

**IN THE UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF ALABAMA  
SOUTHERN DIVISION**

MARCUS CASTER, LAKEISHA  
CHESTNUT, BOBBY LEE DUBOSE,  
BENJAMIN JONES, RODNEY ALLEN  
LOVE, MANASSEH POWELL,  
RONALD SMITH, and WENDELL  
THOMAS,

Plaintiffs,

v.

JOHN H. MERRILL, in his official  
capacity as Alabama Secretary of State,

Defendant.

Case No. 2:21-CV-1536-AMM

**DECLARATION OF WILLIAM S. COOPER**

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

**I. INTRODUCTION**

1. My name is William S. Cooper. I have a B.A. in Economics from Davidson College. As a private consultant, I currently serve as a demographic and redistricting expert for the Plaintiffs. I am compensated at a rate of \$150 per hour.

**(a) Redistricting Experience**

2. I have been qualified in federal courts at trial as an expert witness on redistricting and demographics in about 45 voting rights cases in 19 states. My

2:21-cv-01536-AMM 02/10/2025 Trial Plaintiff Exhibit No. 11
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testimony in these lawsuits almost always included a review of demographics and socioeconomic characteristics for the jurisdictions at issue. Five of these lawsuits resulted in changes to statewide legislative boundaries: *Rural West Tennessee African-American Affairs v. McWherter*, *Old Person v. Cooney*, *Bone Shirt v. Hazeltine*, *Alabama Legislative Black Caucus v Alabama*, and *Thomas v. Reeves*. Approximately 25 of the cases led to changes in local election district plans.<sup>1</sup>

3. In November 2019, I testified in the Northern District of Alabama at trial on behalf of plaintiffs challenging Alabama's 2011 Congressional Plan under Section 2 of the Voting Rights Act – *Chestnut v. Merrill*, Case No. 2:18-cv-00907.

4. In 2019, I prepared a consent decree election plan for the Jefferson County, Alabama Board of Education (*James v. Jefferson County Board of Education*). I served as a redistricting consultant to the City of Decatur, Alabama (*Voketz v. City of Decatur*) between 2015 and 2020. I also served as a redistricting consultant to the plaintiffs in *Alabama State NAACP v. City of Pleasant Grove* in 2018 and 2019. In 2018, I testified on behalf of the plaintiffs in a Section 2 case captioned *Alabama State Conference of the NAACP v. Alabama* involving at-large judicial elections.

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<sup>1</sup> I have served as an expert witness on demographics in non-voting trials. For example, in an April 2017 opinion in *Stout v. Jefferson County Board of Education* (Case No.2:65-cv-00396-MHH), a school desegregation case involving the City of Gardendale, Alabama, the court made extensive reference to my testimony.

5. I currently serve as a redistricting consultant to the San Juan County, Utah Commission, with responsibility for developing election plans for the 3-district county commission and the 5-district school board. In October 2021, I briefly served as a consultant to the city council in Wenatchee, Washington and determined that the 2018 redistricting plan I drew is not malapportioned under the 2020 Census.

6. For additional historical information on my testimony as an expert witness and experience preparing and assessing proposed redistricting maps for Section 2 litigation, see a summary of my redistricting work attached as **Exhibit A**.

**(b) Purpose of Report**

7. The attorneys for the Plaintiffs in this case asked me to determine whether the African American population in Alabama is “sufficiently large and geographically compact”<sup>2</sup> to allow for the creation of two U.S. House majority-Black districts – one more than under the enacted plan (the “2021 Plan”).

8. In addition, the attorneys asked me to review historical and current demographics reported in the decennial Census, as well as socioeconomic characteristics reported in the 1-year 2019 American Community Survey (“ACS”) for African Americans and non-Hispanic Whites.<sup>3</sup>

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<sup>2</sup> *Thornburg v. Gingles*, 478 U.S. 30, 50 (1986).

<sup>3</sup> In this report, “Black” and “African American” are synonymous, as are “Latino” and “Hispanic.” Unless otherwise noted, “Black” refers to persons of all ages who are any part Black (“AP Black”), *i.e.*, single-race Black or more than one race and some part Black. “White” or “NH White” means non-Hispanic White. The AP Black classification includes all persons who

9. **Exhibit B** describes the sources and methodology I have employed in the preparation of this report. I also reviewed the “Reapportionment Committee Guidelines for Redistricting,” which addresses Alabama’s 2021 legislative and congressional redistricting.<sup>4</sup>

**(c) Expert Summary Conclusions**

10. Based on the 2020 Census, African Americans in Alabama are sufficiently numerous and geographically compact to allow for two majority-Black U.S. House districts in a seven-district plan.

11. As reported in the 1-Year *2019 American Community Survey*, non-Hispanic Whites significantly outpace African Americans across most key indicators of socio-economic well-being. These disparities are found statewide, as well as at the regional level in central and south Alabama.

**(d) Organization of Declaration**

12. The remainder of this declaration is organized as follows: **Section II** reviews state and regional demographics; **Section III** compares the benchmark 2011 U.S. Congressional Plan and the enacted 2021 U.S. Congressional Plan;

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self-identified in the 2020 Census as single-race Black or some part Black, including Hispanic Black. It is my understanding that following the U.S. Supreme Court decision in *Georgia v. Ashcroft*, 539 U.S. 461 (2003), the “Any Part” definition is the appropriate Census classification to use in most Section 2 cases.

<sup>4</sup> Source:

<http://www.legislature.state.al.us/aliswww/reapportionment/Reapportionment%20Guidelines%20for%20Redistricting.pdf>.

**Section IV** presents six illustrative plans that feature a second majority-Black congressional district in central and south Alabama; **Section V** reviews socioeconomic disparities by race –statewide and by congressional district – with corresponding charts.

## **II. DEMOGRAPHIC PROFILE OF ALABAMA**

### **(a) 2010 to 2020 – Population by Race and Ethnicity**

13. As shown in **Figure 1**, according to the 2020 Census, Alabama has a total population of 5,024,279. Single-race non-Hispanic Whites (“NH Whites”) are a majority of the population (63.12%). Any Part Black Alabamians (“AP Black”) comprise 27.16% of the population and are the largest minority population, followed by Latinos (5.26%), who may be of any race.

**Figure 1****Alabama – 2010 Census to 2020 Census****Population by Race and Ethnicity<sup>5</sup>**

	<b>2010 Number</b>	<b>Percent</b>	<b>2020 Number</b>	<b>Percent</b>	<b>Change 2010 to 2020</b>	<b>% Change 2010-2020</b>
<b>Total Population</b>	4,779,736	100.00%	5,024,279	100.00%	244,543	5.12%
NH White	3,204,402	67.04%	3,171,351	63.12%	-33,051	-1.03%
Total Minority Pop.	1,575,334	32.96%	1,852,928	36.88%	277,594	17.62%
Latino (all races)	185,602	3.88%	264,047	5.26%	78,445	42.27%
NH SR Black	1,244,437	26.04%	1,288,159	25.64%	43,722	3.51%
NH SR Asian	25,907	0.54%	75,918	1.51%	50,011	193.04%
NH SR Hawaiian and Pacific	52,937	1.11%	23,119	0.05%	-29,818	-56.33%
NH SR American Indian and Alaska Native	1,976	0.04%	2,612	0.46%	636	32.19%
NH SR Other	4,030	0.08%	14,455	0.29%	10,425	258.68%
Single-race Black (including Black Hispanics)	1,251,311	26.18%	1,296,162	25.80%	44,851	3.58%
<b>Any Part Black (including Black Hispanics)</b>	1,281,118	26.80%	1,364,736	<b>27.16%</b>	83,618	6.53%

14. The population in Alabama grew by 5.12% between 2010 and 2020, from about 4.78 million to 5.02 million. In 2010, minorities represented about one third (32.96%) of the population. By 2020, that figure grew to 36.88% of the statewide population. In fact, all of Alabama's population growth between 2010 and 2020 (244,543) can be attributed to an increase in the minority population (277,594), offsetting a population loss of 33,051 NH White persons.

15. The Any Part Black population grew by 6.53% between 2010 and 2020, from 1.28 million to 1.36 million. African Americans represent 34% of the

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<sup>5</sup> PL94-171 Redistricting File (Census 2010 and Census 2020)

population increase between 2010 and 2020 in Alabama (83,618 of 244,543 persons).

**(b) 2020 Census – Spatial Distribution of the Black Population**

16. According to the 2020 Census, about half of Alabama’s Black population (49.53%) is concentrated in the urban counties of Jefferson (Black pop. 289,515), Mobile (Black pop. 152,471), Montgomery (Black pop. 134,029), and Madison (Black pop. 99,875). The rural Black Belt counties (excluding urban Black Belt Montgomery) account for 8.68% of the statewide Black population.<sup>6</sup> The Counties of Lee and Tuscaloosa – home to the two largest state universities in Alabama – contain 8.34% of the statewide Black population. Taken together, the urban counties, rural Black Belt counties, and university counties encompass two-thirds (66.54%) of the statewide Black population.

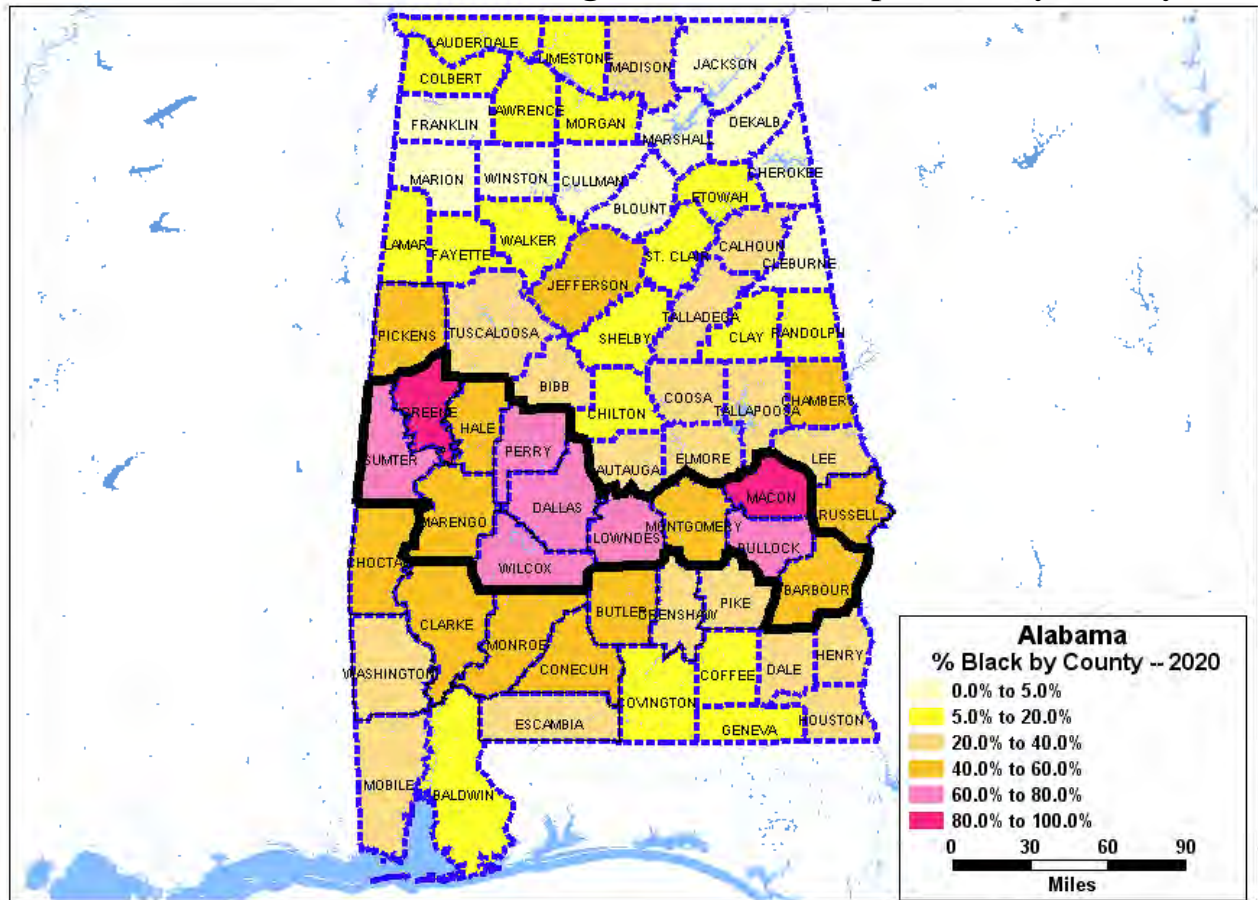
17. The map in **Figure 2** displays the state’s Black population by county under the 2020 Census, with bold lines demarcating the Black Belt region. The table in **Exhibit C** reports 2020 population by county by race and ethnicity.

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<sup>6</sup> In this declaration, the term “Black Belt” refers to the following counties: Barbour, Bullock, Dallas, Greene, Hale, Lowndes, Macon, Marengo, Montgomery, Perry, Sumter, and Wilcox. This is consistent with my testimony in *Alabama Legislative Black Caucus v Alabama* and *Alabama State Conference of the NAACP v. Alabama*.

For an overview of Alabama’s Black Belt, including a listing of Black Belt counties under various definitions, see the article “Black Belt Region in Alabama” by Terance L. Winemiller, Auburn University at Montgomery, in the Encyclopedia of Alabama.  
<http://www.encyclopediaofalabama.org/article/h-2458>

**Figure 2**  
**2020 Census – Black Belt Region and Black Population by County**



**(c) Voting Age and Citizen Voting Age**

18. As shown in **Figure 3**, African Americans in Alabama constitute a slightly smaller percentage of the voting age population (VAP) than the total population. According to the 2020 Census, Alabama has a total VAP of 3,917,166 – of whom 1,014,372 (25.90%) are AP Black. The NH White VAP is 2,564,544 (65.47%).

**Figure 3**

**Alabama – 2020 Voting Age Population &  
2019 Estimated Citizen Voting Age Population  
By Race and Ethnicity<sup>7</sup>**

	2020 VAP	2020 VAP Percent	2019 CVAP Percent
<b>Total</b>	3,917,166	100.00%	100.00%
NH White 18+	2,564,544	65.47%	68.5 %
Total Minority 18+	1,352,622	34.53%	31.5%
Latino 18+	166,856	4.26%	2.2%
Single-race Black (Including Black Hispanics) 18+	981,723	25.06%	26.7%
<b>Any Part Black (Including Black Hispanics) 18+</b>	<b>1,014,372</b>	<b>25.90%</b>	<b>27.3%</b>

19. The rightmost column in **Figure 3** reveals that both the Black and NH White population comprise a higher percentage of the citizen voting age population (“CVAP”) than the corresponding voting age population, owing to higher non-citizenship rates among other minority populations.

20. According to estimates from the 1-year 2019 *American Community Survey* (“ACS”), African Americans represent 27.3% of the statewide CVAP – more than a percentage point higher than the 2020 AP Black VAP. The NH White

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<sup>7</sup> Sources:

**PL94-171 Redistricting File** (Census 2020);

**Table S2901 -- CITIZEN, VOTING-AGE POPULATION BY SELECTED CHARACTERISTICS** (1-year 2019 ACS )

<https://data.census.gov/cedsci/table?q=S2901&g=0400000US01&tid=ACSST1Y2019.S2901&hidePreview=true>.

**2019 ACS 1-Year Estimates 1-Year Estimates-Public Use Microdata Sample**

[https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP\(18:99\)&cv=RACBLK\(1\)&rv=ucgid,CIT\(1,2,3,4\)&wt=PWGTP&g=0400000US01](https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP(18:99)&cv=RACBLK(1)&rv=ucgid,CIT(1,2,3,4)&wt=PWGTP&g=0400000US01)

CVAP is 68.5% – 3 percentage points higher than NH White VAP in the 2020 Census.<sup>8</sup>

### III. ALABAMA CONGRESSIONAL PLANS – 2021 and 2011

#### **(a) 2021 Enacted Congressional Plan**

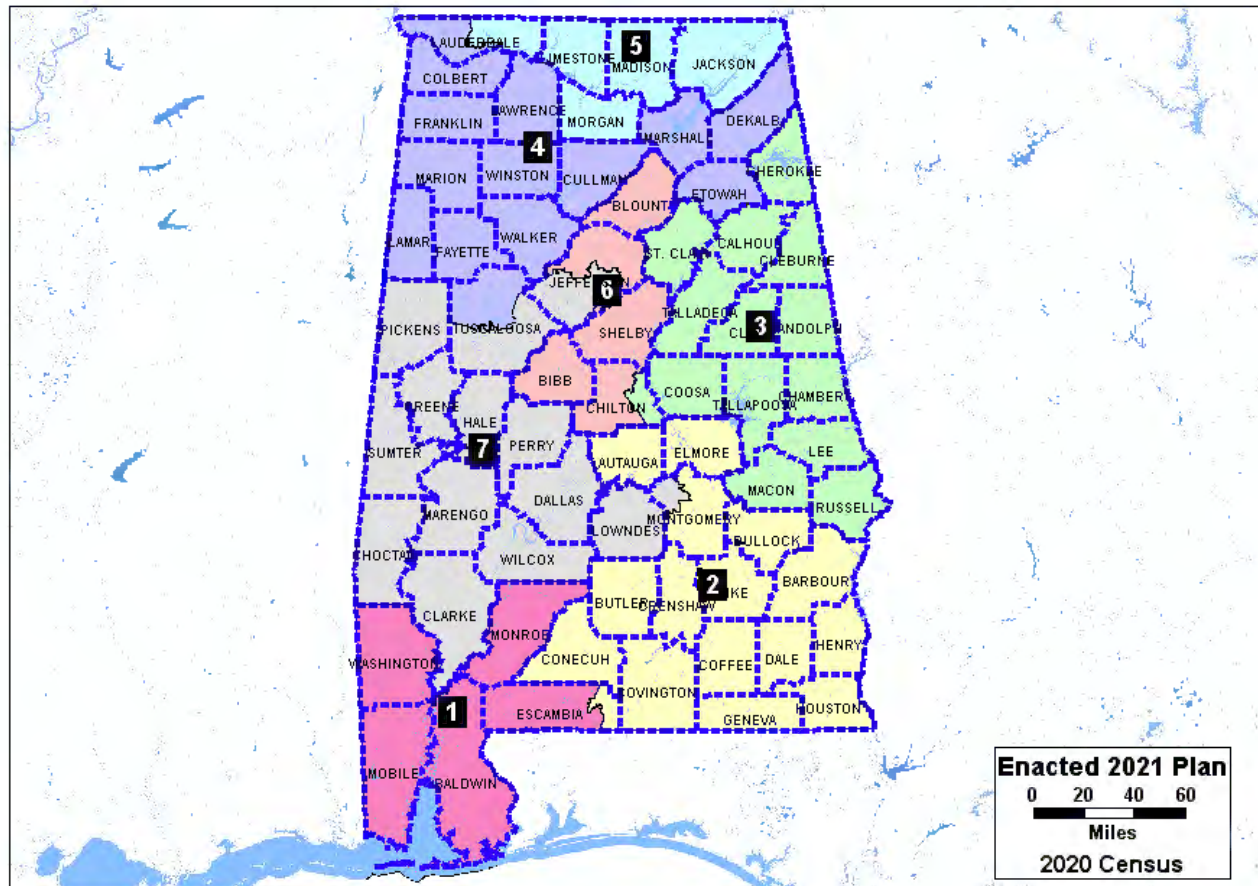
21. On November 4, 2021, Governor Ivey signed into law a new congressional plan (the “2021 Plan”) with CD 7 as the only majority-Black district and six county splits.<sup>9</sup> The map in **Figure 4** depicts the 2021 Plan.

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<sup>8</sup> Due to the COVID-19 pandemic, the 1-year 2020 ACS results will not be published.  
Source:

<https://www.census.gov/newsroom/press-releases/2021/changes-2020-ac-s-1-year.html>

<sup>9</sup> Source for GIS shapefile: <https://redistrictingdatahub.org/state/alabama/>

**Figure 4****Alabama – Enacted 2021 U.S. House Plan**

22. Majority-Black CD 7 encompasses part of Jefferson County and extends southwest to include the southern half of Tuscaloosa County and rural Black Belt counties along the Mississippi border, then east through part of the Back Belt to northwest Montgomery County.

23. The table in **Figure 5** shows 2020 summary population statistics for the 2021 Plan. **Exhibit D-1** contains more detailed 2020 population statistics.

**Figure 5****2021 U.S. House Plan – 2020 Census**

<b>District</b>	<b>Population</b>	<b>18+ Pop</b>	<b>% 18+ AP Black</b>	<b>% 18+ NH White</b>
1	717754	557535	25.61%	66.00%
2	717755	557677	30.12%	62.03%
3	717754	564281	24.99%	67.74%
4	717754	556133	7.70%	82.41%
5	717754	561187	18.06%	70.89%
6	717754	552286	18.93%	71.16%
7	717754	568067	55.26%	38.60%

24. The map in **Exhibit D-2** is a higher resolution version of the **Figure 4** map. **Exhibit D-3** contains maps that focus on CDs 1, 2, and 7 – the general area where a second majority-Black district can be drawn. **Exhibit D-4** identifies county and VTD<sup>10</sup> splits in the 2021 Plan. The 2021 Plan splits six counties and seven populated VTDs.

25. As shown in **Figure 5**, CD 7 in the 2021 Plan is 55.26% BVAP, and the remaining six districts are all 30% BVAP or lower, consistent with the “cracking”<sup>11</sup> that was also evident in the 2011 Plan (discussed further below).

26. The map in **Figure 6** illustrates cracking in the 2011 and 2021 congressional plans. The **Figure 6** map overlays the four 2021 Plan congressional districts in central and south Alabama – CDs 1, 2, 3, and 7 (demarcated by bold

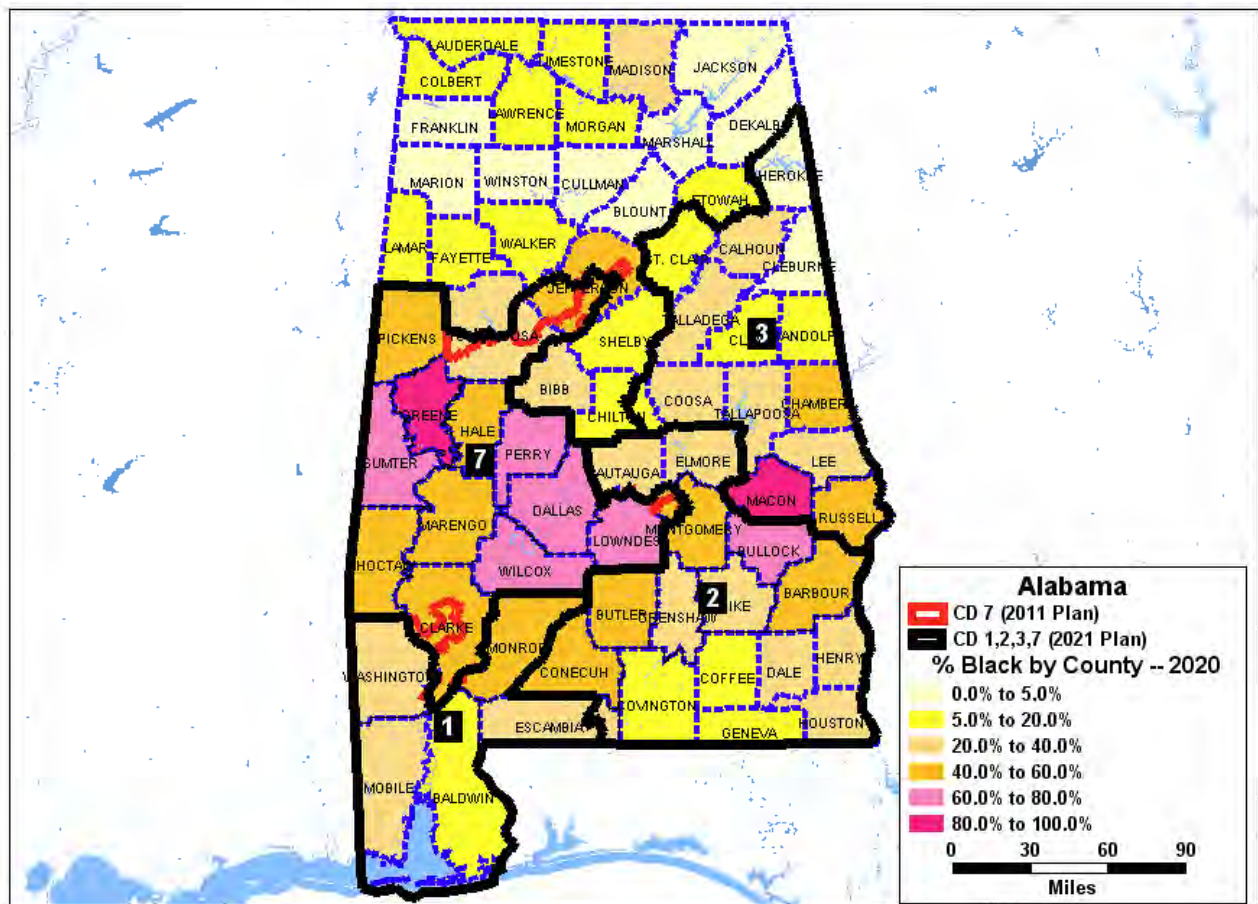
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<sup>10</sup> “VTD” is a Census Bureau term meaning “voting tabulation district.” VTDs generally correspond to precincts as they existed at the time of the 2020 Census.

<sup>11</sup> “Cracking” is a term which describes redistricting plans characterized with one or more districts that fragment or divide the minority population, resulting in an overall dilution of minority voting strength in the voting plan.

lines) onto a map displaying 2020 Black population by county. Red lines show areas where CD 7 was different under the 2011 Plan. Under both the 2011 and 2021 plans, Black voters who do not live in CD 7 are divided or cracked into neighboring districts, rather than joined into a second majority-Black opportunity district.

**Figure 6**  
**Central and South Alabama Under the 2021 Plan and 2011 Plans**



27. Under both the 2011 Plan and the 2021 Plan, majority-Black Macon County is in majority-White CD 3, which extends north to encompass Cherokee County in Appalachian Alabama. Majority-Black Bullock County and plurality-

Black Barbour County are joined with southeast Alabama counties in majority-White CD 2. The majority-Black City of Mobile (Black pop. 100,265) is in majority-White CD 1. Most of majority-Black Montgomery County is in majority-White CD 2.

28. According to the 2020 Census, less than one-third (30.02%) of Alabama's Black population lives within majority-Black 2021 CD 7. By contrast, 91.8% of the 2020 NH White population lives in one of the six majority-White districts.

29. As shown in **Figure 5** *supra*, most of the remainder of the Black population outside of CD 7 is distributed relatively evenly into CD 1 (25.61% BVAP), CD 2 (30.12% BVAP), and CD 3 (24.99% BVAP). Taken together, these three districts have a total 2020 Black population of 612,759 (and a BVAP of 451,759), which is nearly enough population to comprise an entire congressional district (85.4% of a full congressional district).

30. For reference, **Exhibit E-1** contains detailed 2020 population statistics by district for the 2011 Plan, which are summarized below in **Figure 7**.

**Figure 7****2011 U.S. House Plan – 2020 Census**

District	Population	Deviation	% Dev.	18+ Pop	% 18+ AP Black	% 18+ NH White
1	726276	8522	1.19%	564302	25.67%	66.00%
2	693466	-24288	-3.38%	539812	30.60%	61.87%
3	735132	17378	2.42%	576455	25.83%	66.45%
4	702982	-14772	-2.06%	543423	7.18%	82.84%
5	761102	43348	6.04%	595873	17.97%	71.19%
6	740710	22956	3.20%	572838	16.37%	73.88%
7	664611	-53143	-7.40%	524463	60.16%	33.84%

31. **Exhibit E-2** is a state-produced map of the 2011 Plan<sup>12</sup> and **Exhibit E-3** is a state-produced map of the 2021 Plan.<sup>13</sup> As shown in **Exhibit E-4**, there are seven county splits in the 2011 Plan. Under the 2020 Census geography, the 2011 Plan splits populated areas in 47 VTDs.

#### **IV. ILLUSTRATIVE PLANS**

##### **A. GEOGRAPHICAL AREA**

###### **(a) The Board of Education Plan –1996-2021**

32. The area covered by the two majority-Black districts in Alabama’s 2021 Board of Education Plan (“BOE Plan”) is strikingly similar to the coverage area for the two majority-Black districts in the Plaintiffs’ illustrative congressional plans presented in **Section B**.

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<sup>12</sup> Source:

[http://www.legislature.state.al.us/aliswww/Legislature/2011\\_Congressional\\_Districts.pdf](http://www.legislature.state.al.us/aliswww/Legislature/2011_Congressional_Districts.pdf)

<sup>13</sup> Source:

<https://www.sos.alabama.gov/alabama-votes/state-district-maps>

33. For the past quarter century, more than half of the African Americans in Alabama have lived in one of the two state Board of Education (“BOE”) minority opportunity districts in 8-district plans.

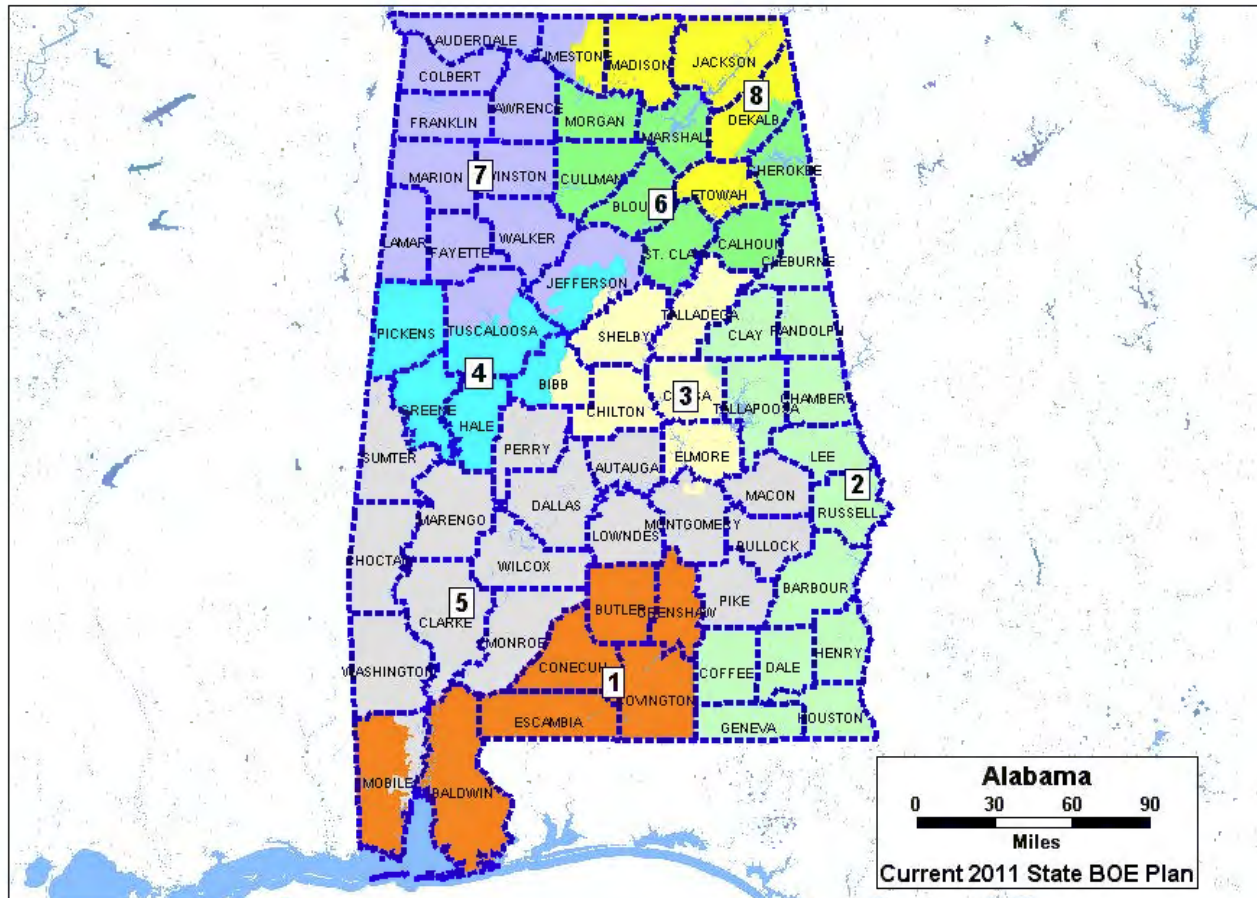
34. According to the 2000 Census, under the court-ordered 1996 BOE Plan BOE District 4 was 46.63% SR BVAP and BOE District 5 was 51.75% SR BVAP. Under the 2001 BOE Plan, BOE District 4 was 47.61% SR BVAP and BOE District 5 was 51.97% SR BVAP.<sup>14</sup>

35. According to the 2010 Census, under the 2011 BOE Plan, District 4 and District 5 were both majority-BVAP. BOE District 4 was 51.43% BVAP and BOE District 5 was 57.5% BVAP. According to the 2010 Census, the combined Black population in these two districts was 683,923, which represented more than half (53.38%) of the statewide Black population. **Figure 8** shows the 2011 BOE Plan.

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<sup>14</sup> Source: February 2, 2002 Section 5 letter from the Alabama Attorney General to the U.S. Department of Justice, available at the Web Archive link below:  
<https://web.archive.org/web/20141018111338/http://www.legislature.state.al.us/reapportionment/boe/boe.html>

The Any Part Black population count was not reported in the Census 2000 PL94-171 file and therefore could not be included here.

**Figure 8****Alabama – 2011 Board of Education Plan**

36. According to the 2020 Census, under the 2011 BOE Plan, District 4 and District 5 remain majority-BVAP. 2011 BOE District 4 is 51.51% BVAP and 2011 BOE District 5 is 57.72% BVAP.

37. In 2021, the Legislature once again created two majority-Black BOE districts in central and south Alabama. The 2021 BOE Plan was signed into law by Governor Ivey on the same day as the 2021 U.S. House Plan. According to the 2020 Census, the combined SR Black population in 2021 BOE District 4 and BOE

District 5 was 646,759, which represents more than half (51.69%) of the statewide Black population.

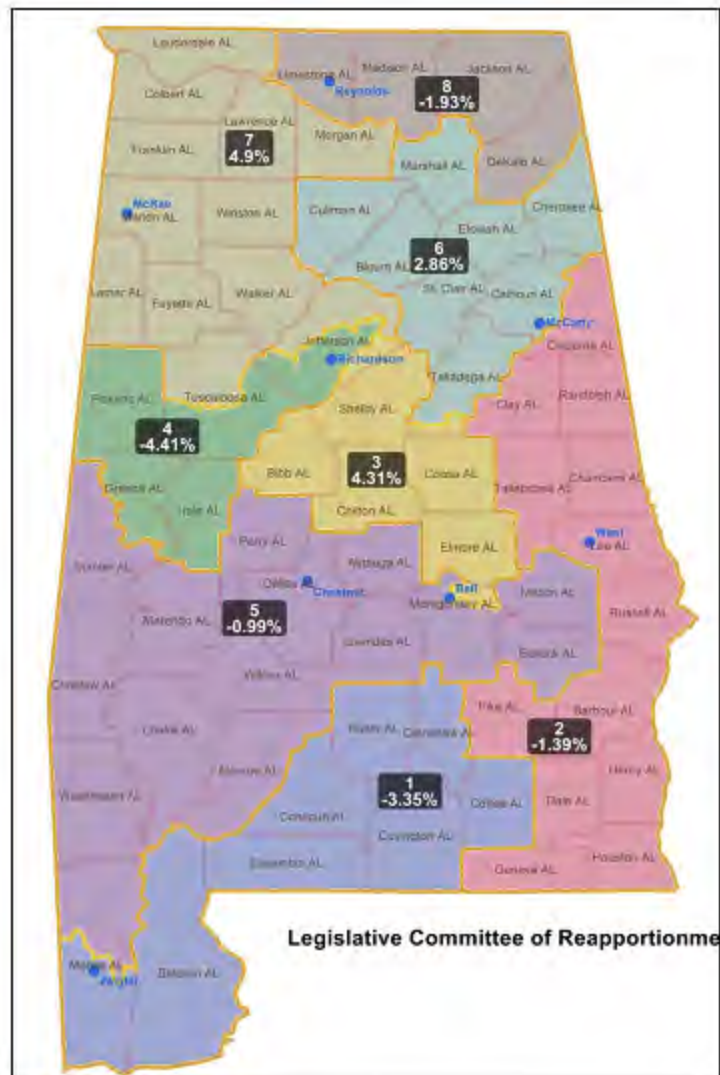
38. The 2021 BOE Plan is depicted in **Figure 9**.<sup>15</sup>

**Figure 9**

**Alabama – 2021 Board of Education Plan**

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<sup>15</sup> Source for 2021 BOE Map in **Figure 9** is an October 25, 2021 tweet from Alabama Rep. Chris England  
via: <https://twitter.com/RepEngland70/status/1452674057640550407>.



39. **Exhibit F-1** is a state-produced map of the 2021 BOE Plan.<sup>16</sup>

40. **Exhibit F-2** contains 2020 population statistics by district. District 4 is 51.21% SR BVAP. District 5 is 51.27% SR BVAP.<sup>17</sup>

<sup>16</sup> Source for PDF map of 2021 BOE Plan via <https://www.sos.alabama.gov/alabama-votes/state-district-maps>  
[https://www.sos.alabama.gov/sites/default/files/State%20Districts/McClendon%20SBOE%20Plan%201\\_Letter%20size%20map.pdf](https://www.sos.alabama.gov/sites/default/files/State%20Districts/McClendon%20SBOE%20Plan%201_Letter%20size%20map.pdf)

41. Similar to the 2021 BOE Plan, the six illustrative plans described below create a second majority-BVAP congressional district in central and south Alabama.

## **B. ILLUSTRATIVE PLAN FEATURES**

### **(a) Area Encompassed by the Illustrative Majority-Black Districts**

42. There are a variety of ways to draw two majority-Black congressional districts in Alabama that adhere to traditional redistricting principles and Alabama's redistricting guidelines, and this has been true since at least the 2010 Census. At the November 2019 *Chestnut v. Merrill* trial and by way of expert reports, I presented four illustrative plans, based on the 2010 Census, all of which contained two majority-Black districts out of seven.

43. Based on the 2020 Census, it is still possible to draw two majority-Black congressional districts, while adhering to traditional redistricting principles.

44. The six illustrative plans described below demonstrate that there are viable remedies in this Section 2 lawsuit. Alternative configurations besides these six illustrative plans featuring two majority-Black congressional districts are

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<sup>17</sup> Source for 2021 BOE Plan population statistics – an October 25, 2021 tweet from Alabama Rep. Chris England via:

<https://twitter.com/RepEngland70/status/1452674057640550407>

I do not have access to a GIS shapefile of the 2021 BOE Plan, so I am unable to produce detailed statistics that would include Any Part Black VAP percentages.

possible.

**(b) Traditional Redistricting Principles**

45. The illustrative plans demonstrate that the Black population is sufficiently numerous and geographically compact to allow for the creation of an additional majority-Black district.

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

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

**(c) Common Characteristics of the Illustrative Plans**

48. The six illustrative plans share the following features:

- The 2020 Black VAP in the illustrative majority-Black districts is above 50% in all six plans.

- Based on the most current citizenship data available (from the 5-year 2015-2019 ACS Special Tabulation), NH single-race Black CVAP in the illustrative majority-Black districts is above 50% in all six plans.<sup>18</sup>
- The Black VAP to NH White VAP percentage point margins in the illustrative majority-Black districts range from 6.12 percentage points (CD 2, Illustrative 1) to 14.73 percentage points (CD 7, Illustrative 2).
- Four of the six illustrative plans split six counties – the same number of split counties as the 2021 Plan. Illustrative Plan 2 and Illustrative Plan 6 split seven counties – the same number as the 2011 Plan.
- The illustrative plans create a new majority-Black District 2 that includes African American communities in Mobile County, Montgomery County and the central and eastern rural Black Belt counties.
- New majority-Black District 2 under the illustrative plans has a configuration that is similar to District 5 in the 2021 BOE Plan and the 2011 BOE Plan.
- Under the illustrative plans, District 7 includes African American communities in Jefferson County, Tuscaloosa County, and the western rural Black Belt counties, as District 7 does in the 2021 Plan.
- Mobile County is split between majority-White District 1 and majority-Black District 2 in all of the illustrative plans, as it is in the 2021 BOE plan.
- Baldwin County is entirely in District 1 under all of the illustrative plans.
- Under all six of the illustrative plans, one can travel from District 1 in Mobile County to District 1 in Baldwin County without leaving District 1.
- Five of the illustrative plans join the District 1 part of Mobile County to Baldwin County following I-10 and U.S. 98 across Mobile Bay. Under Illustrative Plan 6 (placing all of the City of Mobile into District 1), secondary roads directly connect the District 1 part of Mobile County to District 1 in Baldwin County.
- All Plaintiffs reside in majority-minority districts under the illustrative plans.

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<sup>18</sup> <https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.html>

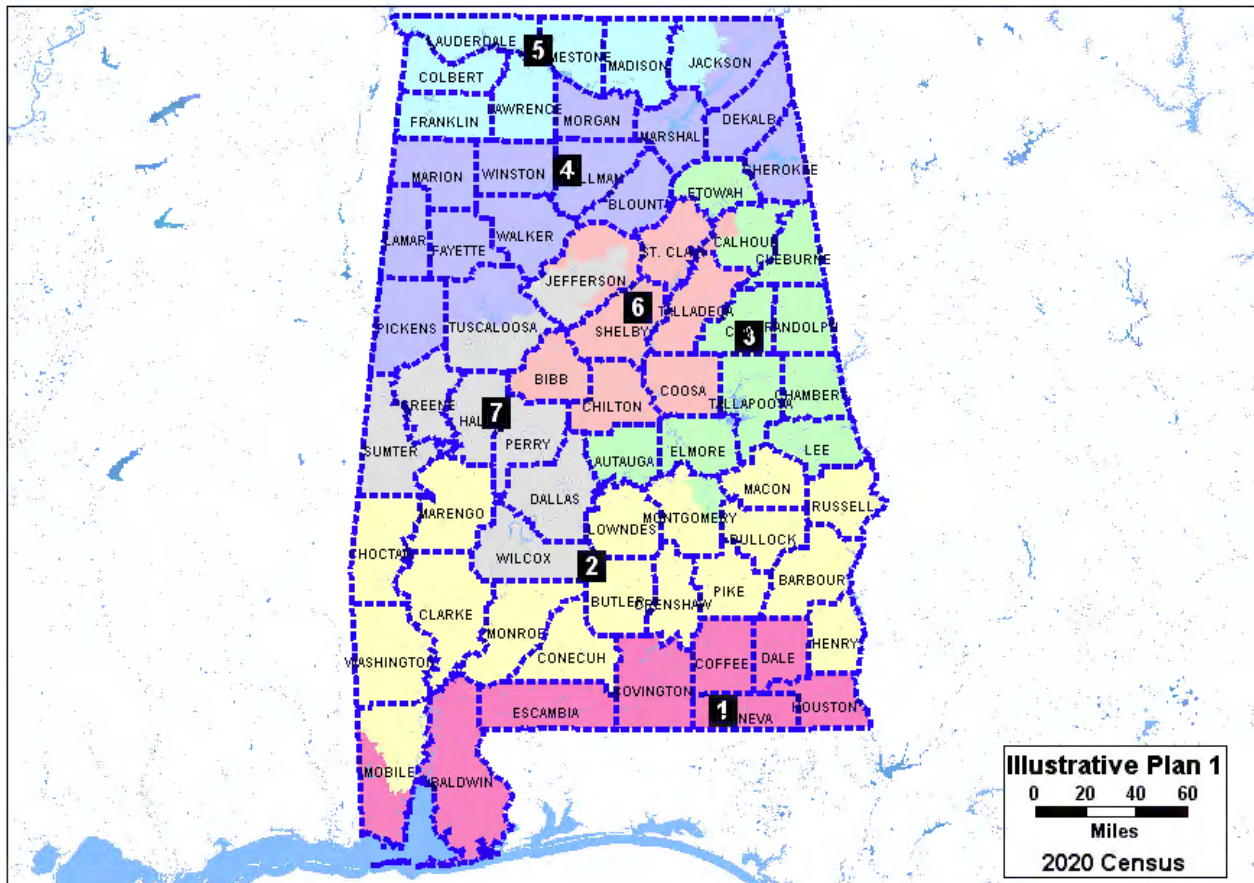
## C. SUMMARY DESCRIPTIONS OF ILLUSTRATIVE PLANS

### (a) Illustrative Plan 1

49. The map in **Figure 10** depicts Illustrative Plan 1. District 2 is 50.09% BVAP and District 7 is 53.28% BVAP.

**Figure 10**

**Alabama U.S. House – Illustrative Plan 1**



50. Majority-Black District 2 encompasses part of Mobile County, extends north to include all of Washington and Choctaw Counties, then east through the Black Belt counties. Henry, Barbour and Russell Counties form the

eastern boundary. The northeast part of Montgomery County is merged into District 3.

51. Majority-Black District 7 encompasses part of Jefferson and Tuscaloosa Counties as well as Sumter County on the Mississippi state line. Dallas and Wilcox Counties form the eastern border of District 7.

52. The table in **Figure 11** shows 2020 summary population statistics for Illustrative Plan 1. **Exhibit G-1** contains detailed 2020 population statistics by district.

