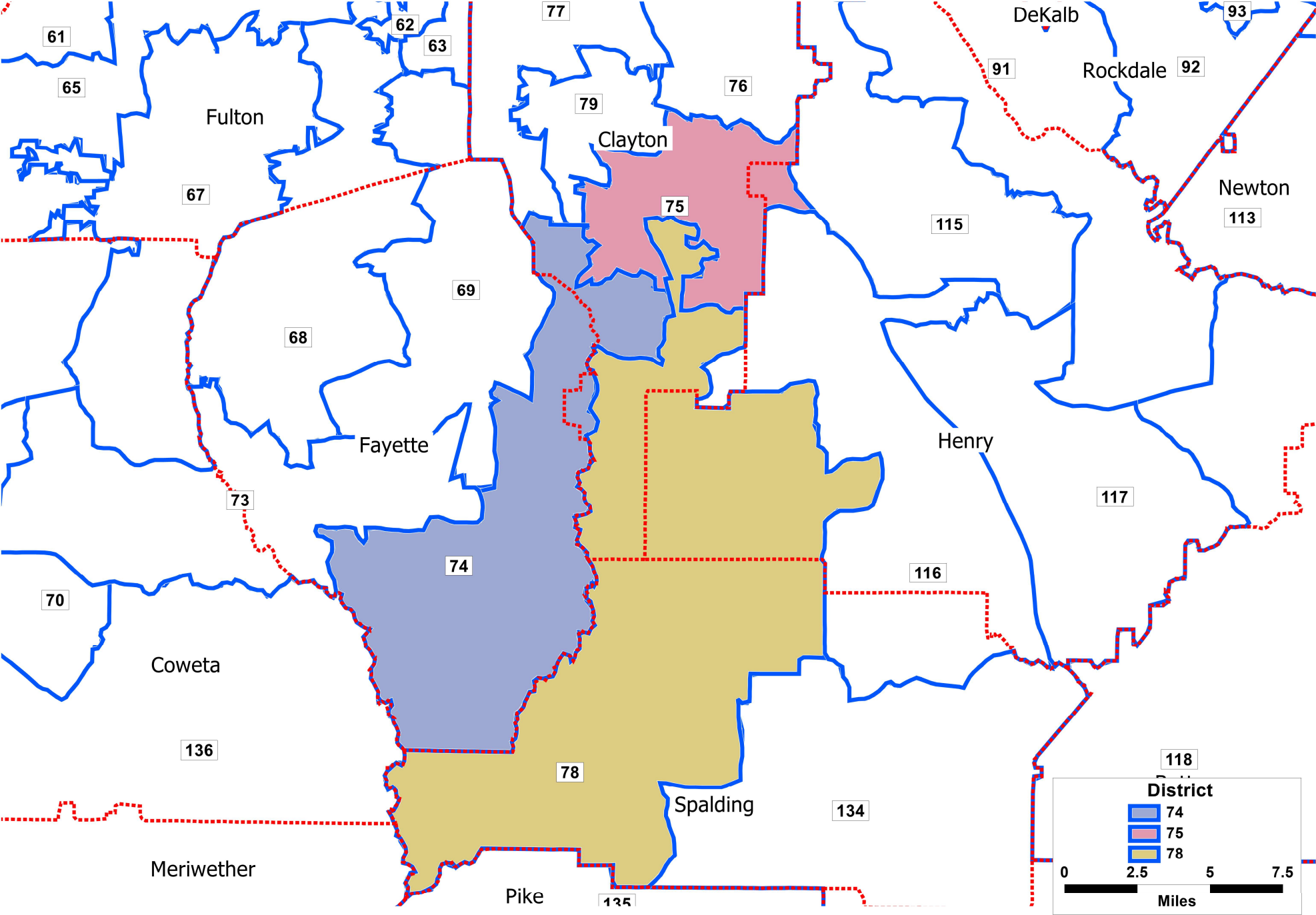
Cooper House Illustrative 2 - 128 & 158



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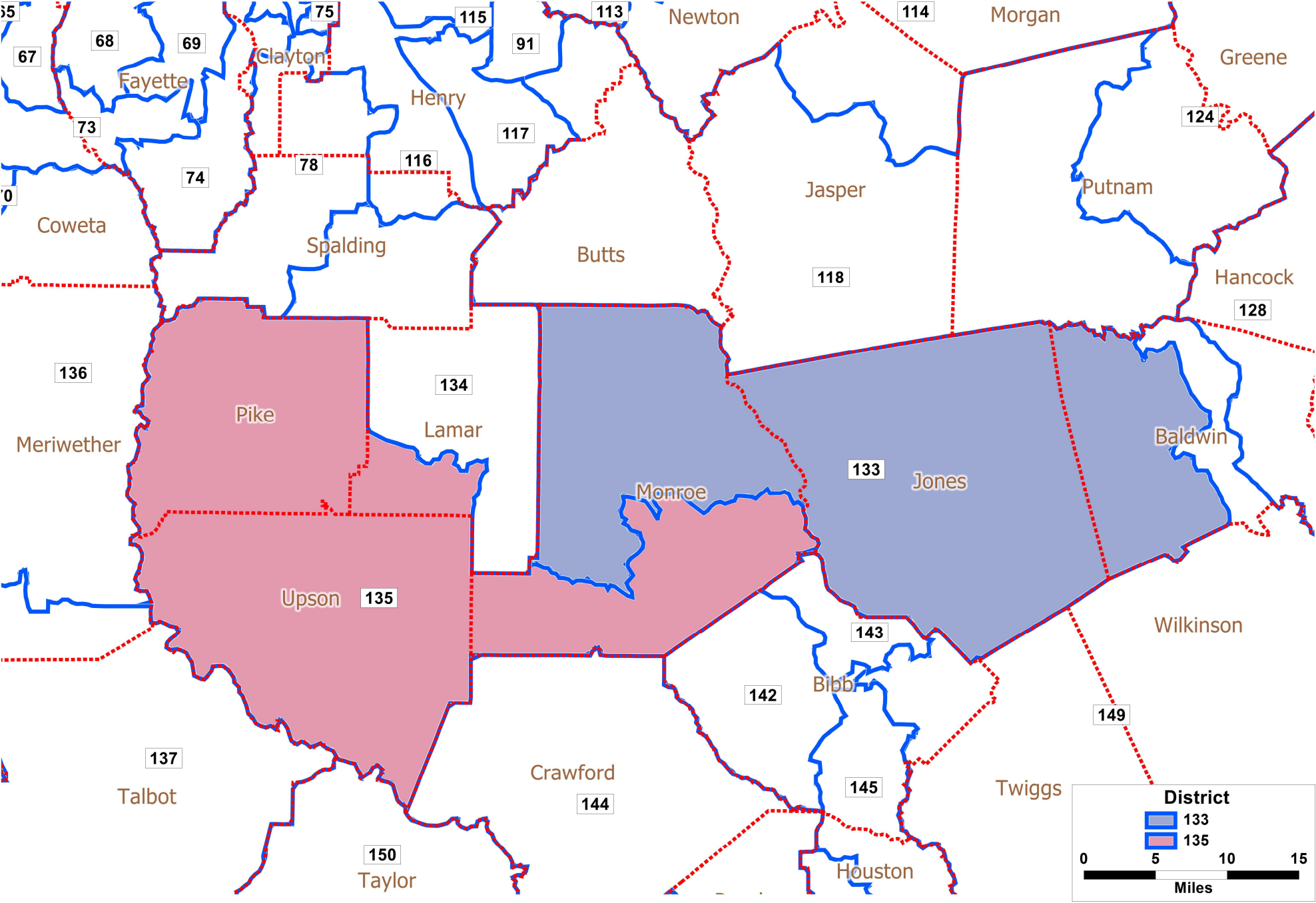


Esselstyn House Remedial - (74 / 75 / 78)



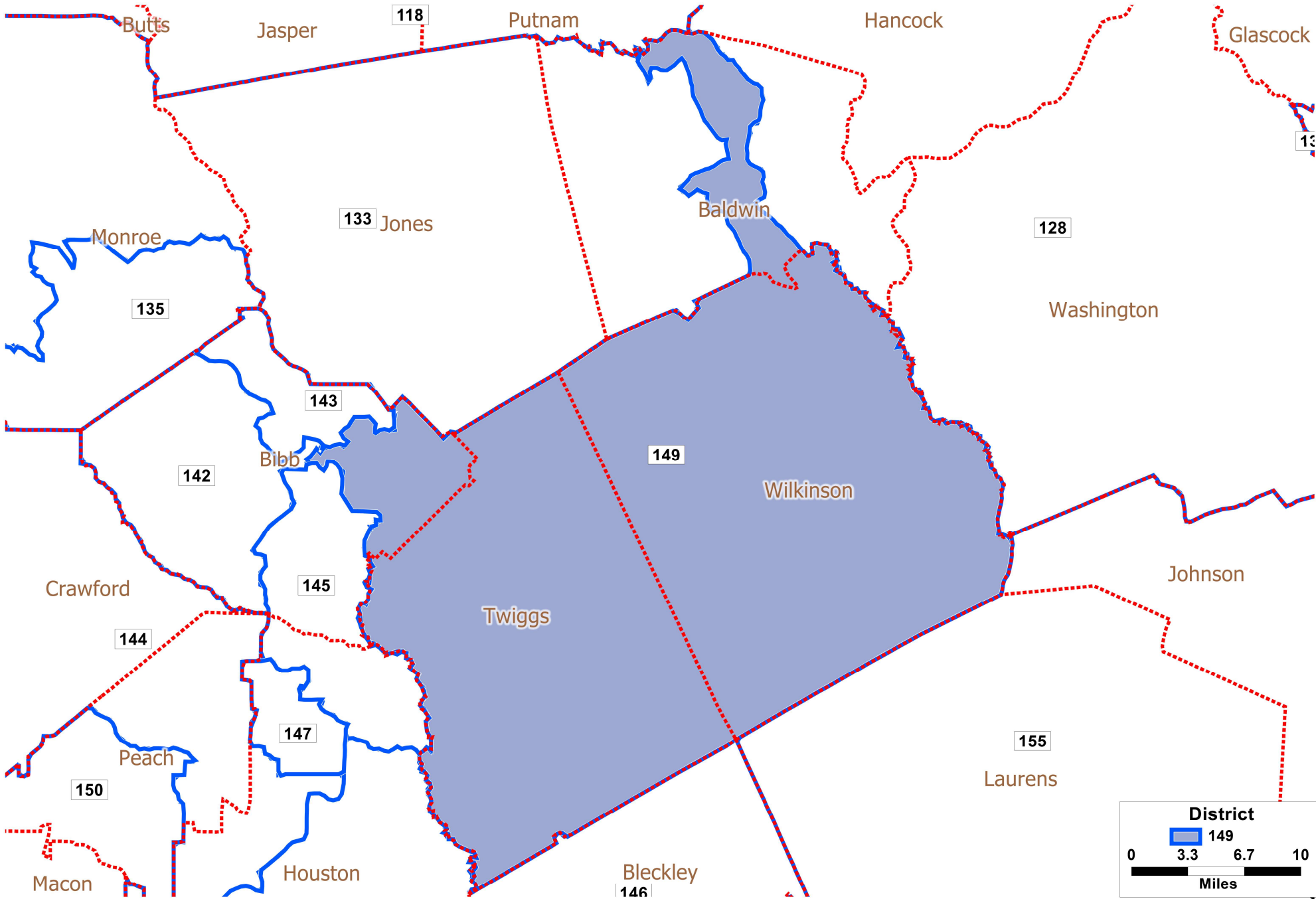
# EXHIBIT 19

Esselstyn House Remedial - 133 & 135



# EXHIBIT 20

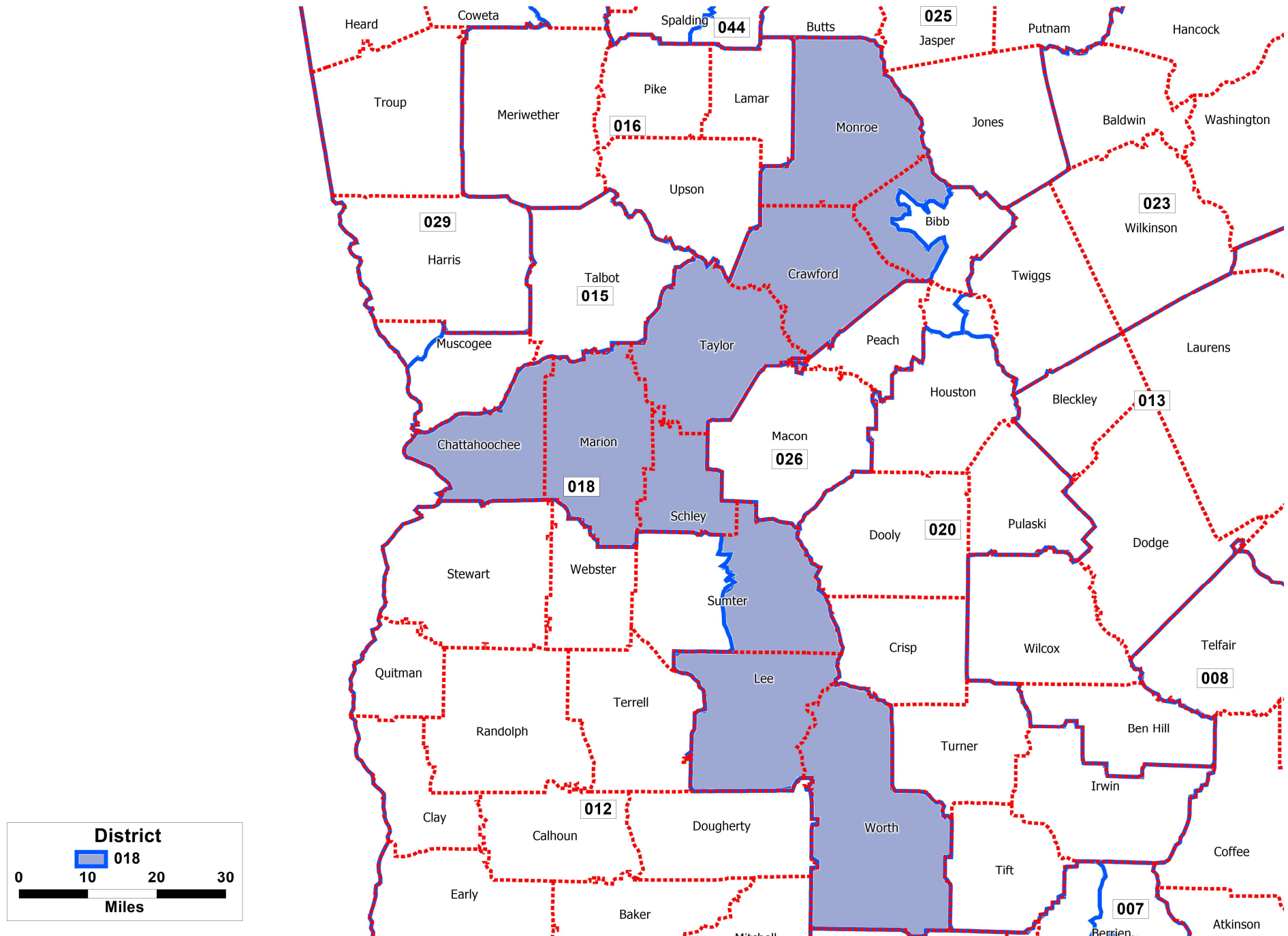
Esselstyn House Remedial - 149



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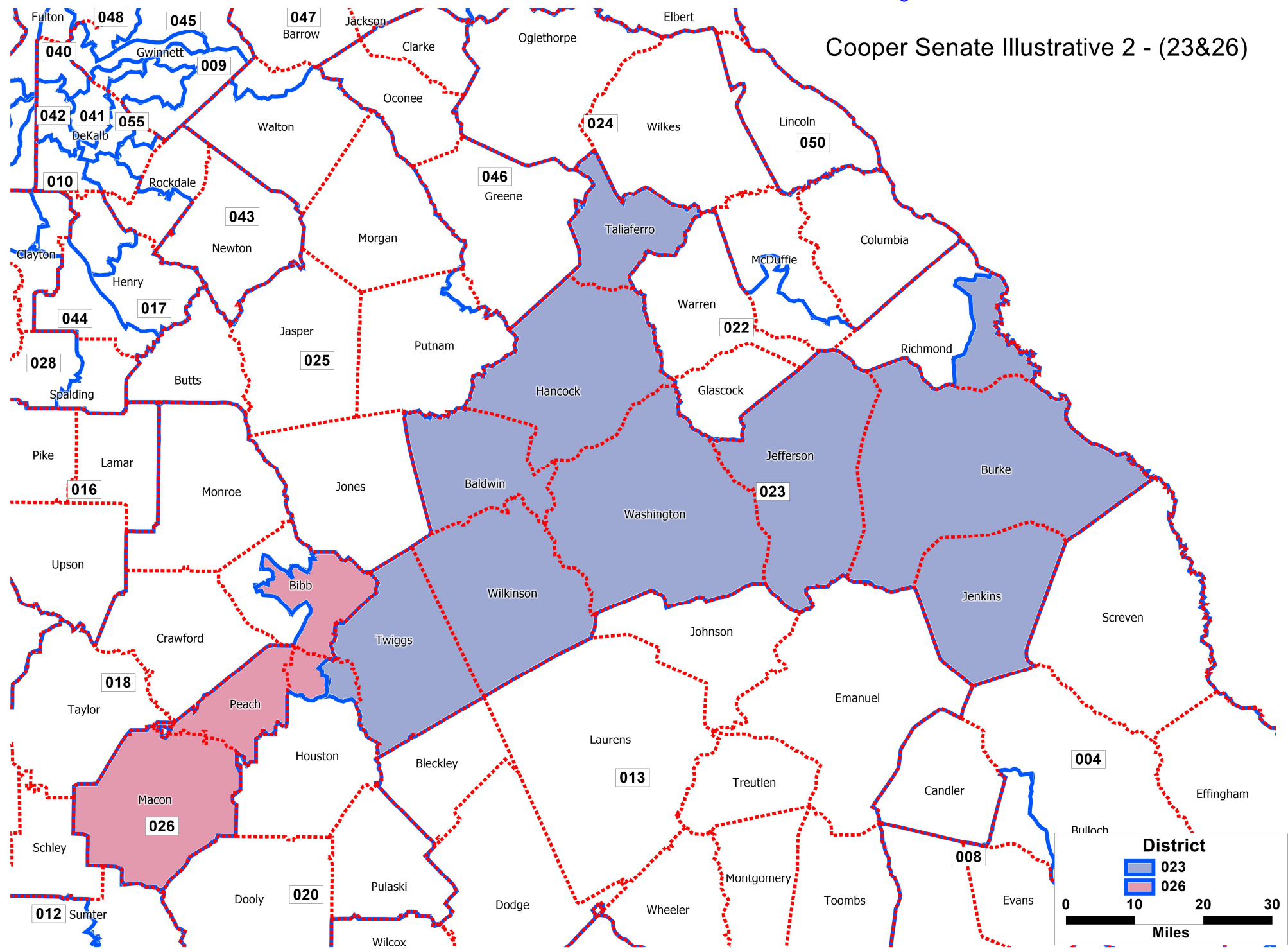