**Figure 11**

**Illustrative Plan 1 – 2020 Census**

District	Population	18+ Pop	% 18+ AP Black	% 18+ NH White
1	717755	557084	16.03%	74.88%
2	717754	559442	50.09%	43.97%
3	717753	563119	22.53%	68.99%
4	717753	555541	6.31%	83.20%
5	717755	561688	18.66%	70.63%
6	717754	556122	13.95%	77.62%
7	717755	564170	53.28%	39.41%

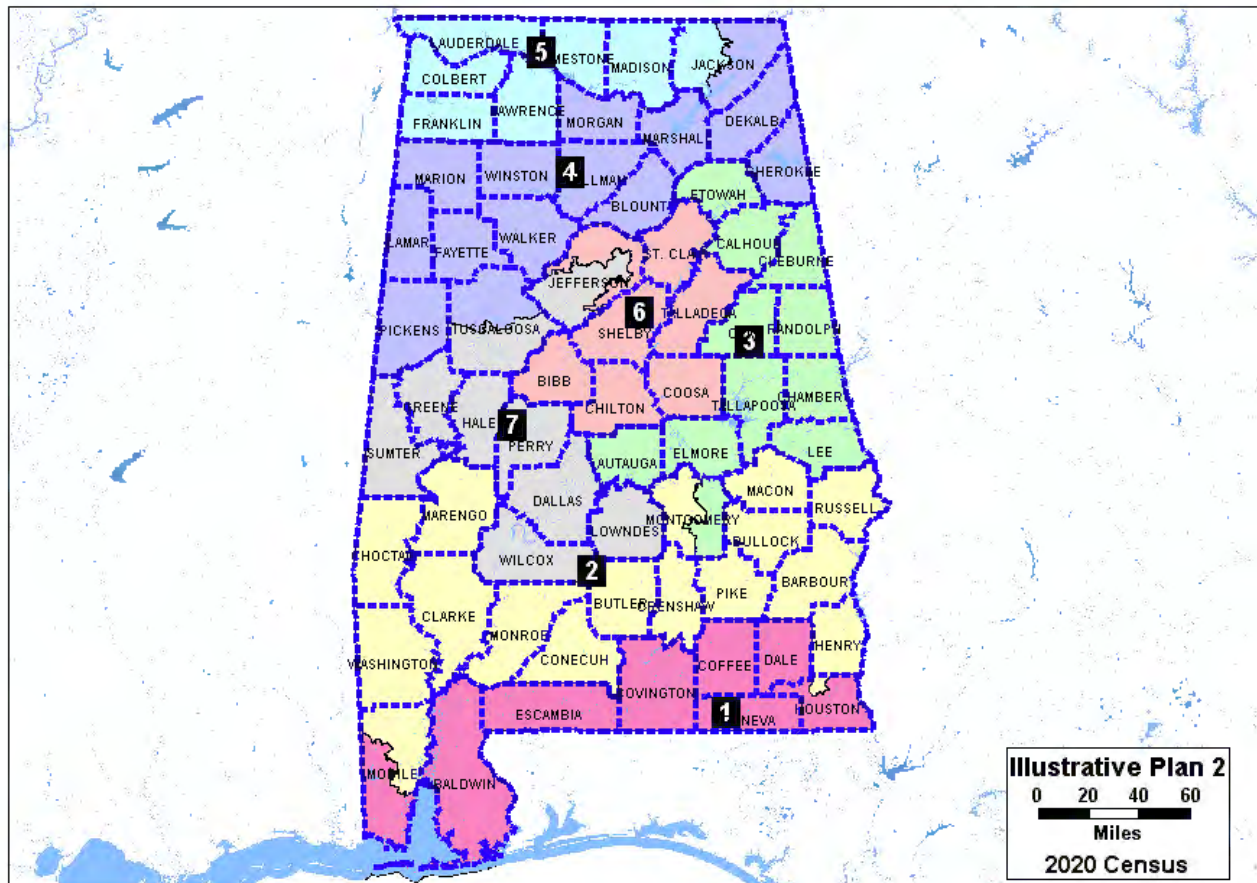
53. The map in **Exhibit G-2** is a higher resolution version of the **Figure 10** map. **Exhibit G-3** contains maps focusing on District 2 and District 7 and adjacent areas. As shown in **Exhibit G-4**, Illustrative Plan 1 splits six counties and populated areas in 16 VTDs.

**(b) Illustrative Plan 2**

54. The map in **Figure 12** depicts Illustrative Plan 2. District 2 is 50.88% BVAP and District 7 is 53.79% BVAP.

**Figure 12**

**Alabama U.S. House – Illustrative Plan 2**



55. Under Illustrative Plan 2, District 2 is similar in geographic extent to Illustrative Plan 1. Additional areas of Montgomery County are merged into District 3, allowing parts of Dothan to be joined with District 2.

56. District 7 is geographically similar to District 7 under the 2021 enacted Plan. The eastern border of District 7 is Lowndes County, whereas District 7 in

the 2021 Plan crosses into Montgomery County to pick up some neighborhoods in the City of Montgomery.

57. The table in **Figure 13** shows 2020 summary population statistics for Illustrative Plan 2. **Exhibit H-1** contains detailed 2020 population statistics by district.

**Figure 13**

<b>Illustrative Plan 2 – 2020 Census</b>				
<b>District</b>	<b>Population</b>	<b>18+ Pop</b>	<b>% 18+ AP Black</b>	<b>% 18+ NH White</b>
1	717754	558142	14.92%	75.87%
2	717754	558446	50.88%	43.29%
3	717755	562845	21.97%	69.52%
4	717753	555526	6.31%	83.20%
5	717755	561688	18.66%	70.63%
6	717754	555856	14.34%	77.09%
7	717754	564663	53.79%	39.06%

58. The Illustrative Plan 2 maps in the **Exhibit H** series are identical in format to the maps in the Exhibit G series (Illustrative Plan 1). As shown in **Exhibit H-4** Illustrative Plan 2 splits seven counties – the same number as the 2011 Plan and one more than the 2021 Plan. Populated areas in 13 VTDs are split.

59. To reach zero deviation, 15 persons in Calhoun County are assigned to District 6, with the remainder in District 3. Arguably, this 15-person de minimis

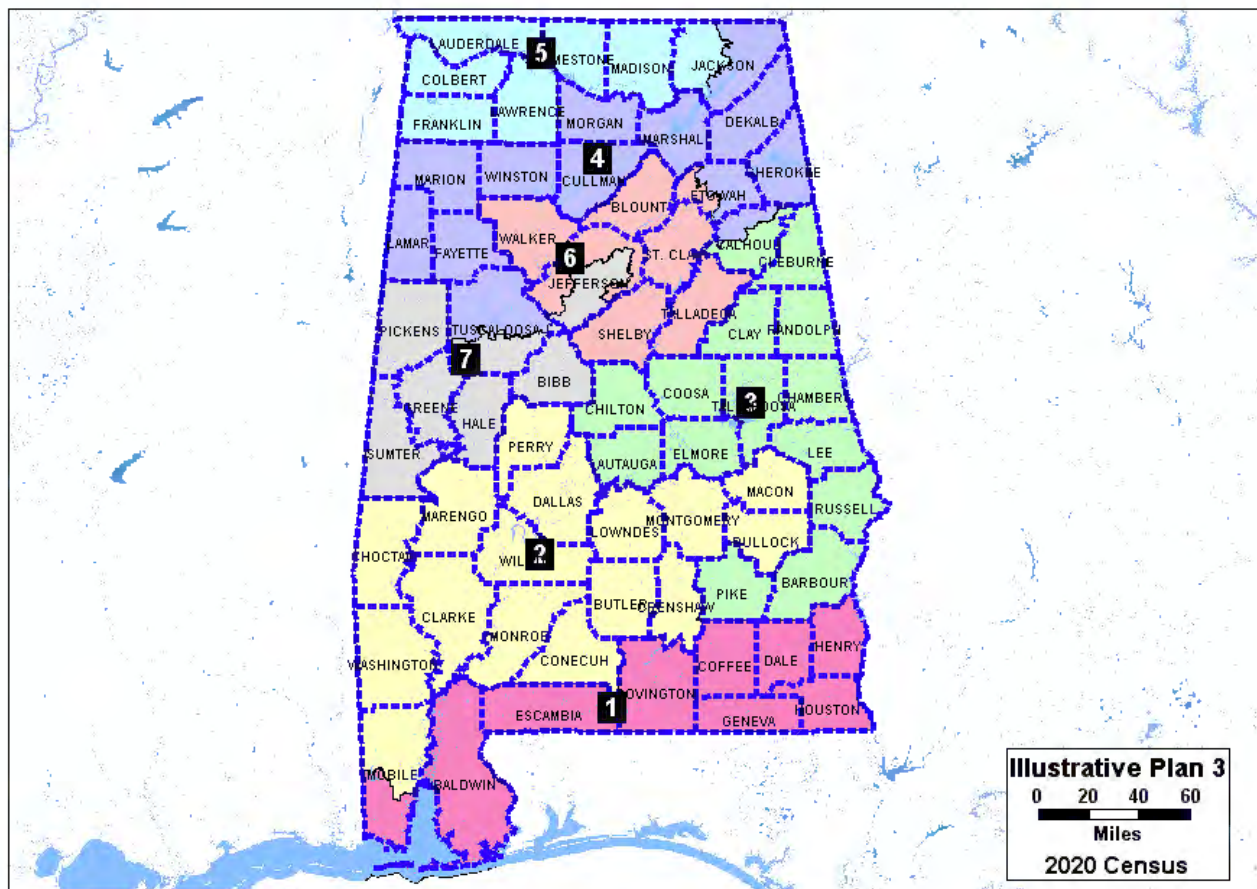
split in Calhoun County could be eliminated by assigning all of Calhoun County to District 3, resulting in just six county splits.<sup>19</sup>

**(c) Illustrative Plan 3**

60. The map in **Figure 12** depicts Illustrative Plan 3. District 2 is 50.27% BVAP and District 7 is 50.09% BVAP.

**Figure 14**

**Alabama U.S. House – Illustrative Plan 3**



61. Majority-Black District 2 encompasses part of Mobile County and extends east to encompass Macon and Bullock Counties.

<sup>19</sup> *Tennant v. Jefferson Cnty. Comm'n*, 567 U.S. 758 (2012).

62. Majority-Black District 7 encompasses part of Jefferson County and extends south to Tuscaloosa County and west to Sumter and Pickens Counties.

63. The table in **Figure 15** shows 2020 summary population statistics for Illustrative Plan 3. **Exhibit I-1** contains detailed 2020 population statistics by district.

**Figure 15**

**Illustrative Plan 3– 2020 Census**

District	Population	18+ Pop	% 18+ AP Black	% 18+ NH White
1	717753	557048	17.23%	73.86%
2	717752	559299	50.27%	43.53%
3	717755	562300	25.49%	66.43%
4	717755	559374	7.30%	82.21%
5	717755	561688	18.66%	70.63%
6	717755	554093	11.93%	79.81%
7	717754	563364	50.09%	42.12%

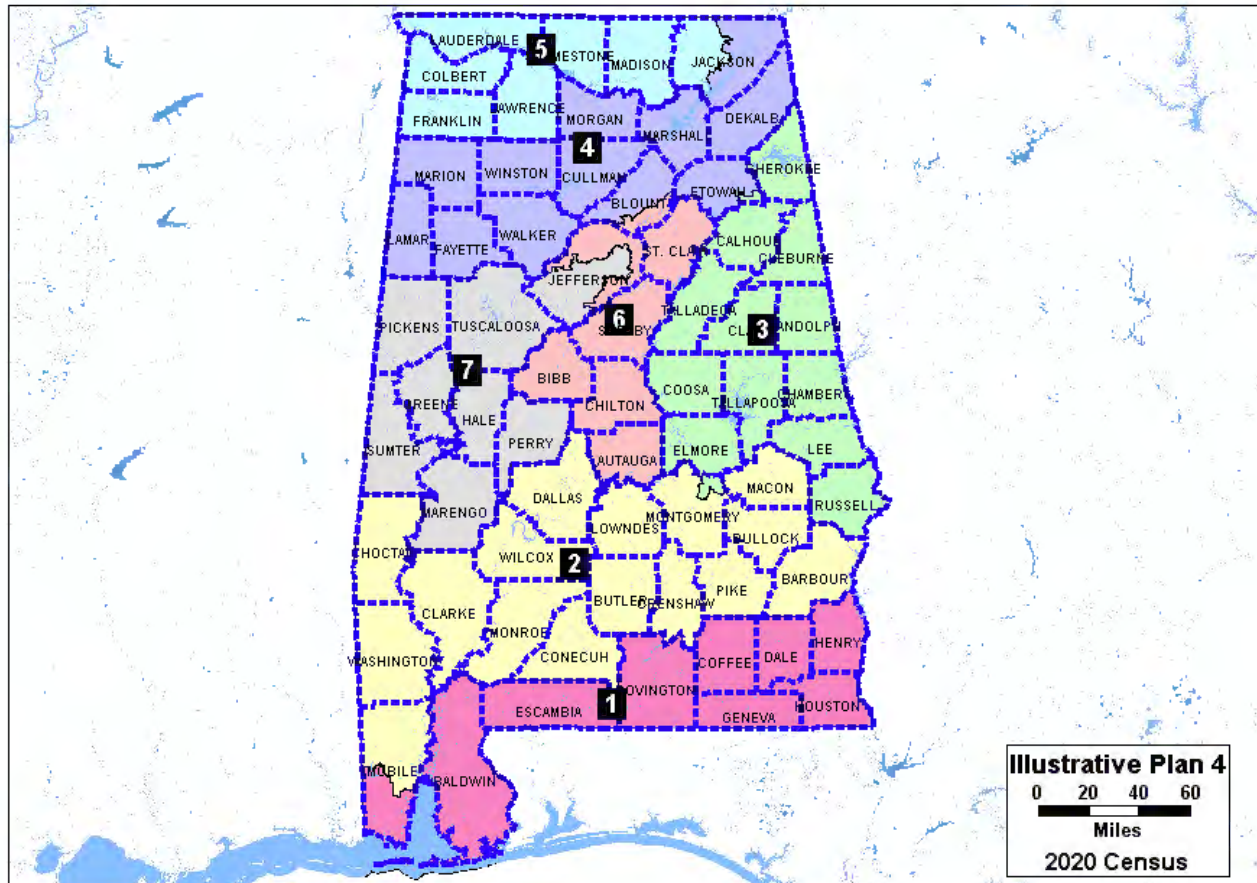
64. The Illustrative Plan 3 maps in the **Exhibit I** series are identical in format to the Exhibit G and H series. As shown in **Exhibit I-4**, Illustrative Plan 3 splits six counties and populated areas in 10 VTDs.

**(d) Illustrative Plan 4**

65. The map in **Figure 16** depicts Illustrative Plan 4. District 2 is 50.07% BVAP and District 7 is 50.09% BVAP.

### Figure 16

## Alabama U.S. House – Illustrative Plan 4



66. Majority-Black District 2 encompasses part of Mobile County, extends north to include all of Choctaw County, then east to the Georgia state line to include all of Barbour County – part of the historical Black Belt.

67. Majority-Black District 7 encompasses part of Jefferson County and all of Tuscaloosa County and stretches west to the Mississippi state line, with Perry and Marengo Counties forming the eastern border.

68. The table in **Figure 17** shows 2020 summary population statistics for Illustrative Plan 4. **Exhibit J-1** contains detailed 2020 population statistics by district.

**Figure 17**

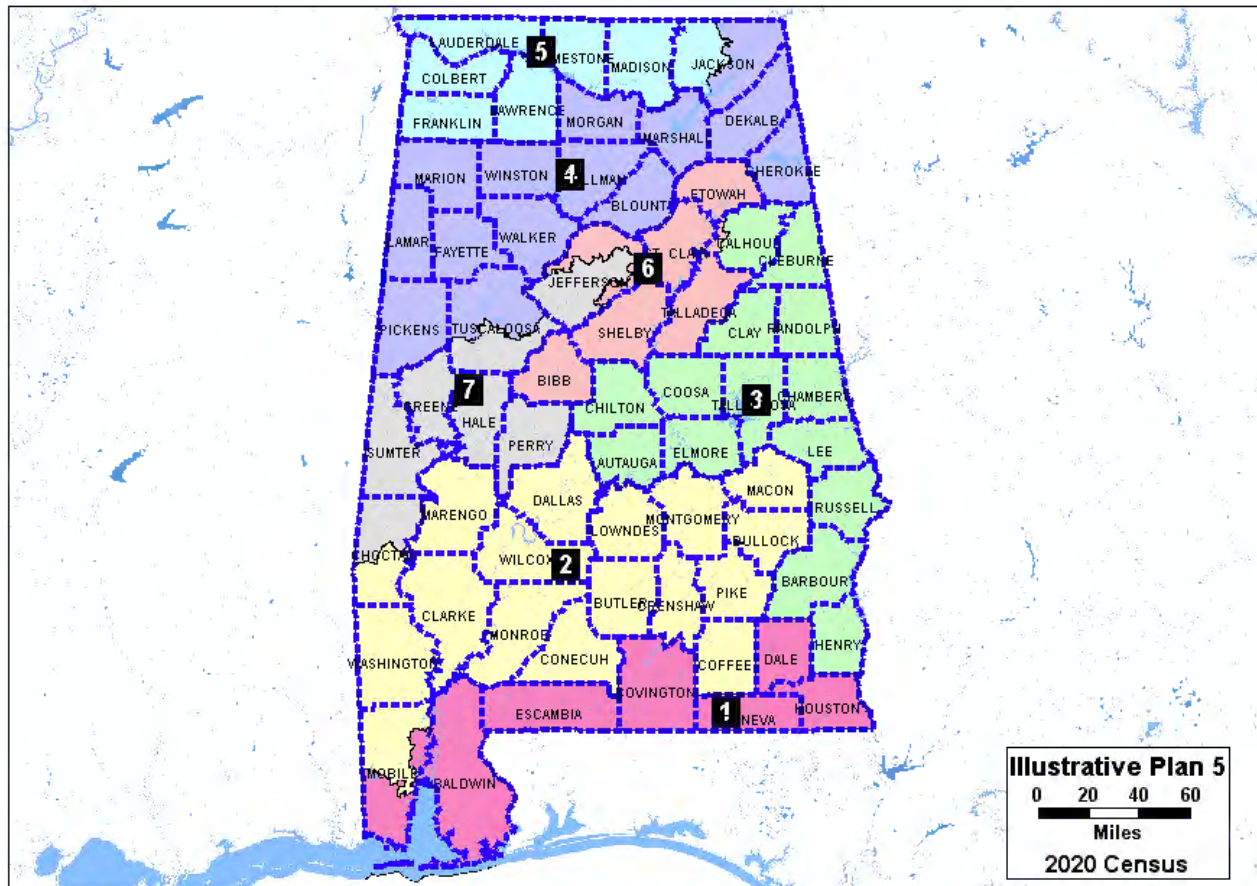
**Illustrative Plan 4 – 2020 Census**

District	Population	18+ Pop	% 18+ AP Black	% 18+ NH White
1	717753	557046	17.23%	73.87%
2	717752	561374	50.07%	43.92%
3	717755	564004	25.10%	67.19%
4	717755	556215	6.73%	82.75%
5	717755	561685	18.66%	70.63%
6	717755	554035	12.93%	77.83%
7	717754	562807	50.09%	42.53%

69. The Illustrative Plan 4 maps in the **Exhibit J** series are identical in format to the maps in the Exhibit G, H, and I series. As shown in **Exhibit J-4** Illustrative Plan 4 splits six counties and populated areas in 12 VTDs.

**(e) Illustrative Plan 5**

70. The map in **Figure 18** depicts Illustrative Plan 5. District 2 is 50.24% BVAP and District 7 is 50.09% BVAP.

**Figure 18****Alabama U.S. House – Illustrative Plan 5**

71. Majority-Black District 2 encompasses part of Mobile County, extends north to include all of Washington County and part of Choctaw County, then east through the Black Belt counties. Macon, Bullock, and Pike Counties form the eastern boundary, along with Coffee County, where the current District 2 incumbent resides.

72. Majority-Black District 7 encompasses part of the Counties of Jefferson and Tuscaloosa, extends west to the Mississippi state line, then south to share Choctaw County with District 2 and east to Perry County.

73. The table in **Figure 19** shows 2020 summary population statistics for Illustrative Plan 5. **Exhibit K-1** contains detailed 2020 population statistics by district.

**Figure 19**

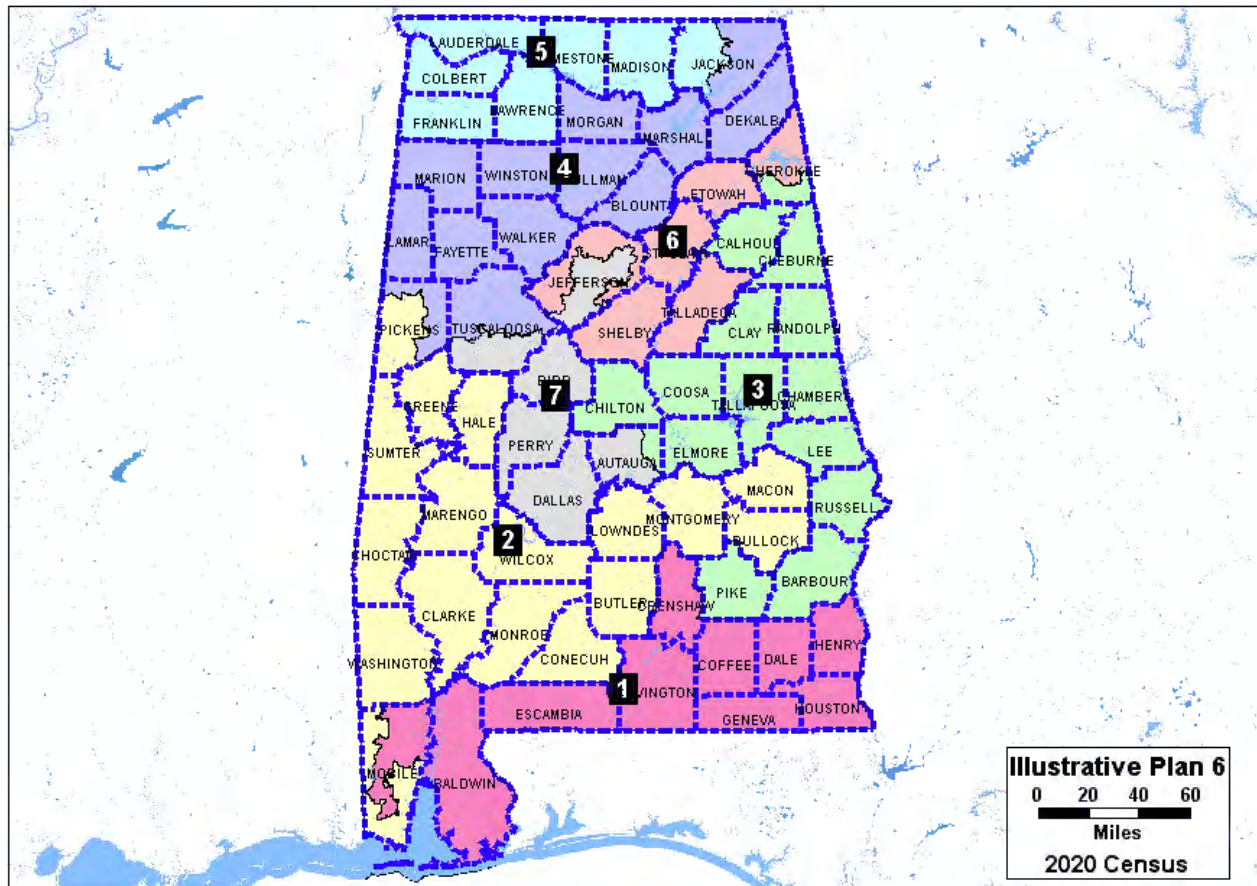
**Illustrative Plan 5 – 2020 Census**

District	Population	18+ Pop	% 18+ AP Black	% 18+ NH White
1	717754	557535	17.12%	74.18%
2	717755	557677	50.24%	43.20%
3	717754	564281	24.52%	67.49%
4	717754	556133	6.10%	83.50%
5	717754	561187	18.66%	70.63%
6	717754	552286	14.16%	77.64%
7	717754	568067	50.09%	42.02%

74. The Illustrative Plan 5 maps in the **Exhibit K** series are identical in format to the maps in the Exhibit G, H, I, and J series. As shown in **Exhibit K-4**, Illustrative Plan 5 splits six counties and populated areas in 20 VTDs.

**(f) Illustrative Plan 6**

75. The map in **Figure 20** depicts Illustrative Plan 6. District 2 is 51.28% BVAP and District 7 is 51.09% BVAP.

**Figure 20****Alabama U.S. House – Illustrative Plan 6**

76. Illustrative Plan 6 demonstrates that it is possible to create a second-majority-Black district while keeping all of the population in the Cities of Mobile and Montgomery, as well as Montgomery County, whole in the new district. The enacted 2011 Plan and the enacted 2021 Plan split the City of Montgomery.

77. Majority-Black District 2 encompasses part of Mobile County, including all of the City of Mobile, before extending north to include the Black Belt counties on the Mississippi state line. Part of Pickens County is shared with District 4.

78. At the Washington County line, District 2 extends as far east as Macon and Bullock Counties, including all of Montgomery County.

79. Majority-Black District 7 encompasses part of the Counties of Jefferson and Tuscaloosa, extending south to Dallas County. To the east District 7 shares Autauga County with District 3.

80. The table in **Figure 21** shows 2020 summary population statistics for Illustrative Plan 6. **Exhibit L-1** contains detailed 2020 population statistics by district.

**Figure 21**

**Illustrative Plan 6 – 2020 Census**

District	Population	18+ Pop	% 18+ AP Black	% 18+ NH White
1	717753	557535	15.83%	75.27%
2	717755	557677	51.28%	42.36%
3	717753	564281	24.77%	67.22%
4	717754	556133	5.63%	83.83%
5	717755	561187	18.66%	70.63%
6	717755	552286	13.58%	78.31%
7	717754	568067	51.09%	41.08%

81. The Illustrative Plan 6 maps in the **Exhibit L** series are identical in format to the maps in the Exhibit G, H, I, J, and K series. As shown in **Exhibit L-4**, Illustrative Plan 6 splits seven counties and populated areas in 27 VTDs. However, fifteen of the 27 VTD splits are created because the plan generally follows the city limits of the City of Mobile (rather than VTDs) to define the

boundary between District 1 and District 2.

**(g) Compactness Measures**

82. The districts in the illustrative plans are reasonably shaped and compact – and clearly within the normal range for compactness as compared to congressional plans nationwide.<sup>20</sup>

83. **Figure 22** reports compactness scores generated by Maptitude for the 2011 U.S. Congressional Plan, the 2011 BOE Plan, the 2021 U.S. Congressional Plan, and the Illustrative Plans. The table summarizes the Reock<sup>21</sup> and Polsby-Popper<sup>22</sup> scores – the two most widely-referenced measures of compactness. Higher scores indicate higher compactness.

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<sup>20</sup> See, for example, *Redrawing the Map 2012 Addendum* by geospatial firm Azavea – examining the compactness scores for post-2010 congressional plans in all states: [https://2rct3i2488gxf9jvbl1lqhek9-wpengine.netdna-ssl.com/wp-content/uploads/2019/08/Azavea\\_Redistricting-White-Paper-Addendum-2012\\_sm.pdf](https://2rct3i2488gxf9jvbl1lqhek9-wpengine.netdna-ssl.com/wp-content/uploads/2019/08/Azavea_Redistricting-White-Paper-Addendum-2012_sm.pdf)

<sup>21</sup> “The Reock test is an area-based measure that compares each district to a circle, which is considered to be the most compact shape possible. For each district, the Reock test computes the ratio of the area of the district to the area of the minimum enclosing circle for the district. The measure is always between 0 and 1, with 1 being the most compact. The Reock test computes one number for each district and the minimum, maximum, mean and standard deviation for the plan.” *Maptitude For Redistricting* software documentation (authored by the Caliper Corporation).

<sup>22</sup> The Polsby-Popper test computes the ratio of the district area to the area of a circle with the same perimeter:  $4\pi \text{Area} / (\text{Perimeter}^2)$ . The measure is always between 0 and 1, with 1 being the most compact. The Polsby-Popper test computes one number for each district and the minimum, maximum, mean and standard deviation for the plan. *Maptitude For Redistricting* software documentation (authored by the Caliper Corporation).

**Figure 22****Compactness Scores – Illustrative Plans vs 2011 Plans and 2021 Plan**

	Reock			Polsby-Popper			
		Low	High			Low	High
2011 U.S. Congressional Plan							
All Districts (mean avg.)	.38	.22	.49		.19	.13	.29
CD 2	.49				.22		
CD 7	.38				.13		
2011 BOE Plan							
All Districts (mean avg.)	.40	.24	.52		.19	.15	.22
BOE District 4	.40				.15		
BOE District 5	.37				.15		
2021 U.S. Congressional Plan							
All Districts (mean avg.)	.38	.30	.50		.22	.15	.32
CD 2	.50				.26		
CD 7	.43				.19		
Illustrative Plan 1							
All Districts (mean avg.)	.34	.21	.47		.18	.13	.33
District 2	.36				.18		
District 7	.37				.13		
Illustrative Plan 2							
All Districts (mean avg.)	.34	.21	.52		.18	.12	.33
District 2	.31				.12		
District 7	.40				.13		
Illustrative Plan 3							
All Districts (mean avg.)	.34	.20	.47		.18	.12	.33
District 2	.33				.14		
District 7	.37				.13		
Illustrative Plan 4							
All Districts (mean avg.)	.33	.20	.41		.22	.13	.34
District 2	.33				.24		
District 7	.41				.24		
Illustrative Plan 5							
All Districts (mean avg.)	.29	.19	.39		.18	.11	.33
District 2	.39				.19		
District 7	.23				.11		
Illustrative Plan 6							
All Districts (mean avg.)	.31	.24	.35		.16	.10	.34
District 2	.29				.11		
District 7	.34				.11		

84. Compared to the 2021 Plan, the Illustrative Plans are generally in the same range of compactness.<sup>23</sup>

## V. SOCIOECONOMIC PROFILE OF ALABAMA

85. Non-Hispanic Whites in Alabama significantly outpace African Americans across a broad range of socioeconomic measures, as reported in the 1-year 2019 ACS.<sup>24</sup> This disparity is summarized below and depicted with further detail in charts found in **Exhibit M-1** and the table in **Exhibit M-2**.

86. For additional socioeconomic data by congressional district in the general region where the illustrative plans create two majority-Black districts, see **Exhibits N** (CD 1), **Exhibits O** (CD 2), **Exhibits P** (CD 3), **Exhibits Q** (CD 6), and **Exhibits R** (CD 7).<sup>25</sup>

### *(a) Income*

- African Americans in Alabama experience a poverty rate (23.4%) that is more than twice that of Whites (11.5%). (**Exhibit M-1 at p. 22 and Exhibit M-2 at p. 8**)

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<sup>23</sup> As noted in footnote 13 (*supra*), I do not have a GIS shapefile for the 2021 BOE Plan, so I am unable to run compactness scores on that plan.

<sup>24</sup> In this section, as elsewhere in this report, “White” refers to NH White. Black or African American refers to Any Part Black.

<sup>25</sup> Source: <https://data.census.gov/cedsci/table?text=s0201&t=-0A%20-%20All%20available%20non-Hispanic%20Origin%3A005%20-%20Black%20or%20African%20American%20alone%20or%20in%20combination%20with%20one%20or%20more%20other%20races&g=0400000US01,01%245000000&y=2019&tid=ACSSPP1Y2019.S0201&hidePreview=true>

- The child poverty rate for African Americans is 34.1%, compared to 13.2% of White children. (**Exhibit M-1 at p. 22 and Exhibit M-2 at p. 8**)
- Black median household income is \$35,900, which is just 59.9% of White median household income is \$59,966. (**Exhibit M-1 at p. 14 and Exhibit M-2 at p.7**)
- Per capita income disparities in Alabama track the disparities seen in median household income. Black per capita income is \$20,402, compared to White per capita income of \$32,939. (**Exhibit M-1 at p. 17 and Exhibit M-2 at p. 8**)
- Over a quarter (25.4%) of Black households rely on food stamps, compared to 8.2% of White households. (**Exhibit M-1 at p. 15 and Exhibit M-2 at p. 7**)

*(b) Education*

- Of persons 25 years of age and over, 14.9% of African Americans have not finished high school, compared to 10.9% of their White counterparts. (**Exhibit M-1 at p. 5 and Exhibit M-2 at p. 3**)
- At the other end of the educational scale, for ages 25 and over, 19.4% of African Americans have a bachelor's degree or higher, compared to 28.8% of Whites. (**Exhibit M-1 at p. 5 and Exhibit M-2 at p. 3**)

*(c) Employment*

- The Black unemployment rate (for the population over 16, expressed as a percent of the civilian labor force) is 7.7%, compared to a 3.8% White unemployment rate. (**Exhibit M-1 at p. 11 and Exhibit M-2 at p. 5**)
- Of employed African Americans, 25.8% are in management or professional occupations, compared to 40.3% of Whites. (**Exhibit M-1 at p. 13 and Exhibit M-2 at p. 6**)

*(d) Housing*

- In Alabama, about half of Black householders (50.5%) are homeowners, while over three-quarters of White households (77.1%) are

owner-occupied. (**Exhibit M-1 at p. 21 and Exhibit M-2 at p. 9**)

- About one in eight of Black households (11.7%) lack access to a vehicle, while just 3.8% of White households are without a vehicle. (**Exhibit M-1 at p. 23 and Exhibit M-2 at p. 9**)
- Median home value for Black homeowners is \$101,800, which is just 61.4% of the median home value for Whites (\$165,800). (**Exhibit M-1 at p. 25 and Exhibit M-2 at p.10**)

87. For comparison, I have prepared similar charts depicting socioeconomic characteristics for the state, all Alabama counties, and places with significant Black population according to the 5-year 2015-2019 ACS.<sup>26</sup> These charts are available for download at: [http://www.fairdata2000.com/ACS\\_2015\\_19/Alabama/](http://www.fairdata2000.com/ACS_2015_19/Alabama/)

###

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

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

Executed on: December 10, 2021

  
WILLIAM S. COOPER

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<sup>26</sup> The 2019 1-year ACS is not available for counties and places with populations under 20,000. The 5-year 2015-2019 ACS reports SR Black socioeconomic estimates only. AP Black estimates are not published in the 5-year ACS.

# **Exhibit A**

October 31, 2021

*William S. Cooper*  
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*276-669-8567*  
*bcooper@msn.com*

### **Summary of Redistricting Work**

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

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

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

### **Post-2010 Redistricting Experience**

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

October 31, 2021

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

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

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

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

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

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

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

October 31, 2021

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

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

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

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

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

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

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

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

October 31, 2021

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

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

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

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

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

### **Post-2010 Demographics Experience**

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

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

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

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

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

#### **Historical Redistricting Experience**

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

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

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

October 31, 2021

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

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

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

### **Alabama**

*Chestnut v. Merrill* (2019)

*Alabama State Conference of the NAACP v. Alabama* (2018)

*Alabama Legislative Black Caucus et al. v. Alabama et al.* (2013)

### **Colorado**

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

### **Florida**

*Baroody v. City of Quincy* (2020)

### **Georgia**

*Cofield v. City of LaGrange* (1996)

*Love v. Deal* (1995)

*Askew v. City of Rome* (1995)

*Woodard v. Lumber City* (1989)

### **Louisiana**

*Terrebonne Parish NAACP v. Jindal, et al.* (2017)

*Wilson v. Town of St. Francisville* (1996)

*Reno v. Bossier Parish* (1995)

*Knight v. McKeithen* (1994)

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**Maryland**

*Cane v. Worcester County (1994)*

**Mississippi**

*Thomas v. Bryant (2019)*

*Fairley v. Hattiesburg (2014)*

*Boddie v. Cleveland School District (2010)*

*Fairley v. Hattiesburg (2008)*

*Boddie v. Cleveland (2003)*

*Jamison v. City of Tupelo (2006)*

*Smith v. Clark (2002)*

*NAACP v. Fordice (1999)*

*Addy v Newton County (1995)*

*Ewing v. Monroe County (1995)*

*Gunn v. Chickasaw County (1995)*

*Nichols v. Okolona (1995)*

**Montana**

*Old Person v. Brown (on remand) (2001)*

*Old Person v. Cooney (1998)*

**Missouri**

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

**Nebraska**

*Stabler v. Thurston County (1995)*

**New York**

*NAACP v. East Ramapo Central School District (2020)*

*Pope v. County of Albany (2015)*

*Arbor Hills Concerned Citizens v. Albany County (2003)*

**Ohio**

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

**South Carolina**

*Smith v. Beasley (1996)*

**South Dakota**

*Bone Shirt v. Hazeltine (2004)*

*Cottier v. City of Martin (2004)*

**Tennessee**

*Cousins v. McWherter (1994)*

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

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**Texas**

*Jayla Allen v. Waller County, Texas (2018)*

**Utah**

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

**Virginia**

*Smith v. Brunswick County (1991)*

*Henderson v. Richmond County (1988)*

*McDaniel v. Mehfoud (1988)*

*White v. Daniel (1989)*

**Wyoming**

*Large v. Fremont County (2007)*

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

**Alabama**

*People First of Alabama v. Merrill (2020)*, Covid-19 demographics only

*Alabama State NAACP v. City of Pleasant Grove (2019)*

*James v. Jefferson County Board of Education (2019)*

*Voketz v. City of Decatur (2018)*

**Arkansas**

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

**Connecticut**

*NAACP v. Merrill (2020)*

**Florida**

*Florida State Conference of the NAACP v. Lee, et al, (2021)*

*Calvin v. Jefferson County (2016)*

*Thompson v. Glades County (2001)*

*Johnson v. DeSoto County (1999)*

*Burton v. City of Belle Glade (1997)*

**Georgia**

*Dwight v. Kemp (2018)*

*Georgia NAACP et al. v. Gwinnett County, GA (2018)*

*Georgia State Conference NAACP et al v. Georgia (2018)*

*Georgia State Conference NAACP, et al. v. Fayette County (2015)*

*Knighton v. Dougherty County (2002)*

*Johnson v. Miller (1998)*

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*Jones v. Cook County (1993)*

**Kentucky**

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

**Louisiana**

*Power Coalition for Equity and Justice v. Edwards (2020)*, Covid-19 demographics only

*Johnson v. Ardoin (2019)*

*NAACP v. St. Landry Parish Council (2005)*

*Prejean v. Foster (1998)*

*Rodney v. McKeithen (1993)*

**Maryland**

*Benisek v. Lamone (2017)*

*Fletcher v. Lamone (2011)*

**Mississippi**

*Partee v. Coahoma County (2015)*

*Figgs v. Quitman County (2015)*

*West v. Natchez (2015)*

*Williams v. Bolivar County (2005)*

*Houston v. Lafayette County (2002)*

*Clark v. Calhoun County (on remand) (1993)*

*Teague v. Attala County (on remand) (1993)*

*Wilson v. Clarksdale (1992)*

*Stanfield v. Lee County (1991)*

**Montana**

*Alden v. Rosebud County (2000)*

**North Carolina**

*Lewis v. Alamance County (1991)*

*Gause v. Brunswick County (1992)*

*Webster v. Person County (1992)*

**Rhode Island**

*Davidson v. City of Cranston (2015)*

**South Carolina**

*Thomas v. Andino (2020)*, Covid-19 demographics only

*Vander Linden v. Campbell (1996)*

**South Dakota**

*Kirkie v. Buffalo County (2004)*

*Emery v. Hunt (1999)*

**Tennessee**

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

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**Virginia**

*Moon v. Beyer (1990)*

**Washington**

*Glatt v. City of Pasco (2016)*

*Montes v. City of Yakima (2014)*

###

# **Exhibit B**

## **Exhibit B – Methodology and Sources**

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

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

3. The geographic boundary files that I used with *Maptitude* are created from the U.S. Census 2010 TIGER and 2020 TIGER (Topologically Integrated Geographic Encoding and Referencing) files.

4. I used population data from the 2010 and 2020 PL 94-171 data files published by the U.S. Census Bureau. The PL 94-171 dataset is published in electronic format and is the complete count population file designed by the Census Bureau for use in legislative redistricting. The file contains basic race and ethnicity data on the total population and voting-age population found in units of Census geography such as states, counties, municipalities, townships, reservations, school districts, census tracts, census block groups, precincts (called voting districts or “VTDs” by the Census Bureau) and census blocks.

5. I developed the illustrative plans presented in this report using *Maptitude for Redistricting*. The *Maptitude for Redistricting* software processes the

TIGER files to produce a map for display on a computer screen. The software also merges demographic data from the PL 94-171 files to match the relevant decennial Census geography.

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

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

# # #

# Exhibit C

## 2020 Population by County

County	POP.	BLACK	AP BLACK	% AP BLACK	Latino	NH White	% NH White	18+ POP	18+ BLACK	18+ AP BLACK	%18+ AP BLACK	18+ Latino	NH18+ WHITE	%NH18+ WHITE
AUTAUGA	58805	11445	12266	20.86%	2117	41582	70.71%	44523	8363	8706	19.55%	1339	32408	72.79%
BALDWIN	231767	18217	20913	9.02%	12686	186495	80.47%	182471	13593	14664	8.04%	8197	150877	82.69%
BARBOUR	25223	11933	12261	48.61%	1510	11086	43.95%	20134	9278	9456	46.97%	934	9456	46.97%
BIBB	22293	4413	4643	20.83%	740	16442	73.75%	17533	3564	3669	20.93%	463	13055	74.46%
BLOUNT	59134	845	1250	2.11%	5771	49764	84.15%	45403	647	797	1.76%	3534	39278	86.51%
BULLOCK	10357	7396	7492	72.34%	503	2281	22.02%	8356	5892	5956	71.28%	273	2075	24.83%
BUTLER	19051	8430	8742	45.89%	260	9679	50.81%	14903	6326	6498	43.60%	178	7953	53.37%
CALHOUN	116441	25559	27445	23.57%	5010	79519	68.29%	92289	19865	20663	22.39%	3229	64795	70.21%
CHAMBERS	34772	13512	14009	40.29%	1237	18616	53.54%	27791	10540	10771	38.76%	823	15456	55.62%
CHEROKEE	24971	987	1219	4.88%	400	22563	90.36%	20169	825	912	4.52%	246	18400	91.23%
CHILTON	45014	4067	4537	10.08%	4418	34878	77.48%	34385	3069	3227	9.38%	2735	27517	80.03%
CHOCTAW	12665	5232	5358	42.31%	113	7039	55.58%	10168	4211	4286	42.15%	75	5690	55.96%
CLARKE	23087	10255	10514	45.54%	206	11970	51.85%	18249	7894	8024	43.97%	124	9799	53.70%
CLAY	14236	1963	2204	15.48%	449	11261	79.10%	11299	1530	1612	14.27%	287	9143	80.92%
CLEBURNE	15056	466	556	3.69%	284	13740	91.26%	11620	372	401	3.45%	187	10689	91.99%
COFFEE	53465	8760	9834	18.39%	4887	35759	66.88%	40774	6644	7118	17.46%	2996	28431	69.73%
COLBERT	57227	9286	10135	17.71%	1732	43241	75.56%	45078	7169	7481	16.60%	1061	34902	77.43%
CONECUH	11597	5104	5236	45.15%	256	5835	50.31%	9277	3961	4045	43.60%	155	4872	52.52%
COOSA	10387	3008	3168	30.50%	201	6807	65.53%	8603	2466	2559	29.75%	112	5753	66.87%
COVINGTON	37570	4607	5088	13.54%	654	30657	81.60%	29387	3482	3634	12.37%	414	24420	83.10%
CRENSHAW	13194	3103	3360	25.47%	187	9333	70.74%	10360	2401	2517	24.30%	119	7477	72.17%
CULLMAN	87866	937	1408	1.60%	4146	78298	89.11%	68240	727	890	1.30%	2533	61747	90.49%
DALE	49326	10241	11239	22.79%	3254	32602	66.09%	38048	7505	7924	20.83%	2101	26220	68.91%
DALLAS	38462	26899	27497	71.49%	296	10363	26.94%	29613	20104	20496	69.21%	217	8645	29.19%
DEKALB	71608	1046	1595	2.23%	11744	54529	76.15%	53920	831	1036	1.92%	6600	43414	80.52%
ELMORE	87977	18211	19305	21.94%	2793	62540	71.09%	69005	14031	14451	20.94%	1786	50273	72.85%
ESCAMBIA	36757	10991	11571	31.48%	751	22004	59.86%	28575	8495	8726	30.54%	444	17665	61.82%
ETOWAH	103436	15146	16762	16.21%	4895	77731	75.15%	81121	11488	12181	15.02%	2916	62803	77.42%
FAYETTE	16321	1736	1961	12.02%	396	13552	83.03%	12791	1336	1428	11.16%	245	10805	84.47%
FRANKLIN	32113	1166	1475	4.59%	6259	23581	73.43%	23931	911	1003	4.19%	3729	18607	77.75%
GENEVA	26659	2241	2727	10.23%	1296	21654	81.23%	20820	1775	1942	9.33%	793	17295	83.07%
GREENE	7730	6246	6354	82.20%	61	1285	16.62%	6070	4806	4886	80.49%	50	1099	18.11%
HALE	14785	8337	8533	57.71%	149	5972	40.39%	11483	6370	6494	56.55%	93	4793	41.74%
HENRY	17146	4248	4445	25.92%	334	11842	69.07%	13641	3429	3521	25.81%	215	9523	69.81%
HOUSTON	107202	28408	30210	28.18%	4481	68251	63.67%	82646	20476	21308	25.78%	2855	55285	66.89%

## 2020 Population by County

County	POP.	BLACK	AP BLACK	% AP BLACK	Latino	NH White	% NH White	18+ POP	18+ BLACK	18+ AP BLACK	%18+ AP BLACK	18+ Latino	NH18+ WHITE	%NH18+ WHITE
JACKSON	52579	1636	2181	4.15%	1681	45123	85.82%	41768	1309	1493	3.57%	1040	36475	87.33%
JEFFERSON	674721	281326	289515	42.91%	34856	324252	48.06%	527087	213751	218505	41.46%	22613	265750	50.42%
LAMAR	13972	1425	1623	11.62%	208	11924	85.34%	11019	1145	1222	11.09%	133	9509	86.30%
LAUDERDALE	93564	9243	10460	11.18%	3078	76491	81.75%	74908	7061	7586	10.13%	1990	62564	83.52%
LAWRENCE	33073	3304	3672	11.10%	895	24714	74.73%	25878	2726	2855	11.03%	580	19700	76.13%
LEE	174241	39570	42011	24.11%	9135	109795	63.01%	136444	30298	31477	23.07%	6130	88441	64.82%
LIMESTONE	103570	13307	14937	14.42%	7248	75692	73.08%	79718	10495	11145	13.98%	4294	60128	75.43%
LOWNDES	10311	7192	7336	71.15%	140	2807	27.22%	8283	5603	5724	69.11%	98	2426	29.29%
MACON	19532	15441	15792	80.85%	361	3187	16.32%	16226	12849	13096	80.71%	271	2699	16.63%
MADISON	388153	92066	99875	25.73%	24936	237497	61.19%	304143	70675	74617	24.53%	16137	193636	63.67%
MARENGO	19323	10188	10400	53.82%	368	8375	43.34%	15053	7735	7860	52.22%	262	6816	45.28%
MARION	29341	1106	1453	4.95%	863	26093	88.93%	23264	880	992	4.26%	519	21022	90.36%
MARSHALL	97612	2428	3286	3.37%	15658	74666	76.49%	73530	1725	2028	2.76%	8841	59519	80.95%
MOBILE	414809	146254	152471	36.76%	13425	226703	54.65%	319427	107190	110361	34.55%	9156	183208	57.36%
MONROE	19772	8299	8541	43.20%	207	10334	52.27%	15562	6341	6446	41.42%	128	8439	54.23%
MONTGOMER	228954	130467	134029	58.54%	10684	73354	32.04%	177427	97867	99936	56.33%	6663	62431	35.19%
MORGAN	123421	15453	17197	13.93%	12377	88238	71.49%	95485	11562	12209	12.79%	7447	71523	74.90%
PERRY	8511	5936	6050	71.08%	89	2345	27.55%	6740	4524	4592	68.13%	63	2051	30.43%
PICKENS	19123	7489	7718	40.36%	1053	10066	52.64%	15447	5820	5931	38.40%	911	8395	54.35%
PIKE	33009	12138	12707	38.50%	905	18036	54.64%	26809	9524	9830	36.67%	622	15241	56.85%
RANDOLPH	21967	3815	4118	18.75%	605	16629	75.70%	17264	2931	3030	17.55%	336	13420	77.73%
RUSSELL	59183	26243	27708	46.82%	3195	26679	45.08%	44681	19225	19859	44.45%	1945	21606	48.36%
ST. CLAIR	91103	8652	9604	10.54%	2575	74962	82.28%	70092	6631	7034	10.04%	1589	58554	83.54%
SHELBY	223024	28939	31472	14.11%	16460	162712	72.96%	170487	21411	22511	13.20%	10463	128516	75.38%
SUMTER	12345	8997	9117	73.85%	131	2937	23.79%	9914	7052	7144	72.06%	107	2530	25.52%
TALLADEGA	82149	26439	27581	33.57%	1779	50732	61.76%	65024	20345	20850	32.07%	1171	41371	63.62%
TALLAPOOSA	41311	10409	10860	26.29%	1144	28252	68.39%	33012	7841	8040	24.35%	707	23419	70.94%
TUSCALOOSA	227036	69088	71742	31.60%	12298	134880	59.41%	179024	51418	52893	29.55%	8589	111143	62.08%
WALKER	65342	3929	4603	7.04%	2152	56394	86.31%	51667	3026	3243	6.28%	1354	45315	87.71%
WASHINGTON	15388	3318	3502	22.76%	138	10267	66.72%	12081	2641	2720	22.51%	95	8180	67.71%
WILCOX	10600	7483	7598	71.68%	112	2866	27.04%	8260	5639	5713	69.16%	80	2445	29.60%
WINSTON	23540	141	265	1.13%	815	21598	91.75%	18766	107	148	0.79%	464	17452	93.00%

# **Exhibit D-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Enacted 2021 Plan

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717754	0	0.00%	196827	27.42%	27196	3.79%	455278	63.43%
2	717755	1	0.00%	228648	31.86%	31708	4.42%	426142	59.37%
3	717754	0	0.00%	187284	26.09%	26849	3.74%	473307	65.94%
4	717754	0	0.00%	59655	8.31%	53874	7.51%	573666	79.93%
5	717754	0	0.00%	136782	19.06%	47307	6.59%	491054	68.42%
6	717754	0	0.00%	145897	20.33%	46872	6.53%	491446	68.47%
7	717754	0	0.00%	409643	57.07%	30241	4.21%	260458	36.29%
<b>Total</b>	<b>5024279</b>		0.00%	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	557535	142777	25.61%	18014	3.23%	367960	66.00%
2	557677	167971	30.12%	19933	3.57%	345900	62.03%
3	564281	141011	24.99%	17334	3.07%	382226	67.74%
4	556133	42819	7.70%	31463	5.66%	458324	82.41%
5	561187	101339	18.06%	29646	5.28%	397809	70.89%
6	552286	104551	18.93%	29711	5.38%	393028	71.16%
7	568067	313904	55.26%	20755	3.65%	219297	38.60%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

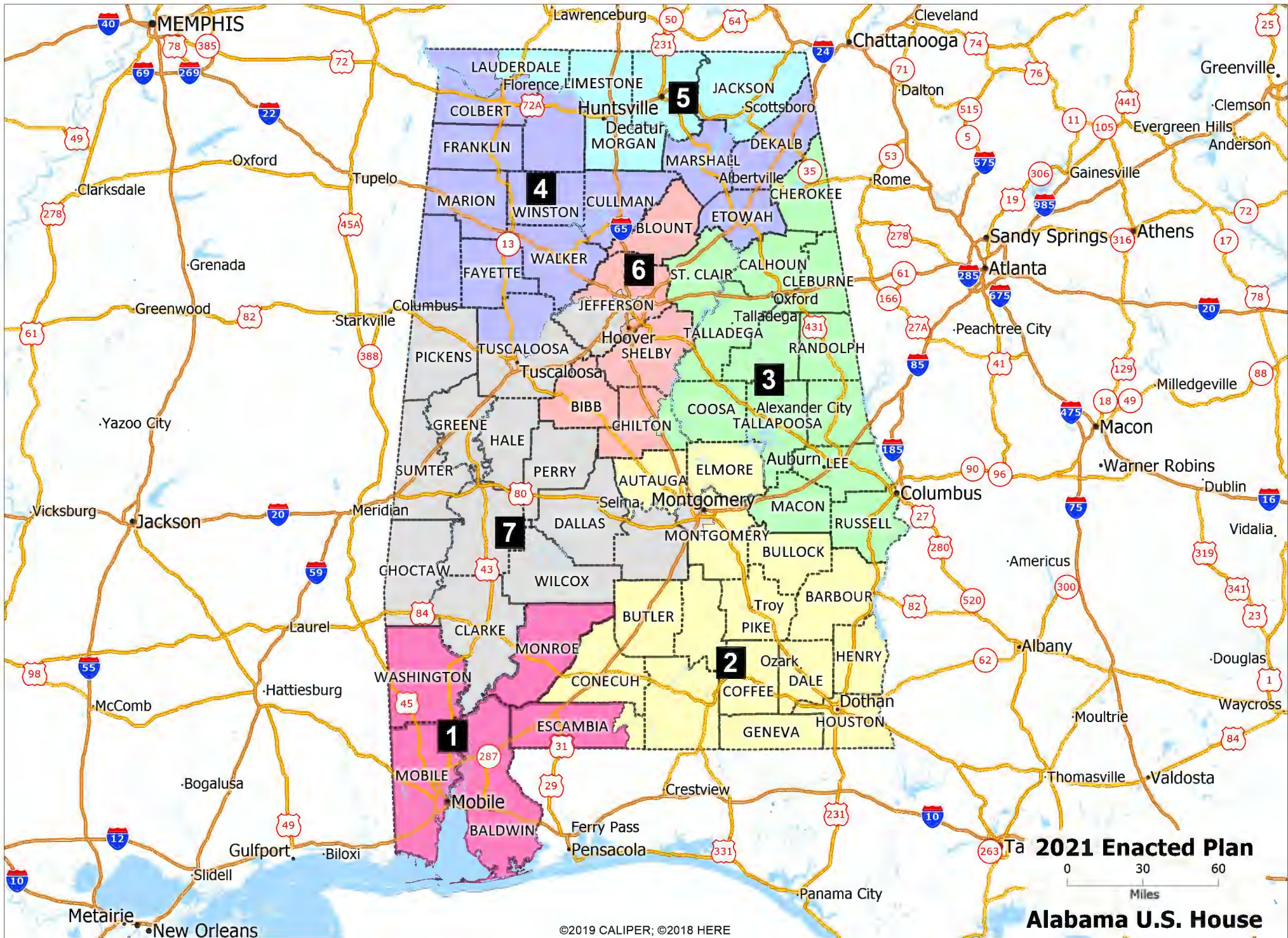
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	26.59%	2.06%	68.30%
2	30.54%	1.97%	65.37%
3	25.00%	1.79%	71.51%
4	7.73%	2.22%	87.83%
5	18.07%	2.48%	76.03%
6	18.99%	2.05%	76.97%
7	57.51%	1.14%	40.14%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

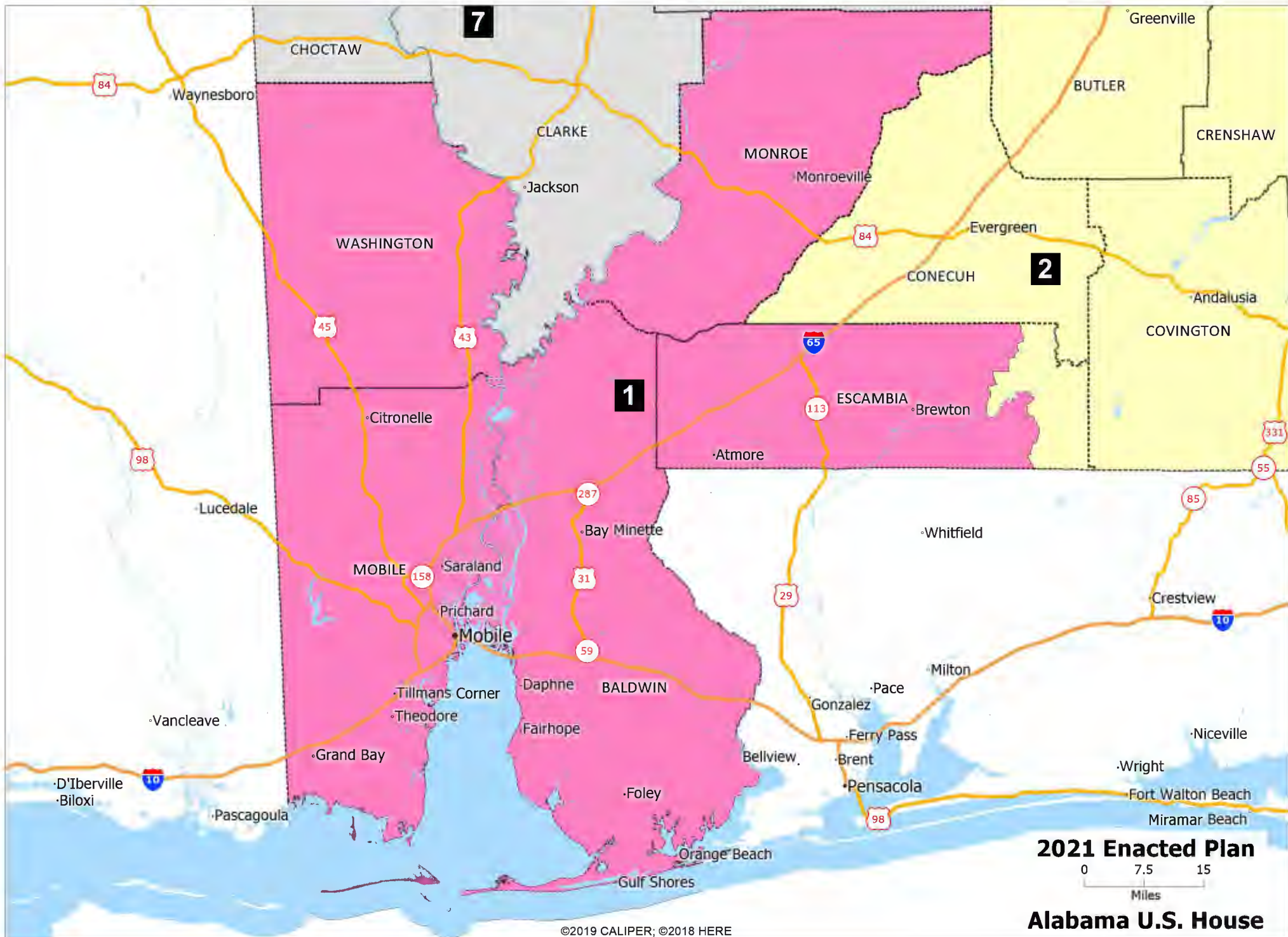
Source for CVAP disaggregation: Redistricting Data Hub

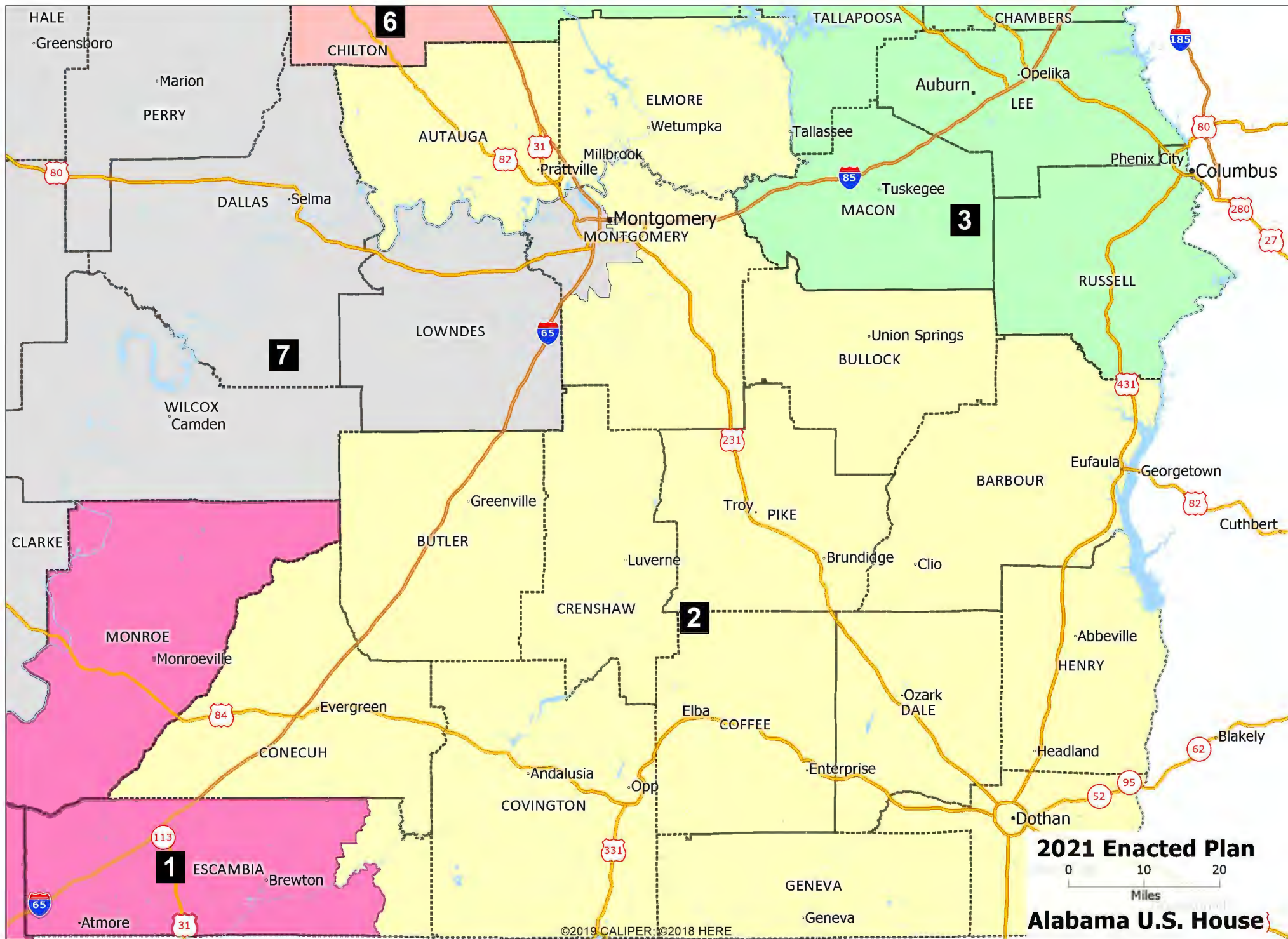
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-block-level-2019/>

# **Exhibit D-2**



# **Exhibit D-3**







# **Exhibit D-4**

User:

Plan Name: **AL\_Enacted Congress 2021 Plan**Plan Type: **Congress**

## Political Subdivison Splits Between Districts

Sunday, December 5, 2021

4:58 PM

Number of subdivisions not split:

County	61
Voting District	1,830

Number of subdivisions split into more than one district:

County	6
Voting District	7

Number of splits involving no population:

County	0
Voting District	0

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 6

#### *Voting District*

Cases where an area is split among 2 Districts: 7

County	Voting District	District	Population
<i>Split Counties:</i>			
Chilton AL		3	12,405
Chilton AL		6	32,609
Escambia AL		1	36,018
Escambia AL		2	739
Jefferson AL		6	380,694
Jefferson AL		7	294,027
Lauderdale AL		4	43,533
Lauderdale AL		5	50,031
Montgomery AL		2	166,435
Montgomery AL		7	62,519
Tuscaloosa AL		4	42,770
Tuscaloosa AL		7	184,266
<i>Split VTDs:</i>			
Chilton AL	Cane Creek Fire St	3	1,378
Chilton AL	Cane Creek Fire St	6	264
Escambia AL	Damascus-Boykin School	1	134
Escambia AL	Damascus-Boykin School	2	482
Jefferson AL	Avondale Public Library	6	3,007
Jefferson AL	Avondale Public Library	7	271
Jefferson AL	Minor FD	6	3,421
Jefferson AL	Minor FD	7	2,128
Lauderdale AL	Killen Ch Christ Annex	4	2,072
Lauderdale AL	Killen Ch Christ Annex	5	2,577
Montgomery AL	Whitfield UM Church	2	4,132

**Political Subdivison Splits Between Districts**

AL\_adopted\_2021\_DRA\_versi

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Montgomery AL	Whitfield UM Church	7	816
Tuscaloosa AL	Flatwoods Church	4	3
Tuscaloosa AL	Flatwoods Church	7	5,681

# **Exhibit E-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- 2011 Plan

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	726276	8522	1.19%	199586	27.48%	27287	3.76%	460759	63.44%
2	693466	-24288	-3.38%	224221	32.33%	31622	4.56%	410733	59.23%
3	735132	17378	2.42%	198228	26.96%	27594	3.75%	474834	64.59%
4	702982	-14772	-2.06%	54662	7.78%	53410	7.60%	564825	80.35%
5	761102	43348	6.04%	144648	19.01%	49310	6.48%	522888	68.70%
6	740710	22956	3.20%	128681	17.37%	46158	6.23%	530162	71.57%
7	664611	-53143	-7.40%	414710	62.40%	28666	4.31%	207150	31.17%
<b>Total</b>	<b>5024279</b>		<b>13.44%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	564302	144863	25.67%	18071	3.20%	372441	66.00%
2	539812	165202	30.60%	19863	3.68%	333998	61.87%
3	576455	148910	25.83%	17837	3.09%	383055	66.45%
4	543423	39038	7.18%	31126	5.73%	450179	82.84%
5	595873	107050	17.97%	30902	5.19%	424200	71.19%
6	572838	93787	16.37%	29214	5.10%	423204	73.88%
7	524463	315522	60.16%	19843	3.78%	177467	33.84%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	26.65%	2.04%	68.27%
2	31.15%	2.04%	64.85%
3	25.74%	1.79%	70.59%
4	7.19%	2.21%	88.34%
5	17.93%	2.45%	76.32%
6	15.79%	1.91%	80.26%
7	62.81%	1.19%	34.92%

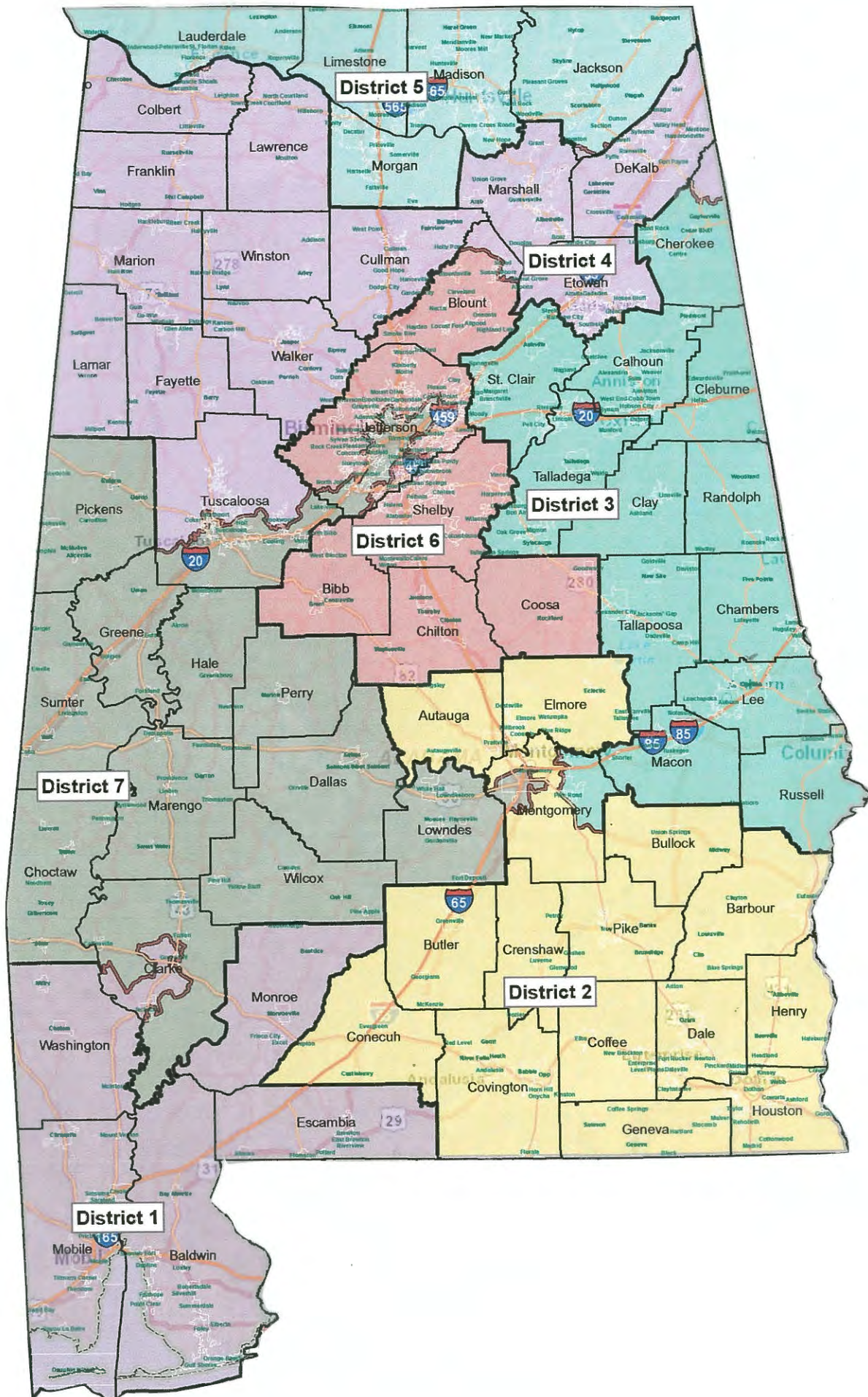
Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

Source for CVAP disaggregation: Redistricting Data Hub

<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-block-level-2019/>

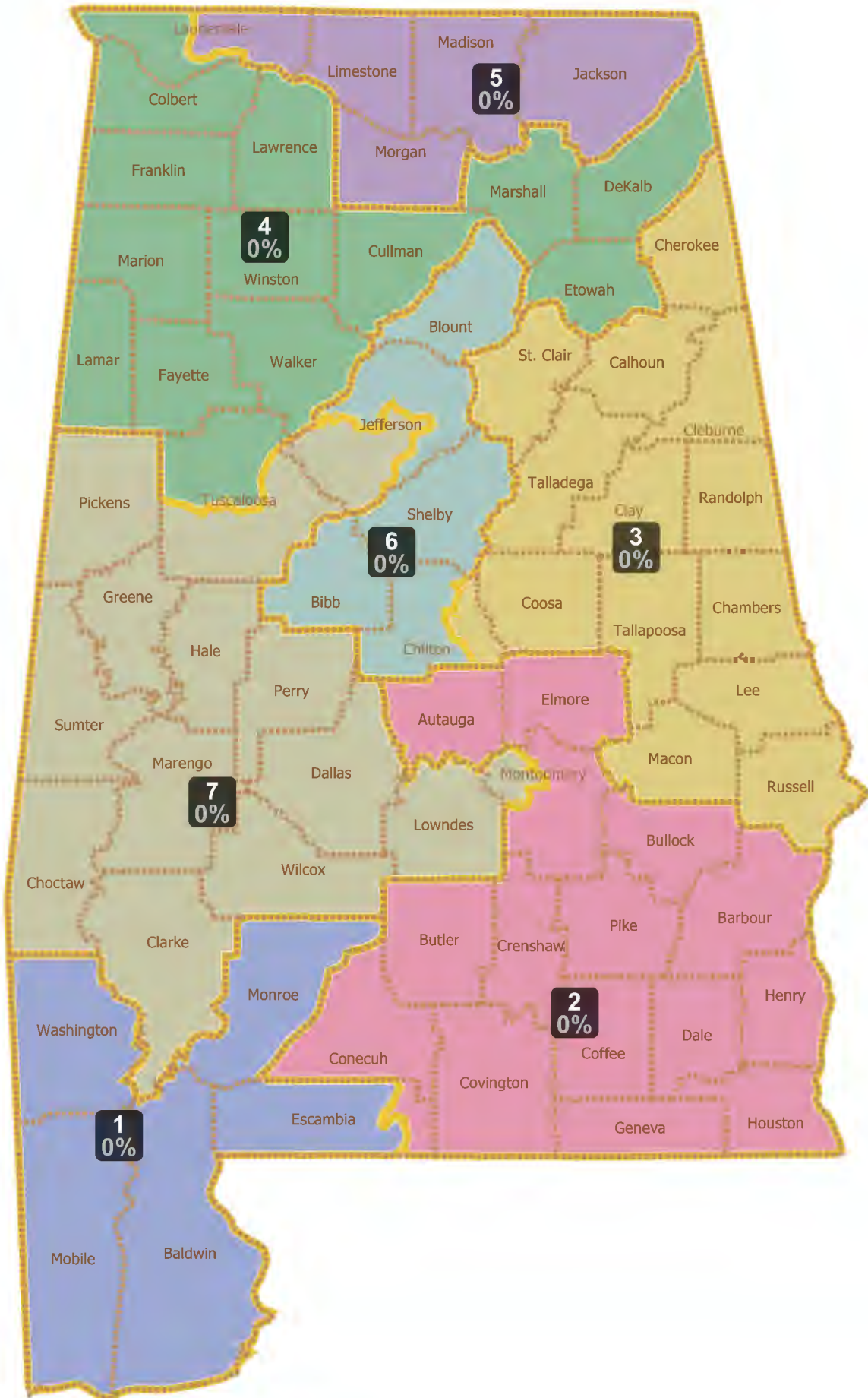
# **Exhibit E-2**

# 2011 Congressional Districts



# **Exhibit E-3**

## Pringle Congressional Plan 1



# **Exhibit E-4**

User:

Plan Name: **Enacted Congress 2011 Plan**Plan Type: **Congress**

## Political Subdivison Splits Between Districts

Sunday, December 5, 2021

4:52 PM

Number of subdivisions not split:

County	60
Voting District	1,757

Number of subdivisions split into more than one district:

County	7
Voting District	80

Number of splits involving no population:

County	0
Voting District	33

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 6

Cases where an area is split among 3 Districts: 1

#### *Voting District*

Cases where an area is split among 2 Districts: 80

County	Voting District	District	Population
<i>Split Counties:</i>			
Blount AL		4	5,012
Blount AL		6	54,122
Cherokee AL		3	23,274
Cherokee AL		4	1,697
Clarke AL		1	7,783
Clarke AL		7	15,304
Jackson AL		4	185
Jackson AL		5	52,394
Jefferson AL		6	385,870
Jefferson AL		7	288,851
Montgomery AL		2	142,885
Montgomery AL		3	41,867
Montgomery AL		7	44,202
Tuscaloosa AL		4	64,637
Tuscaloosa AL		7	162,399

#### *Split VTDs:*

Blount AL	Brooksville	4	293
Blount AL	Brooksville	6	782
Blount AL	Rock Springs	4	384
Blount AL	Rock Springs	6	895
Blount AL	Snead Comm Ctr	4	2,429
Blount AL	Snead Comm Ctr	6	452
Blount AL	Susan Moore	4	583

**Political Subdivision Splits Between Districts**

Enacted Congress B-V-C

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Blount AL	Susan Moore	6	1,488
Cherokee AL	Broomtown VFD	3	9
Cherokee AL	Broomtown VFD	4	684
Cherokee AL	Gaylesville City Hall	3	799
Cherokee AL	Gaylesville City Hall	4	82
Cherokee AL	Unity Bapt Church	3	643
Cherokee AL	Unity Bapt Church	4	73
Cherokee AL	Valley Church	3	270
Cherokee AL	Valley Church	4	106
Clarke AL	Fulton City Hall	1	0
Clarke AL	Fulton City Hall	7	883
Clarke AL	Grove Hill	1	3,252
Clarke AL	Grove Hill	7	0
Clarke AL	Jackson City Hall	1	303
Clarke AL	Jackson City Hall	7	2,166
Clarke AL	Salitpa FD	1	273
Clarke AL	Salitpa FD	7	0
Clarke AL	Whatley	1	0
Clarke AL	Whatley	7	997
Jackson AL	Langston City Hall	4	8
Jackson AL	Langston City Hall	5	295
Jackson AL	Macedonia School	4	147
Jackson AL	Macedonia School	5	1,254
Jackson AL	New Hope Church	4	30
Jackson AL	New Hope Church	5	438
Jefferson AL	Adamsville Church of God	6	2,251
Jefferson AL	Adamsville Church of God	7	1,020
Jefferson AL	Avondale Public Library	6	2,666
Jefferson AL	Avondale Public Library	7	612
Jefferson AL	Bessemer Civic Ctr	6	0
Jefferson AL	Bessemer Civic Ctr	7	8,626
Jefferson AL	Bessemer FD #5	6	1,823
Jefferson AL	Bessemer FD #5	7	0
Jefferson AL	Birmingham Botanical Gardens	6	1,114
Jefferson AL	Birmingham Botanical Gardens	7	210
Jefferson AL	Brooklane Comm Church	6	5,343
Jefferson AL	Brooklane Comm Church	7	0
Jefferson AL	Center Pt 1st Bapt	6	1,298
Jefferson AL	Center Pt 1st Bapt	7	8,458
Jefferson AL	Crestwood Ed Ctr	6	4,391
Jefferson AL	Crestwood Ed Ctr	7	0
Jefferson AL	Dolomite W Field Comm Ctr	6	70
Jefferson AL	Dolomite W Field Comm Ctr	7	1,852
Jefferson AL	Don Hawkins Pk & Rec	6	104

**Political Subdivison Splits Between Districts**

Enacted Congress B-V-C

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jefferson AL	Don Hawkins Pk & Rec	7	3,909
Jefferson AL	Dunbar-Abrams Comm Ctr	6	0
Jefferson AL	Dunbar-Abrams Comm Ctr	7	1,973
Jefferson AL	East Pinson Valley Ctr	6	4,584
Jefferson AL	East Pinson Valley Ctr	7	3,251
Jefferson AL	Edgewood Elem Sch	6	4,827
Jefferson AL	Edgewood Elem Sch	7	17
Jefferson AL	Faith Chapel Christian Ctr	6	0
Jefferson AL	Faith Chapel Christian Ctr	7	2,936
Jefferson AL	Hillview FD #1	6	0
Jefferson AL	Hillview FD #1	7	2,671
Jefferson AL	Homewood Excpt Foundation	6	460
Jefferson AL	Homewood Excpt Foundation	7	3,348
Jefferson AL	Homewood Sr Ctr	6	0
Jefferson AL	Homewood Sr Ctr	7	6,757
Jefferson AL	Hooper City Rec Ctr	6	10
Jefferson AL	Hooper City Rec Ctr	7	1,828
Jefferson AL	Hoover Met Stadium	6	0
Jefferson AL	Hoover Met Stadium	7	948
Jefferson AL	Irondale City Hall	6	1,380
Jefferson AL	Irondale City Hall	7	5
Jefferson AL	Johns Comm Ctr	6	1,347
Jefferson AL	Johns Comm Ctr	7	0
Jefferson AL	Minor FD	6	4,591
Jefferson AL	Minor FD	7	958
Jefferson AL	Morgan Rd UM Church	6	6,690
Jefferson AL	Morgan Rd UM Church	7	4
Jefferson AL	Mountain View Bapt	6	5,322
Jefferson AL	Mountain View Bapt	7	0
Jefferson AL	New Rising Star Church	6	0
Jefferson AL	New Rising Star Church	7	2,658
Jefferson AL	Our Lady of Lourdes Church	6	5,176
Jefferson AL	Our Lady of Lourdes Church	7	5,386
Jefferson AL	Oxmoor Valley Comm Ctr	6	2,240
Jefferson AL	Oxmoor Valley Comm Ctr	7	3,440
Jefferson AL	Pleasant Grove Church	6	9,046
Jefferson AL	Pleasant Grove Church	7	6
Jefferson AL	Pleasant Hill UM Church	6	0
Jefferson AL	Pleasant Hill UM Church	7	13,971
Jefferson AL	Pleasant Rdg Family Life	6	8,841
Jefferson AL	Pleasant Rdg Family Life	7	15

**Political Subdivison Splits Between Districts**

Enacted Congress B-V-C

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jefferson AL	Prince of Peace Cath Church	6	9,144
Jefferson AL	Prince of Peace Cath Church	7	0
Jefferson AL	Sun Valley Elem Sch	6	1,580
Jefferson AL	Sun Valley Elem Sch	7	3,744
Jefferson AL	Tarrant City Hall	6	1,725
Jefferson AL	Tarrant City Hall	7	5,103
Jefferson AL	Tom Bradford Pk	6	1,684
Jefferson AL	Tom Bradford Pk	7	6,245
Jefferson AL	Valley Creek Bapt Church	6	3,337
Jefferson AL	Valley Creek Bapt Church	7	0
Jefferson AL	Willow Wood Rec Ctr	6	17
Jefferson AL	Willow Wood Rec Ctr	7	2,264
Montgomery AL	Al State Univ / Acadome	2	2,464
Montgomery AL	Al State Univ / Acadome	7	3,085
Montgomery AL	Aldersgate UM Church	2	9,614
Montgomery AL	Aldersgate UM Church	7	0
Montgomery AL	Beulah Baptist Church	2	66
Montgomery AL	Beulah Baptist Church	7	5,565
Montgomery AL	Catoma Elem School	2	1,741
Montgomery AL	Catoma Elem School	7	0
Montgomery AL	Cleveland Ave YMCA	2	1,661
Montgomery AL	Cleveland Ave YMCA	7	2,420
Montgomery AL	Eastdale Bapt Church	2	456
Montgomery AL	Eastdale Bapt Church	3	3,501
Montgomery AL	Fitzpatrick Elem School	2	8,451
Montgomery AL	Fitzpatrick Elem School	3	0
Montgomery AL	Flowers Elem School	2	5,550
Montgomery AL	Flowers Elem School	7	202
Montgomery AL	Frazer UM Church	2	9,982
Montgomery AL	Frazer UM Church	3	4,386
Montgomery AL	Fresh Anointing House of Worship	2	192
Montgomery AL	Fresh Anointing House of Worship	7	9,225
Montgomery AL	Hayneville Rd Comm Ctr	2	3,126
Montgomery AL	Hayneville Rd Comm Ctr	7	1,256
Montgomery AL	Landmark Church of Christ	2	10,123
Montgomery AL	Landmark Church of Christ	3	418
Montgomery AL	McIntyre Comm Ctr	2	475
Montgomery AL	McIntyre Comm Ctr	7	3,346
Montgomery AL	Pintlala VFD	2	2,214
Montgomery AL	Pintlala VFD	7	0
Montgomery AL	Snowdown Women's Club	2	686
Montgomery AL	Snowdown Women's Club	7	0

**Political Subdivison Splits Between Districts**

Enacted Congress B-V-C

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Montgomery AL	Southlawn Elem School	2	27
Montgomery AL	Southlawn Elem School	7	3,699
Montgomery AL	St James Bapt Church	2	648
Montgomery AL	St James Bapt Church	7	1,160
Montgomery AL	Union Chapel AME Church	2	1,595
Montgomery AL	Union Chapel AME Church	3	0
Montgomery AL	Wares Ferry Rd Elem School	2	5,236
Montgomery AL	Wares Ferry Rd Elem School	3	0
Tuscaloosa AL	Church of Highlands	4	7,865
Tuscaloosa AL	Church of Highlands	7	29
Tuscaloosa AL	Coker VFD	4	1,463
Tuscaloosa AL	Coker VFD	7	0
Tuscaloosa AL	Flatwoods Church	4	33
Tuscaloosa AL	Flatwoods Church	7	5,651
Tuscaloosa AL	G G Hardin Comm Ctr	4	3,531
Tuscaloosa AL	G G Hardin Comm Ctr	7	0
Tuscaloosa AL	Holt Elem School	4	0
Tuscaloosa AL	Holt Elem School	7	4,930
Tuscaloosa AL	Mt Olive Church	4	2,924
Tuscaloosa AL	Mt Olive Church	7	0
Tuscaloosa AL	Northport Comm Ctr	4	0
Tuscaloosa AL	Northport Comm Ctr	7	4,781
Tuscaloosa AL	Romulus VFD	4	957
Tuscaloosa AL	Romulus VFD	7	0
Tuscaloosa AL	UA Rec Ctr	4	0
Tuscaloosa AL	UA Rec Ctr	7	14,397

# **Exhibit F-1**

## McClendon SBOE Plan 1



# **Exhibit F-2**

User:

Plan Name: **Draft SBOE Plan**

Plan Type:

## Population Summary

Sunday, October 24, 2021

7:22 PM

District	Population	Deviation	% Devn.	[18+ _Pop]	[% 18+ _Pop]	[18+ _Wht]	[% 18+ _Wht]	[18+ _Blk]	[% 18+ _Blk]
1	606,971	-21,064	-3.35%	473,363	77.99%	354,355	74.86%	76,071	16.07%
2	619,331	-8,704	-1.39%	484,209	78.18%	319,134	65.91%	124,724	25.76%
3	655,117	27,082	4.31%	507,129	77.41%	365,499	72.07%	92,563	18.25%
4	600,349	-27,686	-4.41%	474,549	79.05%	194,693	41.03%	243,007	51.21%
5	621,817	-6,218	-0.99%	482,159	77.54%	205,895	42.7%	247,195	51.27%
6	645,976	17,941	2.86%	502,662	77.81%	401,817	79.94%	58,522	11.64%
7	658,808	30,773	4.90%	513,546	77.95%	414,826	80.78%	56,331	10.97%
8	615,910	-12,125	-1.93%	479,549	77.86%	338,827	70.66%	83,310	17.37%

Total Population: 5,024,279

Ideal District Population: 628,035

### Summary Statistics:

Population Range: 600,349 to 658,808

Ratio Range: 0.10

Absolute Range: -27,686 to 30,773

Absolute Overall Range: 58,459

Relative Range: -4.00% to 4.90%

Relative Overall Range: 9.31%

Absolute Mean Deviation: 18,949.13

Relative Mean Deviation: 3.02%

Standard Deviation: 20,838.48



# **Exhibit G-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Illustrative Plan 1

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717755	1	0.00%	125921	17.54%	34790	4.85%	519402	72.36%
2	717754	0	0.00%	374344	52.15%	24085	3.36%	296502	41.31%
3	717753	-1	0.00%	170200	23.71%	29426	4.10%	480776	66.98%
4	717753	-1	0.00%	49664	6.92%	59478	8.29%	578566	80.61%
5	717755	1	0.00%	140711	19.60%	44392	6.18%	490094	68.28%
6	717754	0	0.00%	105638	14.72%	34878	4.86%	543840	75.77%
7	717755	1	0.00%	398258	55.49%	36998	5.15%	262171	36.53%
<b>Total</b>	<b>5024279</b>		<b>0.00%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	557084	89315	16.03%	22294	4.00%	417122	74.88%
2	559442	280226	50.09%	15550	2.78%	246011	43.97%
3	563119	126853	22.53%	18910	3.36%	388487	68.99%
4	555541	35033	6.31%	35182	6.33%	462235	83.20%
5	561688	104784	18.66%	27939	4.97%	396725	70.63%
6	556122	77568	13.95%	22241	4.00%	431641	77.62%
7	564170	300593	53.28%	24740	4.39%	222323	39.41%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

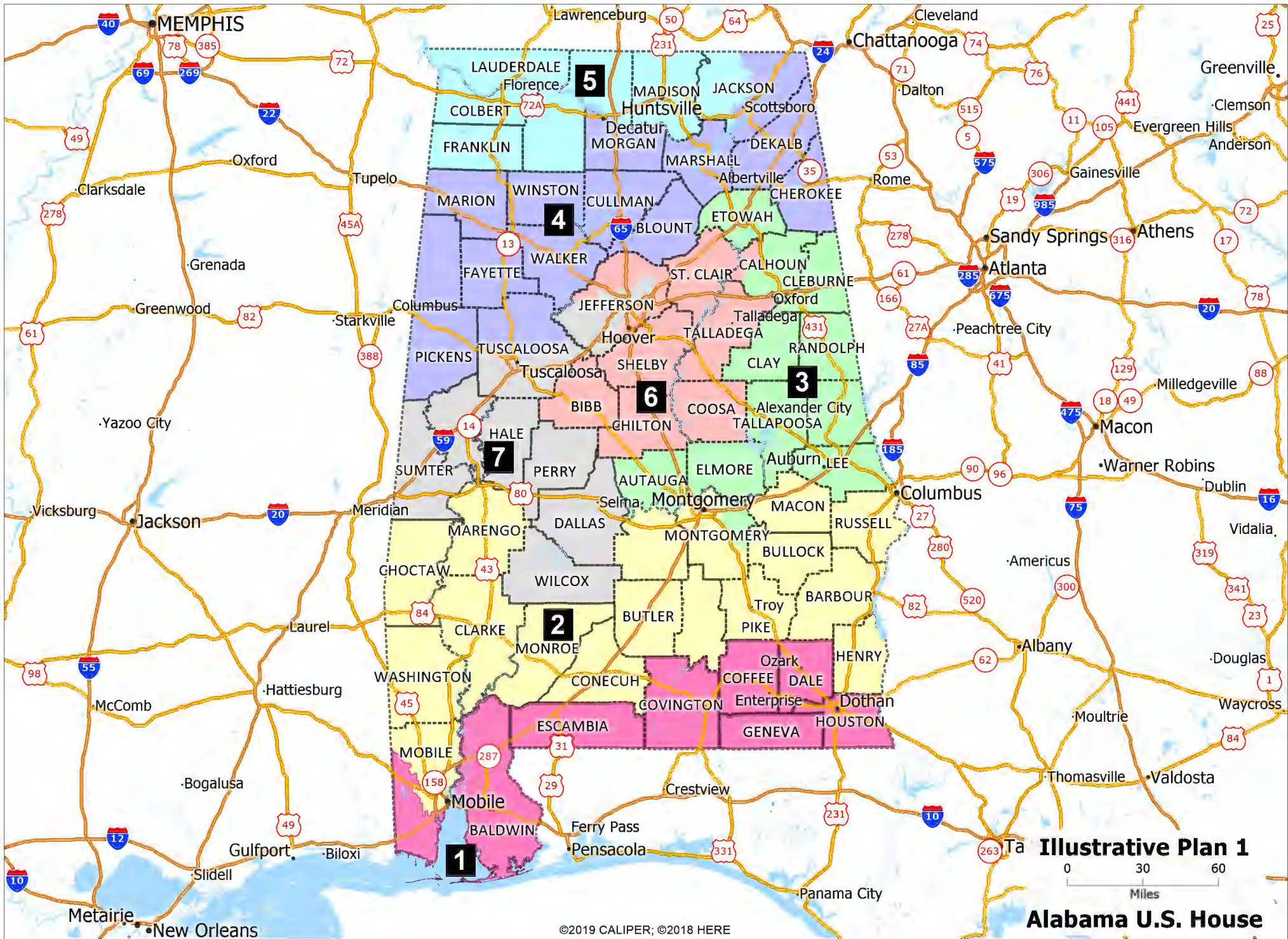
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	16.33%	2.56%	78.39%
2	51.16%	1.47%	45.35%
3	22.49%	1.80%	73.70%
4	6.20%	2.45%	89.26%
5	18.64%	2.46%	75.43%
6	14.10%	1.64%	82.43%
7	54.97%	1.32%	42.18%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

Source for CVAP disaggregation: Redistricting Data Hub

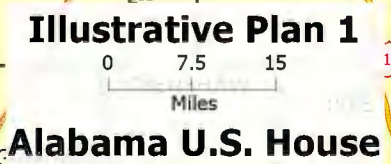
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-2020-block-level-2019/>

# **Exhibit G-2**



# **Exhibit G-3**





# **Exhibit G-4**

User:

Plan Name: **AL\_Congress\_Illustrative\_Plan 1**Plan Type: **Congress**

## Political Subdivison Splits Between Districts

Sunday, December 5, 2021

4:19 PM

Number of subdivisions not split:

County	61
Voting District	1,819

Number of subdivisions split into more than one district:

County	6
Voting District	18

Number of splits involving no population:

County	0
Voting District	2

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 6

#### *Voting District*

Cases where an area is split among 2 Districts: 18

County	Voting District	District	Population
<i>Split Counties:</i>			
Calhoun AL		3	106,114
Calhoun AL		6	10,327
Jackson AL		4	42,524
Jackson AL		5	10,055
Jefferson AL		6	233,457
Jefferson AL		7	441,264
Mobile AL		1	175,009
Mobile AL		2	239,800
Montgomery AL		2	169,116
Montgomery AL		3	59,838
Tuscaloosa AL		4	42,978
Tuscaloosa AL		7	184,058
<i>Split VTDs:</i>			
Calhoun AL	Alexandria Civitan Club	3	2,754
Calhoun AL	Alexandria Civitan Club	6	2,120
Jackson AL	Hollywood City Hall	4	1,582
Jackson AL	Hollywood City Hall	5	326
Jackson AL	Scottsboro Rec Comm Bldg	4	14,770
Jackson AL	Scottsboro Rec Comm Bldg	5	201
Jefferson AL	Clay Comm Ctr	6	5,570
Jefferson AL	Clay Comm Ctr	7	1,835

**Political Subdivison Splits Between Districts**

AL\_Congress\_Illustrative\_Plan

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jefferson AL	Fultondale Sr Citizens Bldg	6	0
Jefferson AL	Fultondale Sr Citizens Bldg	7	5,086
Jefferson AL	Trussville 1st Bapt	6	8,360
Jefferson AL	Trussville 1st Bapt	7	638
Mobile AL	Azalea City Ch Christ	1	0
Mobile AL	Azalea City Ch Christ	2	3,996
Mobile AL	Christ Anglican Church	1	1,072
Mobile AL	Christ Anglican Church	2	3,843
Mobile AL	James Seals Jr. Rec. Ctr	1	1,314
Mobile AL	James Seals Jr. Rec. Ctr	2	1,598
Mobile AL	Rock of Faith Bapt Ch	1	68
Mobile AL	Rock of Faith Bapt Ch	2	4,062
Mobile AL	Semmes First Bapt Ch	1	1,787
Mobile AL	Semmes First Bapt Ch	2	6,784
Montgomery AL	Eastmont Bapt Church	2	542
Montgomery AL	Eastmont Bapt Church	3	6,380
Montgomery AL	Frazer UM Church	2	1,742
Montgomery AL	Frazer UM Church	3	12,626
Montgomery AL	Georgia Washingt n Mid School	2	4
Montgomery AL	Georgia Washingt n Mid School	3	10,264
Montgomery AL	Lagoon Park Fire Station	2	5,775
Montgomery AL	Lagoon Park Fire Station	3	673
Montgomery AL	Landmark Church of Christ	2	3,940
Montgomery AL	Landmark Church of Christ	3	6,601
Tuscaloosa AL	Chapel Hill Church	4	6,343
Tuscaloosa AL	Chapel Hill Church	7	9
Tuscaloosa AL	Northport City Hall	4	955
Tuscaloosa AL	Northport City Hall	7	5,968