## Cooper Senate Illustrative 2 - (18)

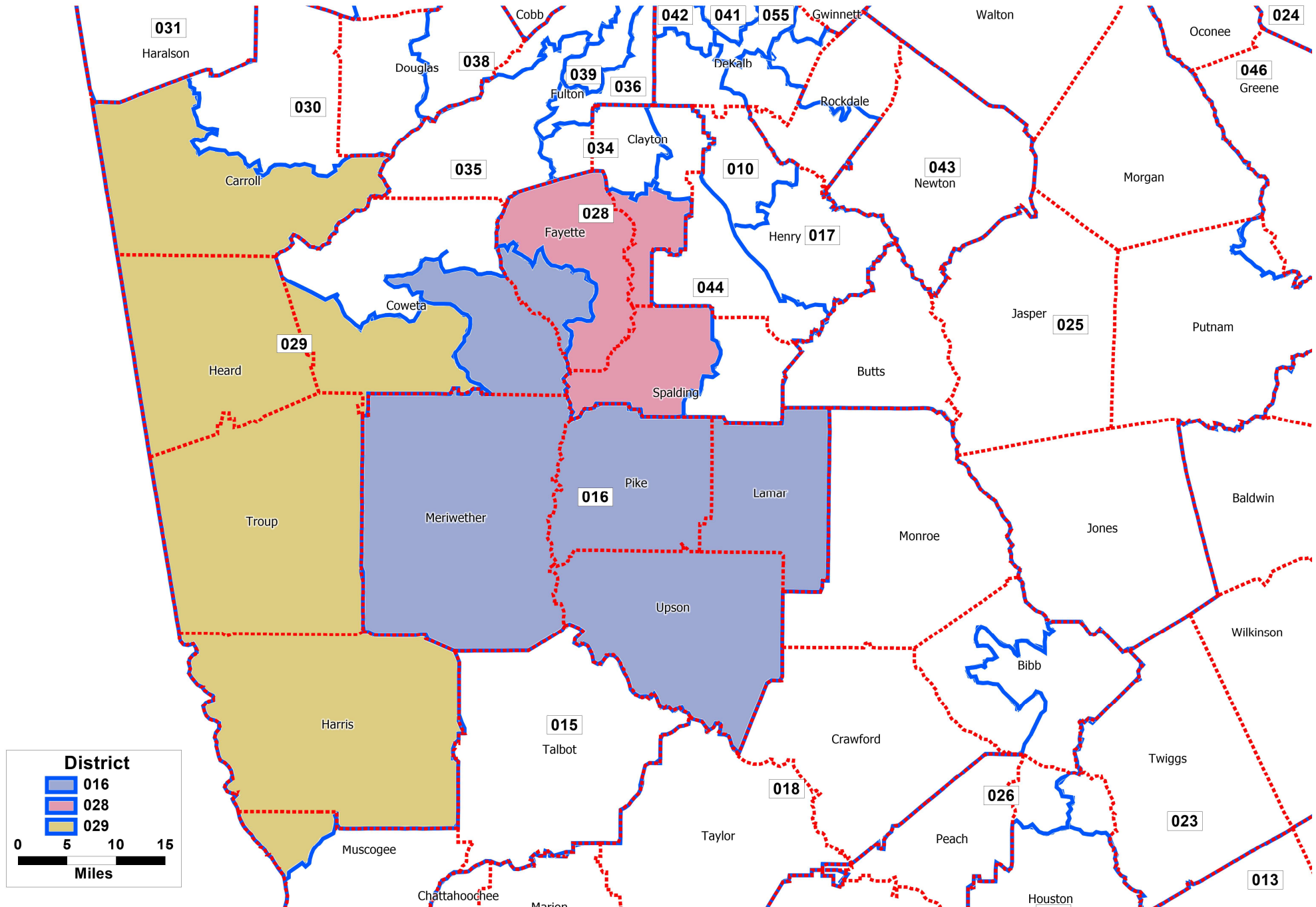


# EXHIBIT 22

Cooper Senate Illustrative 2 - (23&26)