# **Exhibit H-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Illustrative Plan 2

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717754	0	0.00%	117087	16.31%	34704	4.84%	527338	73.47%
2	717754	0	0.00%	380668	53.04%	24328	3.39%	290887	40.53%
3	717755	1	0.00%	165918	23.12%	29295	4.08%	484853	67.55%
4	717753	-1	0.00%	49672	6.92%	59479	8.29%	578557	80.61%
5	717755	1	0.00%	140711	19.60%	44392	6.18%	490094	68.28%
6	717754	0	0.00%	108823	15.16%	36020	5.02%	539570	75.17%
7	717754	0	0.00%	401857	55.99%	35829	4.99%	260052	36.23%
<b>Total</b>	<b>5024279</b>		<b>0.00%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	558142	83257	14.92%	22343	4.00%	423469	75.87%
2	558446	284132	50.88%	15608	2.79%	241724	43.29%
3	562845	123667	21.97%	18801	3.34%	391308	69.52%
4	555526	35038	6.31%	35186	6.33%	462211	83.20%
5	561688	104784	18.66%	27939	4.97%	396725	70.63%
6	555856	79736	14.34%	22937	4.13%	428525	77.09%
7	564663	303758	53.79%	24042	4.26%	220582	39.06%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

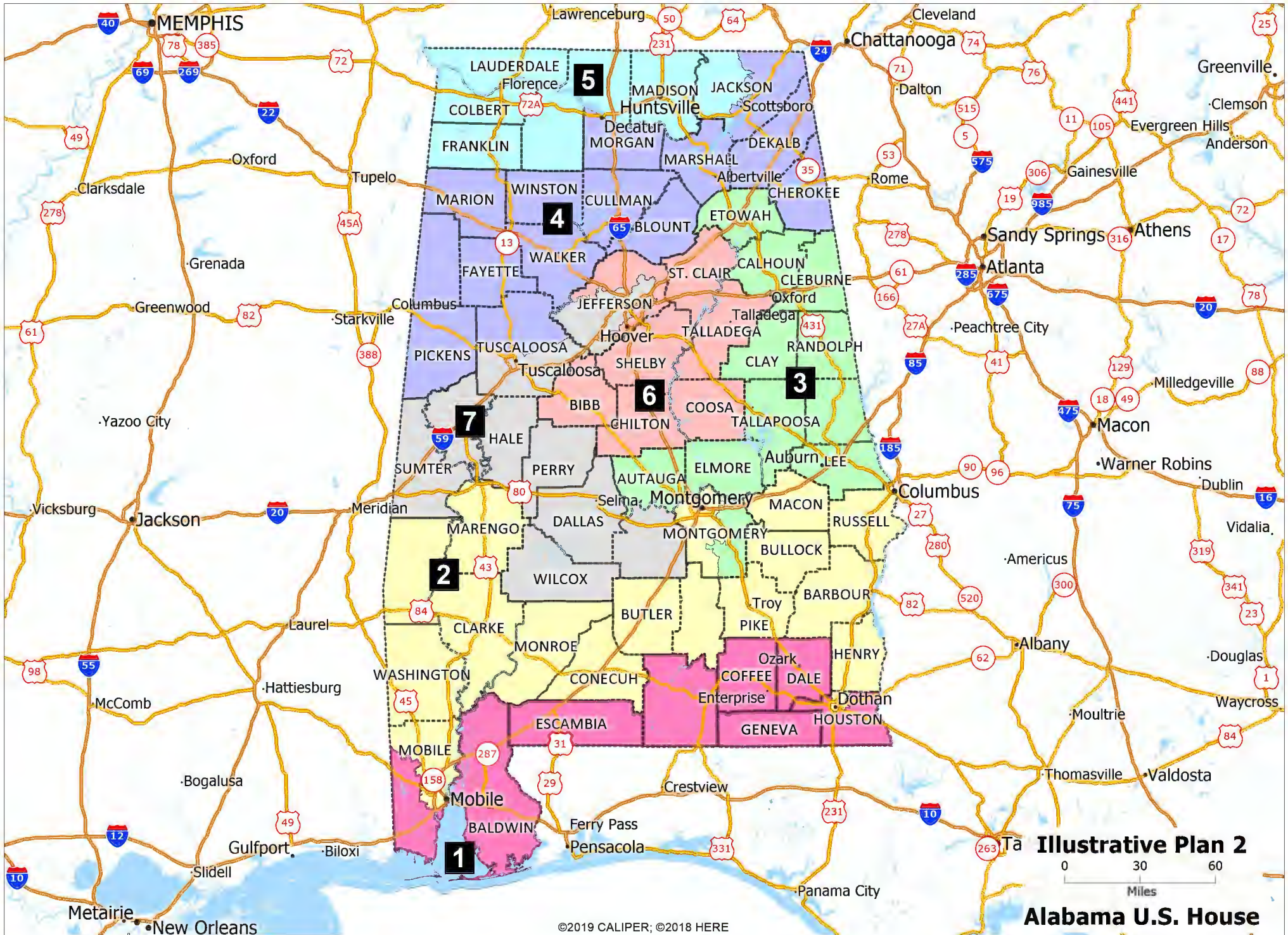
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	15.04%	2.57%	79.63%
2	51.82%	1.48%	44.73%
3	21.90%	1.80%	74.25%
4	6.20%	2.45%	89.26%
5	18.64%	2.46%	75.43%
6	14.50%	1.65%	82.02%
7	55.58%	1.30%	41.61%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

Source for CVAP disaggregation: Redistricting Data Hub

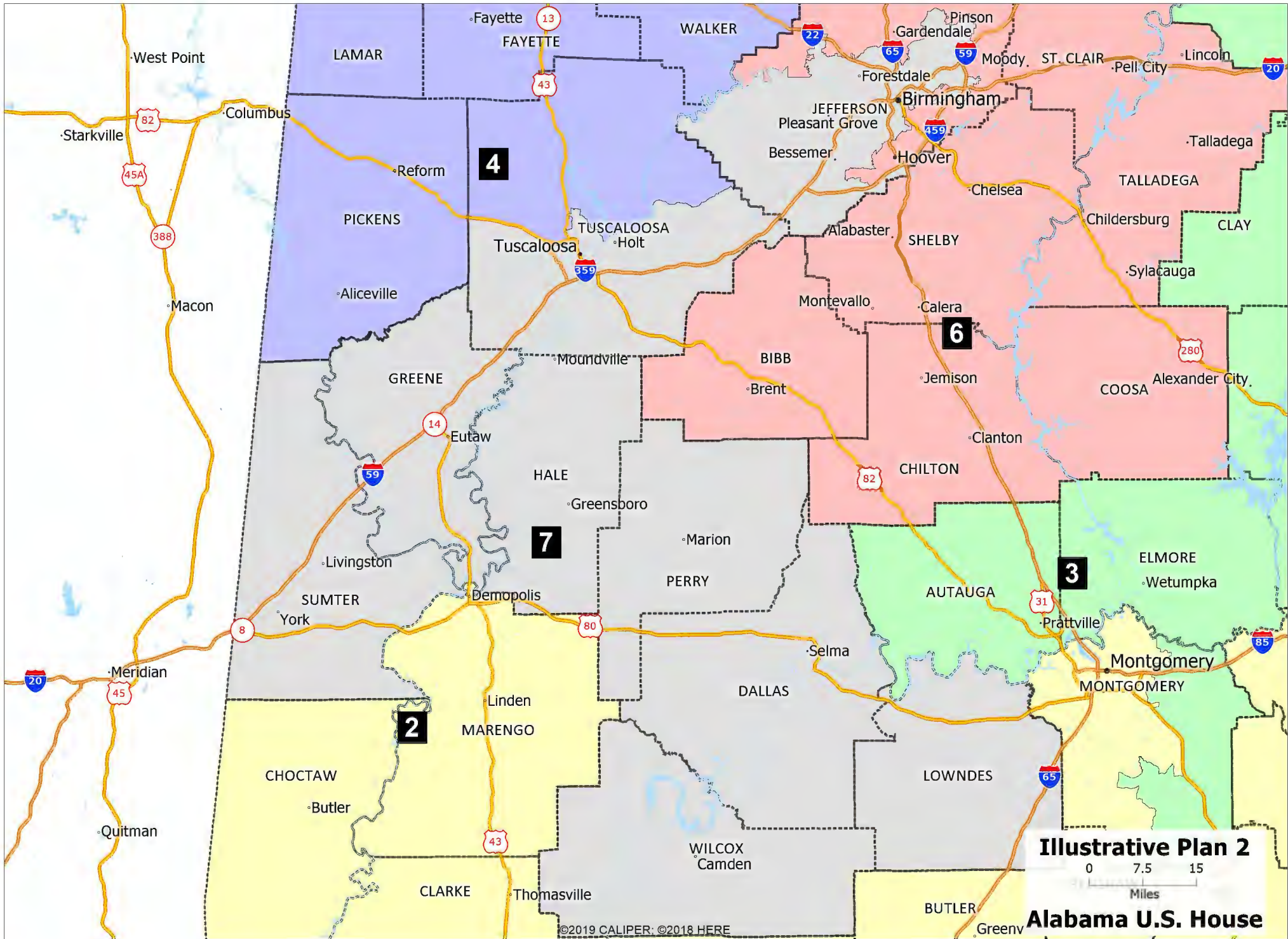
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-2020-block-level-2019/>

# **Exhibit H-2**



# **Exhibit H-3**





# **Exhibit H-4**

User:

Plan Name: **AL\_Congress\_Illustrative\_Plan 2**

Plan Type:

## Political Subdivision Splits Between Districts

Sunday, December 5, 2021

4:23 PM

Number of subdivisions not split:

County	60
Voting District	1,823

Number of subdivisions split into more than one district:

County	7
Voting District	14

Number of splits involving no population:

County	0
Voting District	1

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 7

#### *Voting District*

Cases where an area is split among 2 Districts: 14

County	Voting District	District	Population
<i>Split Counties:</i>			
Calhoun AL		3	116,426
Calhoun AL		6	15
Houston AL		1	73,478
Houston AL		2	33,724
Jackson AL		4	42,524
Jackson AL		5	10,055
Jefferson AL		6	243,769
Jefferson AL		7	430,952
Mobile AL		1	208,732
Mobile AL		2	206,077
Montgomery AL		2	179,426
Montgomery AL		3	49,528
Tuscaloosa AL		4	42,978
Tuscaloosa AL		7	184,058
<i>Split VTDs:</i>			
Calhoun AL	Eulaton/Bynum/West Park Heights/Betta View	3	15,121
Calhoun AL	Eulaton/Bynum/West Park Heights/Betta View	6	15
Jackson AL	Hollywood City Hall	4	1,582
Jackson AL	Hollywood City Hall	5	326
Jackson AL	Scottsboro Rec Comm Bldg	4	14,770
Jackson AL	Scottsboro Rec Comm Bldg	5	201

**Political Subdivison Splits Between Districts**

AL\_Congress\_Illustrative\_Plan

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jefferson AL	Clay Comm Ctr	6	6,456
Jefferson AL	Clay Comm Ctr	7	949
Jefferson AL	Rock School Ctr	6	4,340
Jefferson AL	Rock School Ctr	7	641
Jefferson AL	Trussville 1st Bapt	6	8,360
Jefferson AL	Trussville 1st Bapt	7	638
Mobile AL	Azalea City Ch Christ	1	0
Mobile AL	Azalea City Ch Christ	2	3,996
Mobile AL	Christ Anglican Church	1	1,072
Mobile AL	Christ Anglican Church	2	3,843
Mobile AL	Georgetown Bapt Church	1	2,403
Mobile AL	Georgetown Bapt Church	2	927
Mobile AL	James Seals Jr. Rec. Ctr	1	1,314
Mobile AL	James Seals Jr. Rec. Ctr	2	1,598
Mobile AL	Rock of Faith Bapt Ch	1	68
Mobile AL	Rock of Faith Bapt Ch	2	4,062
Montgomery AL	Frazer UM Church	2	10,668
Montgomery AL	Frazer UM Church	3	3,700
Montgomery AL	Landmark Church of Christ	2	241
Montgomery AL	Landmark Church of Christ	3	10,300
Tuscaloosa AL	Northport City Hall	4	946
Tuscaloosa AL	Northport City Hall	7	5,977

# **Exhibit I-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Illustrative Plan 3

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717753	-1	0.00%	134814	18.78%	34260	4.77%	511922	71.32%
2	717752	-2	0.00%	375131	52.26%	21428	2.99%	294080	40.97%
3	717755	1	0.00%	192055	26.76%	32693	4.55%	461692	64.32%
4	717755	1	0.00%	56846	7.92%	57696	8.04%	572170	79.72%
5	717755	1	0.00%	140711	19.60%	44392	6.18%	490094	68.28%
6	717755	1	0.00%	90801	12.65%	34977	4.87%	559769	77.99%
7	717754	0	0.00%	374378	52.16%	38601	5.38%	281624	39.24%
<b>Total</b>	<b>5024279</b>		<b>0.00%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	557048	95952	17.23%	21905	3.93%	411457	73.86%
2	559299	281155	50.27%	14067	2.52%	243465	43.53%
3	562300	143328	25.49%	20992	3.73%	373557	66.43%
4	559374	40853	7.30%	34556	6.18%	459861	82.21%
5	561688	104784	18.66%	27939	4.97%	396725	70.63%
6	554093	66090	11.93%	21970	3.97%	442194	79.81%
7	563364	282210	50.09%	25427	4.51%	237285	42.12%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

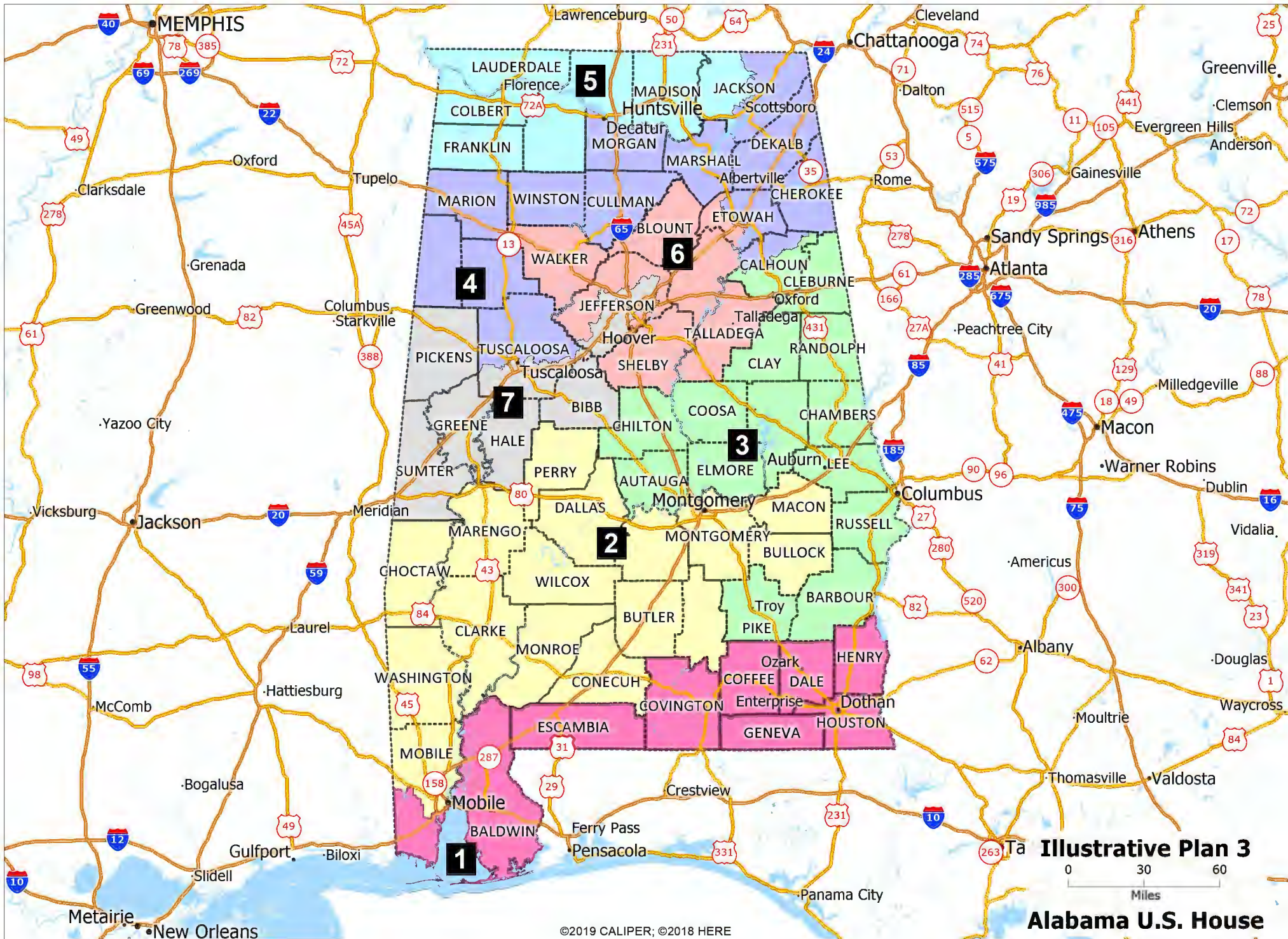
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	17.76%	2.52%	77.10%
2	51.08%	1.26%	45.48%
3	25.76%	2.11%	70.35%
4	7.22%	2.27%	88.36%
5	18.64%	2.46%	75.43%
6	11.60%	1.73%	84.89%
7	51.77%	1.37%	45.17%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

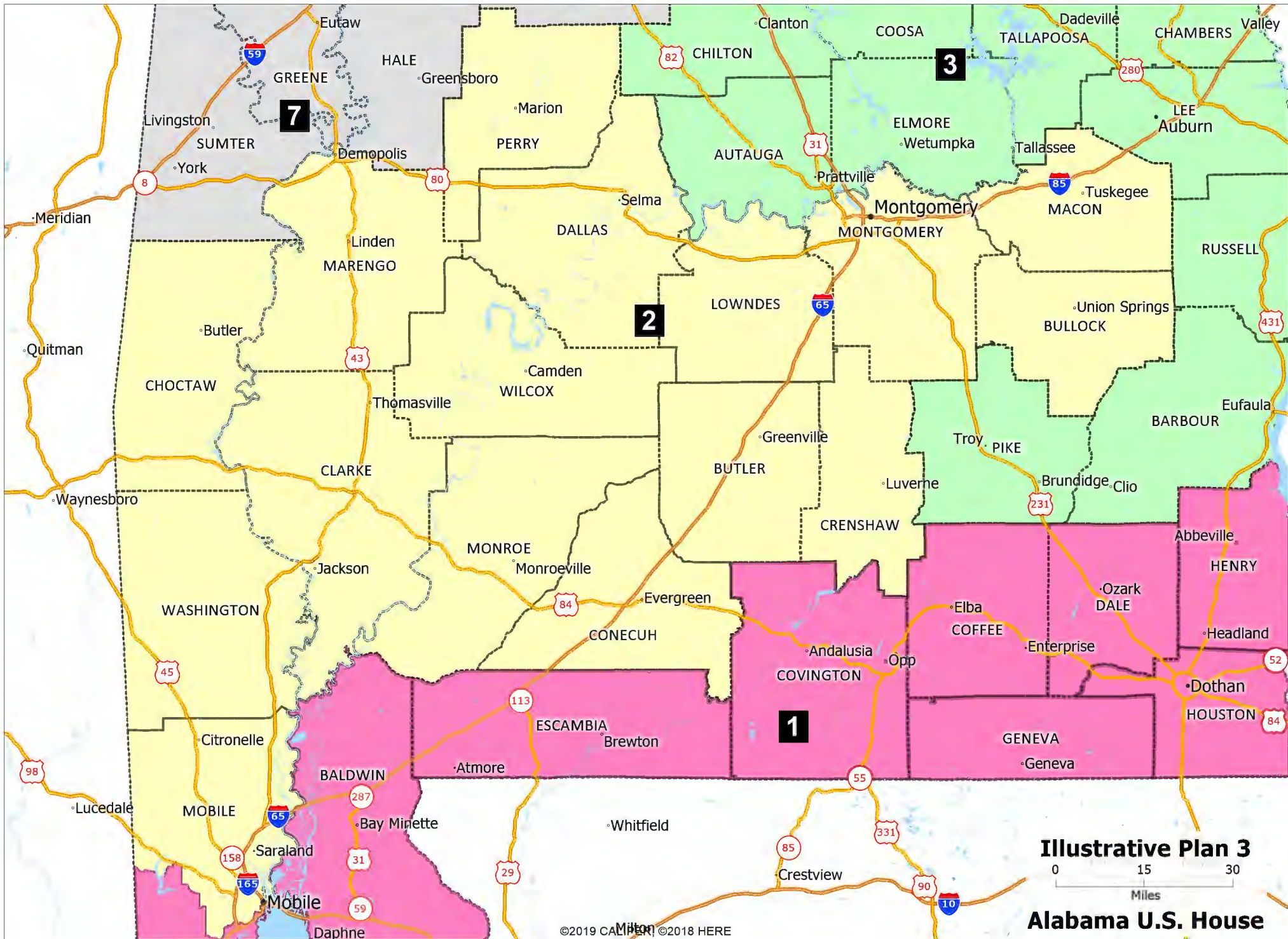
Source for CVAP disaggregation: Redistricting Data Hub

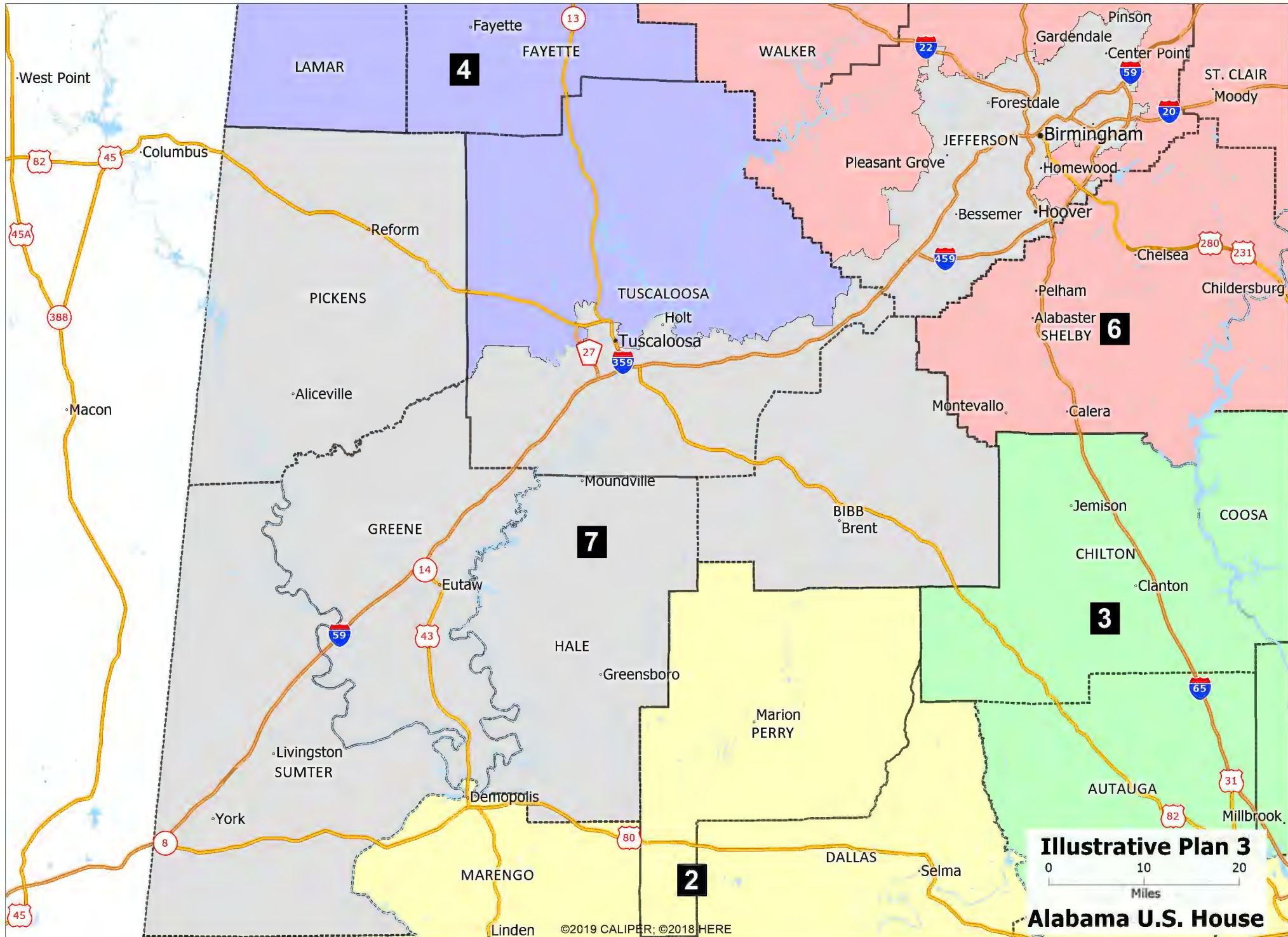
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-2020-block-level-2019/>

# **Exhibit I-2**



# **Exhibit I-3**





# **Exhibit I-4**

User:

Plan Name: **AL\_Congress\_Illustrative\_Plan\_3**Plan Type: **Congress**

## Political Subdivision Splits Between Districts

Sunday, December 5, 2021

4:45 PM

Number of subdivisions not split:

County	61
Voting District	1,825

Number of subdivisions split into more than one district:

County	6
Voting District	12

Number of splits involving no population:

County	0
Voting District	2

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 6

#### *Voting District*

Cases where an area is split among 2 Districts: 12

County	Voting District	District	Population
<i>Split Counties:</i>			
Calhoun AL		3	96,574
Calhoun AL		4	19,867
Etowah AL		4	77,888
Etowah AL		6	25,548
Jackson AL		4	42,524
Jackson AL		5	10,055
Jefferson AL		6	171,455
Jefferson AL		7	503,266
Mobile AL		1	157,861
Mobile AL		2	256,948
Tuscaloosa AL		4	88,824
Tuscaloosa AL		7	138,212
<i>Split VTDs:</i>			
Calhoun AL	Piedmont	3	3,796
Calhoun AL	Piedmont	4	1,612
Etowah AL	Egypt Comm. Ctr.	4	805
Etowah AL	Egypt Comm. Ctr.	6	86
Jackson AL	Hollywood City Hall	4	1,582
Jackson AL	Hollywood City Hall	5	326
Jackson AL	Scottsboro Rec Comm Bldg	4	14,770
Jackson AL	Scottsboro Rec Comm Bldg	5	201
Jefferson AL	Clay Comm Ctr	6	4,387

**Political Subdivision Splits Between Districts**

AL\_Congress\_Illustrative\_Plan

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jefferson AL	Clay Comm Ctr	7	3,018
Jefferson AL	Fultondale Sr Citizens Bldg	6	0
Jefferson AL	Fultondale Sr Citizens Bldg	7	5,086
Jefferson AL	Gardendale Civic Ctr	6	7,829
Jefferson AL	Gardendale Civic Ctr	7	2,661
Jefferson AL	Horizon Church	6	4,816
Jefferson AL	Horizon Church	7	446
Jefferson AL	Trussville 1st Bapt	6	8,360
Jefferson AL	Trussville 1st Bapt	7	638
Jefferson AL	Trussville City Hall	6	10,120
Jefferson AL	Trussville City Hall	7	41
Mobile AL	Semmes Comm Ctr	1	2,609
Mobile AL	Semmes Comm Ctr	2	2,630
Tuscaloosa AL	Holt Elem School	4	0
Tuscaloosa AL	Holt Elem School	7	4,930

# **Exhibit J-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Illustrative Plan 4

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717755	1	0.00%	134814	18.78%	34261	4.77%	511931	71.32%
2	717754	0	0.00%	374421	52.17%	22527	3.14%	296302	41.28%
3	717755	1	0.00%	189506	26.40%	27133	3.78%	467658	65.16%
4	717754	0	0.00%	53175	7.41%	59282	8.26%	574711	80.07%
5	717755	1	0.00%	140715	19.60%	44392	6.18%	490094	68.28%
6	717753	-1	0.00%	98264	13.69%	38258	5.33%	545020	75.93%
7	717753	-1	0.00%	373841	52.08%	38194	5.32%	285635	39.80%
<b>Total</b>	<b>5024279</b>		<b>0.00%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	557046	95952	17.23%	21905	3.93%	411464	73.87%
2	561374	281106	50.07%	14718	2.62%	246580	43.92%
3	564004	141564	25.10%	17569	3.12%	378979	67.19%
4	556215	37427	6.73%	34778	6.25%	460255	82.75%
5	561685	104788	18.66%	27939	4.97%	396723	70.63%
6	554035	71633	12.93%	24494	4.42%	431203	77.83%
7	562807	281902	50.09%	25453	4.52%	239340	42.53%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

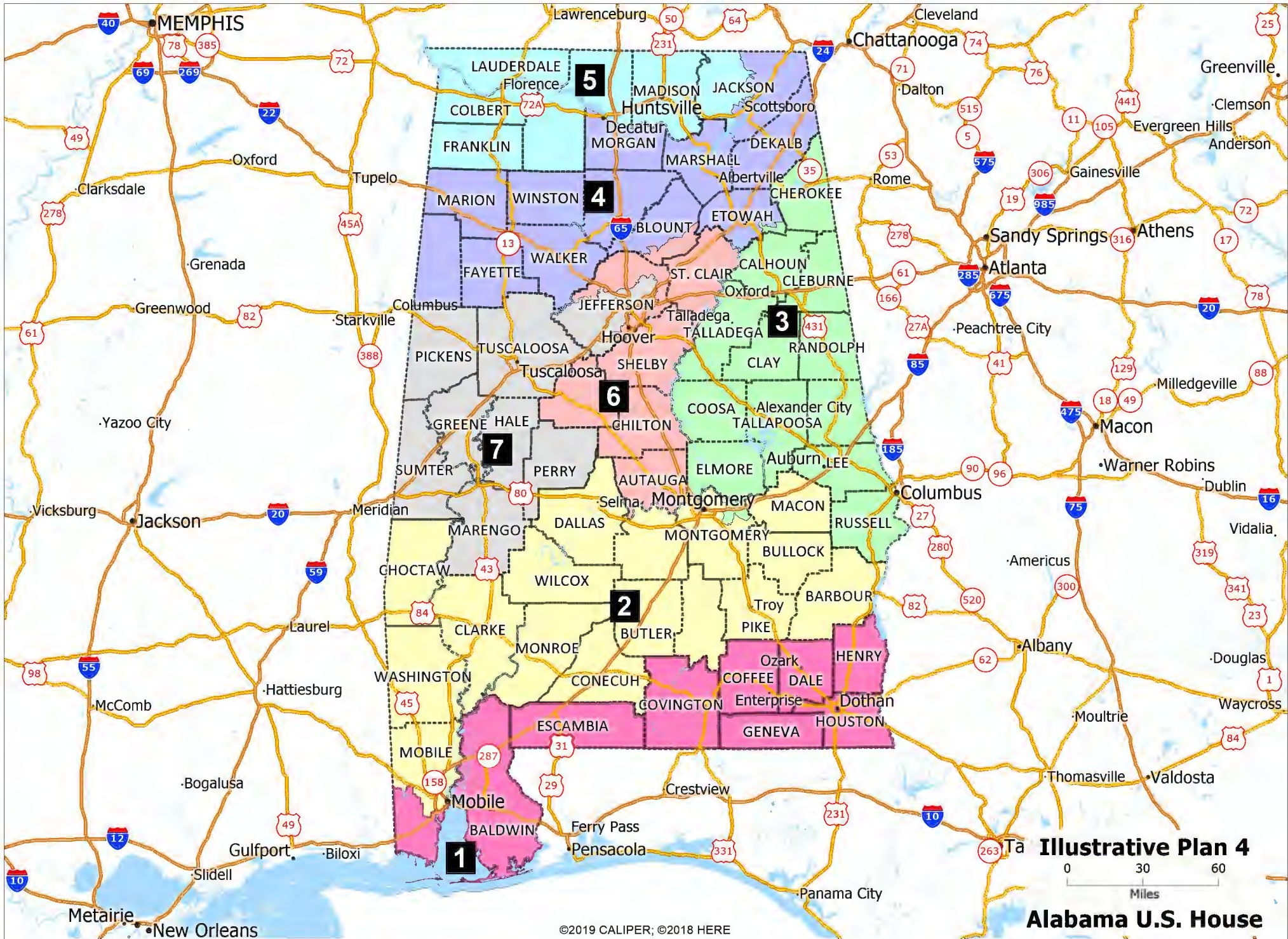
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	17.78%	2.52%	77.10%
2	50.80%	1.34%	45.76%
3	25.16%	1.85%	71.12%
4	6.76%	2.46%	88.63%
5	18.64%	2.46%	75.43%
6	12.56%	1.80%	83.63%
7	52.13%	1.28%	45.10%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

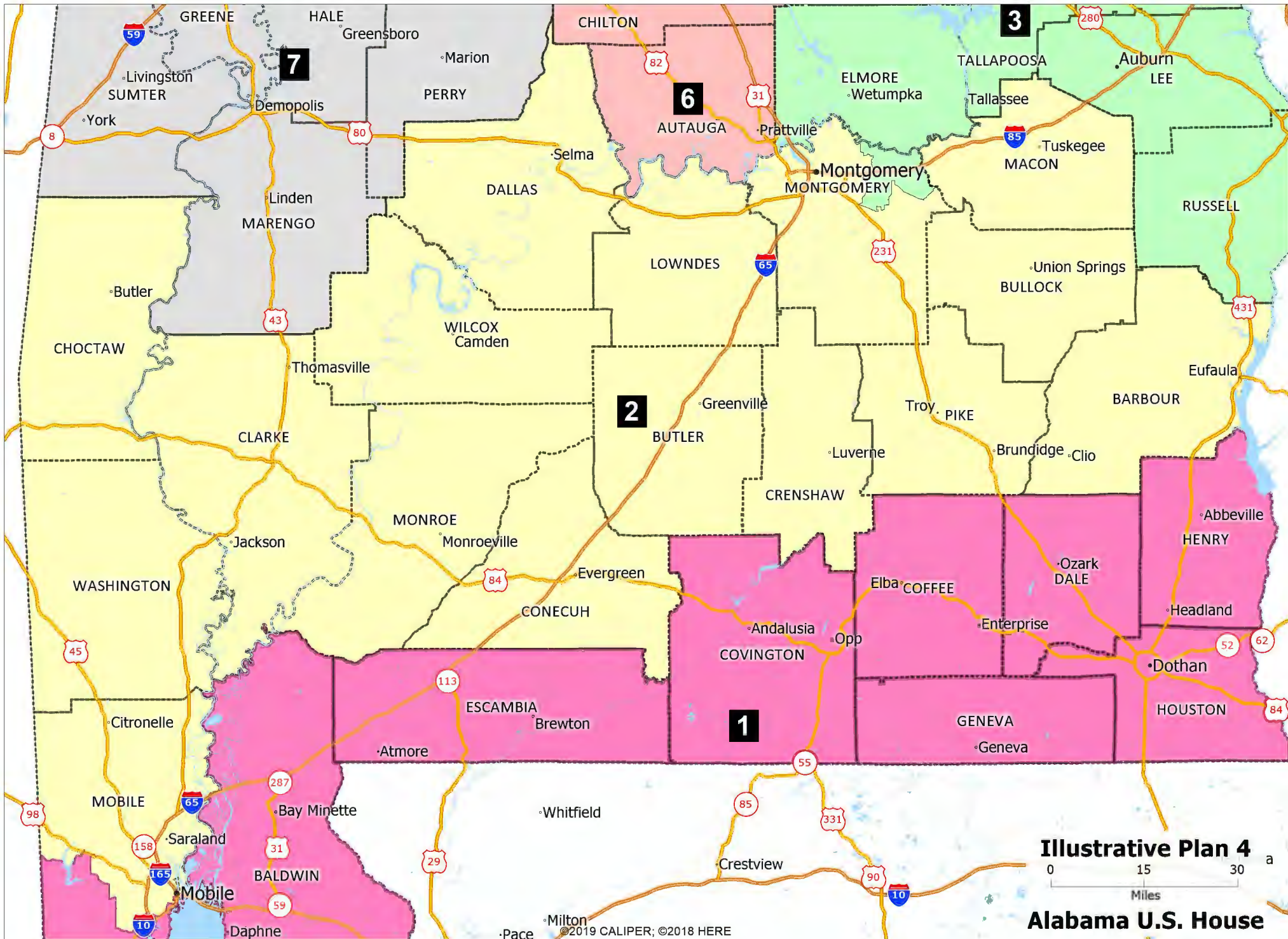
Source for CVAP disaggregation: Redistricting Data Hub

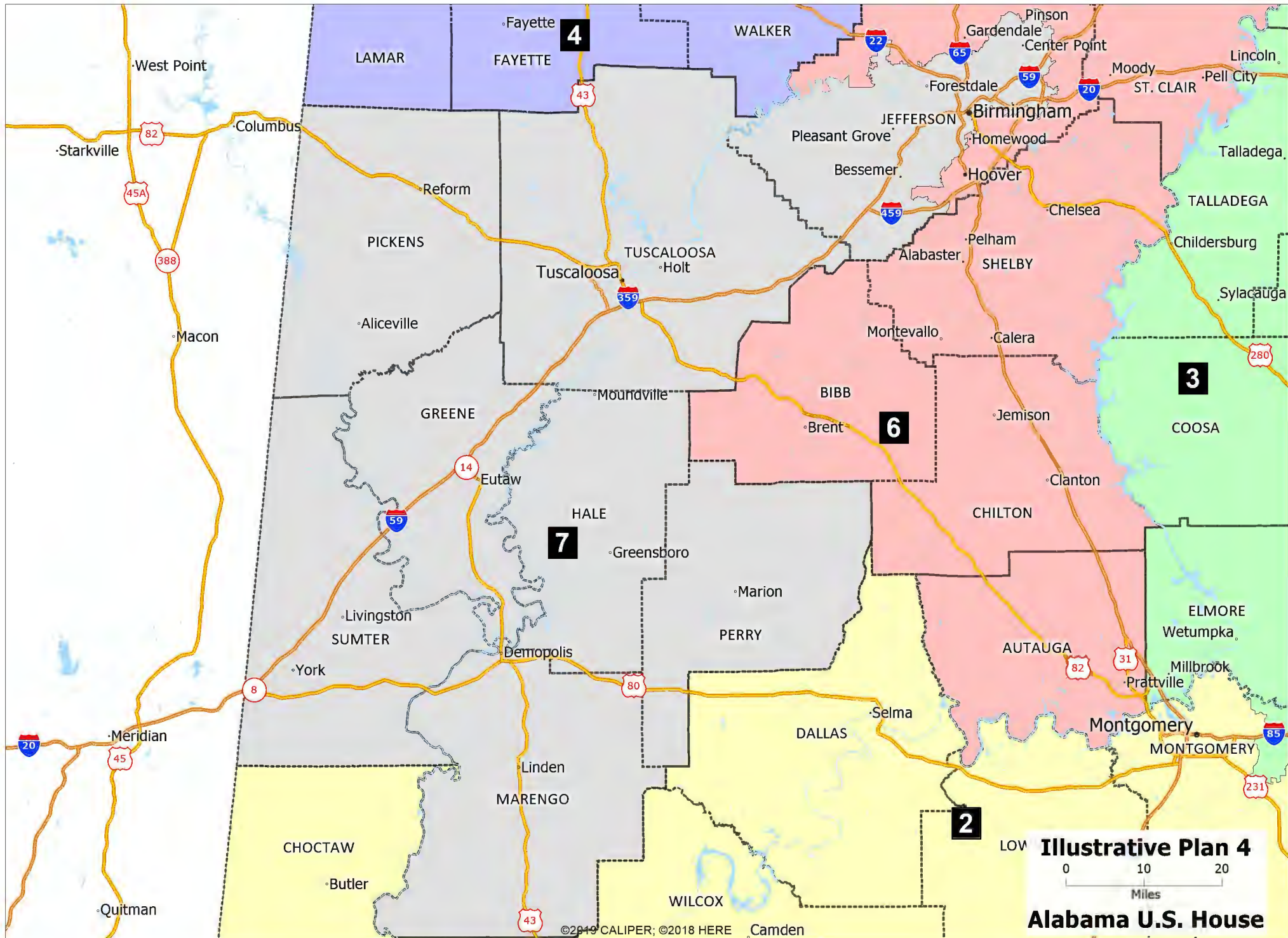
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-2020-block-level-2019/>

# **Exhibit J-2**



# **Exhibit J-3**





# **Exhibit J-4**

User:

Plan Name: **AL\_Congress\_Illustrative\_Plan\_4**Plan Type: **Congress**

## Political Subdivision Splits Between Districts

Sunday, December 5, 2021

4:15 PM

Number of subdivisions not split:

County	61
Voting District	1,824

Number of subdivisions split into more than one district:

County	6
Voting District	13

Number of splits involving no population:

County	0
Voting District	1

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 6

#### *Voting District*

Cases where an area is split among 2 Districts: 13

County	Voting District	District	Population
<i>Split Counties:</i>			
Blount AL		4	47,441
Blount AL		6	11,693
Etowah AL		3	4,670
Etowah AL		4	98,766
Jackson AL		4	42,524
Jackson AL		5	10,055
Jefferson AL		6	265,821
Jefferson AL		7	408,900
Mobile AL		1	157,863
Mobile AL		2	256,946
Montgomery AL		2	198,560
Montgomery AL		3	30,394
<i>Split VTDs:</i>			
Blount AL	Dallas/Selville	4	666
Blount AL	Dallas/Selville	6	2,633
Blount AL	Oneonta	4	6,769
Blount AL	Oneonta	6	28
Etowah AL	Hokes Bluff Comm. Ctr.	3	3,277
Etowah AL	Hokes Bluff Comm. Ctr.	4	4,079
Jackson AL	Hollywood City Hall	4	1,552
Jackson AL	Hollywood City Hall	5	356
Jackson AL	Scottsboro Rec Comm Bldg	4	14,800

**Political Subdivison Splits Between Districts**

AL\_Congress\_Illustrative\_Plan

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jackson AL	Scottsboro Rec Comm Bldg	5	171
Jefferson AL	Fultondale Sr Citizens Bldg	6	0
Jefferson AL	Fultondale Sr Citizens Bldg	7	5,086
Jefferson AL	Homewood Excpt Foundation	6	3,352
Jefferson AL	Homewood Excpt Foundation	7	456
Jefferson AL	Minor FD	6	3,421
Jefferson AL	Minor FD	7	2,128
Jefferson AL	Trussville 1st Bapt	6	6,748
Jefferson AL	Trussville 1st Bapt	7	2,250
Jefferson AL	Trussville City Hall	6	9,367
Jefferson AL	Trussville City Hall	7	794
Mobile AL	Semmes Comm Ctr	1	2,608
Mobile AL	Semmes Comm Ctr	2	2,631
Mobile AL	Semmes First Bapt Ch	1	3
Mobile AL	Semmes First Bapt Ch	2	8,568
Montgomery AL	Woodland UM Church	2	3,168
Montgomery AL	Woodland UM Church	3	3,991

# **Exhibit K-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Illustrative Plan 5

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717755	1	0.00%	134338	18.72%	31467	4.38%	514622	71.70%
2	717753	-1	0.00%	374068	52.12%	24624	3.43%	291792	40.65%
3	717753	-1	0.00%	184789	25.75%	32371	4.51%	469547	65.42%
4	717755	1	0.00%	47972	6.68%	58915	8.21%	580984	80.94%
5	717755	1	0.00%	140711	19.60%	44392	6.18%	490094	68.28%
6	717755	1	0.00%	107484	14.98%	33464	4.66%	543873	75.77%
7	717753	-1	0.00%	375374	52.30%	38814	5.41%	280439	39.07%
<b>Total</b>	<b>5024279</b>		<b>0.00%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ SR Black	% 18+ SR Black	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	559475	91431	16.34%	95759	17.12%	20441	3.65%	415036	74.18%
2	557367	273740	49.11%	280044	50.24%	15822	2.84%	240759	43.20%
3	561513	133176	23.72%	137702	24.52%	20723	3.69%	378950	67.49%
4	555656	31359	5.64%	33887	6.10%	34822	6.27%	463965	83.50%
5	561688	99106	17.64%	104784	18.66%	27939	4.97%	396725	70.63%
6	555380	75063	13.52%	78632	14.16%	21109	3.80%	431220	77.64%
7	566087	277848	49.08%	283564	50.09%	26000	4.59%	237889	42.02%
<b>Total</b>	<b>3917166</b>	<b>981723</b>	<b>25.06%</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

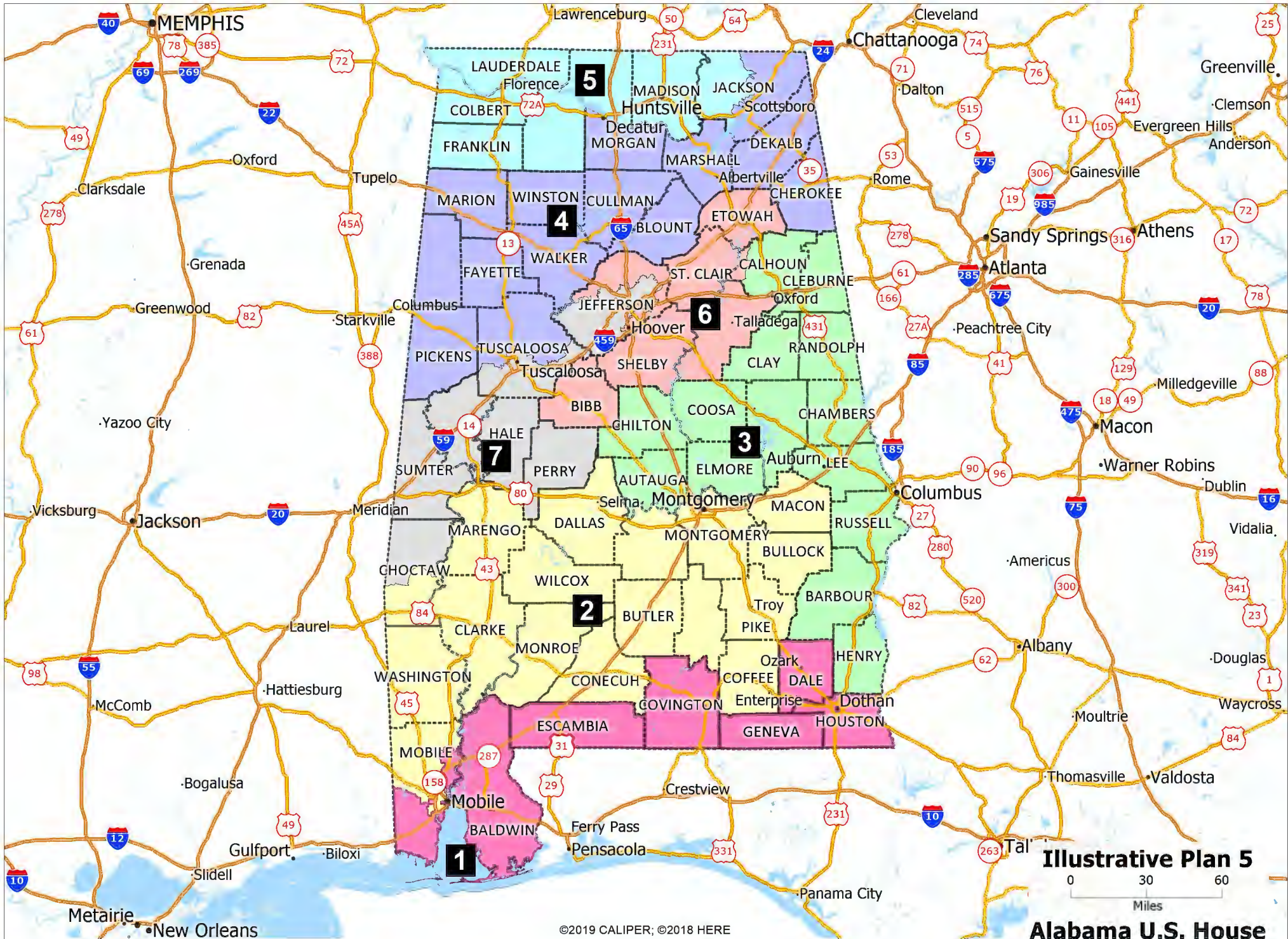
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	17.53%	2.32%	77.41%
2	51.20%	1.45%	45.23%
3	24.72%	2.09%	71.43%
4	6.05%	2.45%	89.43%
5	18.64%	2.46%	75.43%
6	14.44%	1.54%	82.26%
7	51.65%	1.38%	45.21%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

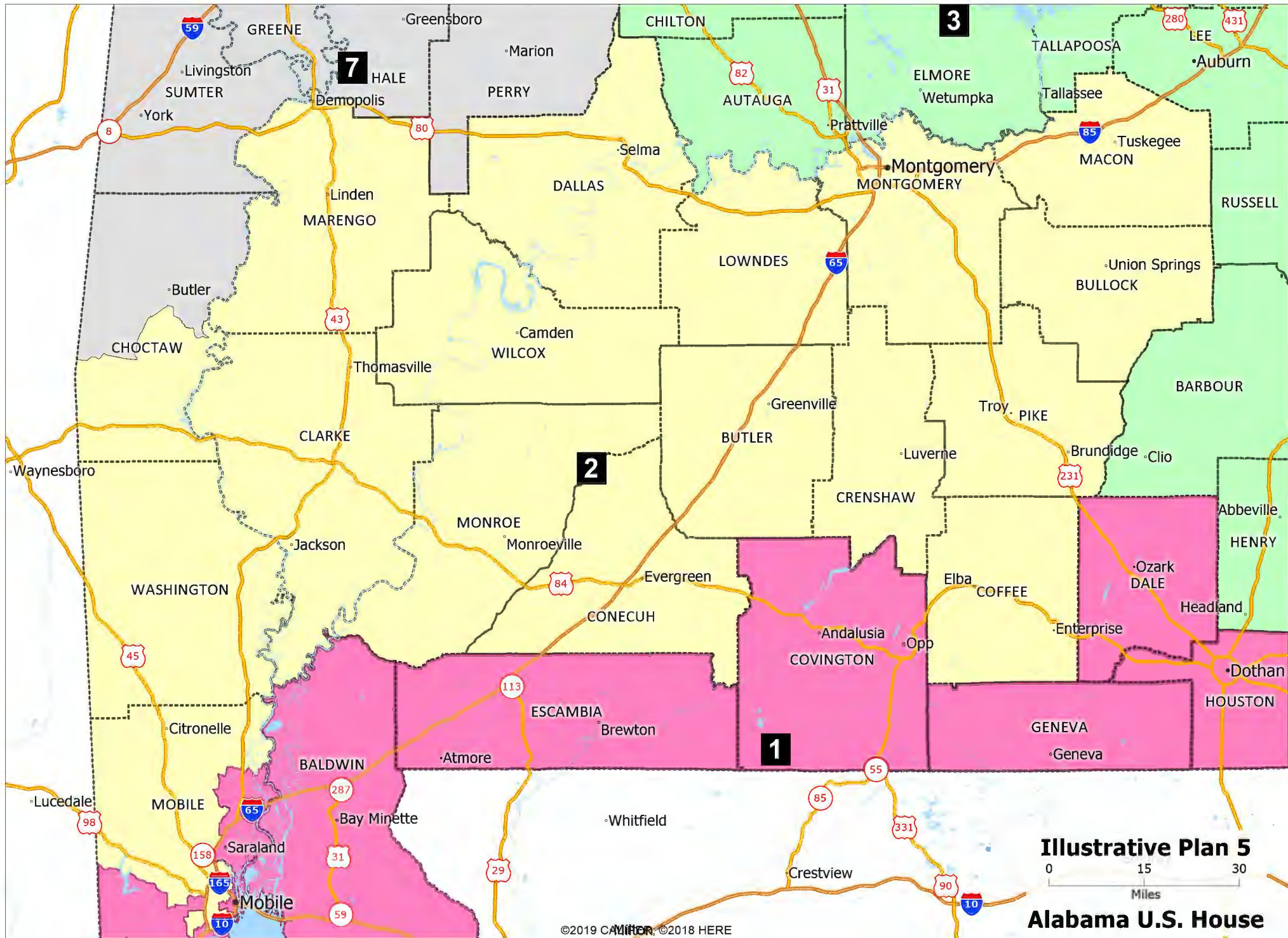
Source for CVAP disaggregation: Redistricting Data Hub

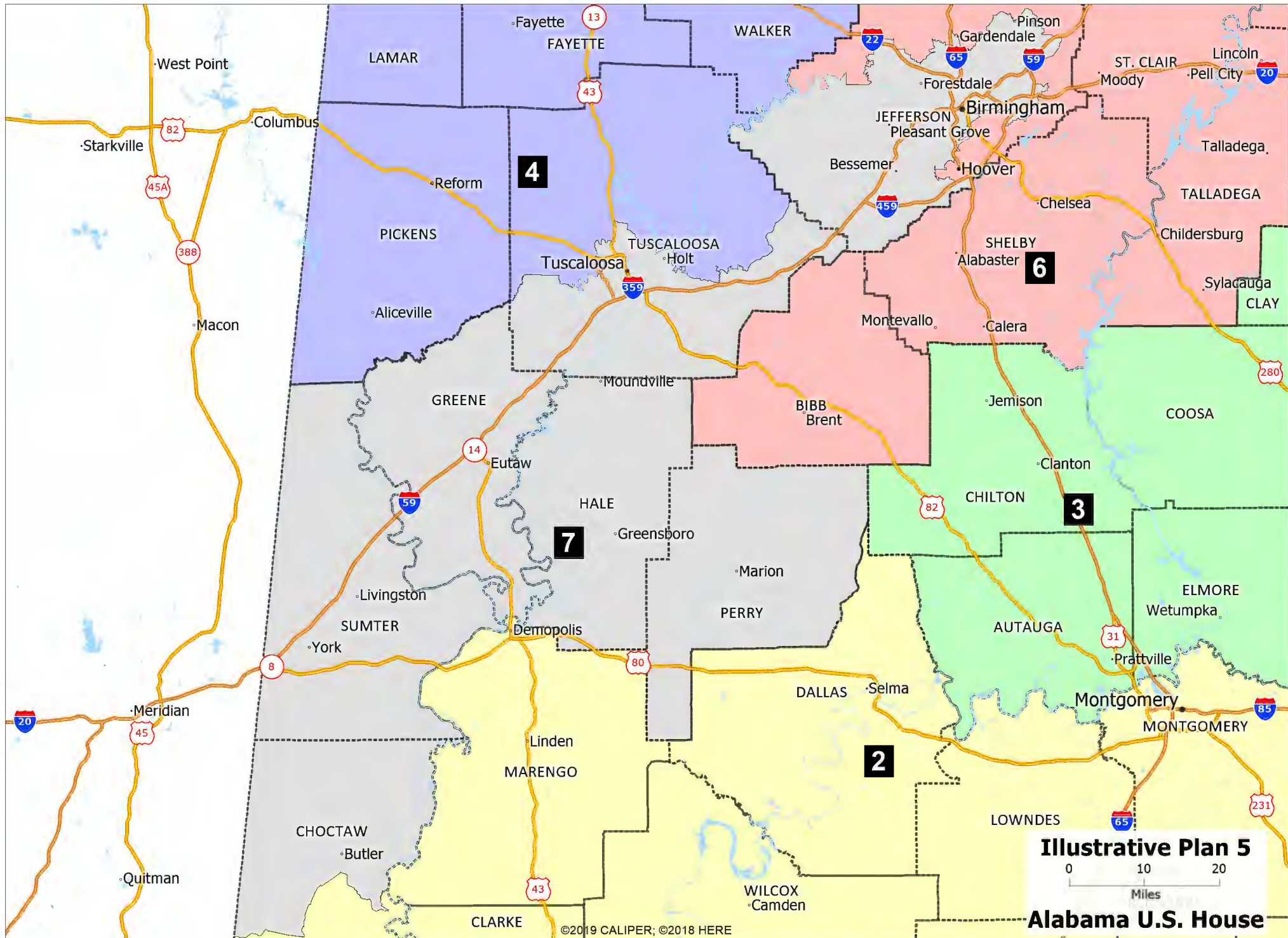
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-2020-block-level-2019/>

# **Exhibit K-2**



# **Exhibit K-3**





# **Exhibit K-4**

User:

Plan Name: **AL\_Congress\_Illustrative\_Plan 5**Plan Type: **Congress**

## Political Subdivison Splits Between Districts

Sunday, December 5, 2021

3:42 PM

Number of subdivisions not split:

County	61
Voting District	1,813

Number of subdivisions split into more than one district:

County	6
Voting District	24

Number of splits involving no population:

County	0
Voting District	4

### Split Counts

#### *County*

Cases where an area is split among 2 Districts: 6

#### *Voting District*

Cases where an area is split among 2 Districts: 24

County	Voting District	District	Population
<i>Split Counties:</i>			
Calhoun AL		3	112,435
Calhoun AL		6	4,006
Choctaw AL		2	5,316
Choctaw AL		7	7,349
Jackson AL		4	42,524
Jackson AL		5	10,055
Jefferson AL		6	191,744
Jefferson AL		7	482,977
Mobile AL		1	228,474
Mobile AL		2	186,335
Tuscaloosa AL		4	42,980
Tuscaloosa AL		7	184,056
<i>Split VTDs:</i>			
Calhoun AL	Ohatchee First Bapt Church	3	658
Calhoun AL	Ohatchee First Bapt Church	6	2,738
Choctaw AL	Ararat	2	199
Choctaw AL	Ararat	7	164
Choctaw AL	Pleasant Hill	2	368
Choctaw AL	Pleasant Hill	7	3
Jackson AL	Hollywood City Hall	4	1,582
Jackson AL	Hollywood City Hall	5	326

**Political Subdivison Splits Between Districts**

AL\_Congress\_Illustrative\_Plan

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jackson AL	Scottsboro Rec Comm Bldg	4	14,770
Jackson AL	Scottsboro Rec Comm Bldg	5	201
Jefferson AL	Brookside Comm Ctr	6	1,628
Jefferson AL	Brookside Comm Ctr	7	17
Jefferson AL	Fultondale Sr Citizens Bldg	6	0
Jefferson AL	Fultondale Sr Citizens Bldg	7	5,086
Jefferson AL	Gardendale Civic Ctr	6	3,812
Jefferson AL	Gardendale Civic Ctr	7	6,678
Jefferson AL	Gardendale Mt Vernon UM	6	6,703
Jefferson AL	Gardendale Mt Vernon UM	7	16
Jefferson AL	Homewood Public Lib	6	6,012
Jefferson AL	Homewood Public Lib	7	4,165
Jefferson AL	Maurice West Comm Ctr	6	177
Jefferson AL	Maurice West Comm Ctr	7	1,911
Jefferson AL	McElwain Bapt Church	6	4,225
Jefferson AL	McElwain Bapt Church	7	562
Jefferson AL	Palmerdale UM Church	6	3,234
Jefferson AL	Palmerdale UM Church	7	12
Jefferson AL	Trussville City Hall	6	10,161
Jefferson AL	Trussville City Hall	7	0
Mobile AL	Christ Anglican Church	1	1,072
Mobile AL	Christ Anglican Church	2	3,843
Mobile AL	J C Davis Audit	1	0
Mobile AL	J C Davis Audit	2	6,457
Mobile AL	New Shiloh Miss Bapt	1	772
Mobile AL	New Shiloh Miss Bapt	2	4,439
Mobile AL	Rock of Faith Bapt Ch	1	68
Mobile AL	Rock of Faith Bapt Ch	2	4,062
Tuscaloosa AL	Chapel Hill Church	4	5,583
Tuscaloosa AL	Chapel Hill Church	7	769
Tuscaloosa AL	Coaling Town Hall	4	361
Tuscaloosa AL	Coaling Town Hall	7	3,661
Tuscaloosa AL	Holt Elem School	4	0
Tuscaloosa AL	Holt Elem School	7	4,930
Tuscaloosa AL	Mary Phelps Ctr	4	6,394
Tuscaloosa AL	Mary Phelps Ctr	7	1,802
Tuscaloosa AL	Northport Comm Ctr	4	2
Tuscaloosa AL	Northport Comm Ctr	7	4,779
Tuscaloosa AL	Peterson Church	4	1,660
Tuscaloosa AL	Peterson Church	7	11

# **Exhibit L-1**

## Population Summary Report

### Alabama U.S. House -- 2020 Census -- Illustrative Plan 6

District	Population	Deviation	% Deviation	AP Black	% AP Black	Latino	% Latino	NH White	% NH White
1	717753	-1	0.00%	123620	17.22%	33720	4.70%	523036	72.87%
2	717755	1	0.00%	383336	53.41%	22849	3.18%	284951	39.70%
3	717753	-1	0.00%	186767	26.02%	32190	4.48%	467450	65.13%
4	717754	0	0.00%	44637	6.22%	59241	8.25%	583071	81.24%
5	717755	1	0.00%	140715	19.60%	44392	6.18%	490094	68.28%
6	717755	1	0.00%	103086	14.36%	32377	4.51%	549028	76.49%
7	717754	0	0.00%	382575	53.30%	39278	5.47%	273721	38.14%
<b>Total</b>	<b>5024279</b>		<b>0.00%</b>	<b>1364736</b>	<b>27.16%</b>	<b>264047</b>	<b>5.26%</b>	<b>3171351</b>	<b>63.12%</b>

District	18+ Pop	18+ AP Black	% 18+ AP Black	18+ Latino	% 18+ Latino	18+ NH White	% 18+ NH White
1	556657	88108	15.83%	21533	3.87%	419023	75.27%
2	560712	287511	51.28%	15239	2.72%	237522	42.36%
3	562748	139377	24.77%	20626	3.67%	378272	67.22%
4	555444	31290	5.63%	34825	6.27%	465620	83.83%
5	561685	104788	18.66%	27939	4.97%	396723	70.63%
6	556812	75591	13.58%	20433	3.67%	436032	78.31%
7	563108	287707	51.09%	26261	4.66%	231352	41.08%
<b>Total</b>	<b>3917166</b>	<b>1014372</b>	<b>25.90%</b>	<b>166856</b>	<b>4.26%</b>	<b>2564544</b>	<b>65.47%</b>

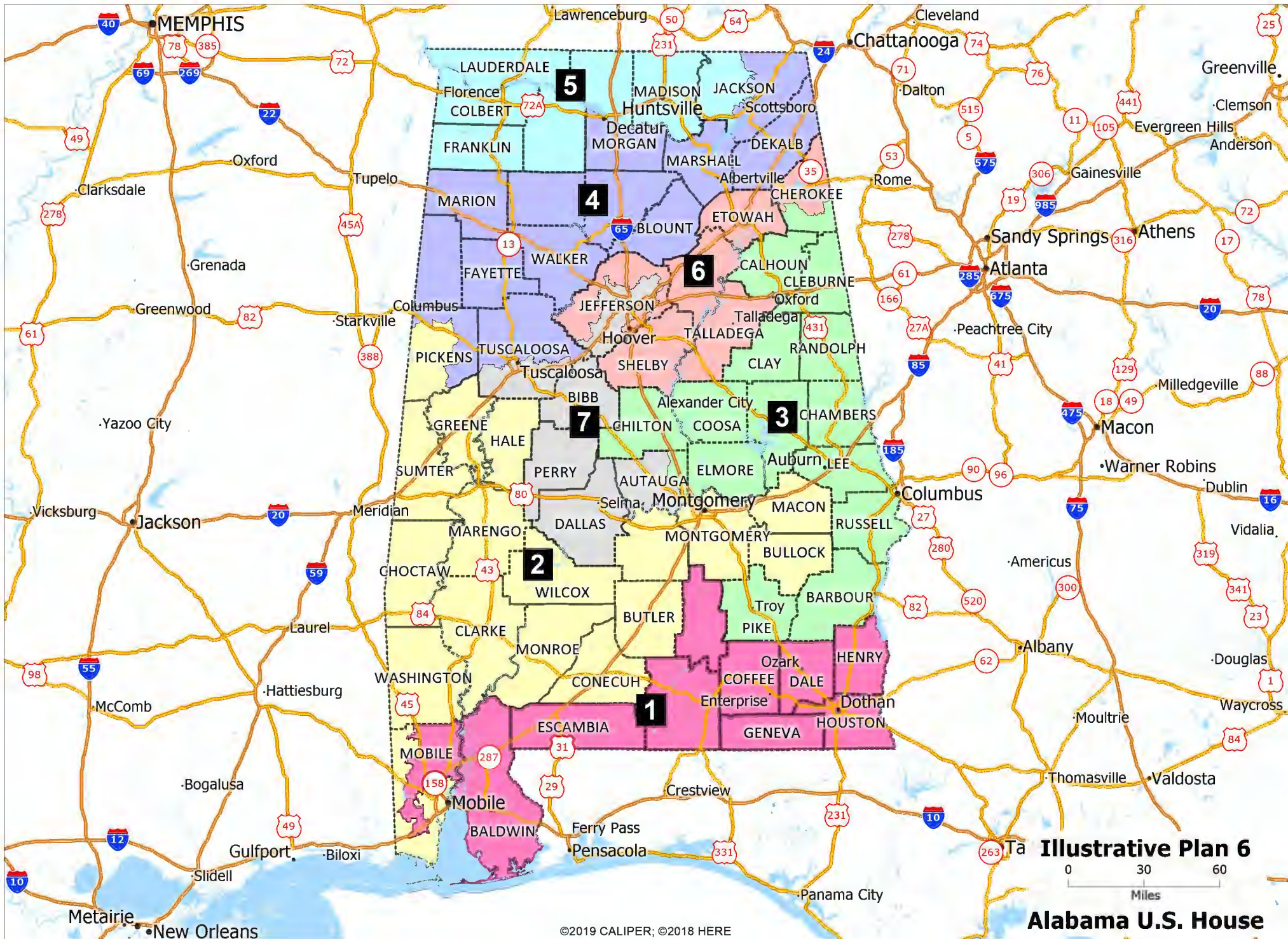
District	% NH Single-Race Black CVAP*	% Latino CVAP	% SR NH White CVAP
1	16.13%	2.49%	78.58%
2	52.44%	1.28%	44.26%
3	25.01%	2.09%	71.15%
4	5.42%	2.46%	90.00%
5	18.64%	2.46%	75.43%
6	13.58%	1.54%	83.06%
7	52.48%	1.40%	44.42%

Note: Citizen Voting Age Population (CVAP) percentages are disaggregated from block-group level ACS estimates (with a survey midpoint of July 2017)

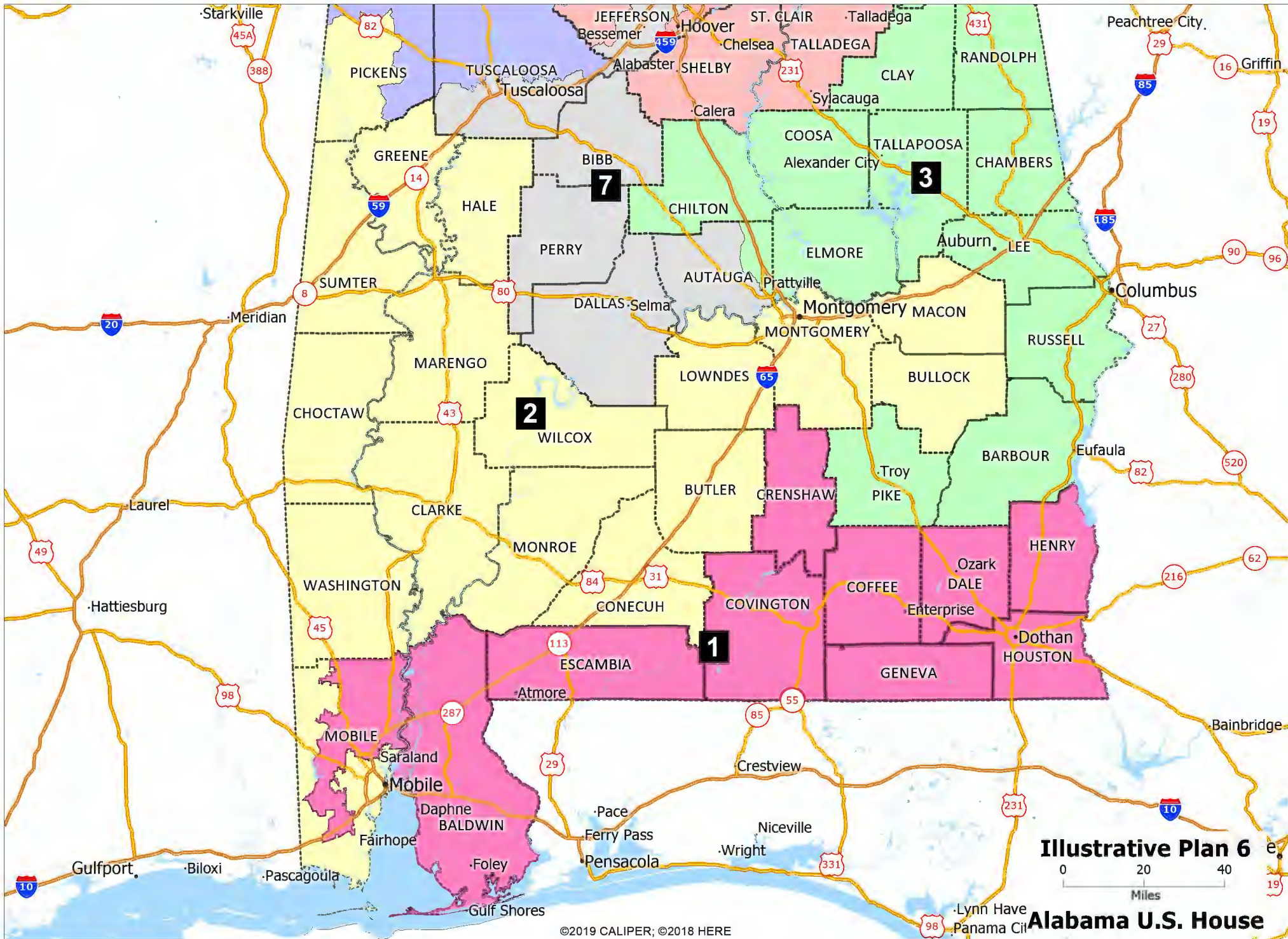
Source for CVAP disaggregation: Redistricting Data Hub

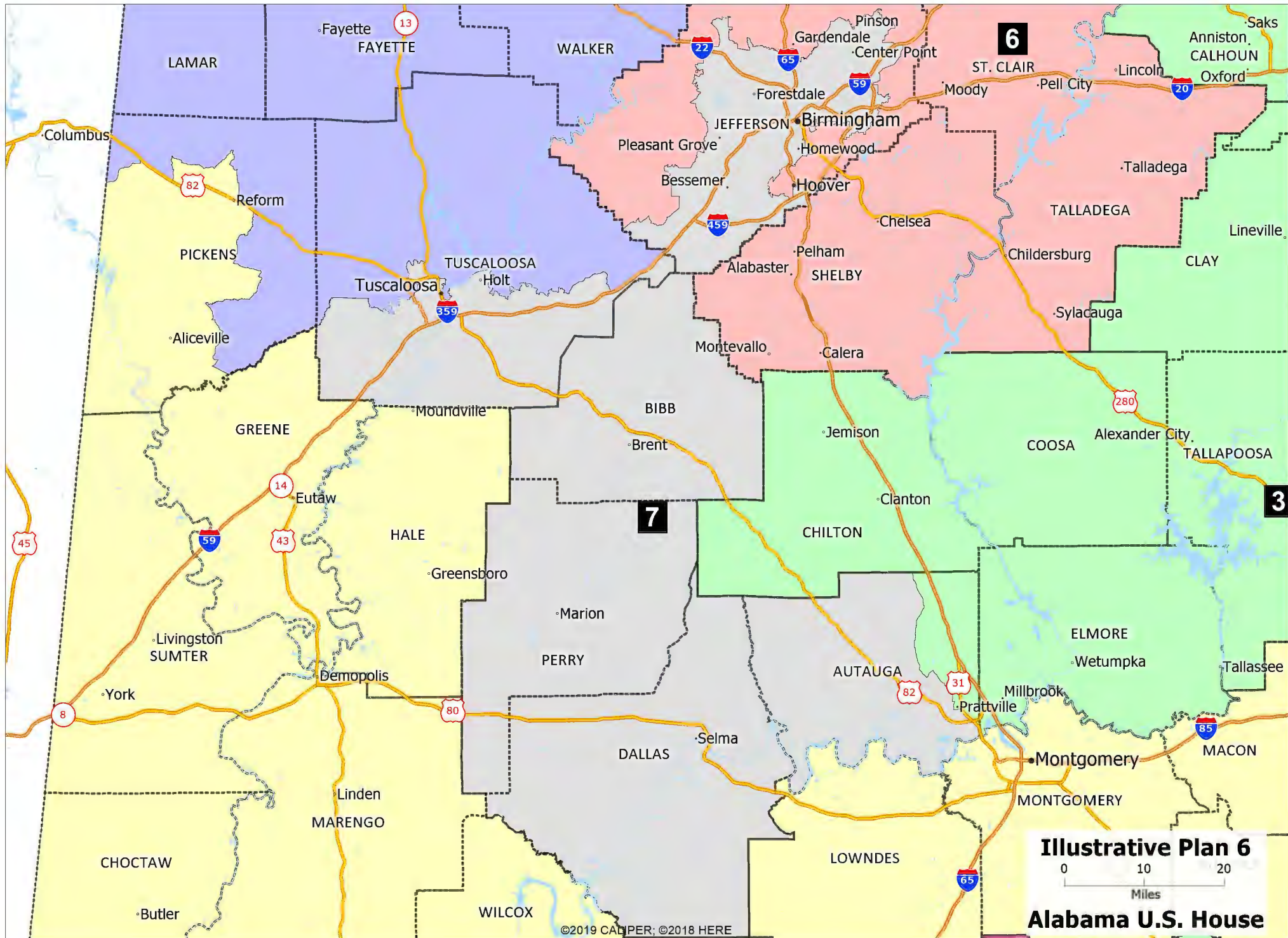
<https://redistrictingdatahub.org/dataset/alabama-cvap-data-disaggregated-to-the-2020-block-level-2019/>

# **Exhibit L-2**



# **Exhibit L-3**





# **Exhibit L-4**

User:

Plan Name: Illustrative Plan 6

Plan Type: Congress

## Political Subdivison Splits Between Districts

Wednesday, December 6, 2021

2:03 PM

### Split Counts

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

County	7	County	0
Voting District	36	Voting District	9

Number of times a subdivision is split into multiple districts:

County	7
Voting District	36

County	Voting District	District	Population
<i>Split Counties:</i>			
Autauga AL		3	34,550
Autauga AL		7	24,255
Cherokee AL		3	4,386
Cherokee AL		6	20,585
Jackson AL		4	42,524
Jackson AL		5	10,055
Jefferson AL		6	197,458
Jefferson AL		7	477,263
Mobile AL		1	144,667
Mobile AL		2	270,142
Pickens AL		2	12,116
Pickens AL		4	7,007
Tuscaloosa AL		4	80,066
Tuscaloosa AL		7	146,970
<i>Split VTDs:</i>			
Cherokee AL	Congregational Church	3	187
Cherokee AL	Congregational Church	6	157
Jackson AL	Hollywood City Hall	4	1,552
Jackson AL	Hollywood City Hall	5	356
Jackson AL	Scottsboro Rec Comm Bldg	4	14,800
Jackson AL	Scottsboro Rec Comm Bldg	5	171
Jefferson AL	Brookwood Bapt Church	6	5,544
Jefferson AL	Brookwood Bapt Church	7	0
Jefferson AL	Cherokee Bend Elem Sch	6	2,797
Jefferson AL	Cherokee Bend Elem Sch	7	4
Jefferson AL	Clay Comm Ctr	6	4,128
Jefferson AL	Clay Comm Ctr	7	3,277
Jefferson AL	Fultondale Sr Citizens Bldg	6	0
Jefferson AL	Fultondale Sr Citizens Bldg	7	5,086

**Political Subdivison Splits Between Districts**

al\_dec\_8\_draft

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Jefferson AL	Gardendale Civic Ctr	6	4,888
Jefferson AL	Gardendale Civic Ctr	7	5,602
Jefferson AL	Leeds Civic Ctr	6	4,022
Jefferson AL	Leeds Civic Ctr	7	0
Jefferson AL	McElwain Bapt Church	6	2,805
Jefferson AL	McElwain Bapt Church	7	1,982
Jefferson AL	Trussville City Hall	6	9,796
Jefferson AL	Trussville City Hall	7	365
Mobile AL	1st Bapt Ch St Elmo	1	4,363
Mobile AL	1st Bapt Ch St Elmo	2	199
Mobile AL	Azalea City Ch Christ	1	1,216
Mobile AL	Azalea City Ch Christ	2	2,780
Mobile AL	Citronelle Rec Ctr	1	4,199
Mobile AL	Citronelle Rec Ctr	2	194
Mobile AL	Collins Rhodes Elem Sch	1	504
Mobile AL	Collins Rhodes Elem Sch	2	4,800
Mobile AL	Creekwood Ch of Christ	1	9,827
Mobile AL	Creekwood Ch of Christ	2	455
Mobile AL	Dayspring Bapt Church	1	8,126
Mobile AL	Dayspring Bapt Church	2	668
Mobile AL	Georgetown Bapt Church	1	3,090
Mobile AL	Georgetown Bapt Church	2	240
Mobile AL	Holy Name of Jesus Church	1	6,869
Mobile AL	Holy Name of Jesus Church	2	1,041
Mobile AL	Indian Springs Church	1	1,126
Mobile AL	Indian Springs Church	2	1,886
Mobile AL	J C Davis Audit	1	0
Mobile AL	J C Davis Audit	2	6,457
Mobile AL	Magnolia Springs Church	1	4,756
Mobile AL	Magnolia Springs Church	2	314
Mobile AL	Meadowlake Elem	1	8,089
Mobile AL	Meadowlake Elem	2	612
Mobile AL	Mt. Ararat Bapt Church	1	465
Mobile AL	Mt. Ararat Bapt Church	2	2,241
Mobile AL	Saraland Civic Ctr	1	4,728
Mobile AL	Saraland Civic Ctr	2	0
Mobile AL	Satsuma High Sch.	1	6,939
Mobile AL	Satsuma High Sch.	2	0
Mobile AL	Semmes First Bapt Ch	1	5,015
Mobile AL	Semmes First Bapt Ch	2	3,556
Mobile AL	Seven Hills Church	1	8,353
Mobile AL	Seven Hills Church	2	249
Mobile AL	Seven Hills Ctr Fire	1	2,127
Mobile AL	Seven Hills Ctr Fire	2	390
Mobile AL	Shelton Beach Rd Bapt. Ch	1	3,936

**Political Subdivison Splits Between Districts**

al\_dec\_8\_draft

<b>County</b>	<b>Voting District</b>	<b>District</b>	<b>Population</b>
Mobile AL	Shelton Beach Rd Bapt. Ch	2	0
Mobile AL	Sonrise Bapt Church	1	3,072
Mobile AL	Sonrise Bapt Church	2	0
Mobile AL	Tillmans Corner Comm	1	6,990
Mobile AL	Tillmans Corner Comm	2	120
Mobile AL	Union Bapt Church	1	134
Mobile AL	Union Bapt Church	2	5,240
Pickens AL	Reform Bill Dollar Store	2	2,348
Pickens AL	Reform Bill Dollar Store	4	368
Tuscaloosa AL	Church of Highlands	4	7,277
Tuscaloosa AL	Church of Highlands	7	617
Tuscaloosa AL	Holt Elem School	4	0
Tuscaloosa AL	Holt Elem School	7	4,930

# **Exhibit M-1**

## **Selected Socio-Economic Data**

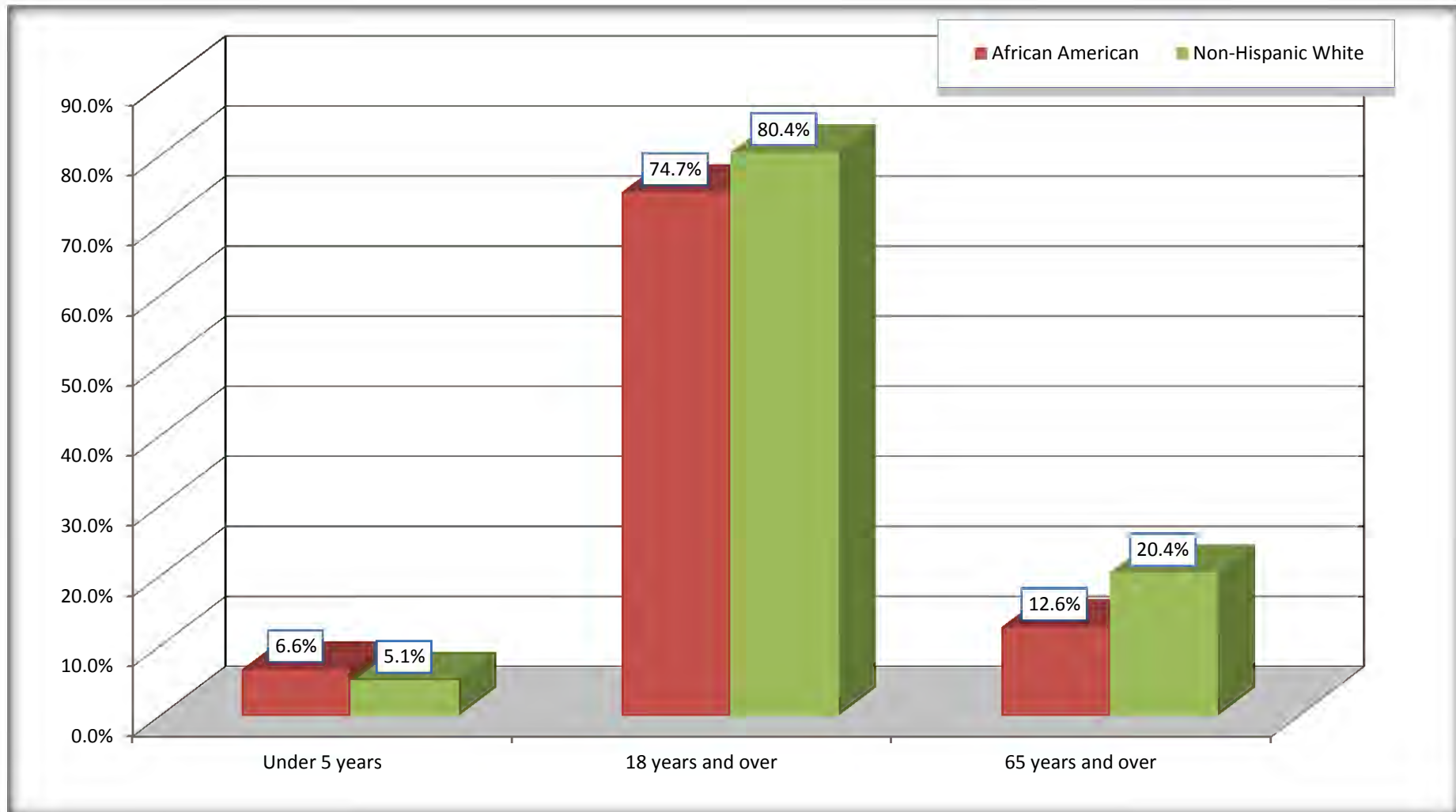
### **Alabama**

**Any Part African American vis-à-vis NH White**

**Data Set: 2019 American Community Survey 1-Year Estimates**

## Population by Age

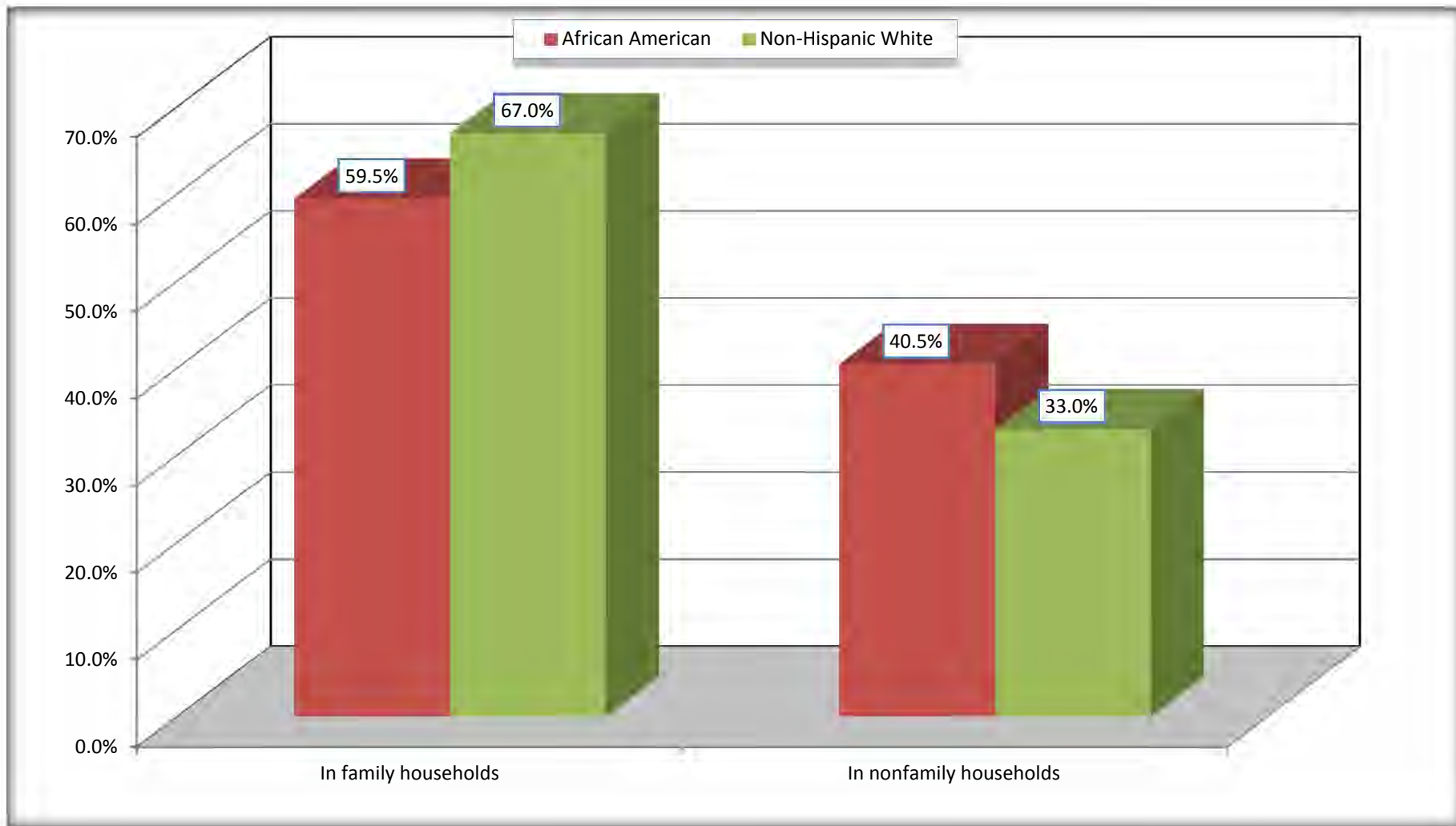
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Household Type for Population in Households

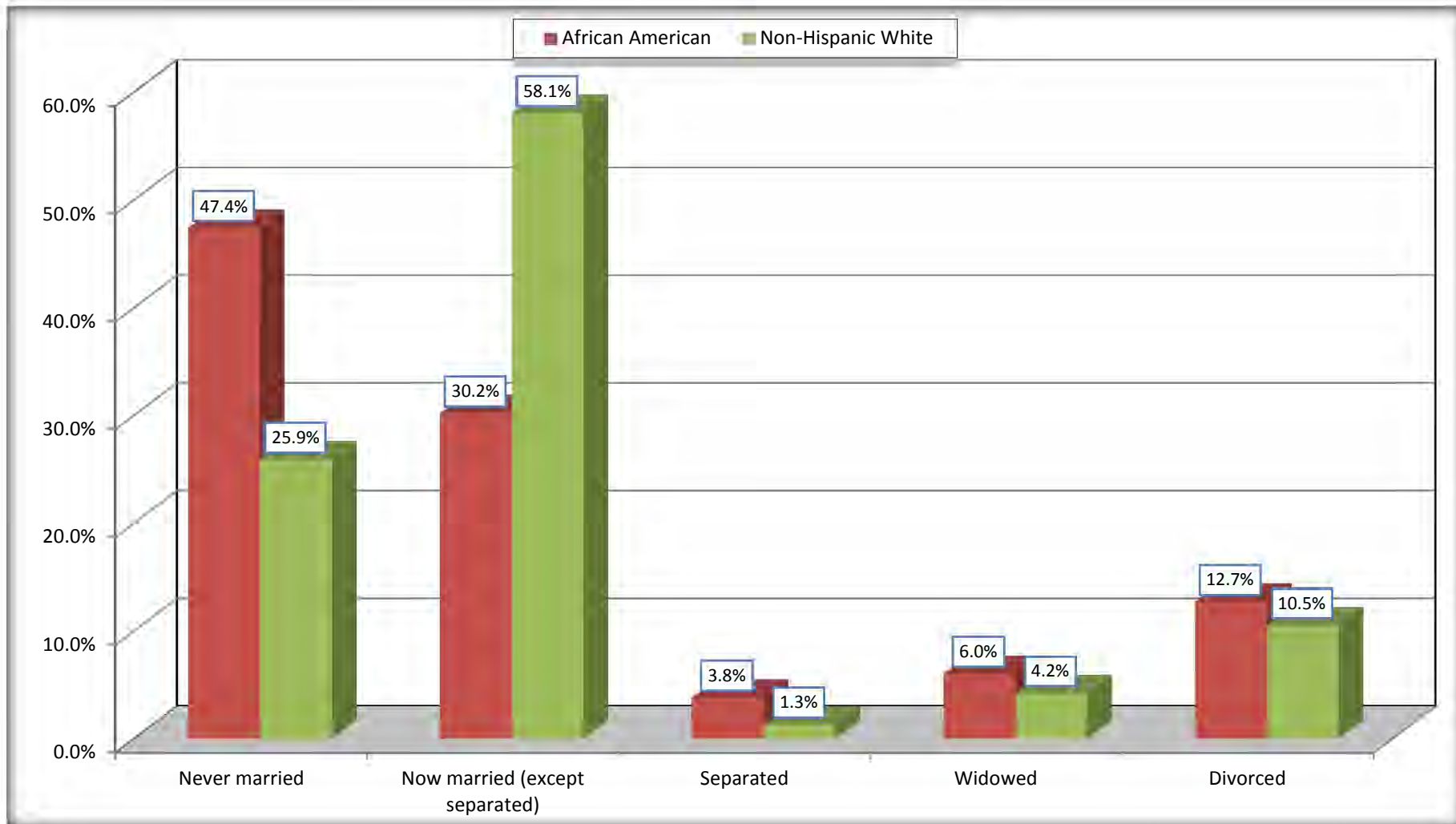
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Marital Status for the Population 15 Years and Over