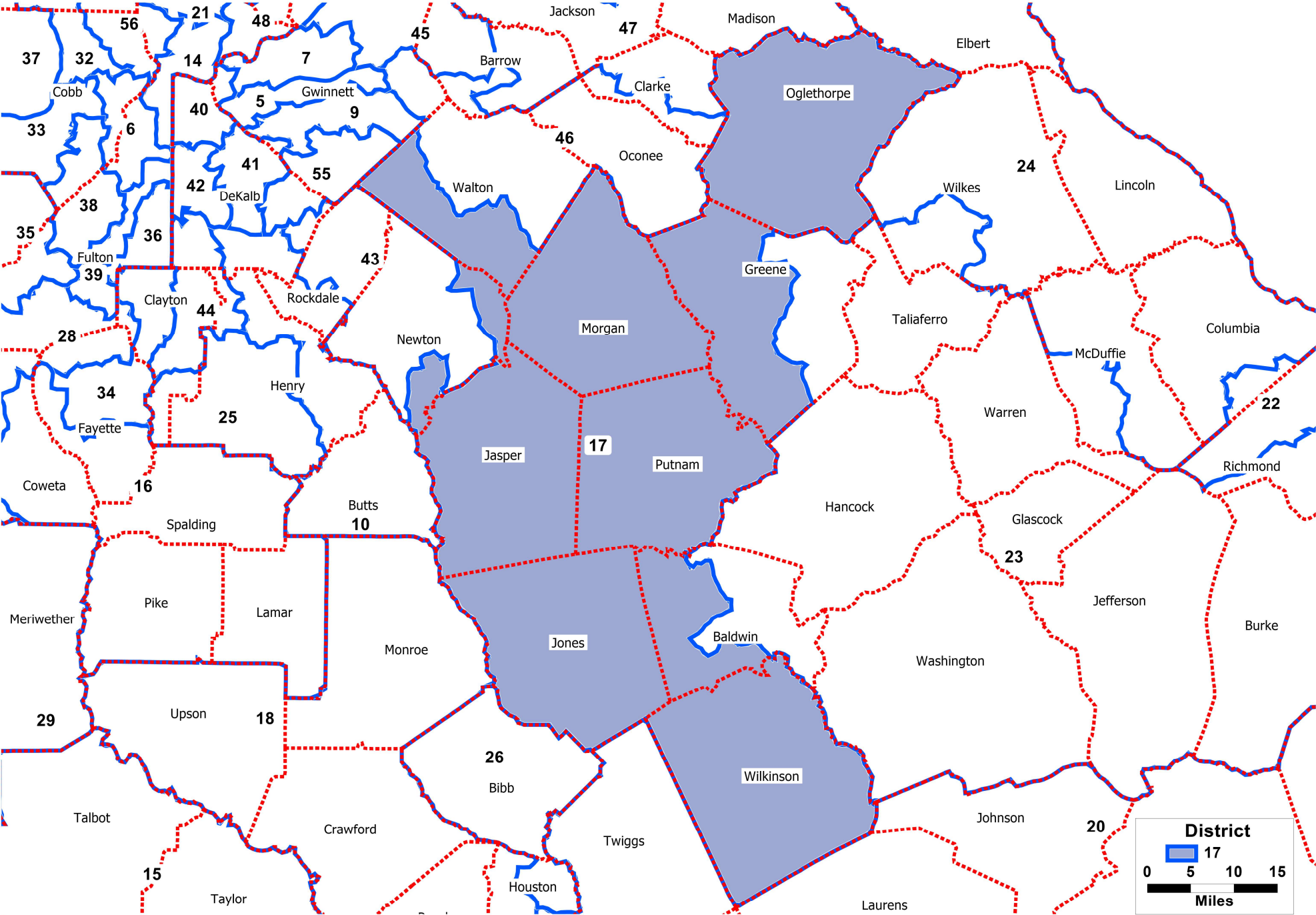
# EXHIBIT 23



# EXHIBIT 24

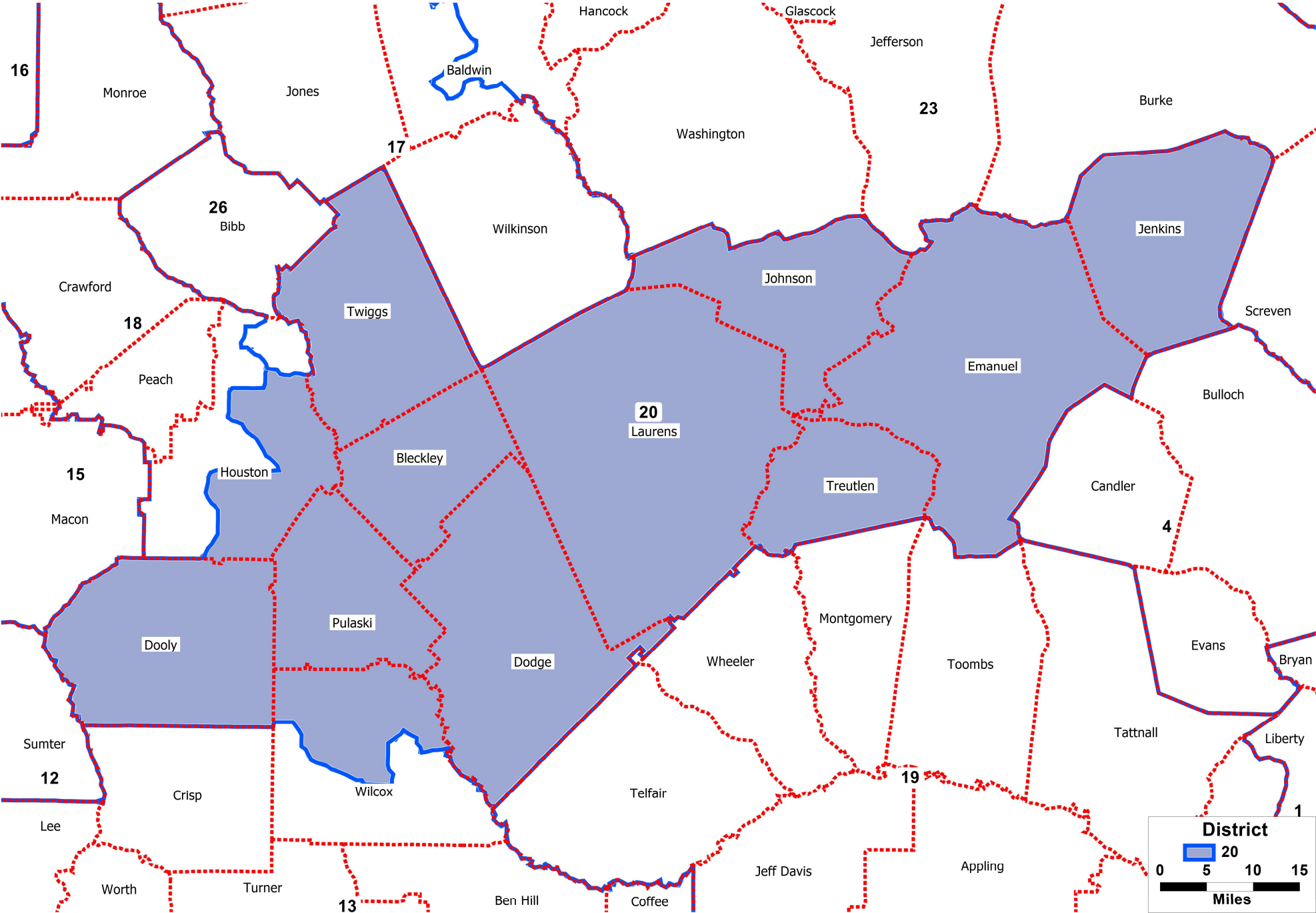


Esselstyn Senate Remedial - 17



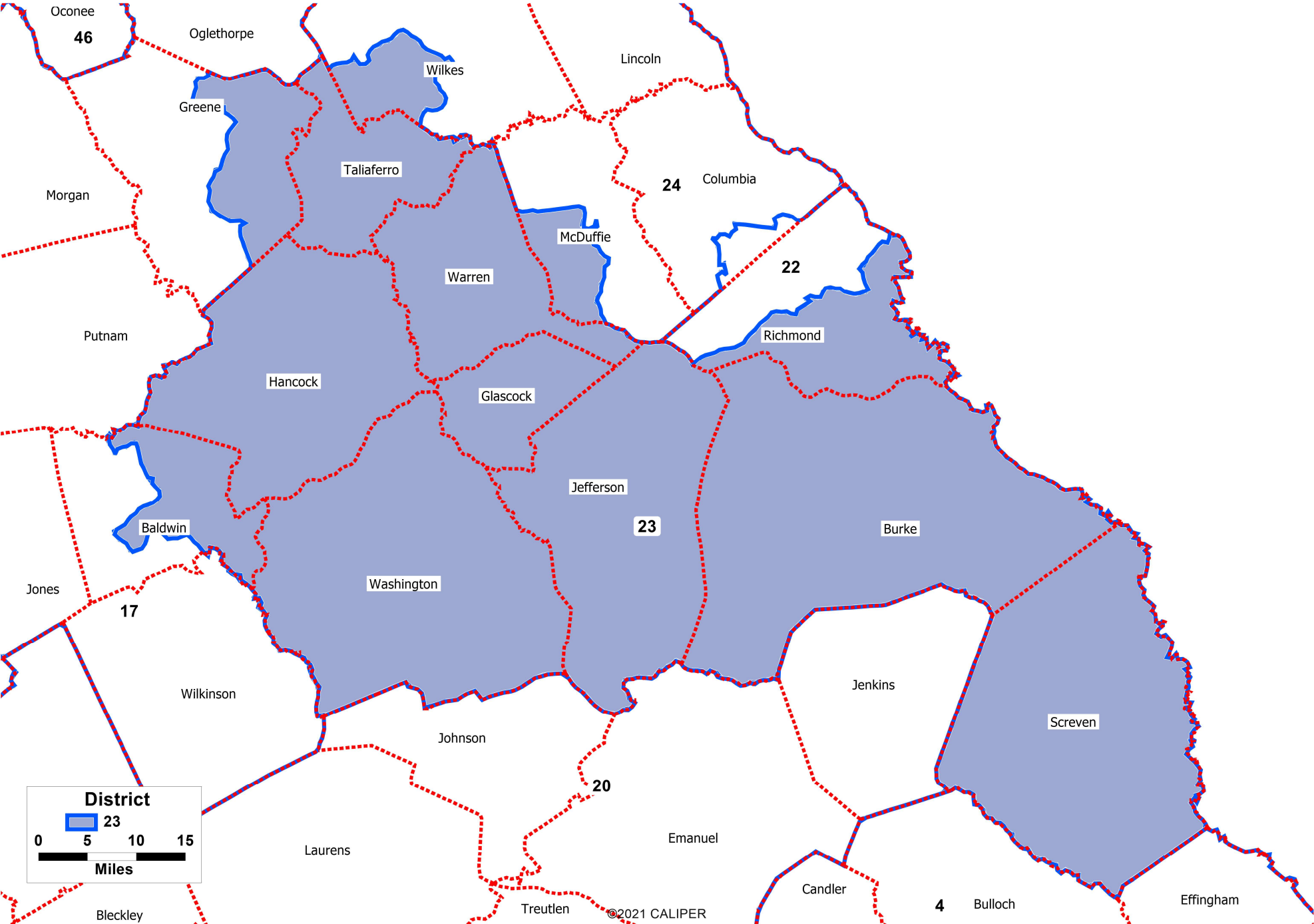
# EXHIBIT 25

Esselstyn Senate Remedial - 20



# EXHIBIT 26

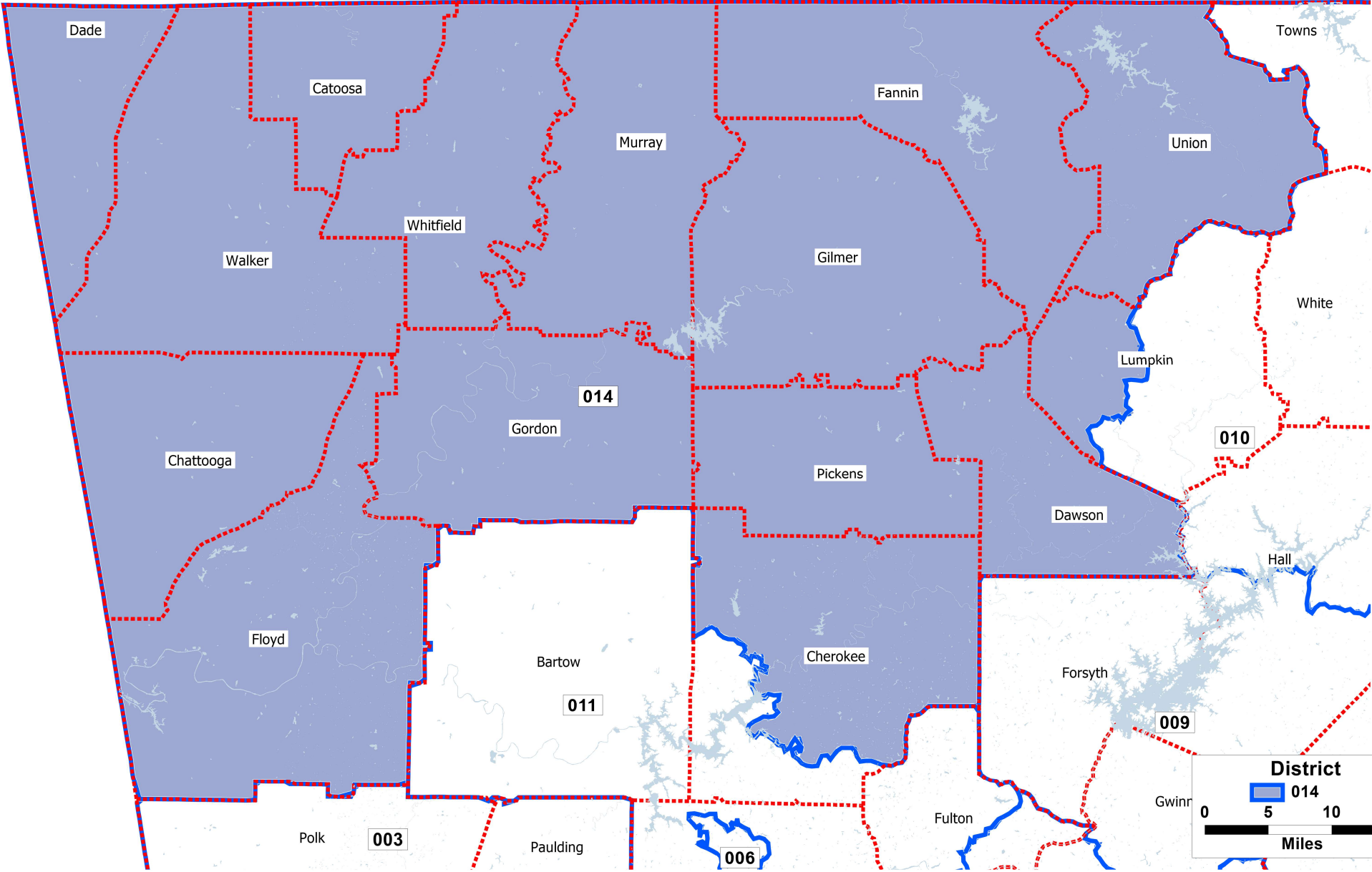