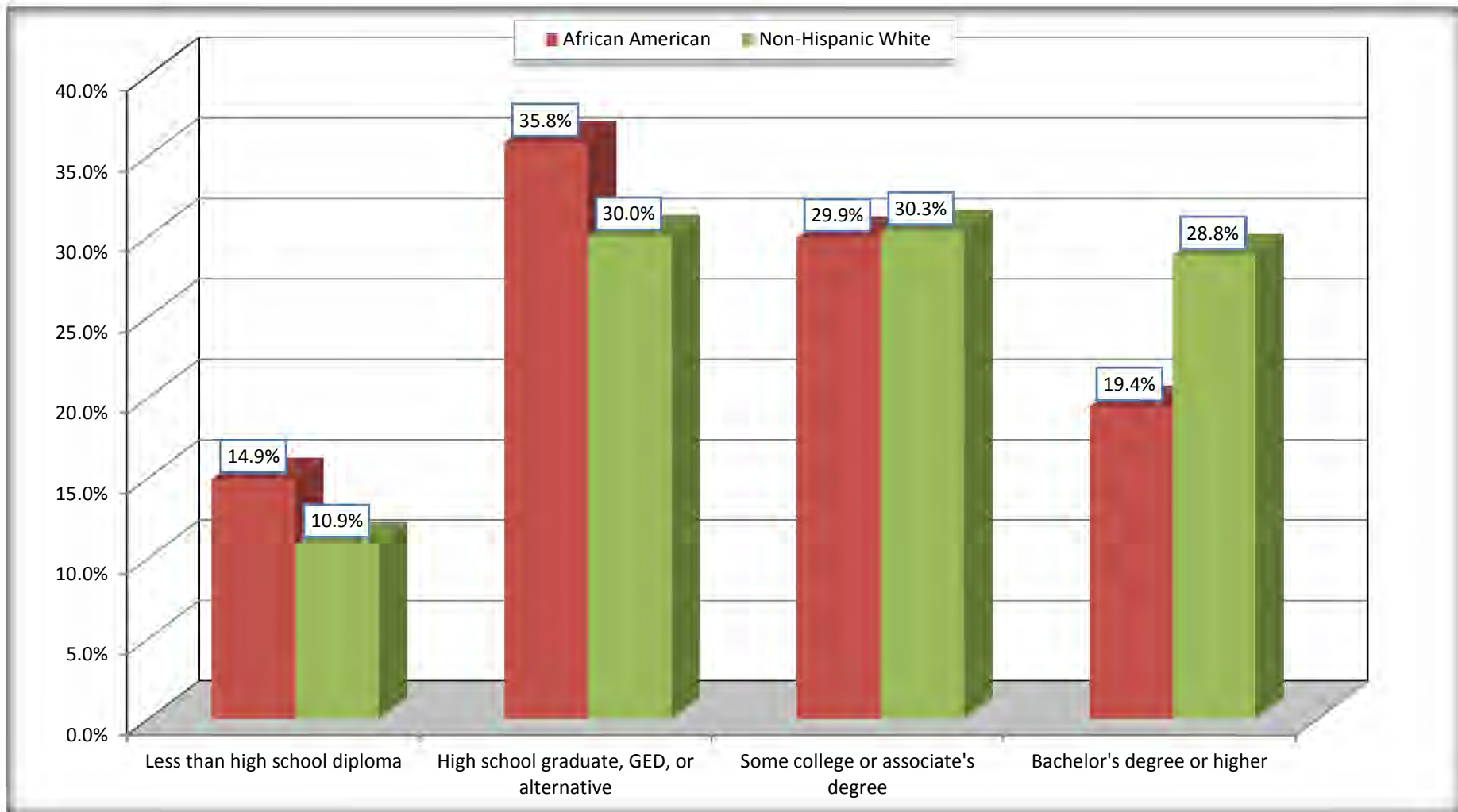
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

## Educational Attainment for the Population 25 Years and Older

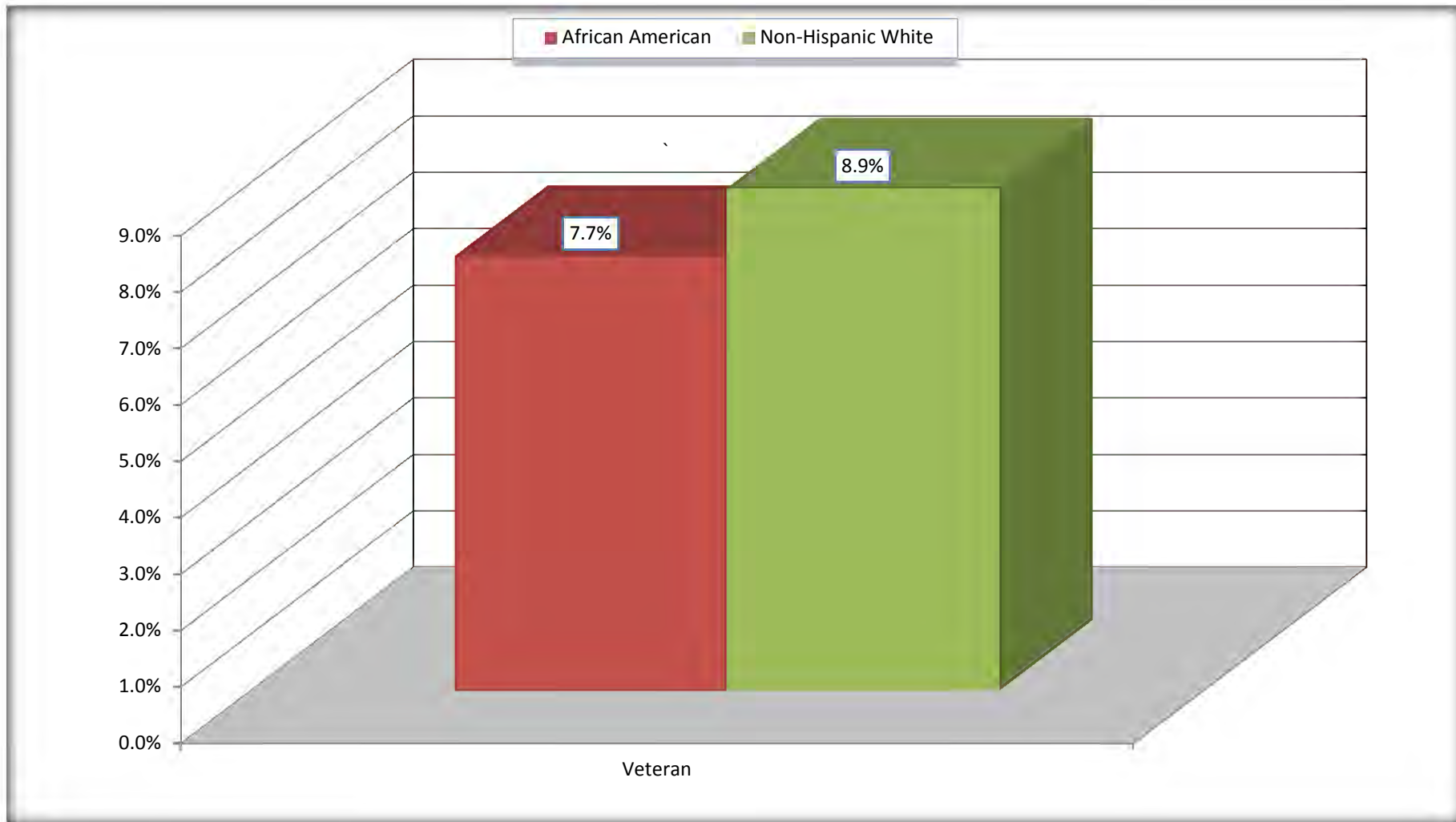
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Veterans in the Civilian Population 18 Years and Over

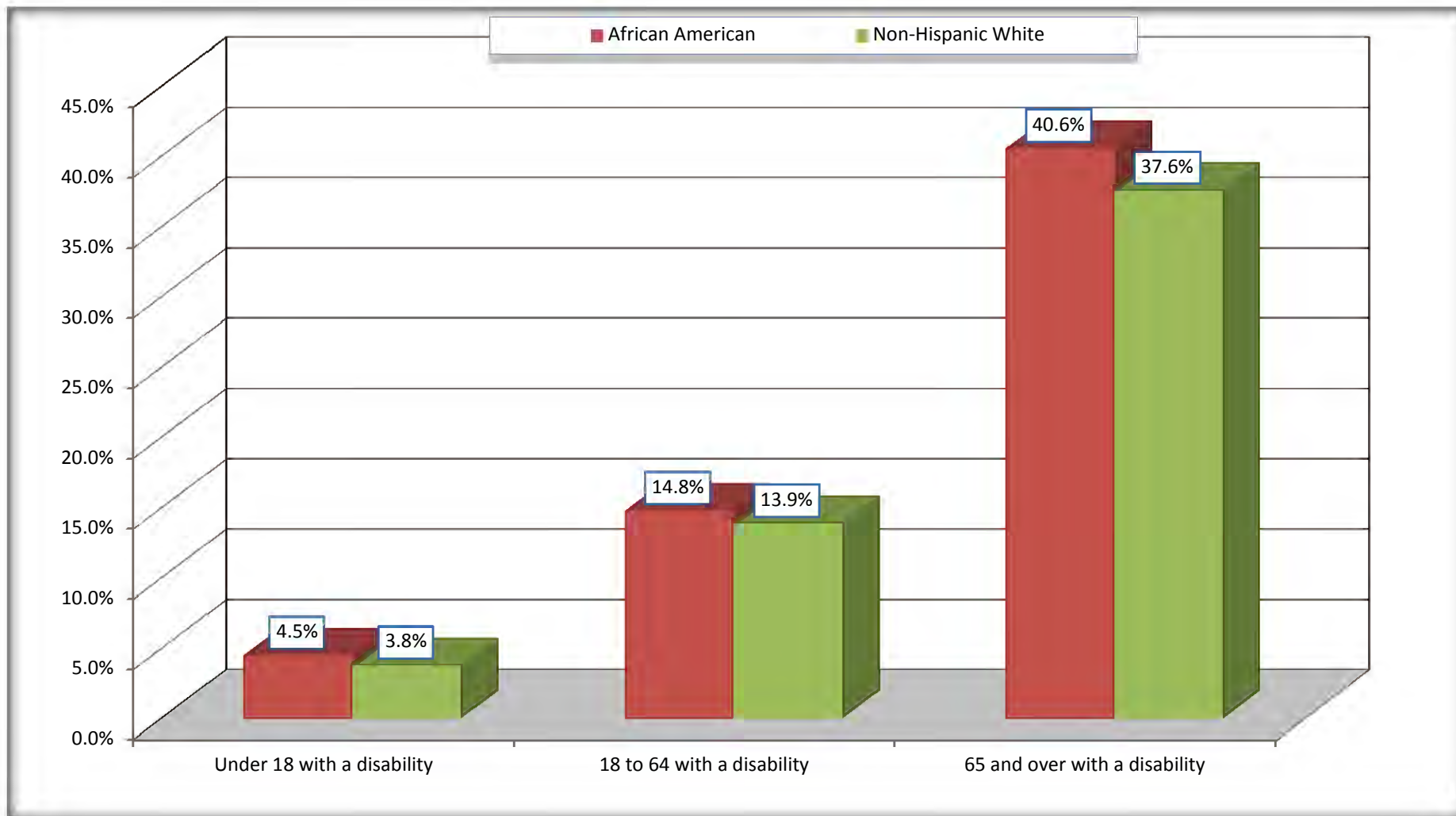
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Disability by Age -- Civilian Noninstitutionalized Population

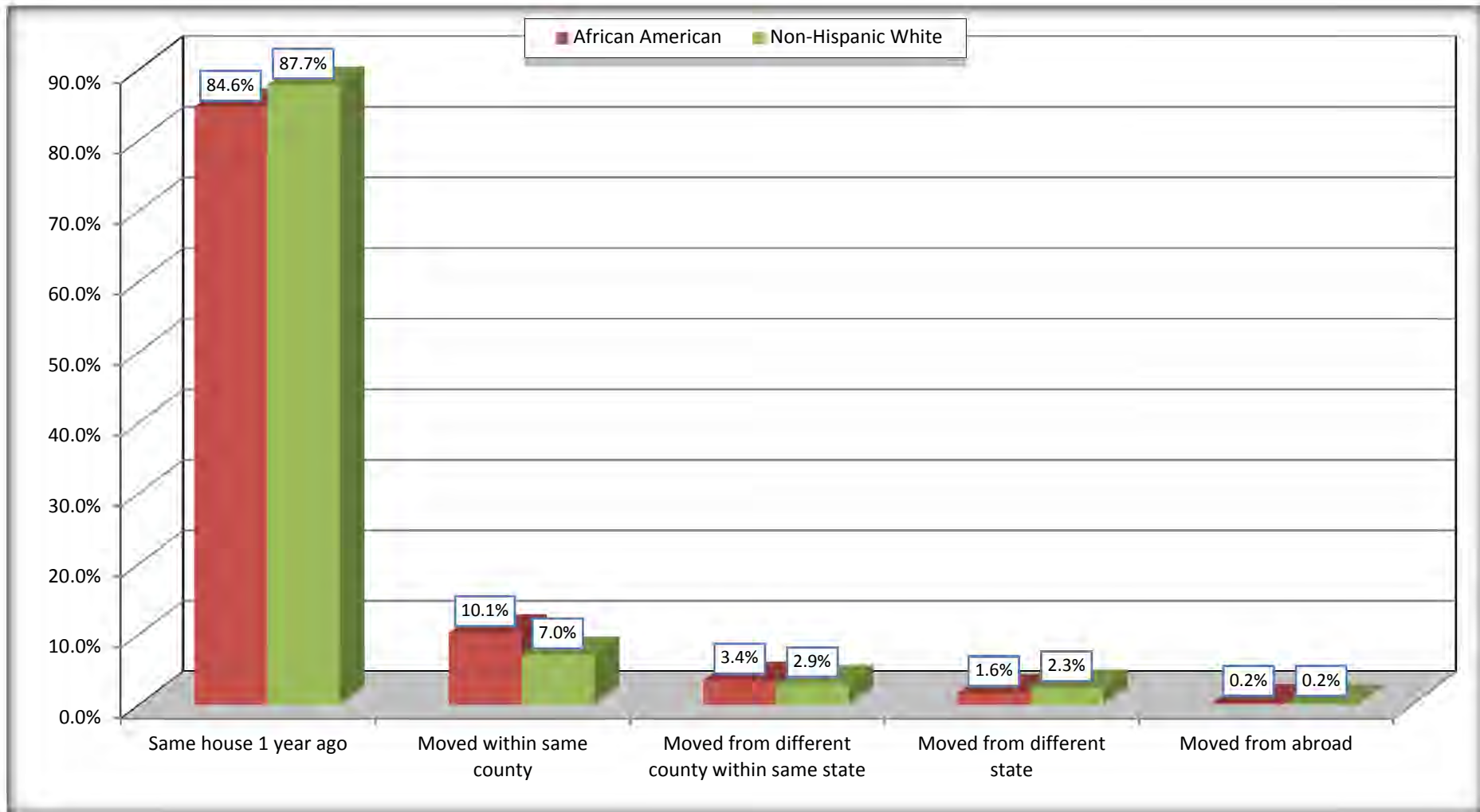
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Geographical Mobility in the Past Year (Population 1 Year and Over)

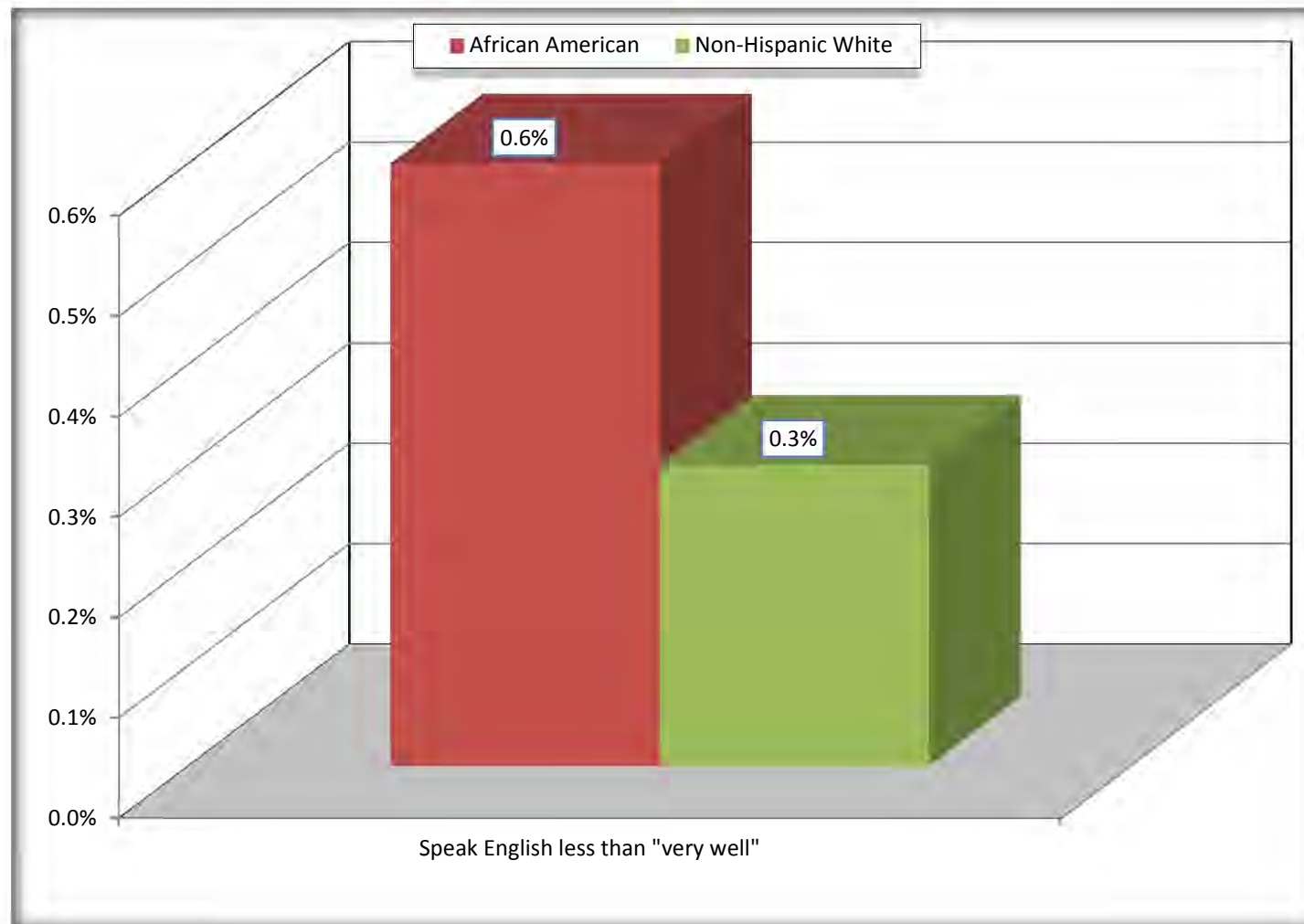
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Speak English Less than "Very Well" (Population 5 Years and Over)

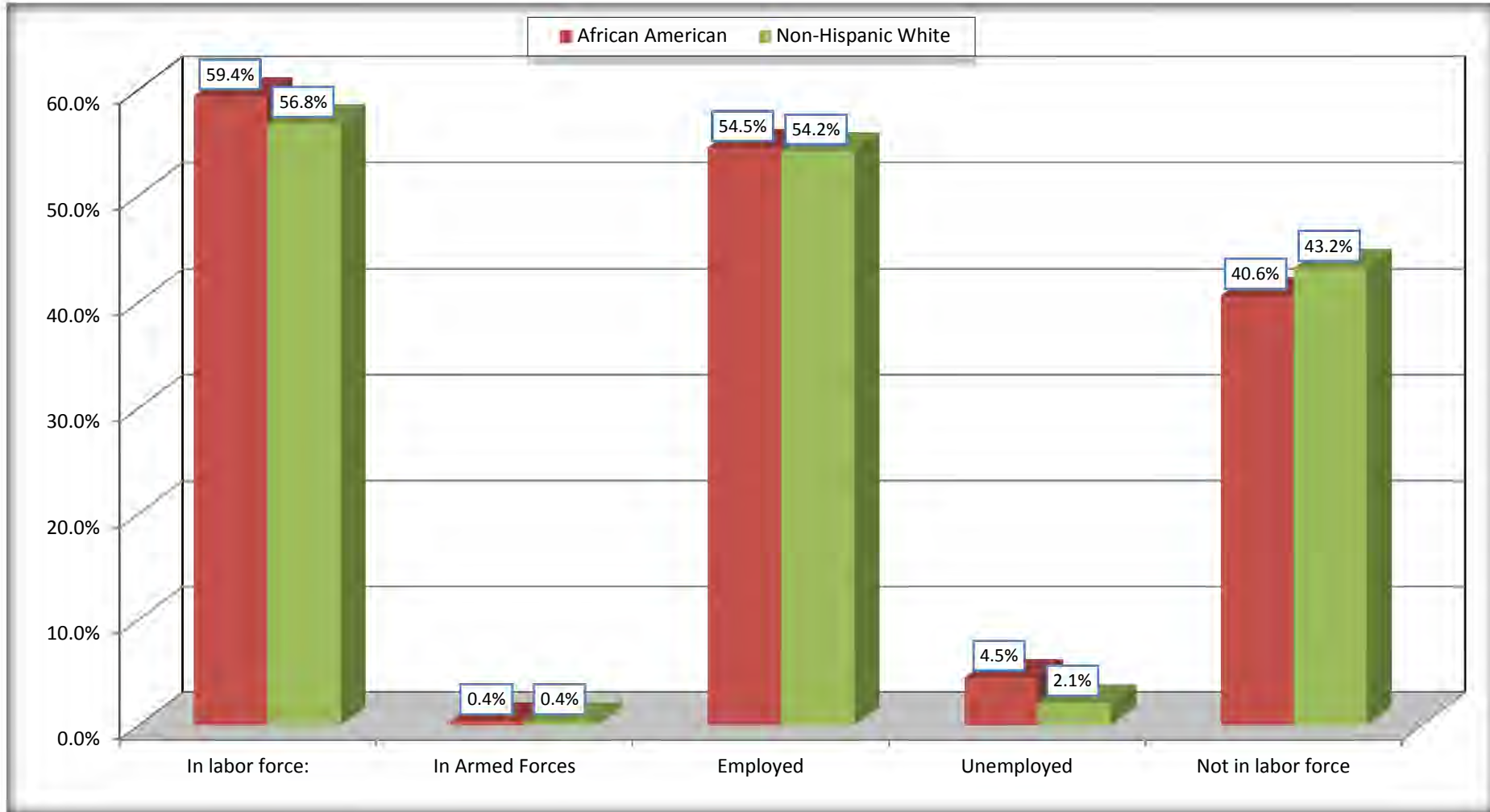
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Employment Status for the Population 16 years and over

### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Unemployment (Civilian Labor Force -- Ages 16 and Over)

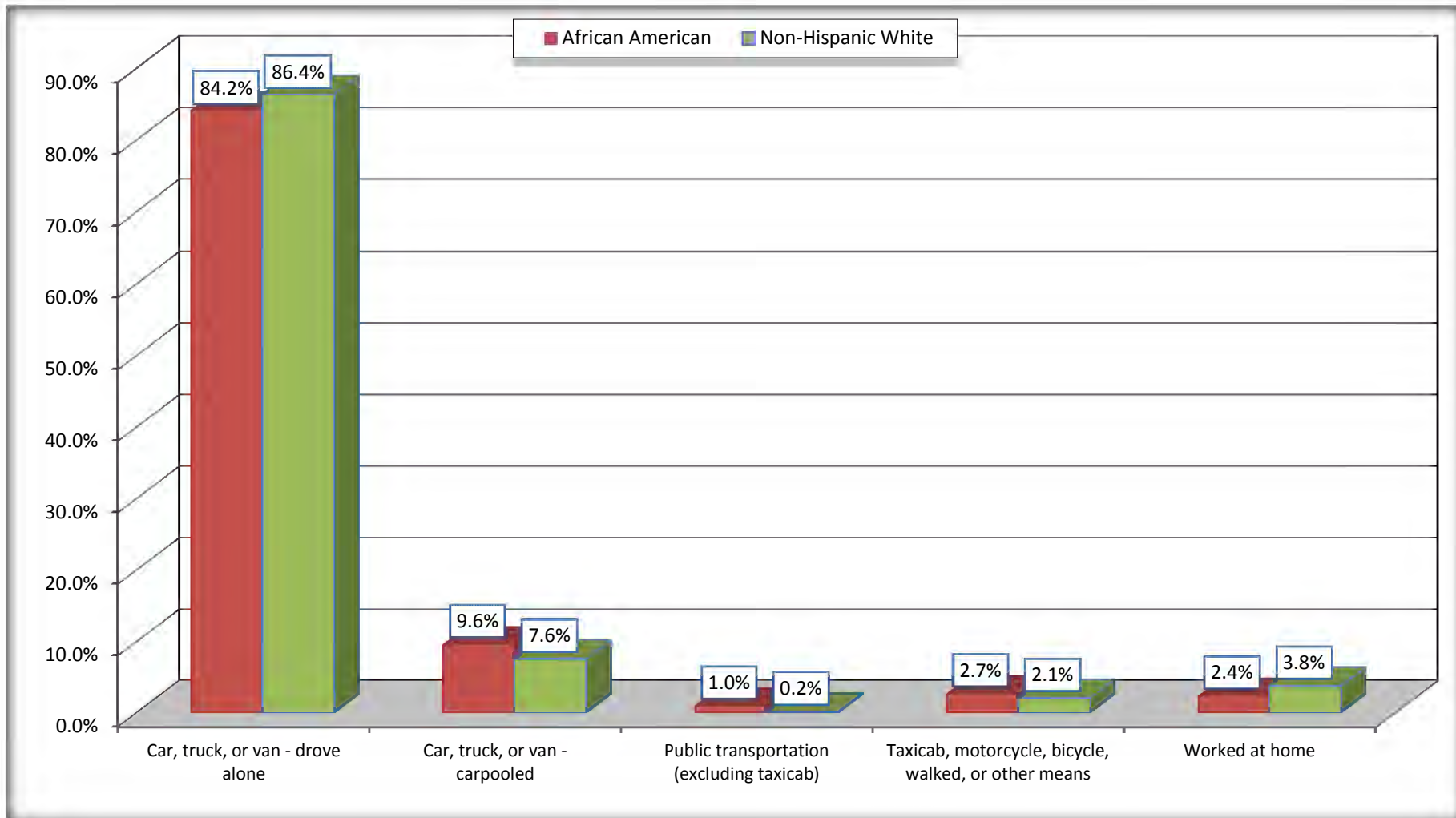
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Means of Transportation to Work (Workers 16 Years and Over)

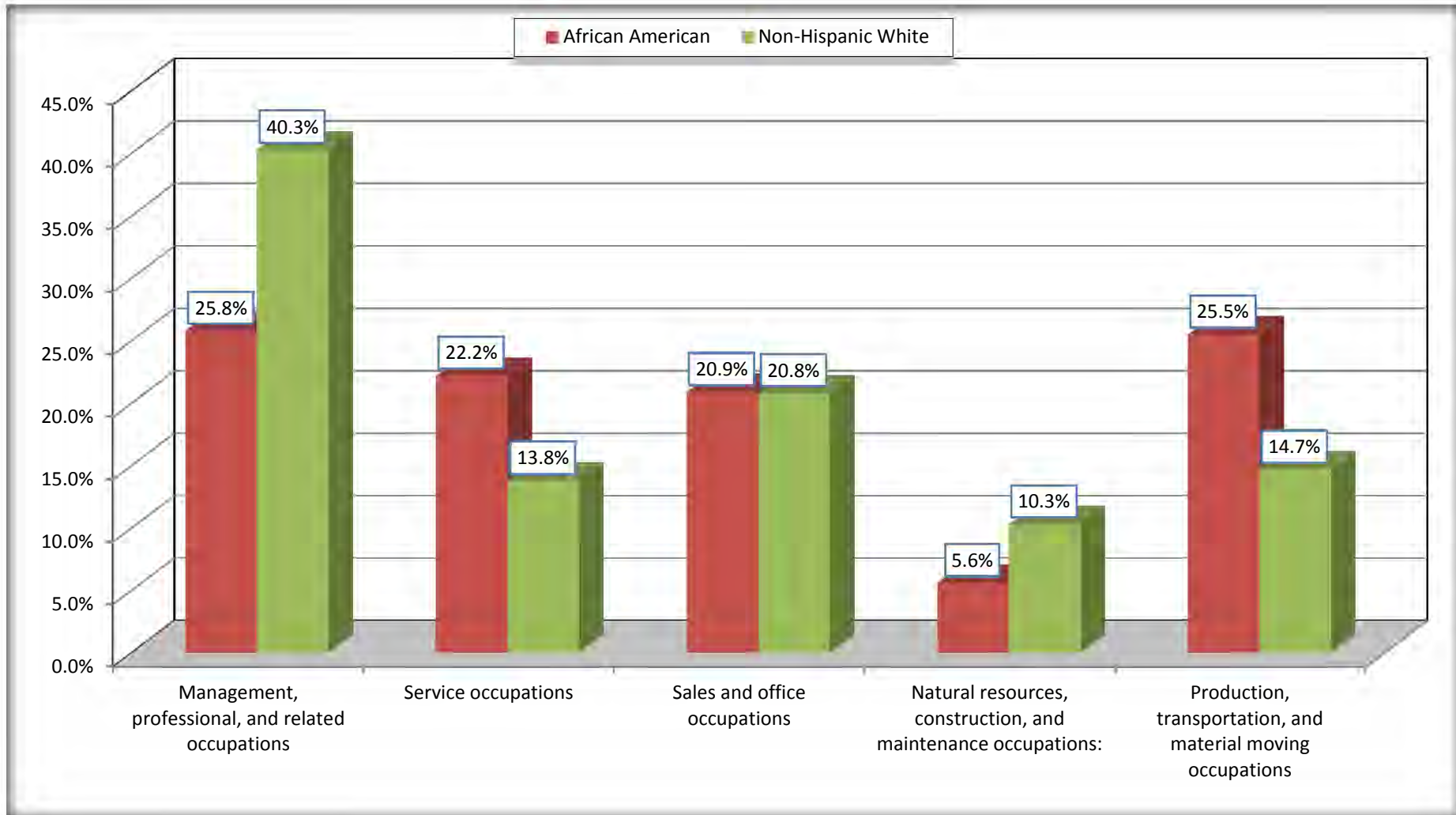
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Occupation for the Civilian Employed 16 Years and Over Population

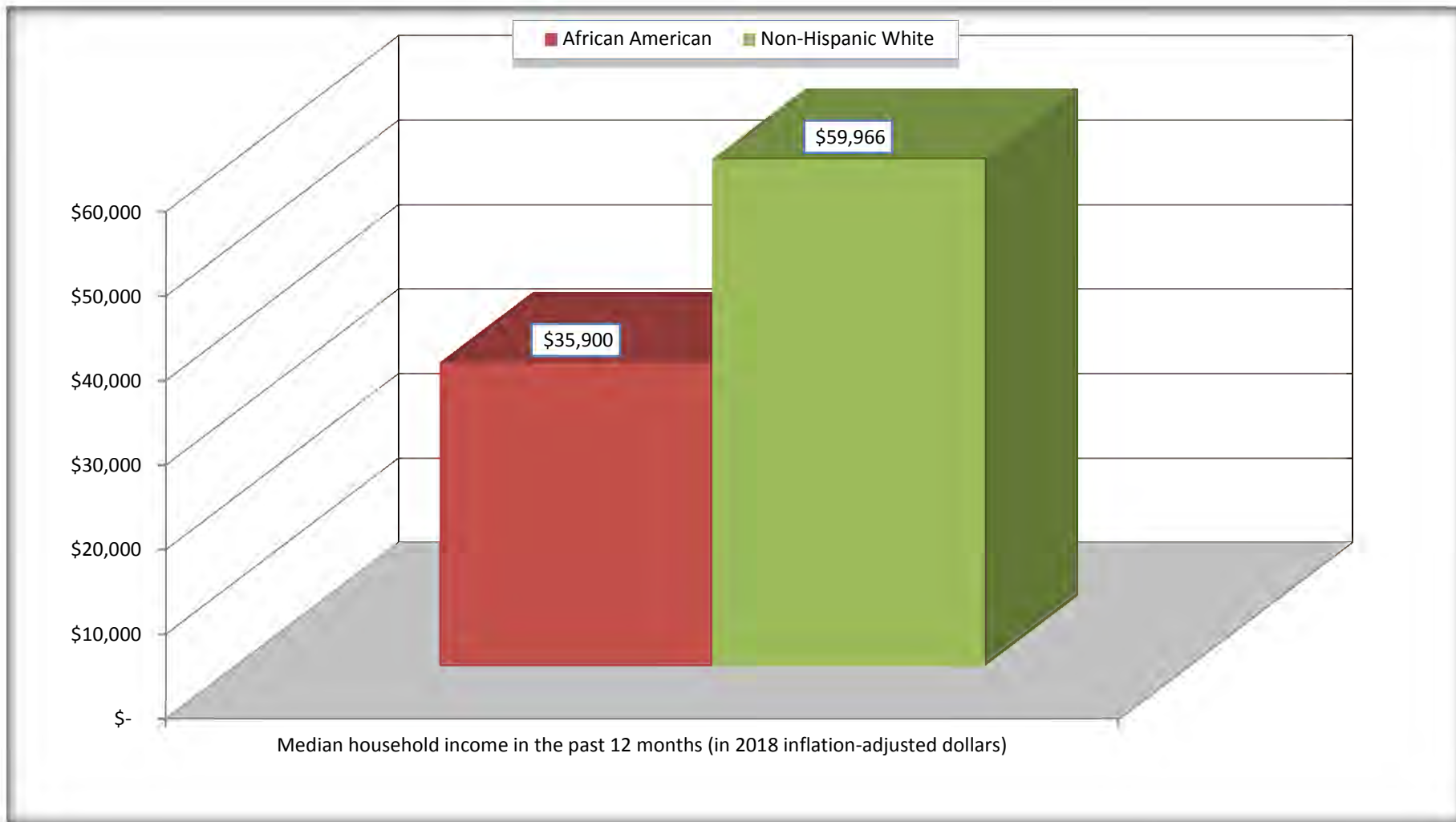
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Median Household Income in the Past 12 Months

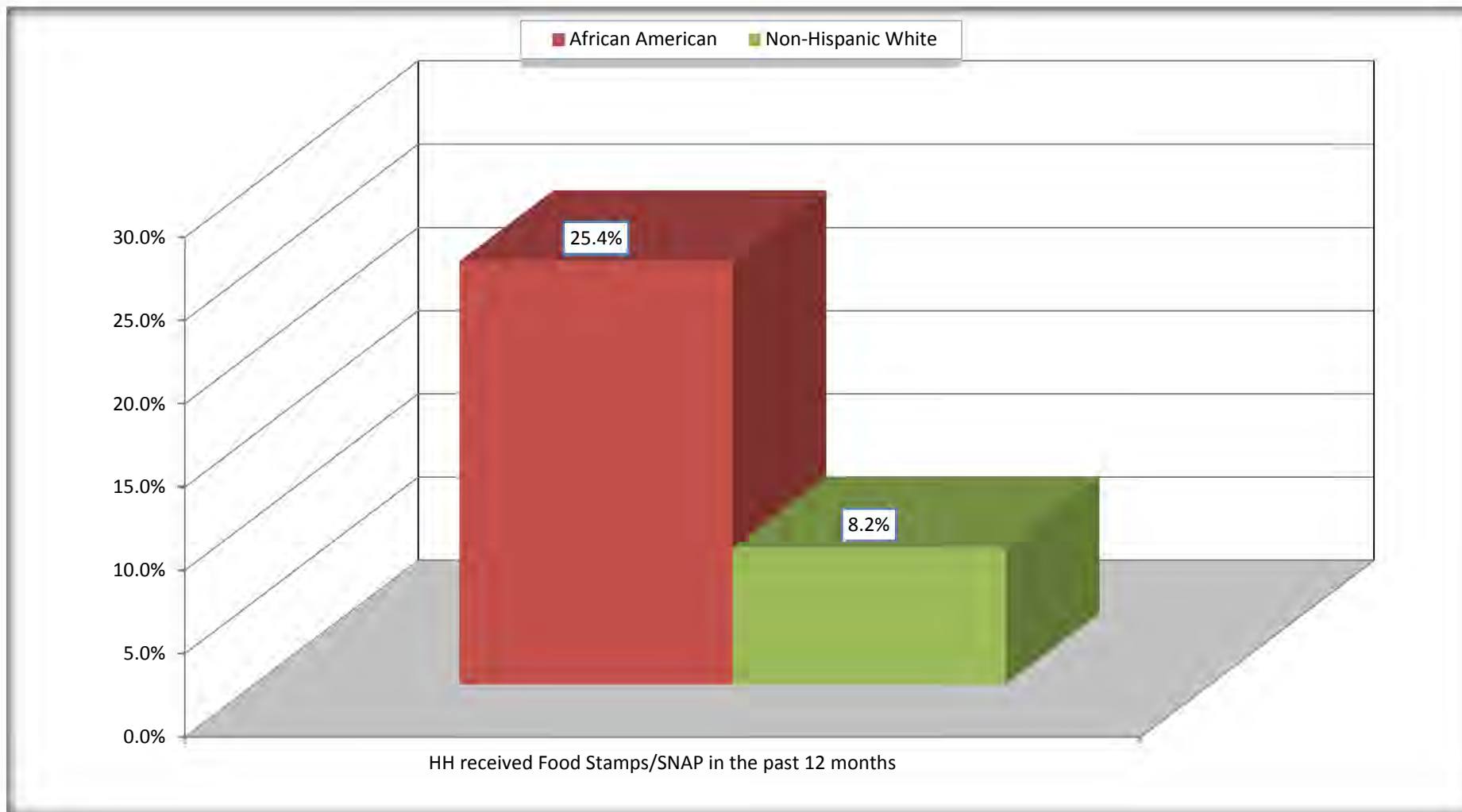
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Receipt of Food Stamps/SNAP in the Past 12 Months by Household

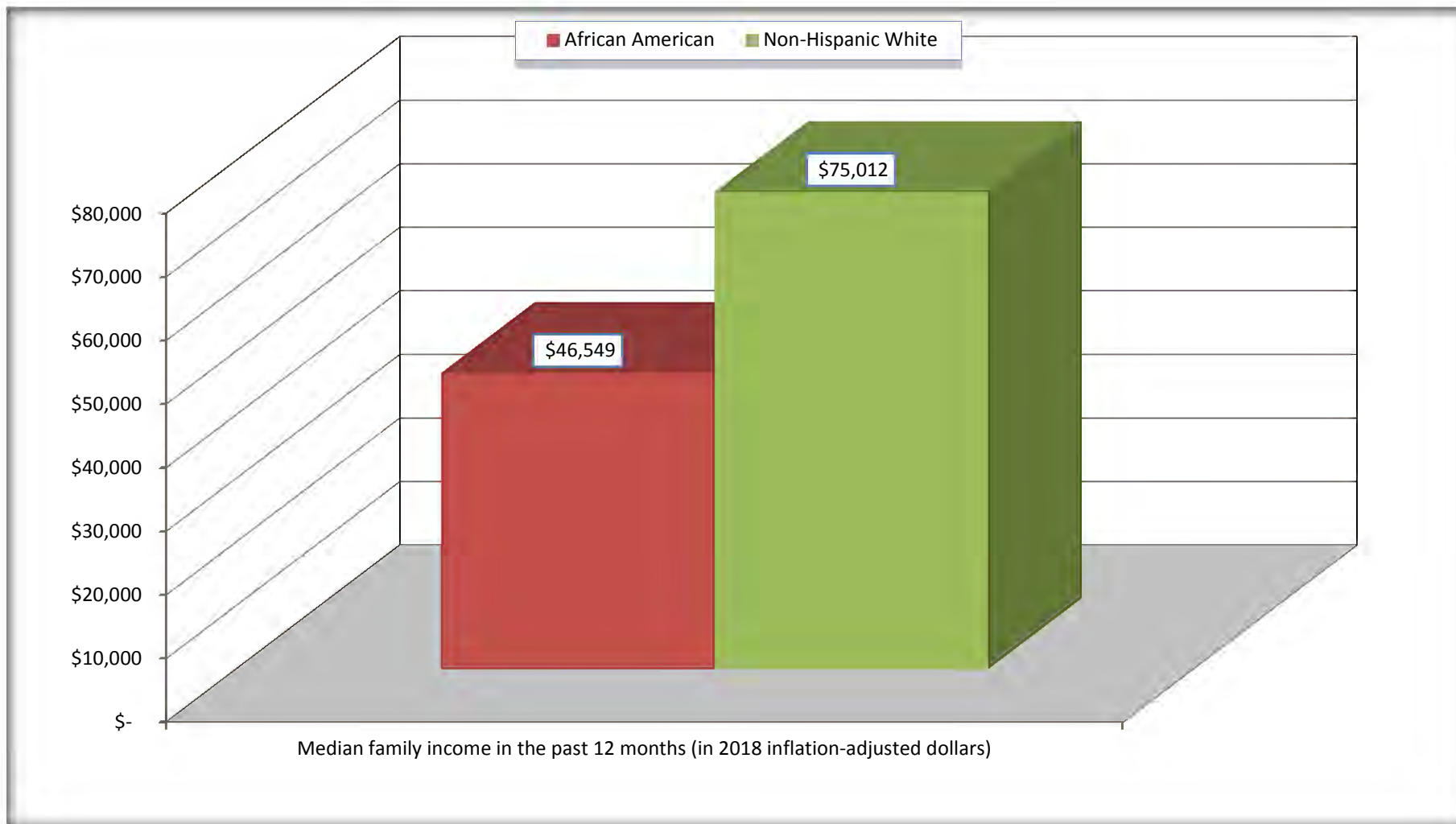
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Median Family Income in the Past 12 Months

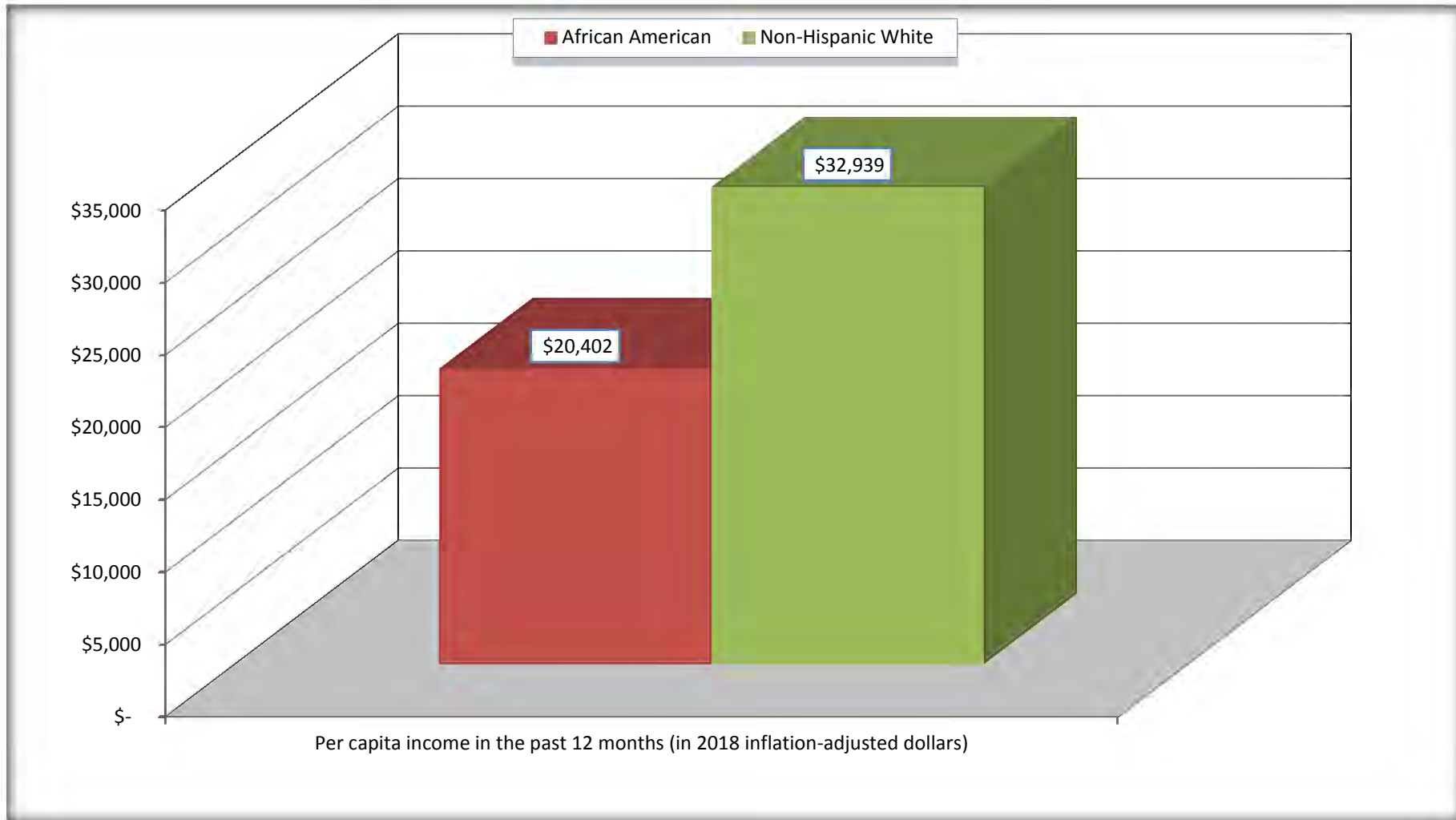
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Per capita Income in the Past 12 Months

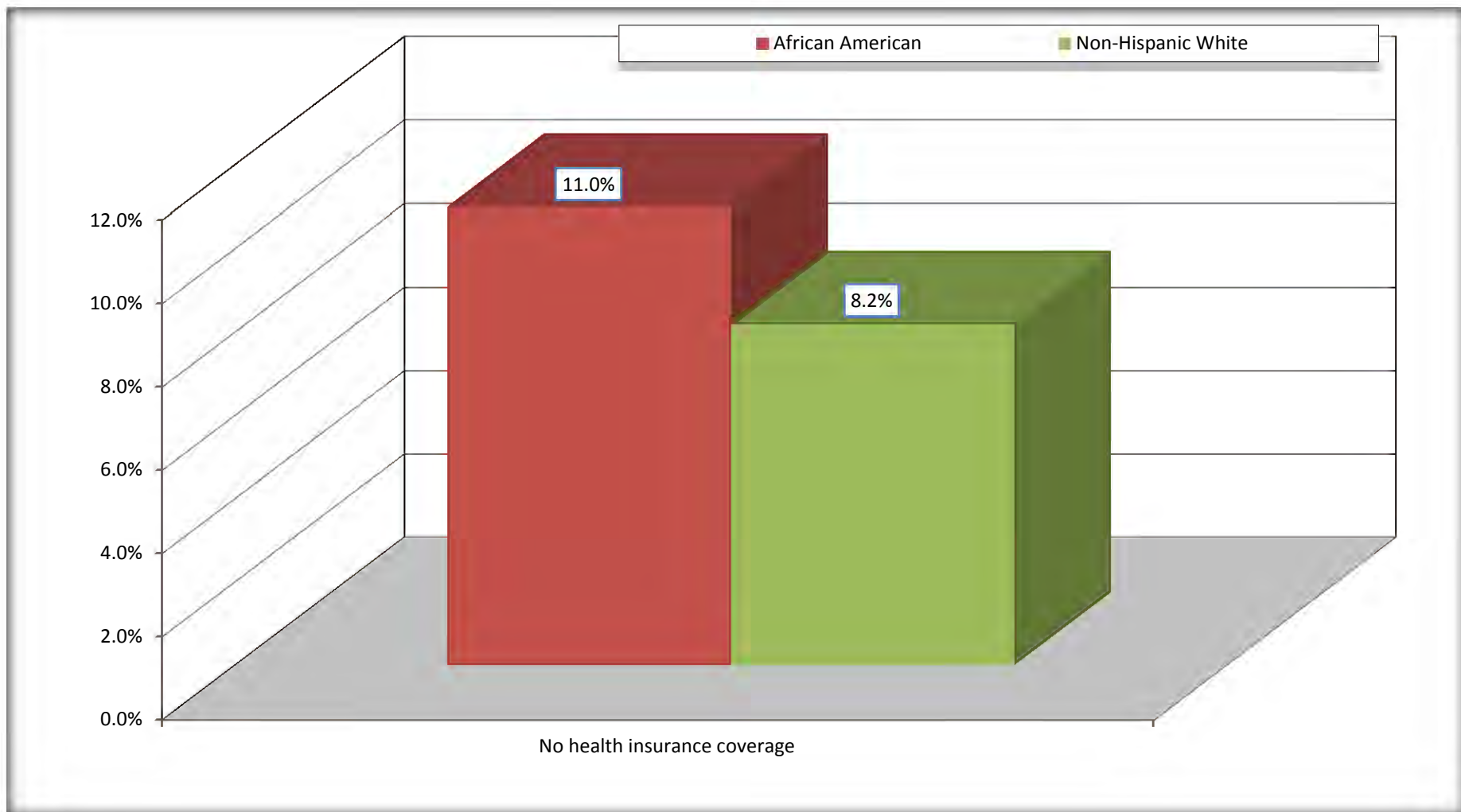
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Lack of Health Insurance Coverage -- Civilian Noninstitutionalized Population

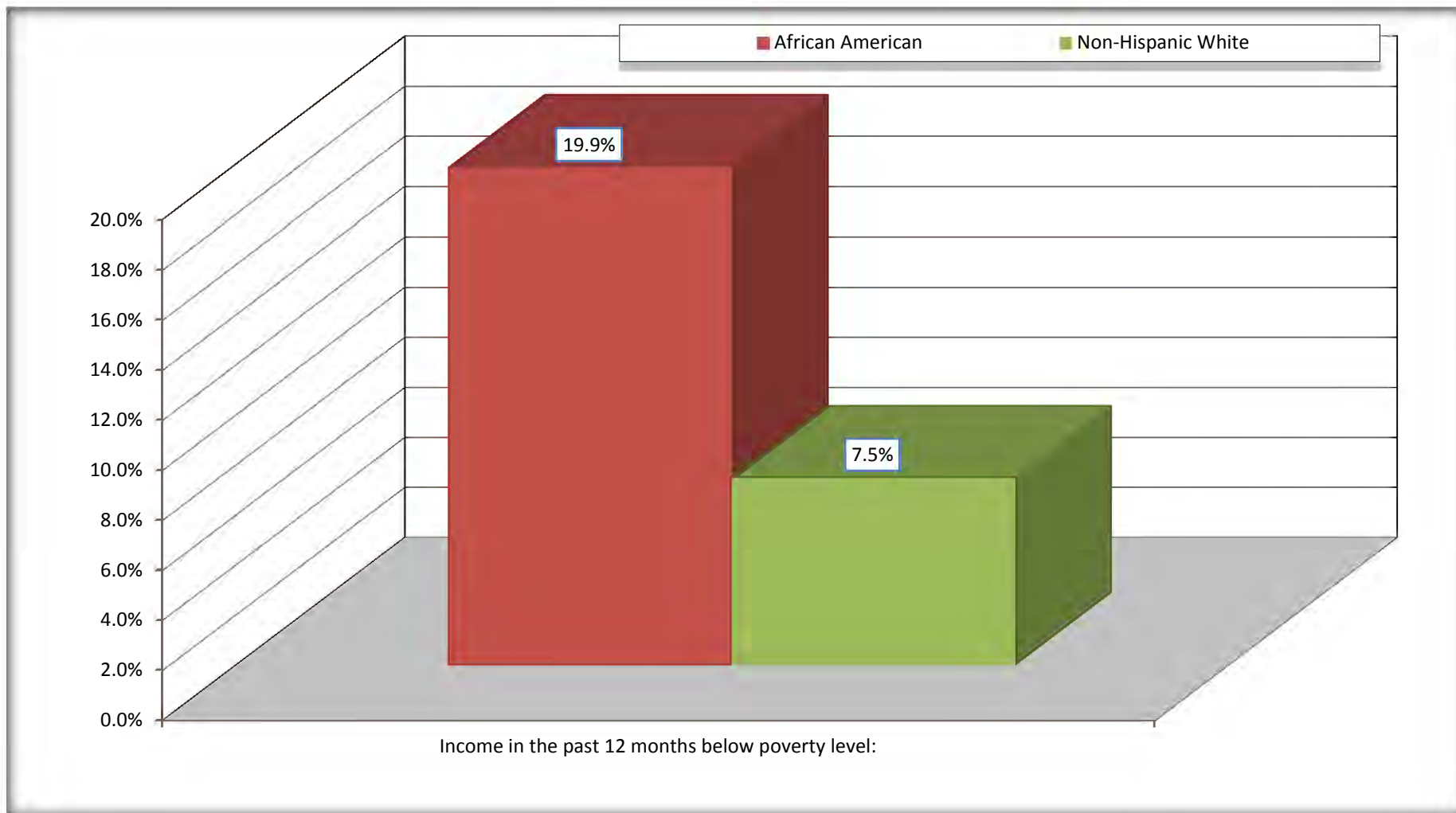
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Family Households Below Poverty in the Past 12 Months

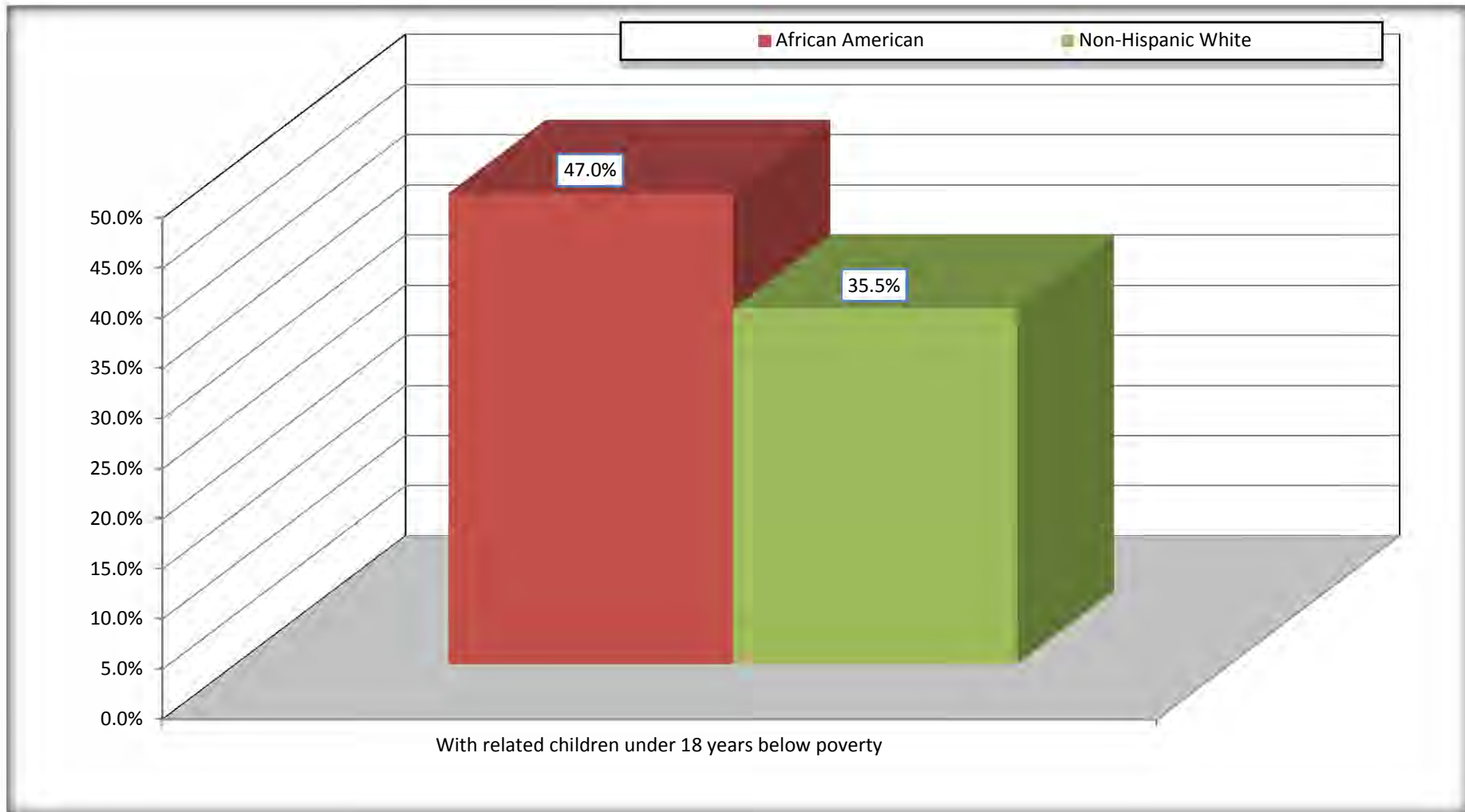
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Female-headed Households with Related Children Below Poverty in the Past 12 Months

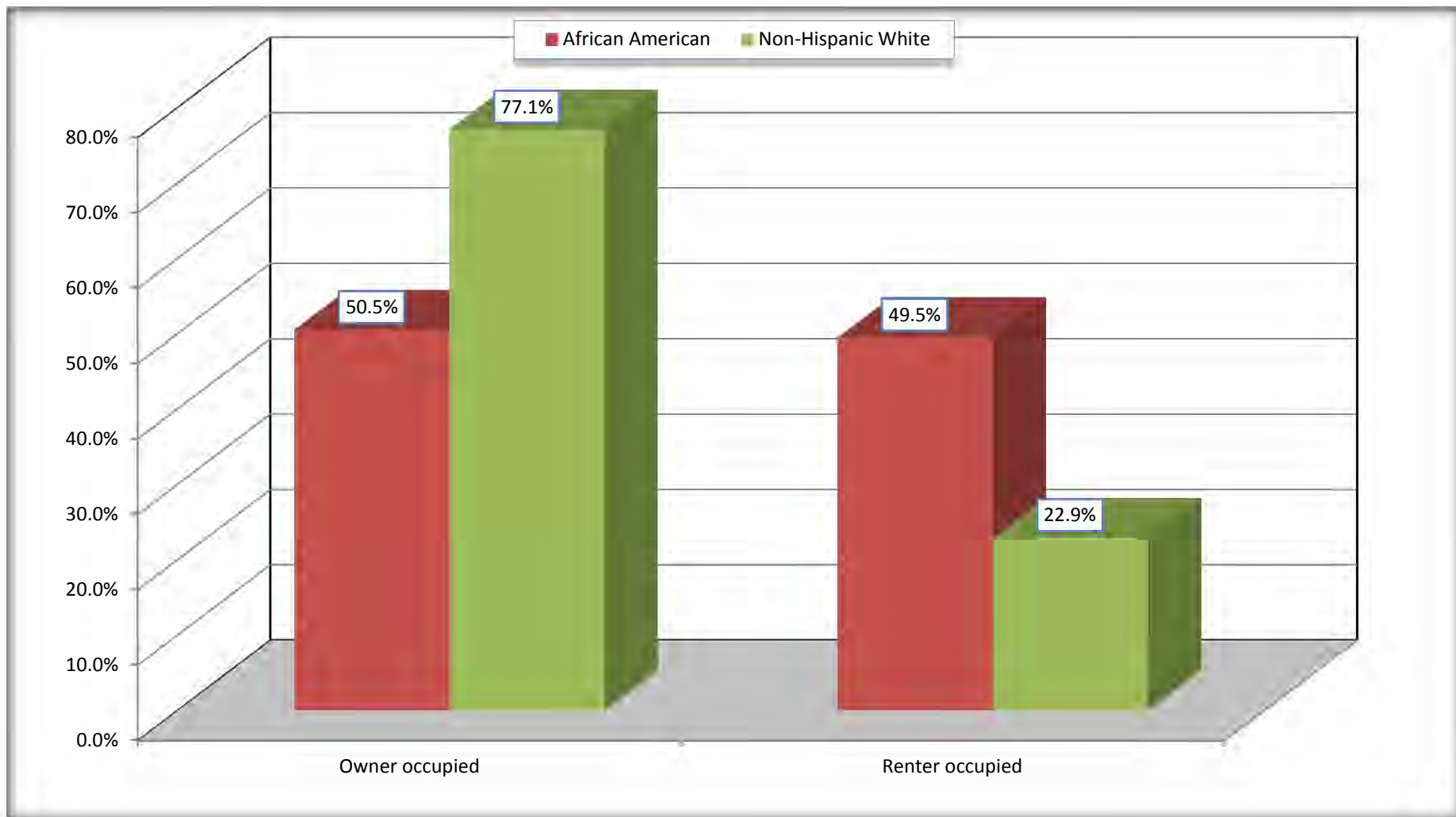
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Home Owners and Renters by Household

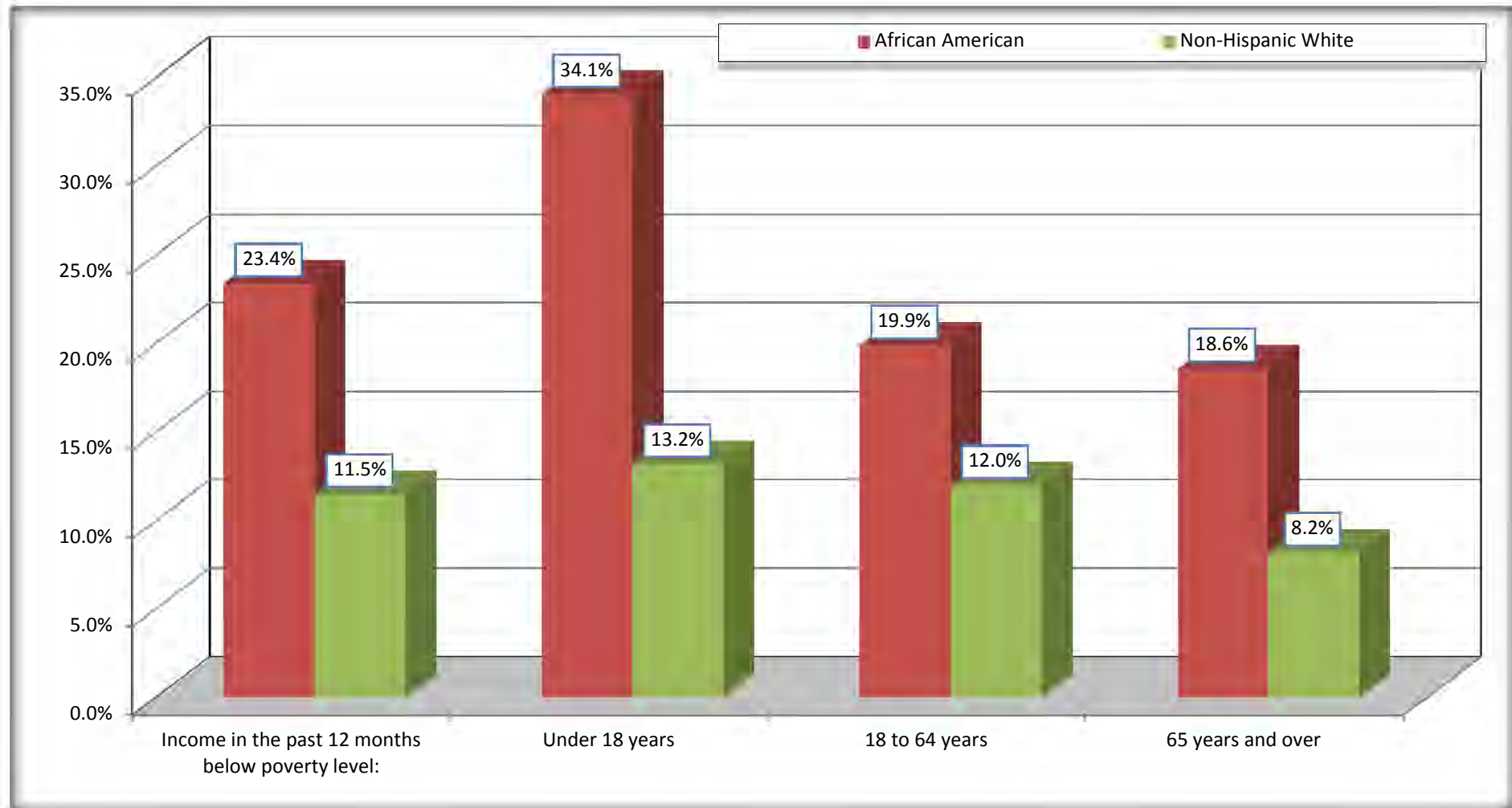
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Population Below Poverty in the Past 12 Months

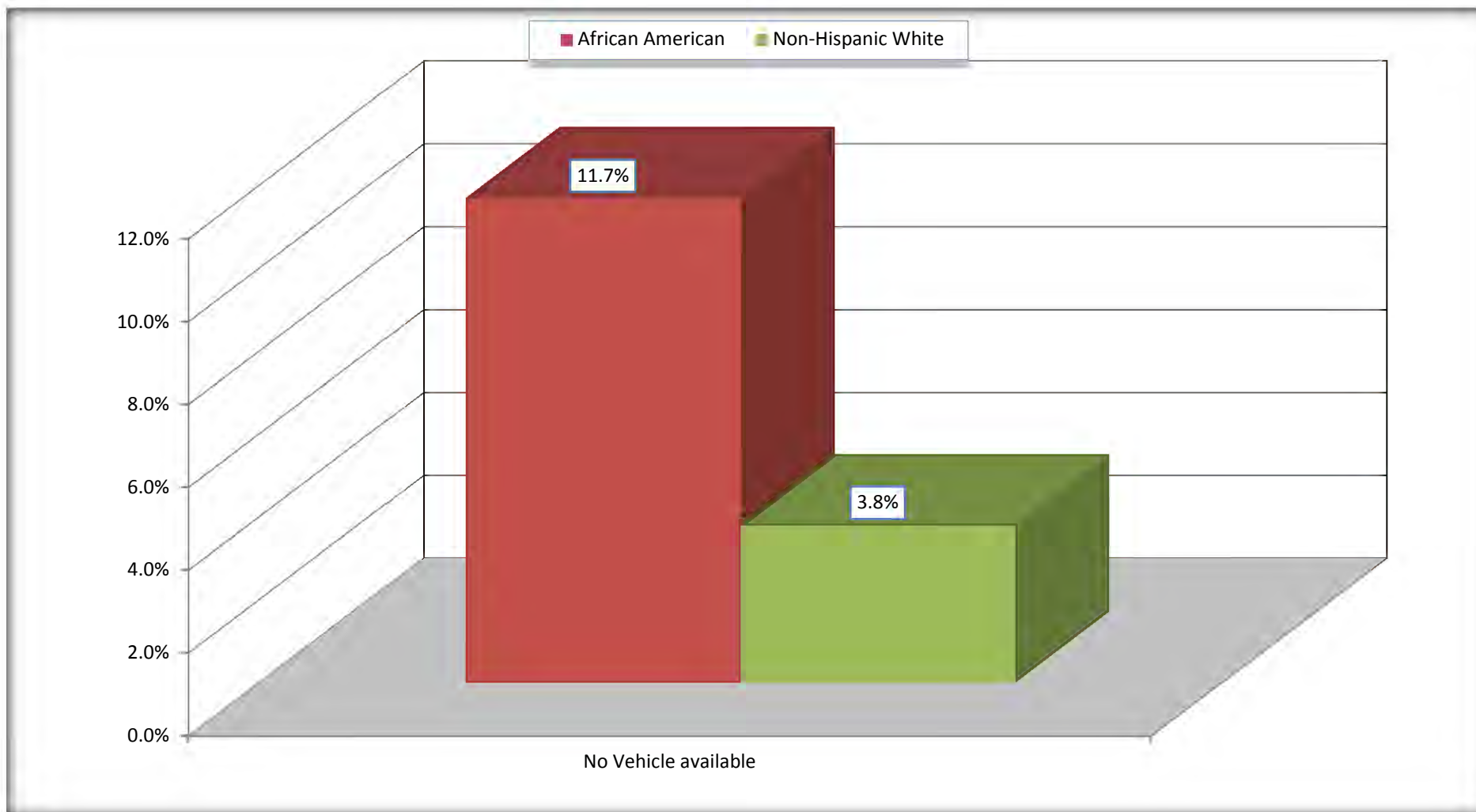
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## No Vehicles Available by Household

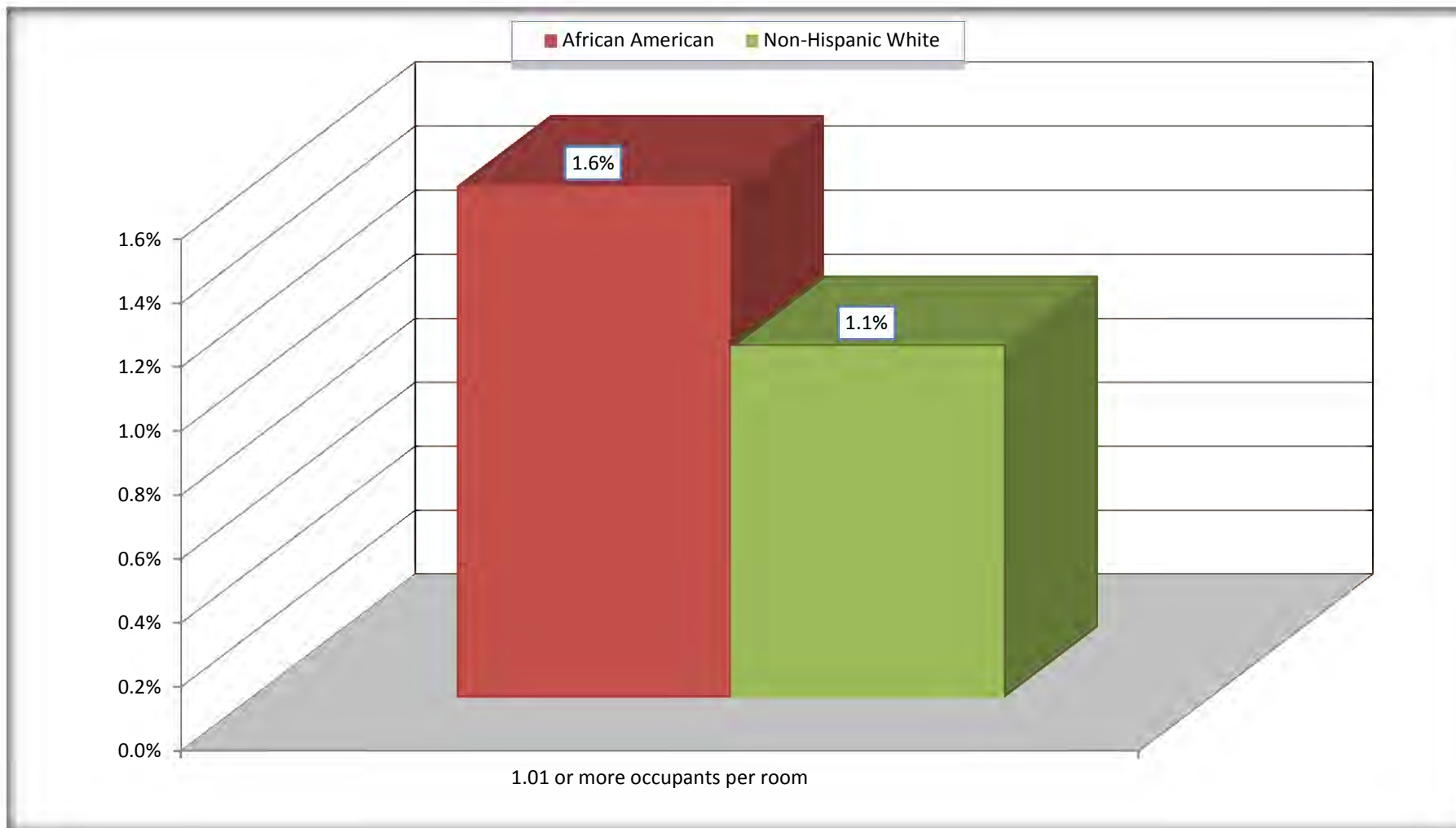
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## More than One Person per Room (Crowding) by Household

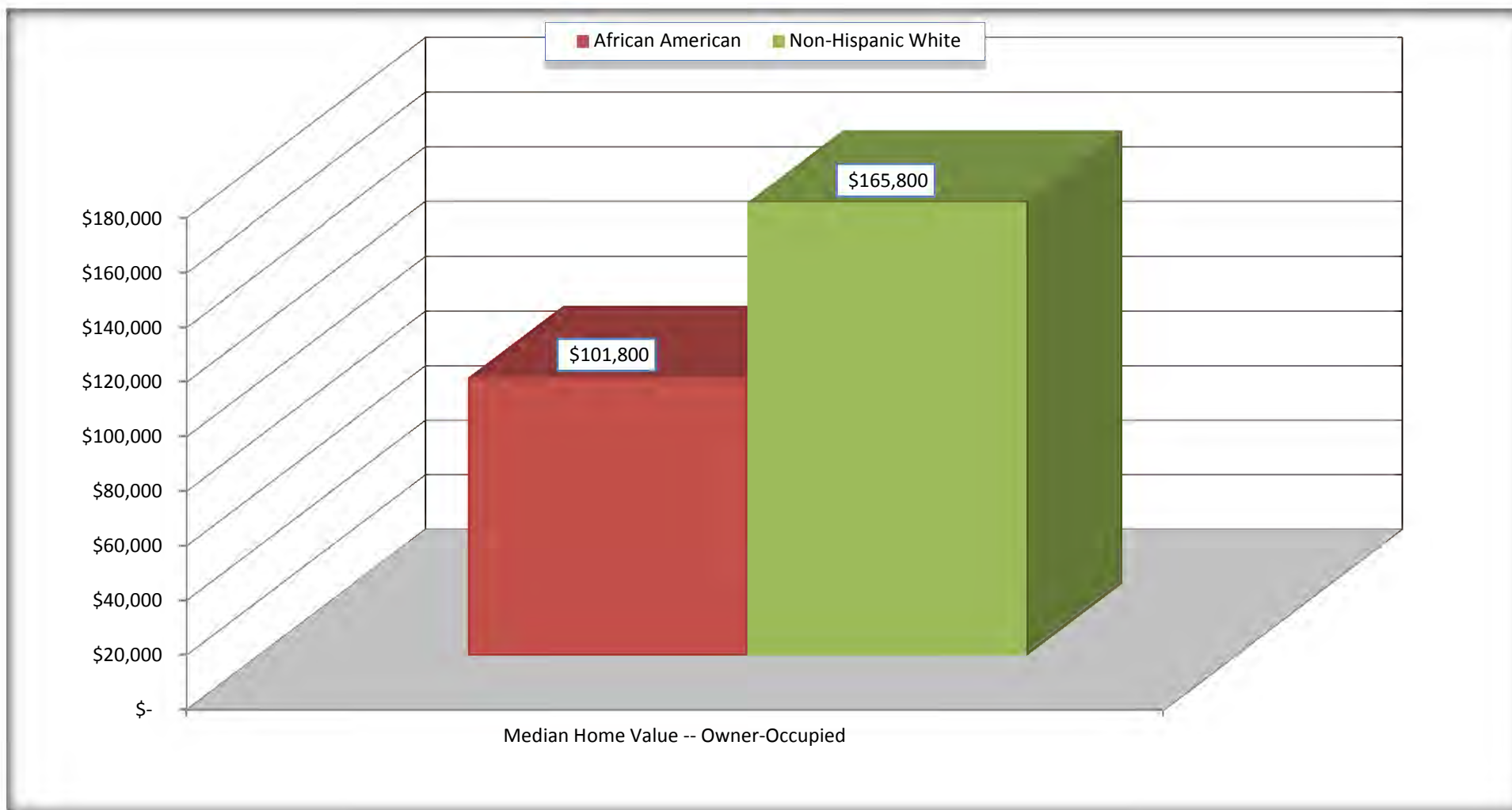
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Median Home Value -- Owner-Occupied

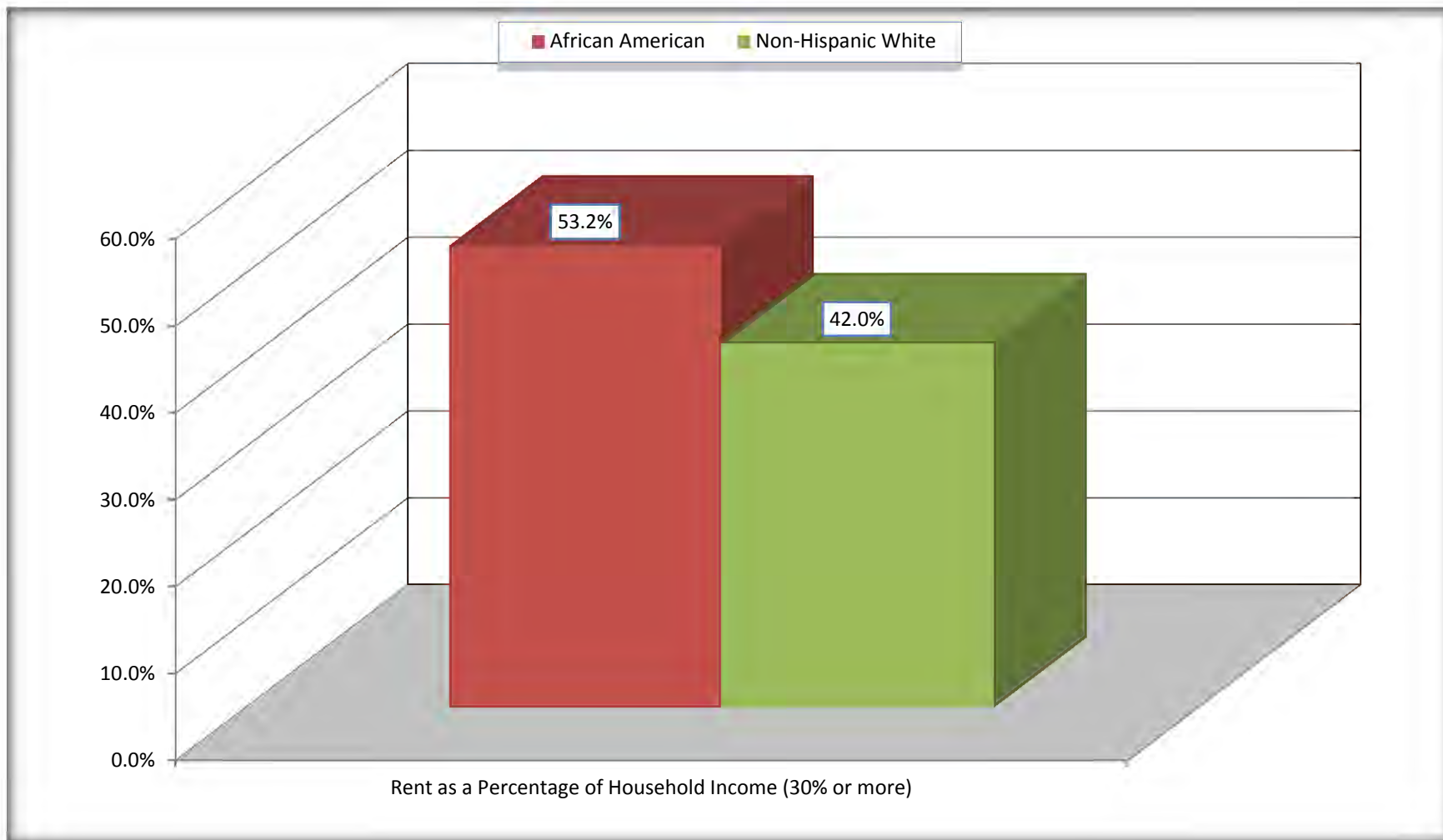
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Rent as a Percentage of Household Income (30% or more) -- Renter-Occupied

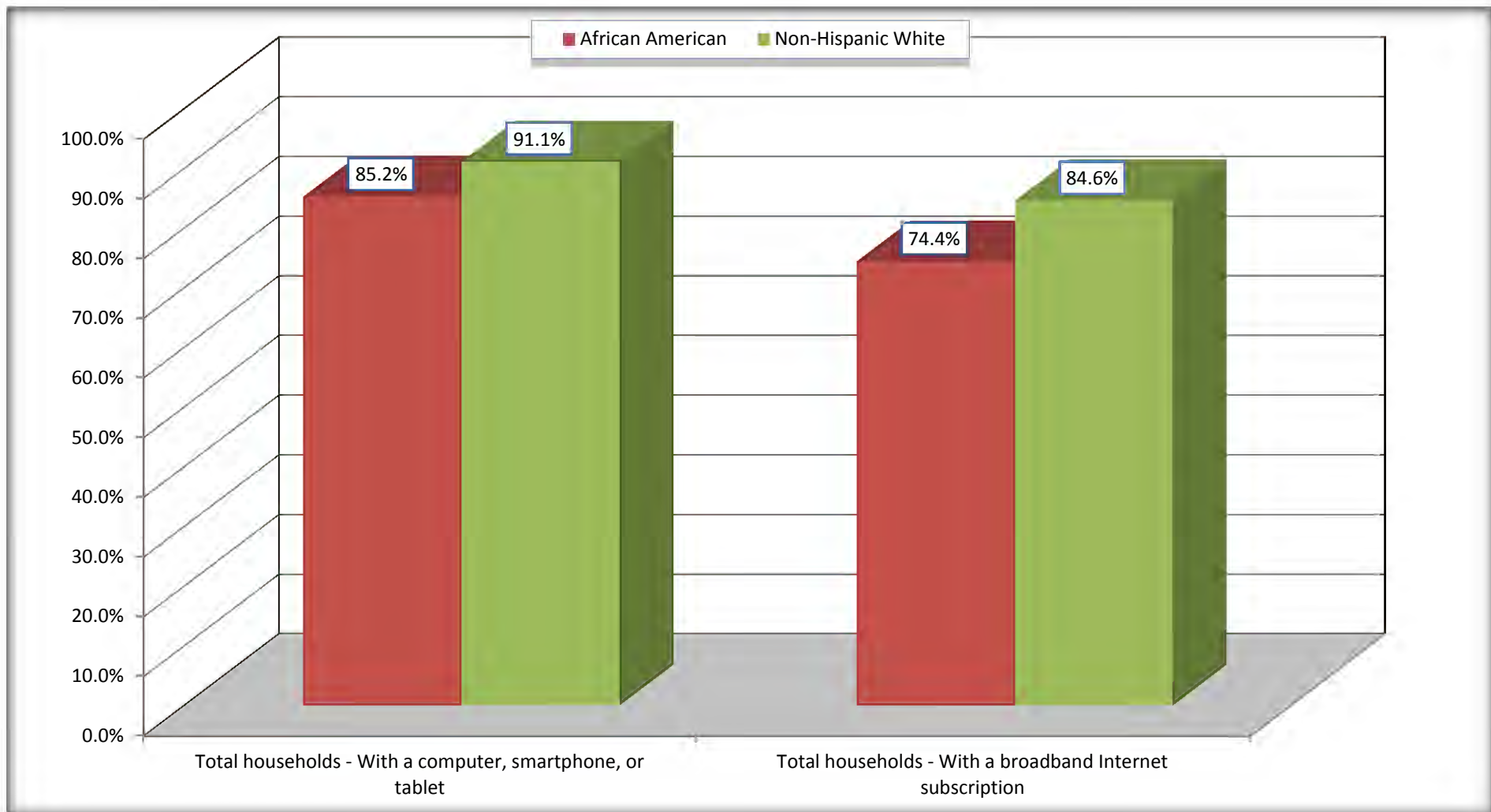
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Computers and Internet Use

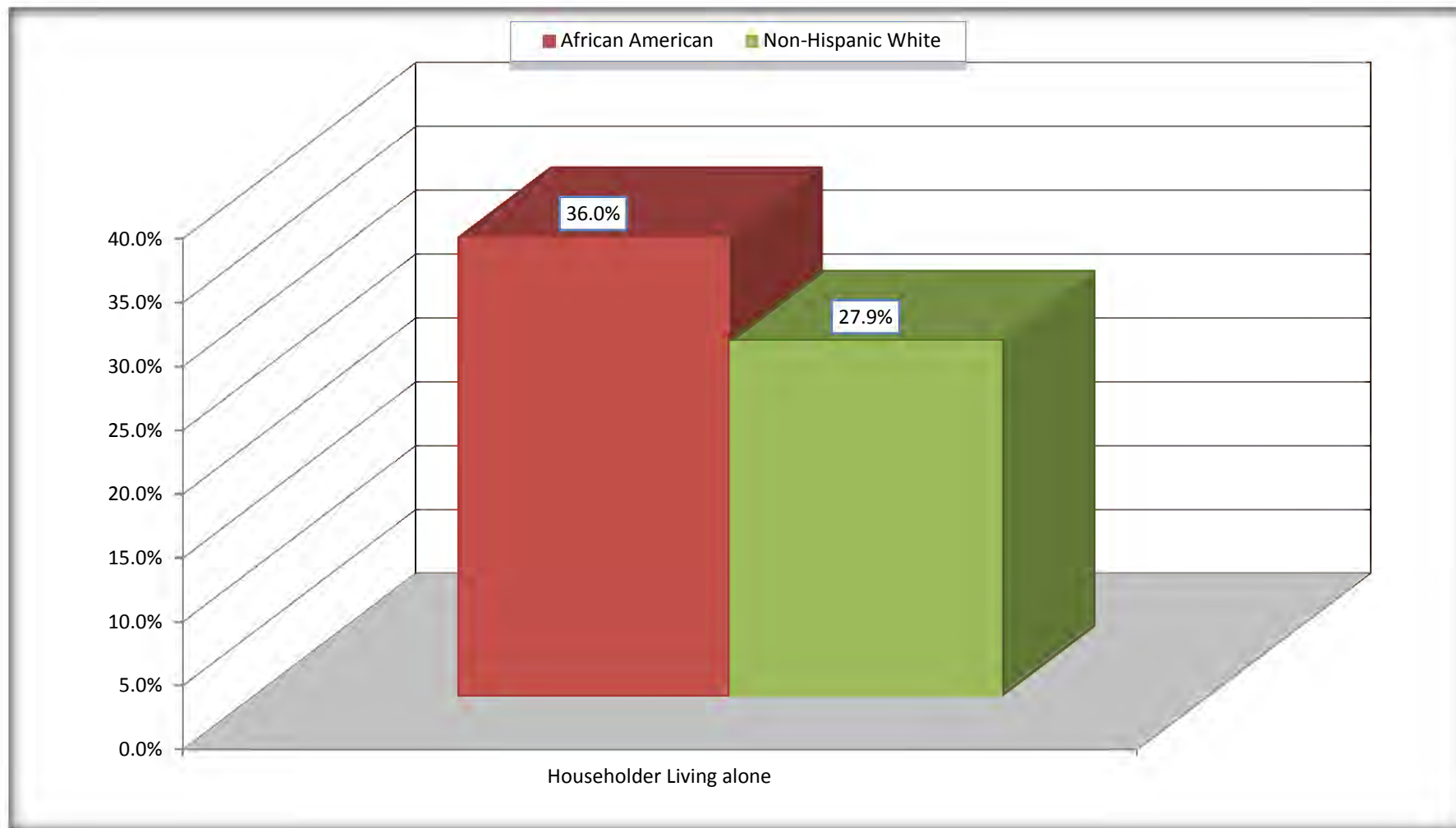
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Households with Householder Living Alone

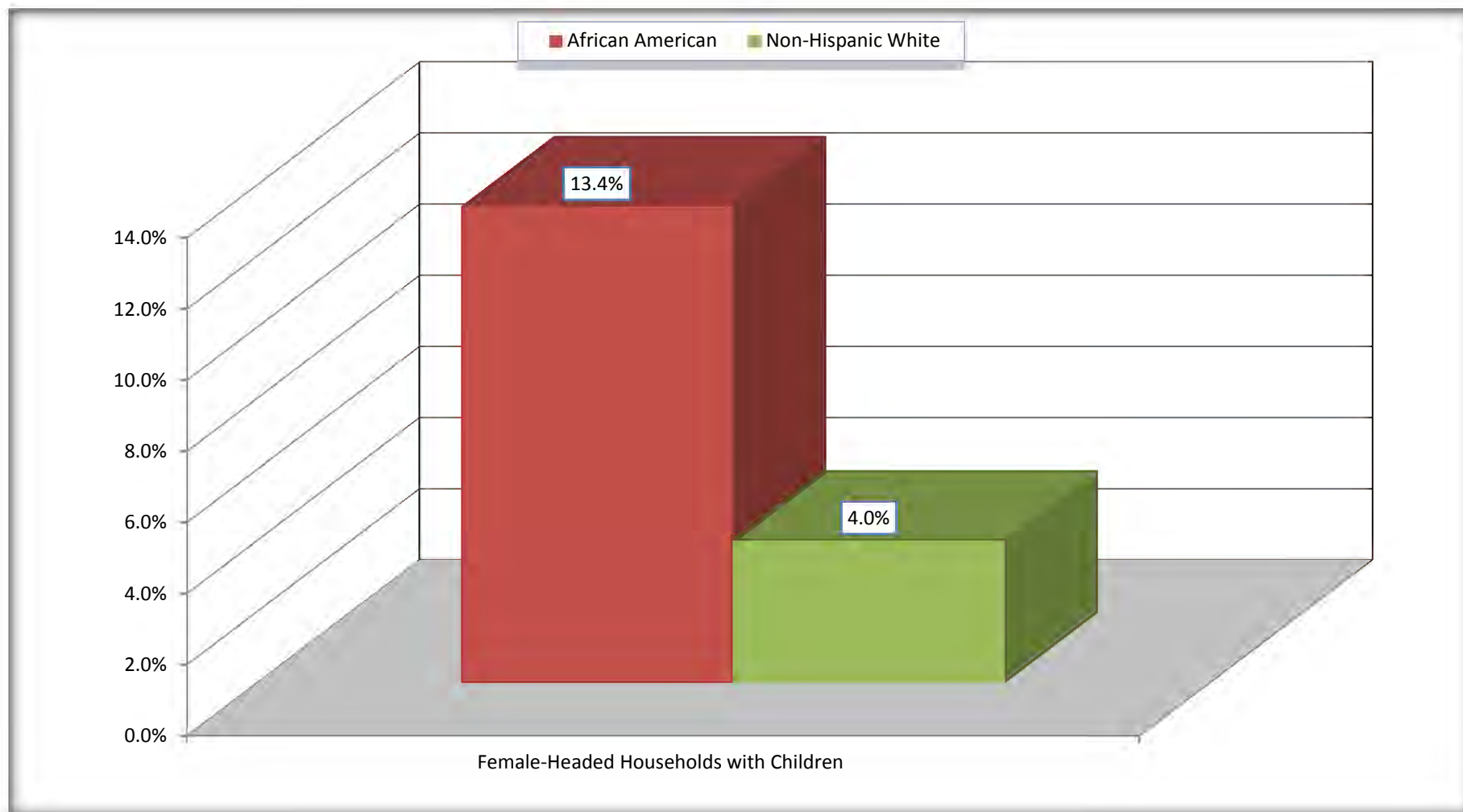
### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Female-Headed Households with Children Under 18 (As a Percentage of all Households)

### Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Exhibit M-2**

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>TOTAL NUMBER OF RACES REPORTED</b>			
Total population	4,903,185	1,364,474	3,192,955
One race	98.1%	96.7%	100.0%
Two races	1.7%	2.9%	(X)
Three races	0.1%	0.3%	(X)
Four or more races	0.0%	0.1%	(X)
<b>SEX AND AGE</b>			
Total population	4,903,185	1,364,474	3,192,955
Male	48.3%	47.0%	48.8%
Female	51.7%	53.0%	51.2%
Under 5 years	5.8%	6.6%	5.1%
5 to 17 years	16.3%	18.7%	14.4%
18 to 24 years	9.3%	11.2%	8.4%
25 to 34 years	13.0%	14.2%	12.3%
35 to 44 years	12.4%	13.1%	11.8%
45 to 54 years	12.4%	11.5%	13.0%
55 to 64 years	13.3%	12.1%	14.5%
65 to 74 years	10.3%	8.1%	11.8%
75 years and over	7.1%	4.6%	8.7%
Median age (years)	39.4	34.5	43.2
18 years and over	77.9%	74.7%	80.4%
21 years and over	73.6%	69.4%	76.7%
62 years and over	21.4%	16.3%	24.7%
65 years and over	17.4%	12.6%	20.4%
Under 18 years	1,085,597	345,372	624,431
Male	51.3%	52.0%	51.3%
Female	48.7%	48.0%	48.7%
<b>18 years and over</b>	<b>3,817,588</b>	<b>1,019,102</b>	<b>2,568,524</b>
Male	47.5%	45.3%	48.2%
Female	52.5%	54.7%	51.8%
18 to 34 years	1,094,933	346,362	660,000
Male	49.6%	47.7%	50.2%
Female	50.4%	52.3%	49.8%
35 to 64 years	1,868,343	500,317	1,255,973
Male	48.0%	45.3%	49.1%
Female	52.0%	54.7%	50.9%