Esselstyn Senate Remedial - 23



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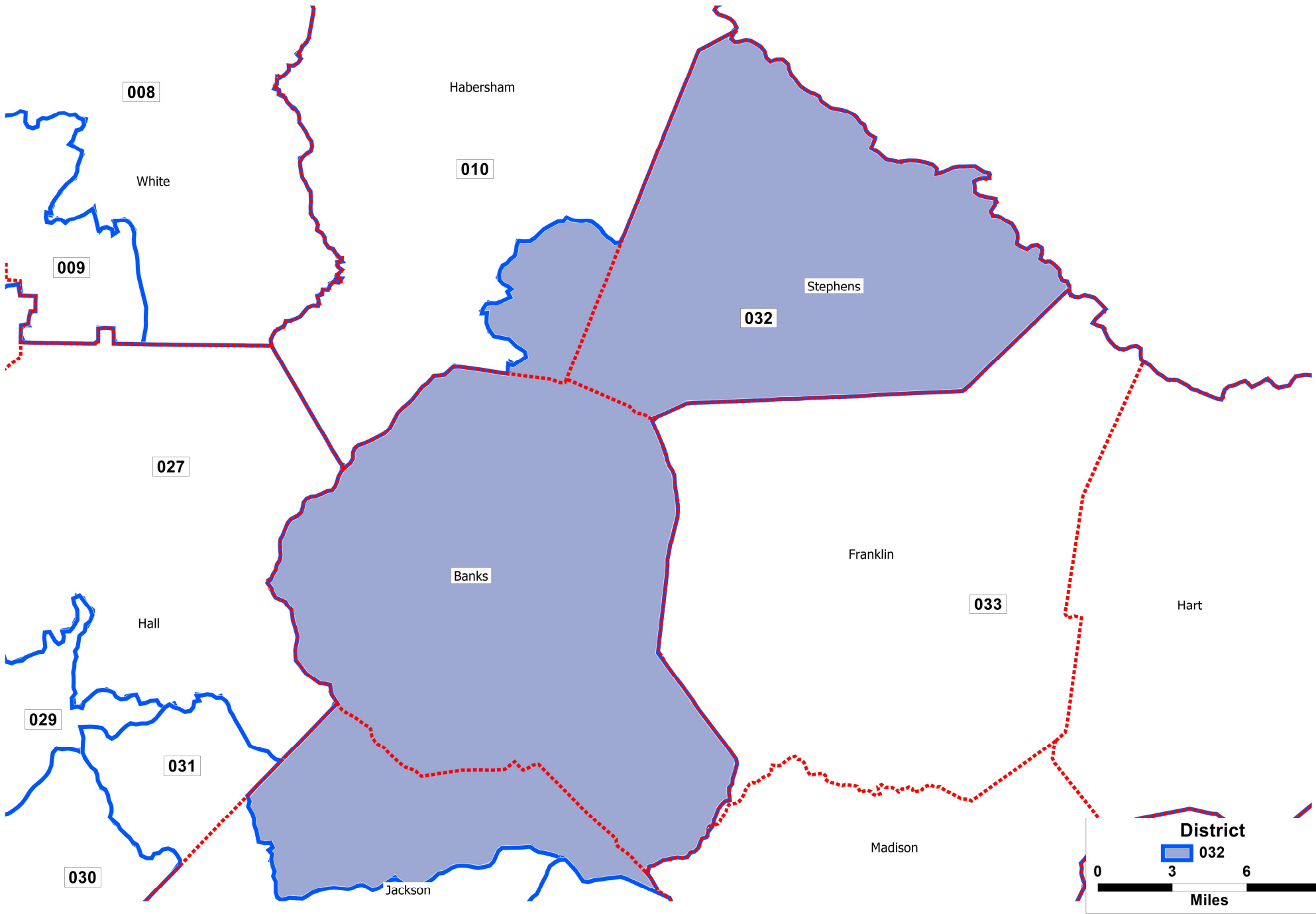


Cooper Remedial Congress - 14



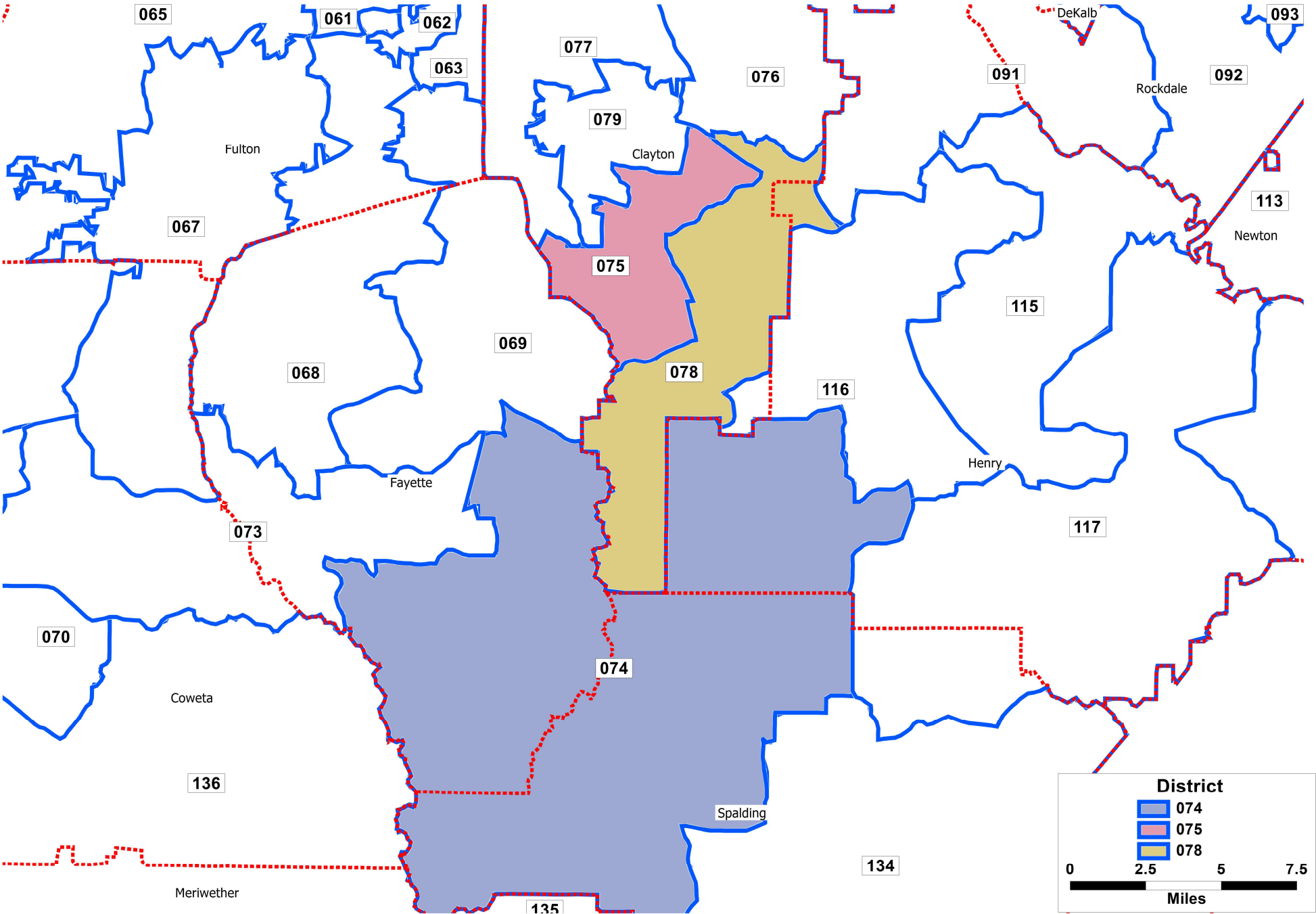
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Adopted 2021 House - 32



# EXHIBIT 29

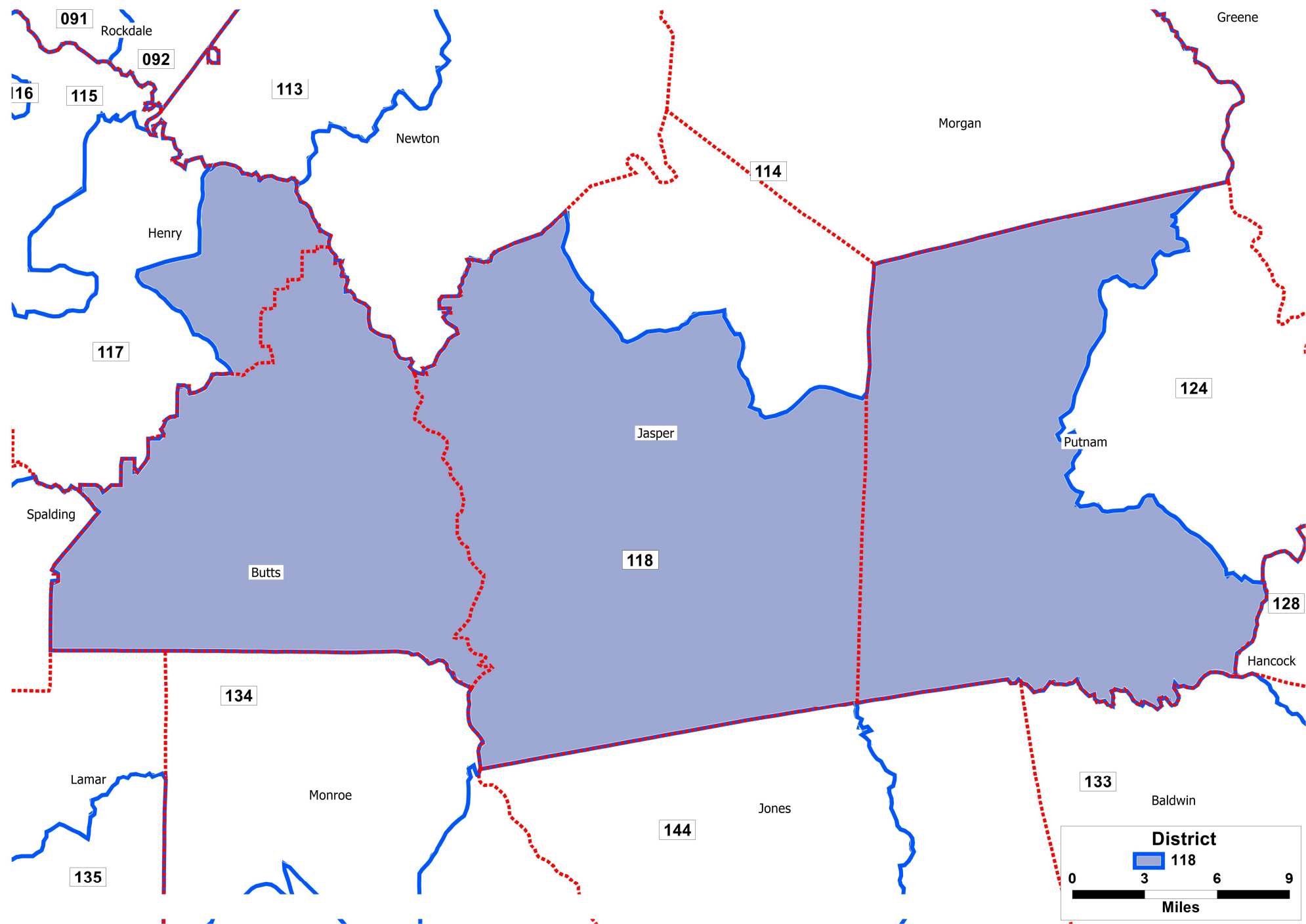
Adopted 2021 House - (74 / 75 / 78)



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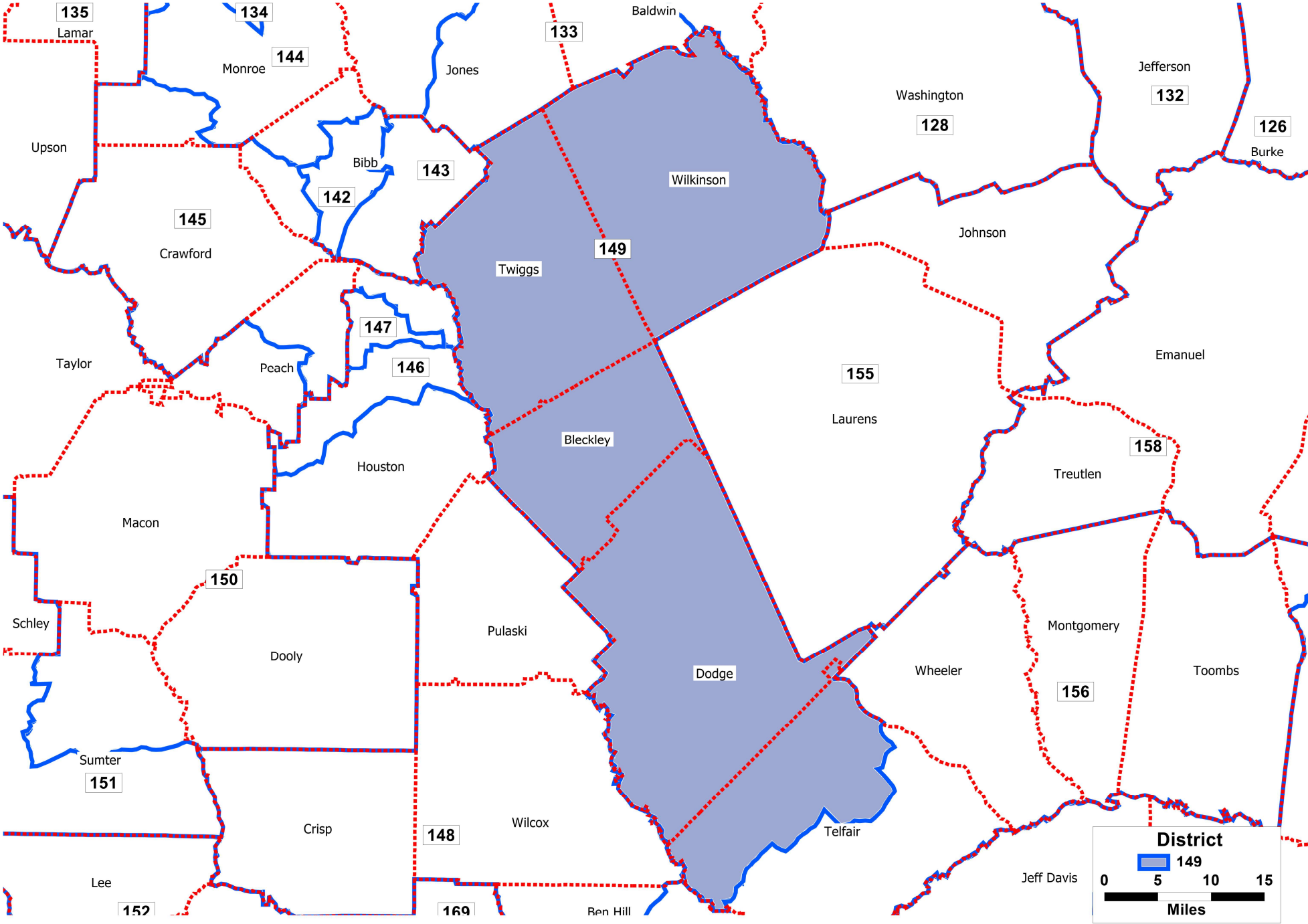


Adopted 2021 House - 118



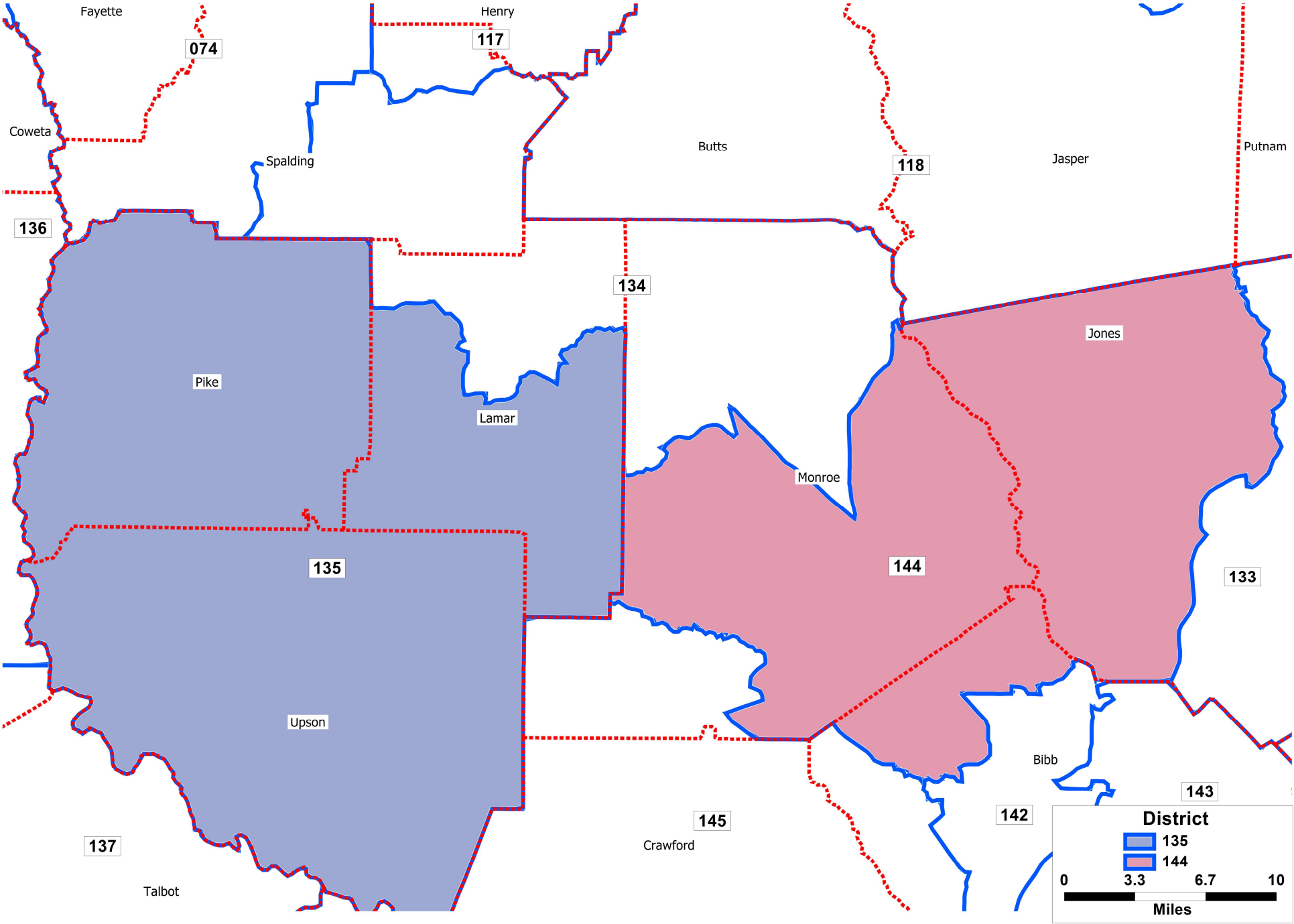
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Adopted 2021 House - 149



# EXHIBIT 32

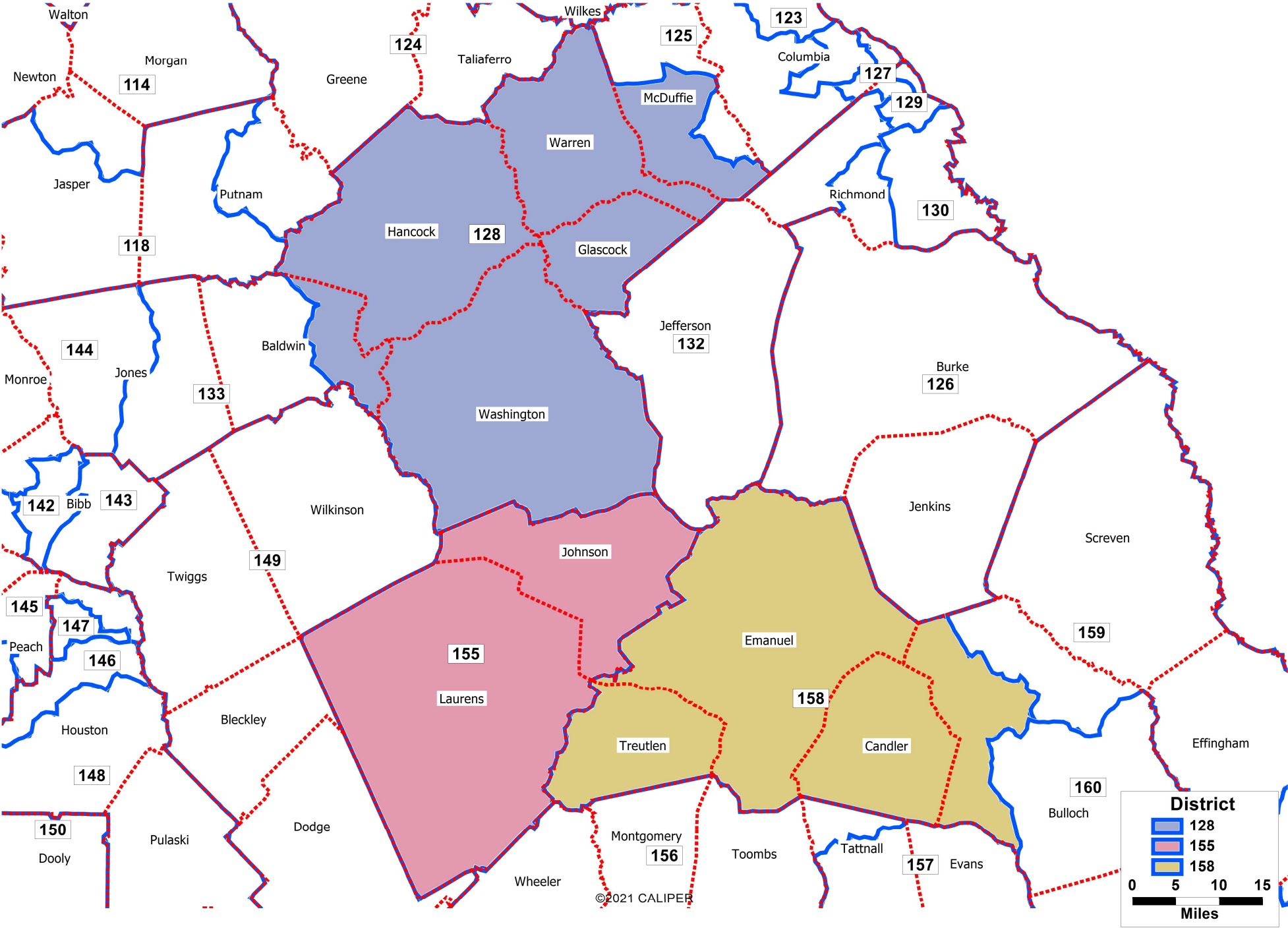
Adopted 2021 House - 135 & 144



# EXHIBIT 33

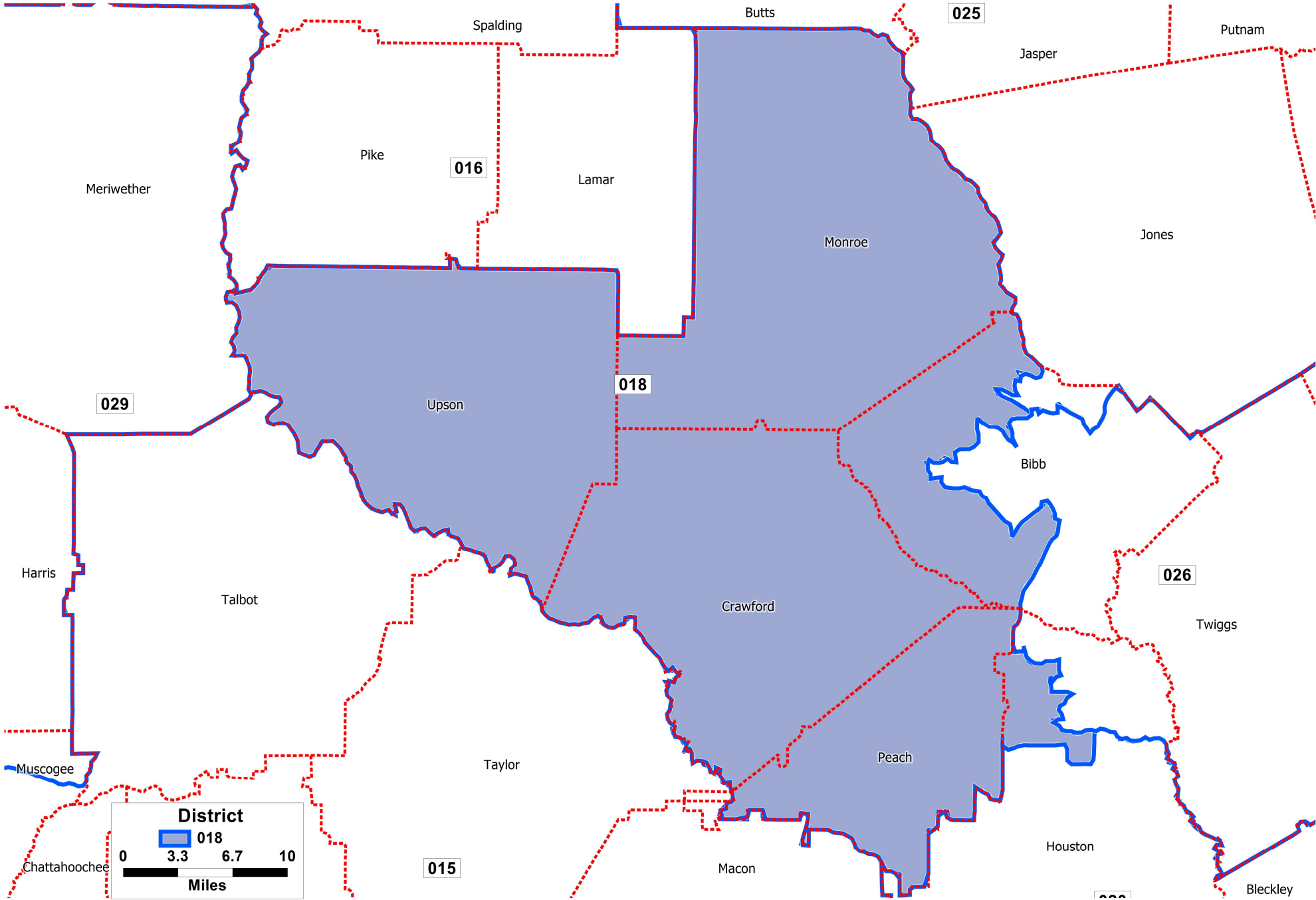


Adopted 2021 House - (128 / 155 / 158)



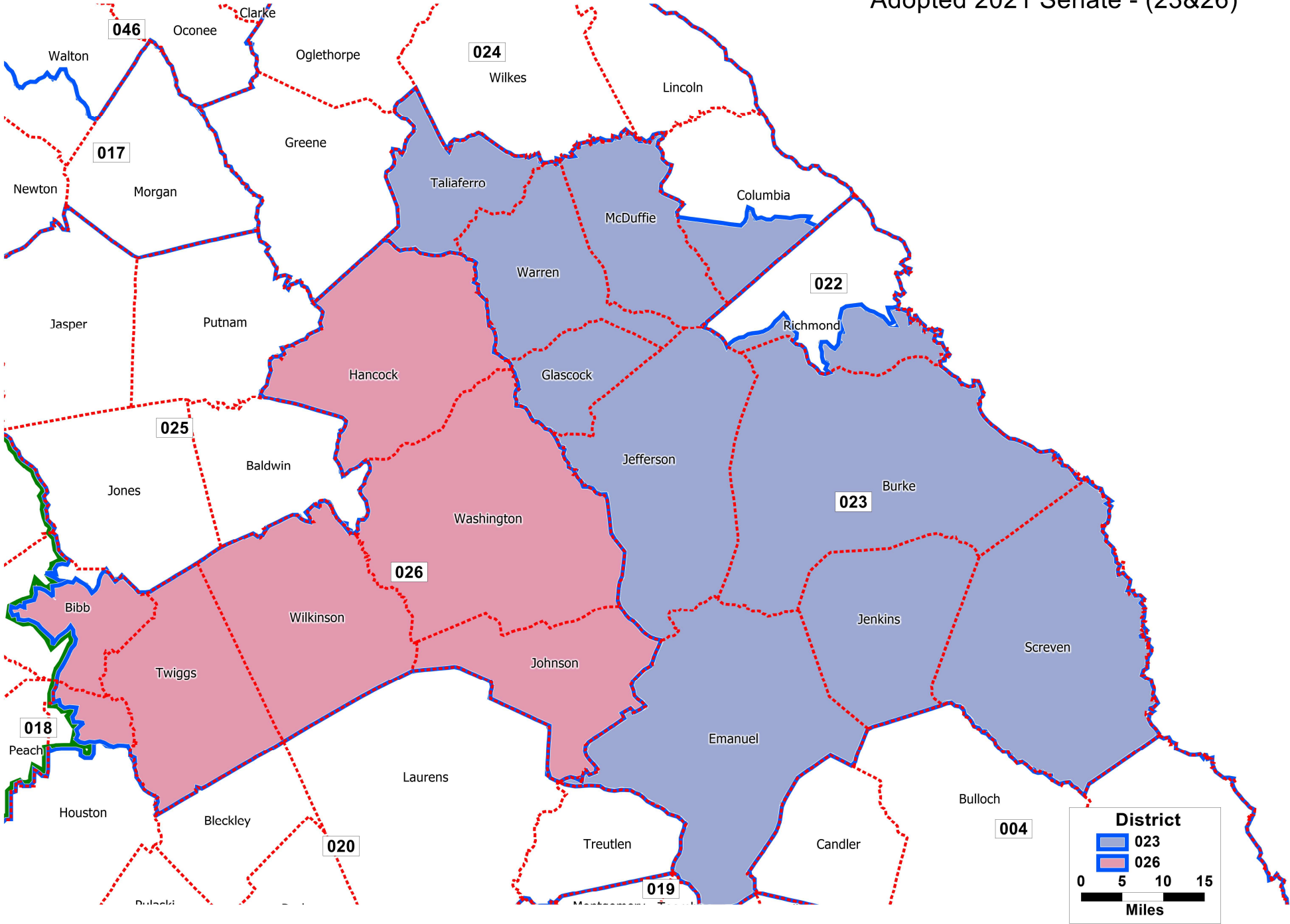
# EXHIBIT 34

Adopted 2021 Senate - (18)



# EXHIBIT 35

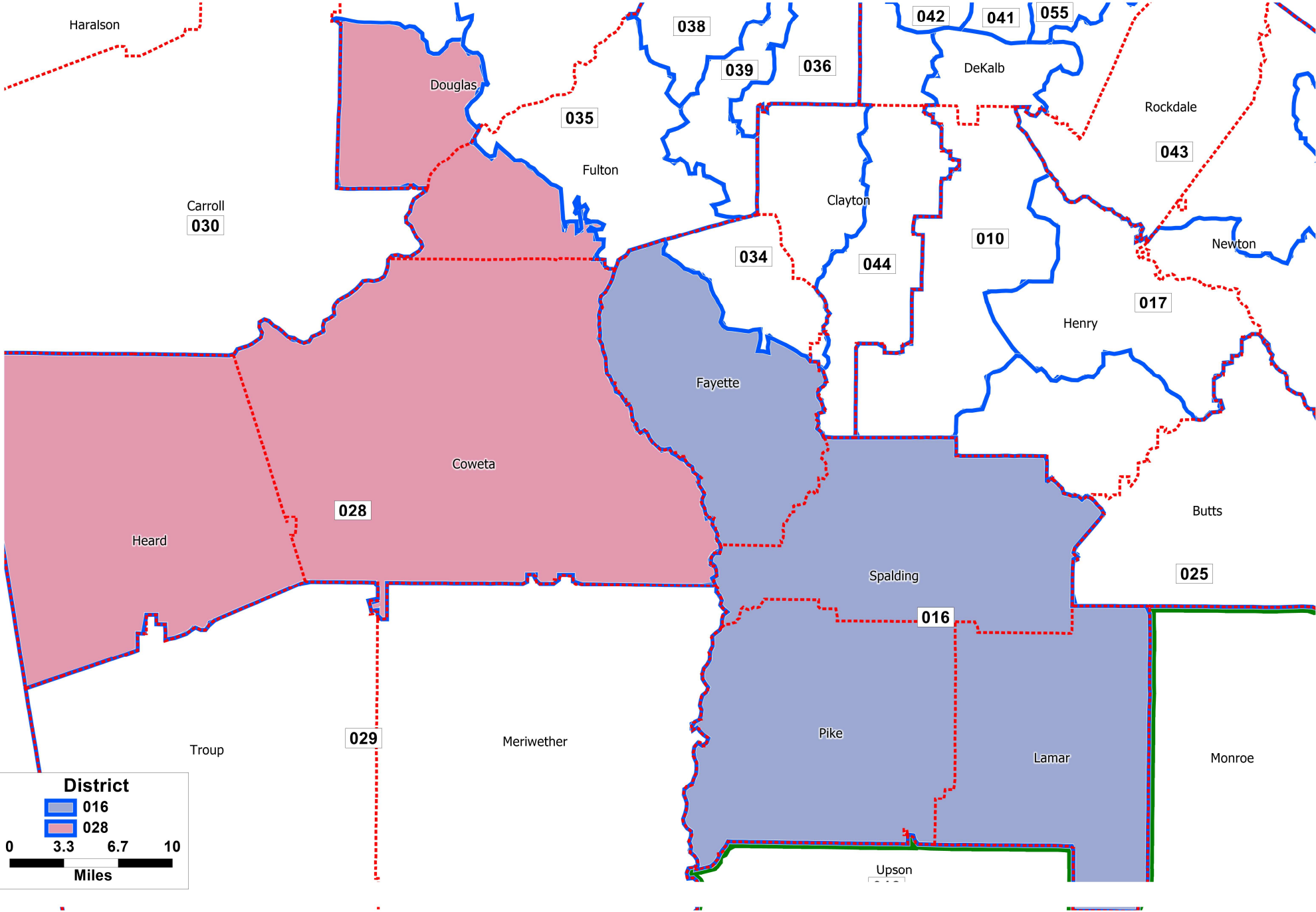
Adopted 2021 Senate - (23&26)



# EXHIBIT 36



Adopted 2021 Senate - (16&28)



# EXHIBIT 37

Adopted 2021 Congress - 14