	Black or African American alone		White alone, or in combination not Hispanic or Latino
	All Persons		
	Estimate	Estimate	Estimate
<b>65 years and over</b>	<b>854,312</b>	<b>172,423</b>	<b>652,551</b>
Male	43.7%	40.8%	44.5%
Female	56.3%	59.2%	55.5%
<b>RELATIONSHIP</b>			
Population in households	4,786,560	1,318,719	3,128,232
Householder or spouse	58.2%	50.4%	62.8%
Unmarried partner	1.9%	2.4%	1.7%
Child	29.0%	33.4%	26.3%
Other relatives	8.1%	11.4%	6.5%
Other nonrelatives	2.7%	2.4%	2.7%
<b>HOUSEHOLDS BY TYPE</b>			
Households	1,897,576	517,634	1,278,435
Family households	65.2%	59.5%	67.0%
With own children of the householder under 18 years	24.3%	25.2%	22.9%
Married-couple family	47.0%	28.2%	54.1%
With own children of the householder under 18 years	15.7%	9.2%	17.4%
Female householder, no spouse present, family	14.0%	25.9%	9.5%
With own children of the householder under 18 years	6.7%	13.4%	4.0%
Nonfamily households	34.8%	40.5%	33.0%
Male householder	16.2%	18.2%	15.4%
Living alone	13.3%	15.6%	12.4%
Not living alone	2.9%	2.6%	3.0%
Female householder	18.6%	22.3%	17.6%
Living alone	16.6%	20.4%	15.5%
Not living alone	2.0%	1.9%	2.1%
Average household size	2.52	2.49	2.49
Average family size	3.15	3.31	3.06
<b>MARITAL STATUS</b>			
Population 15 years and over	4,004,468	1,076,269	2,678,631
Now married, except separated	47.6%	30.2%	54.3%
Widowed	6.8%	6.0%	7.4%
Divorced	12.5%	12.7%	12.9%
Separated	2.1%	3.8%	1.4%
Never married	31.1%	47.4%	24.0%
Male 15 years and over	1,909,410	491,434	1,295,691
Now married, except separated	49.9%	33.6%	56.2%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Widowed	2.9%	2.6%	3.2%
Divorced	11.4%	10.9%	12.0%
Separated	1.8%	3.5%	1.1%
Never married	34.0%	49.4%	27.4%
Female 15 years and over	2,095,058	584,835	1,382,940
Now married, except separated	45.5%	27.3%	52.5%
Widowed	10.3%	8.8%	11.4%
Divorced	13.4%	14.2%	13.6%
Separated	2.4%	4.0%	1.6%
Never married	28.4%	45.8%	20.8%
<b>SCHOOL ENROLLMENT</b>			
Population 3 years and over enrolled in school	1,164,195	375,990	676,127
Nursery school, preschool	5.6%	6.0%	5.7%
Kindergarten	5.2%	5.7%	4.5%
Elementary school (grades 1-8)	42.0%	41.3%	41.7%
High school (grades 9-12)	21.3%	20.9%	21.6%
College or graduate school	25.9%	26.2%	26.5%
Male 3 years and over enrolled in school	575,054	184,431	334,598
Percent enrolled in kindergarten to grade 12	72.0%	73.1%	70.4%
Percent enrolled in college or graduate school	22.1%	20.9%	23.3%
Female 3 years and over enrolled in school	589,141	191,559	341,529
Percent enrolled in kindergarten to grade 12	65.1%	62.8%	65.3%
Percent enrolled in college or graduate school	29.5%	31.3%	29.7%
<b>EDUCATIONAL ATTAINMENT</b>			
Population 25 years and over	3,360,058	866,916	2,299,781
Less than high school diploma	12.9%	14.9%	10.9%
High school graduate (includes equivalency)	30.9%	35.8%	30.0%
Some college or associate's degree	29.8%	29.9%	30.3%
Bachelor's degree	16.3%	12.1%	17.8%
Graduate or professional degree	10.0%	7.2%	10.9%
High school graduate or higher	87.1%	85.1%	89.1%
Male, high school graduate or higher	85.9%	83.1%	88.2%
Female, high school graduate or higher	88.2%	86.6%	89.9%
Bachelor's degree or higher	26.3%	19.4%	28.8%
Male, bachelor's degree or higher	25.6%	16.1%	28.7%
Female, bachelor's degree or higher	27.0%	22.0%	28.9%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>FERTILITY</b>			
Women 15 to 50 years	1,142,520	354,595	698,868
Women 15 to 50 years who had a birth in the past 12 months	58,542	20,075	33,428
Unmarried women 15 to 50 years who had a birth in the past 12 months	26,127	15,341	8,880
As a percent of all women with a birth in the past 12 months	44.6%	76.4%	26.6%
<b>RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS</b>			
Population 30 years and over	3,034,720	765,095	2,099,298
Grandparents living with grandchild(ren)	4.1%	5.5%	3.6%
Grandparents responsible for grandchildren as a percentage of living with grandchildren	47.9%	48.4%	48.3%
<b>VETERAN STATUS</b>			
Civilian population 18 years and over	3,800,695	1,015,281	2,557,434
Civilian veteran	8.4%	7.7%	8.9%
<b>DISABILITY STATUS</b>			
Total civilian noninstitutionalized population	4,822,514	1,335,293	3,145,214
With a disability	15.9%	15.4%	16.7%
Civilian noninstitutionalized population under 18 years	1,084,062	344,489	623,831
With a disability	4.0%	4.5%	3.8%
Civilian noninstitutionalized population 18 to 64 years	2,903,613	822,607	1,883,922
With a disability	13.8%	14.8%	13.9%
Civilian noninstitutionalized population 65 years and older	834,839	168,197	637,461
With a disability	38.3%	40.6%	37.6%
<b>RESIDENCE 1 YEAR AGO</b>			
Population 1 year and over	4,849,509	1,347,002	3,163,175
Same house	86.6%	84.6%	87.7%
Different house in the U.S.	13.2%	15.2%	12.2%
Same county	8.0%	10.1%	7.0%
Different county	5.2%	5.0%	5.2%
Same state	3.0%	3.4%	2.9%
Different state	2.2%	1.6%	2.3%
Abroad	0.3%	0.2%	0.2%
<b>PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY</b>			
Native	4,728,233	1,351,222	3,161,727
Male	48.3%	47.1%	48.9%
Female	51.7%	52.9%	51.1%
Foreign born	174,952	13,252	31,228
Male	49.0%	45.4%	46.4%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female	51.0%	54.6%	53.6%
Foreign born; naturalized U.S. citizen	76,963	8,477	18,152
Male	45.8%	48.2%	46.7%
Female	54.2%	51.8%	53.3%
Foreign born; not a U.S. citizen	97,989	4,775	13,076
Male	51.5%	40.6%	46.0%
Female	48.5%	59.4%	54.0%
Population born outside the United States	174,952	13,252	31,228
Entered 2010 or later	30.3%	36.3%	25.3%
Entered 2000 to 2009	29.9%	26.6%	23.7%
Entered before 2000	39.8%	37.0%	51.0%
<b>WORLD REGION OF BIRTH OF FOREIGN BORN</b>			
Foreign-born population excluding population born at sea	174,952	13,252	31,228
Europe	11.5%	5.7%	61.1%
Asia	32.2%	0.0%	15.7%
Africa	5.5%	59.1%	5.4%
Oceania	0.4%	0.0%	1.5%
Latin America	48.1%	31.7%	6.0%
Northern America	2.3%	3.5%	10.3%
<b>LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH</b>			
Population 5 years and over	4,616,588	1,274,505	3,028,695
English only	94.5%	98.2%	98.6%
Language other than English	5.5%	1.8%	1.4%
Speak English less than "very well"	2.2%	0.6%	0.3%
<b>EMPLOYMENT STATUS</b>			
Population 16 years and over	3,937,453	1,054,369	2,641,813
In labor force	58.0%	59.4%	56.8%
Civilian labor force	57.5%	59.1%	56.4%
Employed	54.7%	54.5%	54.2%
Unemployed	2.8%	4.5%	2.1%
Unemployment Rate	4.9%	7.7%	3.8%
Armed Forces	0.4%	0.4%	0.4%
Not in labor force	42.0%	40.6%	43.2%
Females 16 years and over	2,063,101	575,288	1,364,381
In labor force	52.7%	58.8%	50.1%
Civilian labor force	52.6%	58.6%	50.0%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
All Persons	Estimate	Estimate	Estimate
Employed	49.9%	54.4%	48.0%
Unemployed	2.7%	4.2%	2.0%
Unemployment Rate	5.1%	7.2%	3.9%
<b>COMMUTING TO WORK</b>			
Workers 16 years and over	2,134,022	566,235	1,422,548
Car, truck, or van - drove alone	85.2%	84.2%	86.4%
Car, truck, or van - carpooled	8.7%	9.6%	7.6%
Public transportation (excluding taxicab)	0.4%	1.0%	0.2%
Walked	1.2%	1.4%	1.1%
Other means	1.1%	1.3%	1.0%
Worked from home	3.4%	2.4%	3.8%
Mean travel time to work (minutes)	25.4	23.3	26.3
<b>OCCUPATION</b>			
Civilian employed population 16 years and over	2,153,467	575,016	1,432,937
Management, business, science, and arts occupations	35.9%	25.8%	40.3%
Service occupations	16.5%	22.2%	13.8%
Sales and office occupations	20.3%	20.9%	20.8%
Natural resources, construction, and maintenance occupations	9.4%	5.6%	10.3%
Production, transportation, and material moving occupations	17.9%	25.5%	14.7%
Male civilian employed population 16 years and over	1,123,381	262,156	777,925
Management, business, science, and arts occupations	30.7%	17.8%	35.3%
Service occupations	13.4%	18.4%	11.5%
Sales and office occupations	13.0%	12.7%	13.6%
Natural resources, construction, and maintenance occupations	17.2%	11.6%	18.3%
Production, transportation, and material moving occupations	25.7%	39.4%	21.4%
Female civilian employed population 16 years and over	1,030,086	312,860	655,012
Management, business, science, and arts occupations	41.6%	32.5%	46.4%
Service occupations	19.8%	25.3%	16.6%
Sales and office occupations	28.4%	27.7%	29.4%
Natural resources, construction, and maintenance occupations	0.9%	0.7%	0.7%
Production, transportation, and material moving occupations	9.3%	13.8%	6.9%
<b>INDUSTRY</b>			
Civilian employed population 16 years and over	2,153,467	575,016	1,432,937
Agriculture, forestry, fishing and hunting, and mining	1.2%	0.4%	1.4%
Construction	6.9%	3.7%	7.6%
Manufacturing	14.5%	17.6%	12.8%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Wholesale trade	2.6%	1.9%	3.0%
Retail trade	11.1%	11.5%	11.2%
Transportation and warehousing, and utilities	5.4%	5.8%	5.5%
Information	1.3%	1.0%	1.5%
Finance and insurance, and real estate and rental and leasing	5.6%	4.2%	6.3%
Professional, scientific, and management, and administrative and waste managemen	9.6%	8.5%	10.1%
Educational services, and health care and social assistance	22.5%	23.8%	22.6%
Arts, entertainment, and recreation, and accommodation and food services	8.9%	10.9%	7.5%
Other services (except public administration)	4.8%	4.1%	5.1%
Public administration	5.4%	6.6%	5.1%
<b>CLASS OF WORKER</b>			
Civilian employed population 16 years and over	2,153,467	575,016	1,432,937
Private wage and salary workers	78.5%	78.9%	78.1%
Government workers	16.2%	18.4%	15.9%
Self-employed workers in own not incorporated business	5.1%	2.7%	5.8%
Unpaid family workers	0.2%	0.0%	0.2%
<b>INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)</b>			
Households	1,897,576	517,634	1,278,435
Median household income (dollars)	51,734	35,900	59,966
With earnings	72.4%	72.6%	71.4%
Mean earnings (dollars)	73,434	51,969	82,702
With Social Security income	35.9%	33.0%	38.3%
Mean Social Security income (dollars)	19,328	15,373	20,811
With Supplemental Security Income	6.5%	10.8%	5.0%
Mean Supplemental Security Income (dollars)	9,087	8,106	9,973
With cash public assistance income	1.4%	2.1%	1.2%
Mean cash public assistance income (dollars)	3,424	3,979	3,143
With retirement income	26.4%	20.7%	29.7%
Mean retirement income (dollars)	25,004	20,952	26,037
With Food Stamp/SNAP benefits	13.0%	25.4%	8.2%
Families	1,237,883	307,904	857,008
Median family income (dollars)	66,171	46,549	75,012
Married-couple family	72.1%	47.4%	80.7%
Median income (dollars)	81,393	70,593	84,970
Male householder, no spouse present, family	6.5%	9.1%	5.2%
Median income (dollars)	44,879	39,299	47,642

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female householder, no husband present, family	21.5%	43.5%	14.1%
Median income (dollars)	32,360	28,329	38,514
Individuals	4,903,185	1,364,474	3,192,955
Per capita income (dollars)	28,650	20,402	32,939
With earnings for full-time, year-round workers:			
Male	917,533	209,540	642,323
Female	709,437	225,708	444,458
Mean earnings (dollars) for full-time, year-round workers:			
Male	64,038	45,095	71,096
Female	45,569	37,803	49,569
Median earnings (dollars) full-time, year-round workers:			
Male	50,018	37,180	53,258
Female	37,161	31,222	40,971
<b>HEALTH INSURANCE COVERAGE</b>			
Civilian noninstitutionalized population	4,822,514	1,335,293	3,145,214
With private health insurance	66.9%	55.3%	73.1%
With public coverage	37.3%	44.4%	34.7%
No health insurance coverage	9.7%	11.0%	8.2%
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>			
All families	11.2%	19.9%	7.5%
With related children of the householder under 18 years	18.5%	30.5%	12.0%
With related children of the householder under 5 years only	18.6%	35.5%	11.1%
Married-couple family	5.1%	6.6%	4.2%
With related children of the householder under 18 years	6.9%	7.1%	5.3%
With related children of the householder under 5 years only	6.9%	6.7%	4.9%
Female householder, no spouse present, family	29.7%	34.5%	23.6%
With related children of the householder under 18 years	42.1%	47.0%	35.5%
With related children of the householder under 5 years only	48.7%	56.9%	42.1%
All people	15.5%	23.4%	11.5%
Under 18 years	21.4%	34.1%	13.2%
Related children of the householder under 18 years	21.1%	33.9%	12.9%
Related children of the householder under 5 years	24.1%	39.9%	14.0%
Related children of the householder 5 to 17 years	20.1%	31.8%	12.6%
18 years and over	13.8%	19.7%	11.1%
18 to 64 years	14.7%	19.9%	12.0%
65 years and over	10.5%	18.6%	8.2%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
People in families	12.3%	20.8%	8.1%
Unrelated individuals 15 years and over	29.3%	33.5%	27.0%
<b>HOUSING TENURE</b>			
Occupied housing units	1,897,576	517,634	1,278,435
Owner-occupied housing units	68.8%	50.5%	77.1%
Renter-occupied housing units	31.2%	49.5%	22.9%
Average household size of owner-occupied unit	2.60	2.63	2.56
Average household size of renter-occupied unit	2.35	2.35	2.28
<b>UNITS IN STRUCTURE</b>			
Occupied housing units	1,897,576	517,634	1,278,435
1-unit, detached or attached	72.2%	63.1%	76.5%
2 to 4 units	4.6%	8.2%	3.1%
5 or more units	10.9%	19.3%	7.3%
Mobile home, boat, RV, van, etc.	12.3%	9.4%	13.1%
<b>YEAR STRUCTURE BUILT</b>			
Occupied housing units	1,897,576	517,634	1,278,435
Built 2014 or later	4.9%	3.8%	5.3%
Built 2010 to 2013	3.7%	3.6%	3.6%
Built 2000 to 2009	15.3%	10.9%	16.8%
Built 1980 to 1999	33.2%	29.5%	34.5%
Built 1960 to 1979	27.1%	32.7%	25.1%
Built 1940 to 1959	11.4%	14.6%	10.3%
Built 1939 or earlier	4.5%	4.8%	4.5%
<b>VEHICLES AVAILABLE</b>			
Occupied housing units	1,897,576	517,634	1,278,435
None	6.0%	11.7%	3.8%
1 or more	94.0%	88.3%	96.2%
<b>HOUSE HEATING FUEL</b>			
Occupied housing units	1,897,576	517,634	1,278,435
Gas	32.1%	35.5%	31.2%
Electricity	66.4%	63.6%	67.0%
All other fuels	1.1%	0.4%	1.3%
No fuel used	0.4%	0.4%	0.4%
<b>SELECTED CHARACTERISTICS</b>			
Occupied housing units	1,897,576	517,634	1,278,435
No telephone service available	1.4%	2.2%	1.0%

	All Persons	Black or African American alone or in combination	White alone, not Hispanic or Latino
	Estimate	Estimate	Estimate
1.01 or more occupants per room	1.5%	1.6%	1.1%
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Housing units with a mortgage (excluding units where SMOC cannot be computed)	717,054	148,959	534,135
Less than 30 percent	77.3%	68.4%	80.1%
30 percent or more	22.7%	31.6%	19.9%
<b>OWNER CHARACTERISTICS</b>			
Owner-occupied housing units	1,305,223	261,342	985,381
Median value (dollars)	154,000	101,800	165,800
Median selected monthly owner costs with a mortgage (dollars)	1,172	1,063	1,201
Median selected monthly owner costs without a mortgage (dollars)	362	352	365
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Occupied units paying rent (excluding units where GRAP cannot be computed)	515,098	226,567	250,219
Less than 30 percent	52.9%	46.8%	58.0%
30 percent or more	47.1%	53.2%	42.0%
<b>GROSS RENT</b>			
Occupied units paying rent	530,685	233,606	256,865
Median gross rent (dollars)	807	780	827
<b>COMPUTERS AND INTERNET USE</b>			
Total households	1,897,576	517,634	1,278,435
With a computer	89.4%	85.2%	91.1%
With a broadband Internet subscription	81.6%	74.4%	84.6%

###

# **Exhibit N-1**

## **Selected Socio-Economic Data**

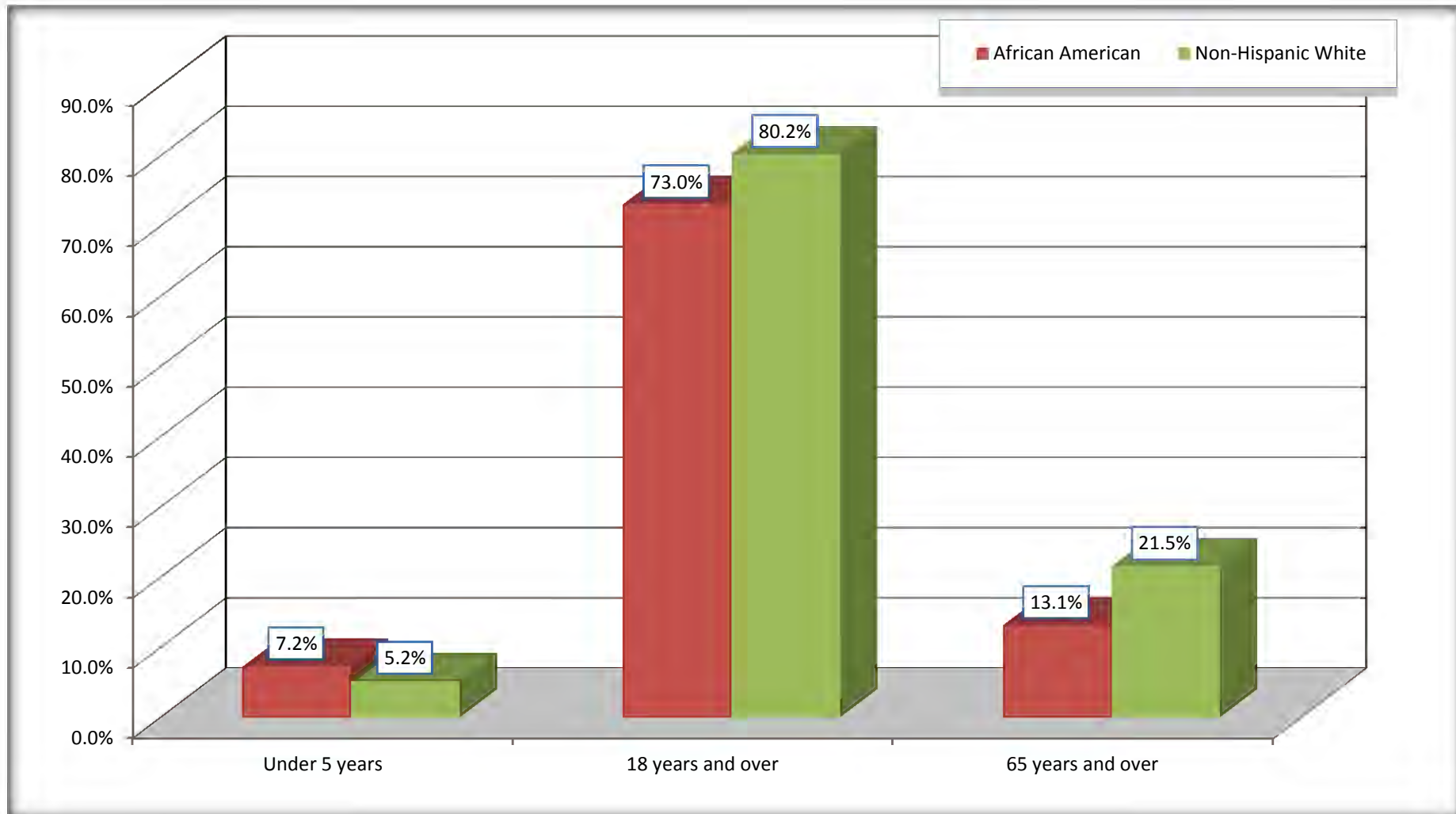
### **Congressional District 1 (116th Congress), Alabama**

**Any Part African American vis-à-vis NH White**

**Data Set: 2019 American Community Survey 1-Year Estimates**

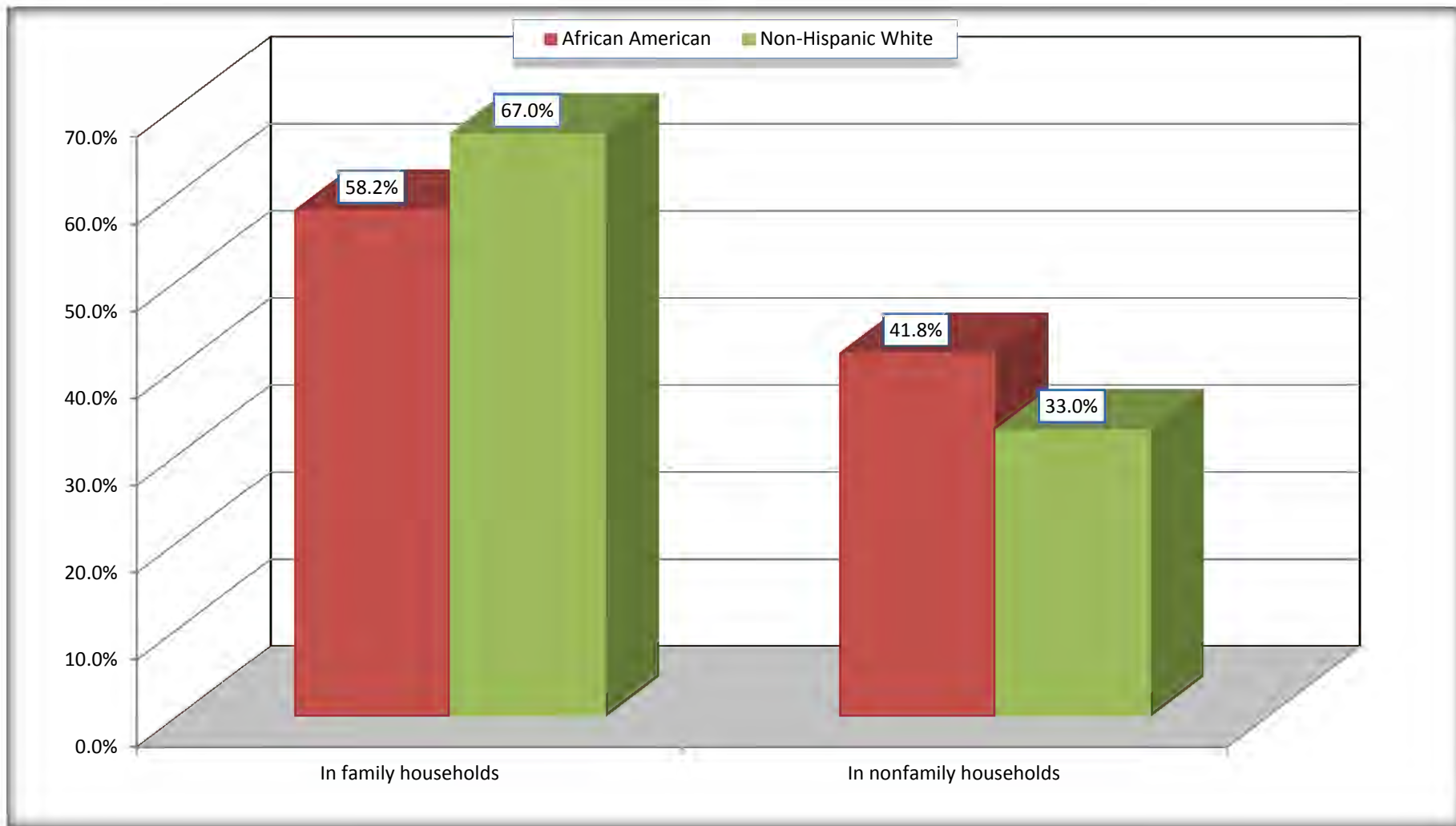
## Population by Age

### Congressional District 1 (116th Congress), Alabama



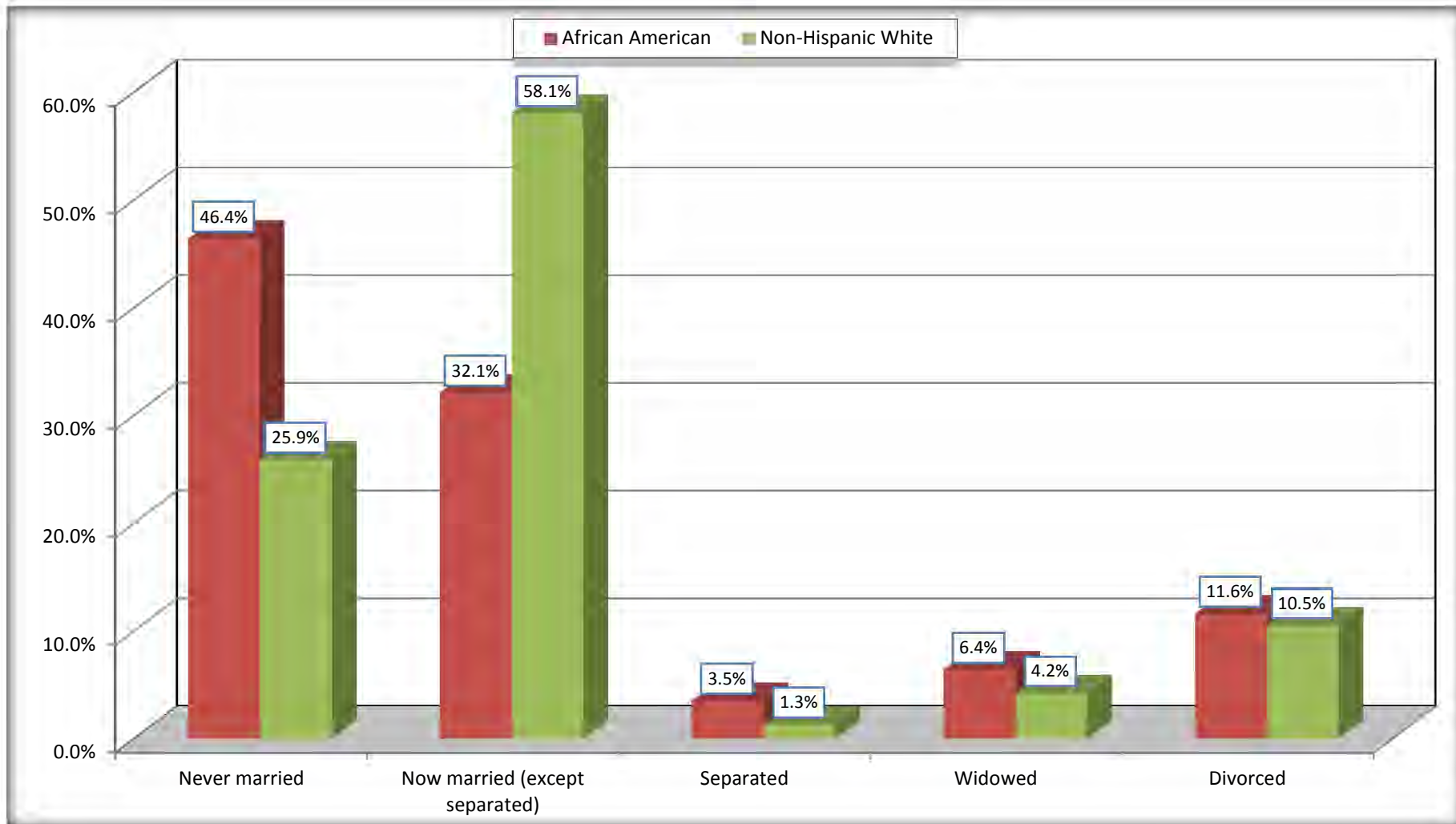
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

### Household Type for Population in Households Congressional District 1 (116th Congress), Alabama



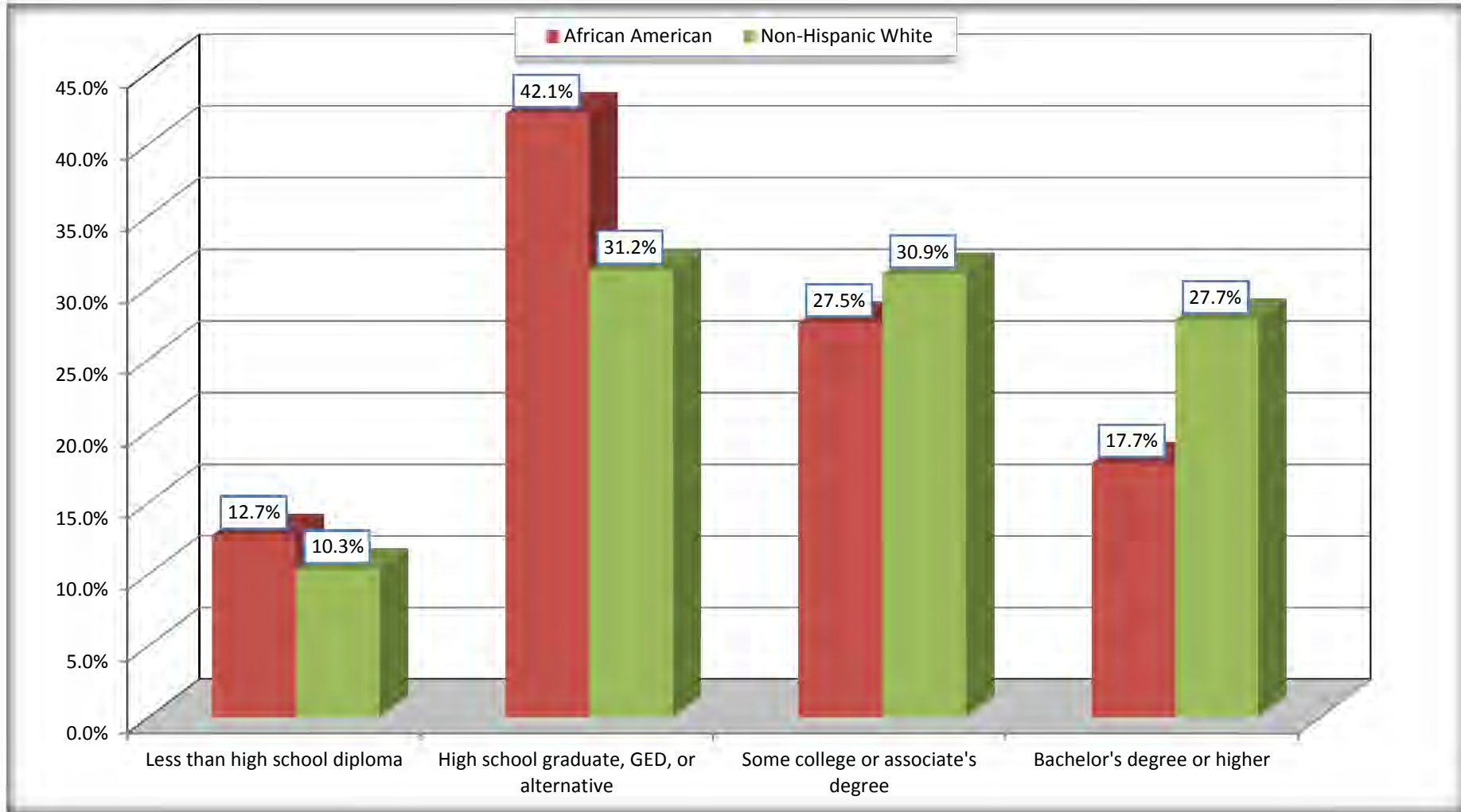
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Marital Status for the Population 15 Years and Over Congressional District 1 (116th Congress), Alabama



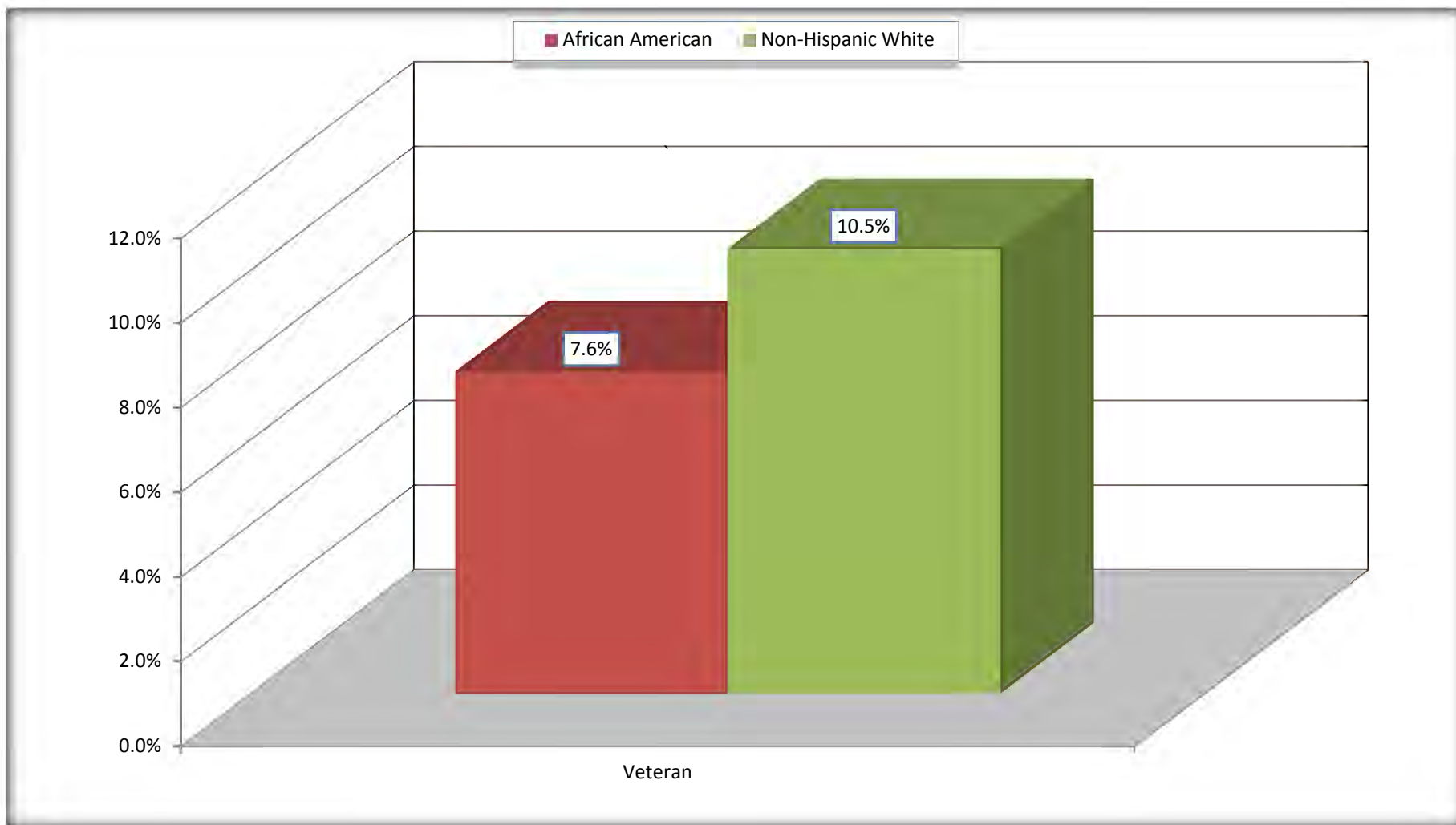
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Educational Attainment for the Population 25 Years and Older**  
**Congressional District 1 (116th Congress), Alabama**



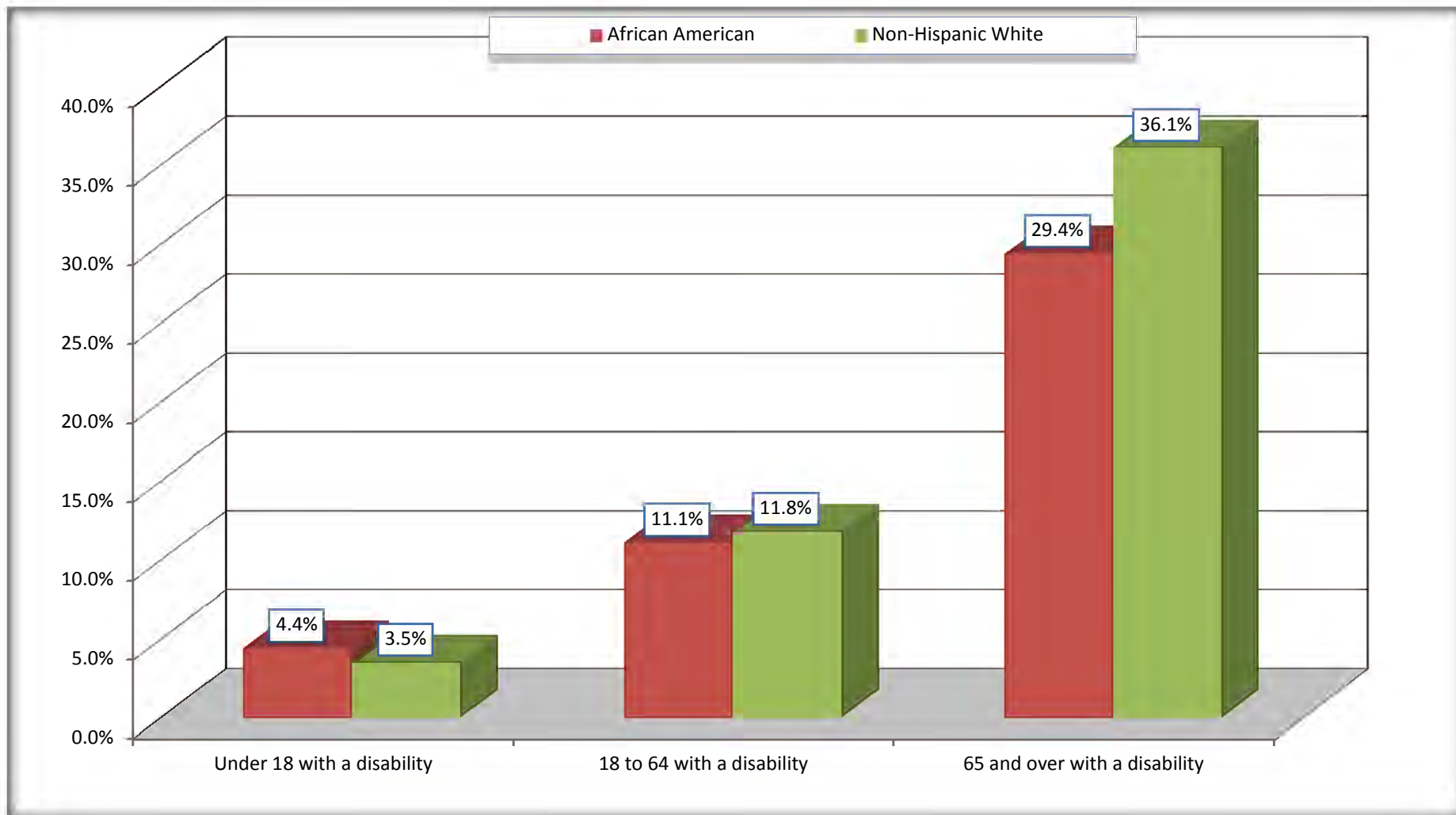
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Veterans in the Civilian Population 18 Years and Over**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

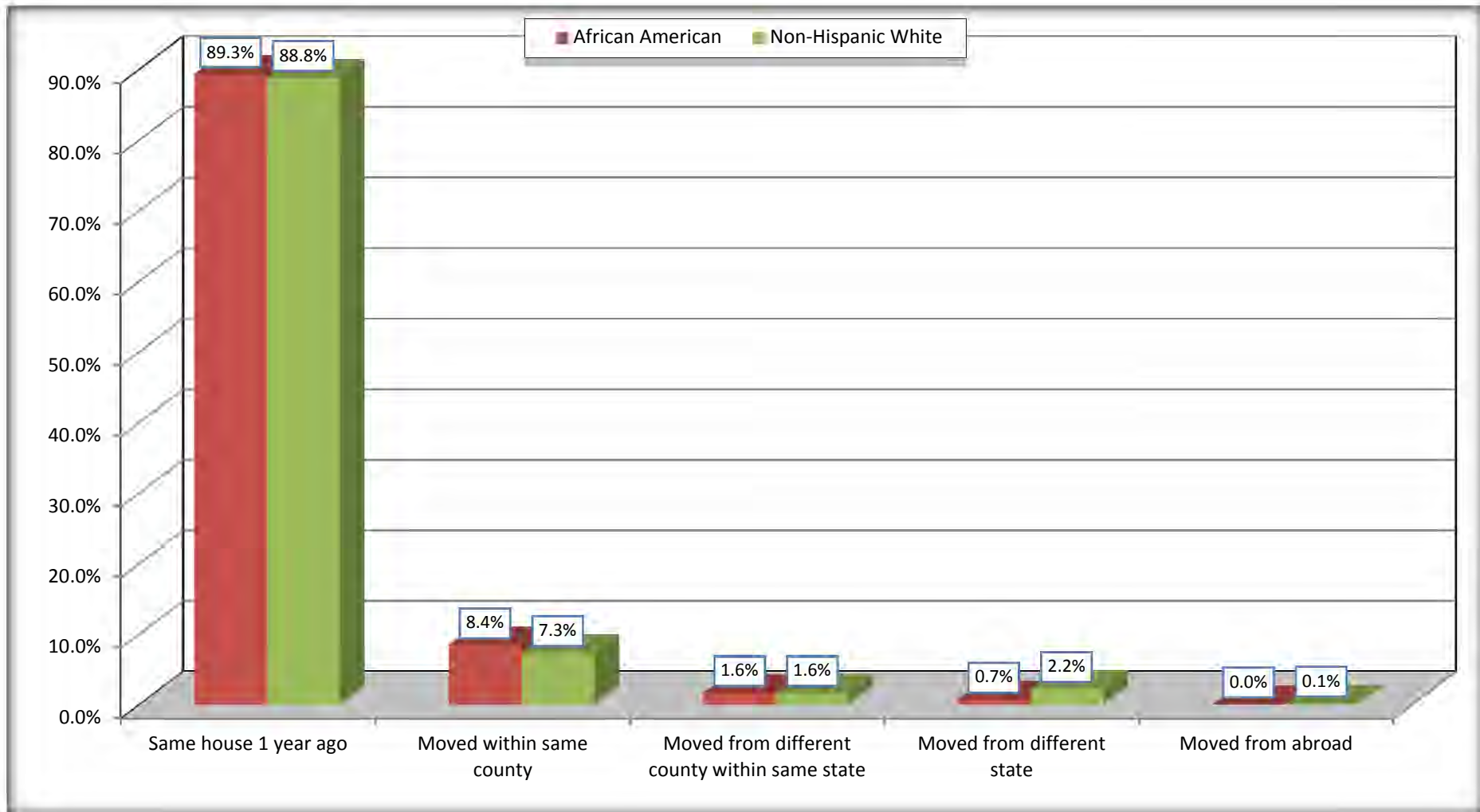
**Disability by Age -- Civilian Noninstitutionalized Population**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

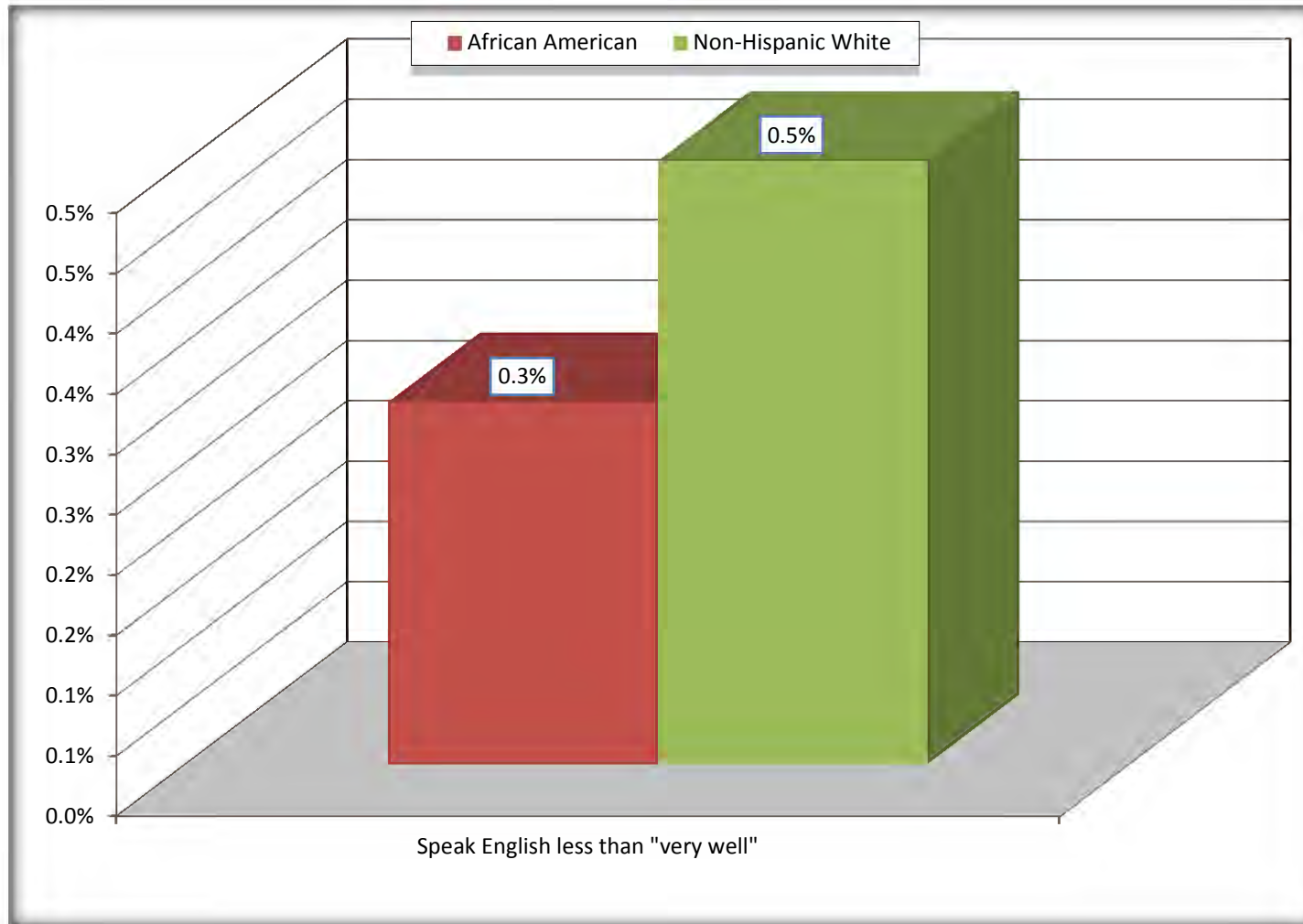
## Geographical Mobility in the Past Year (Population 1 Year and Over)

### Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

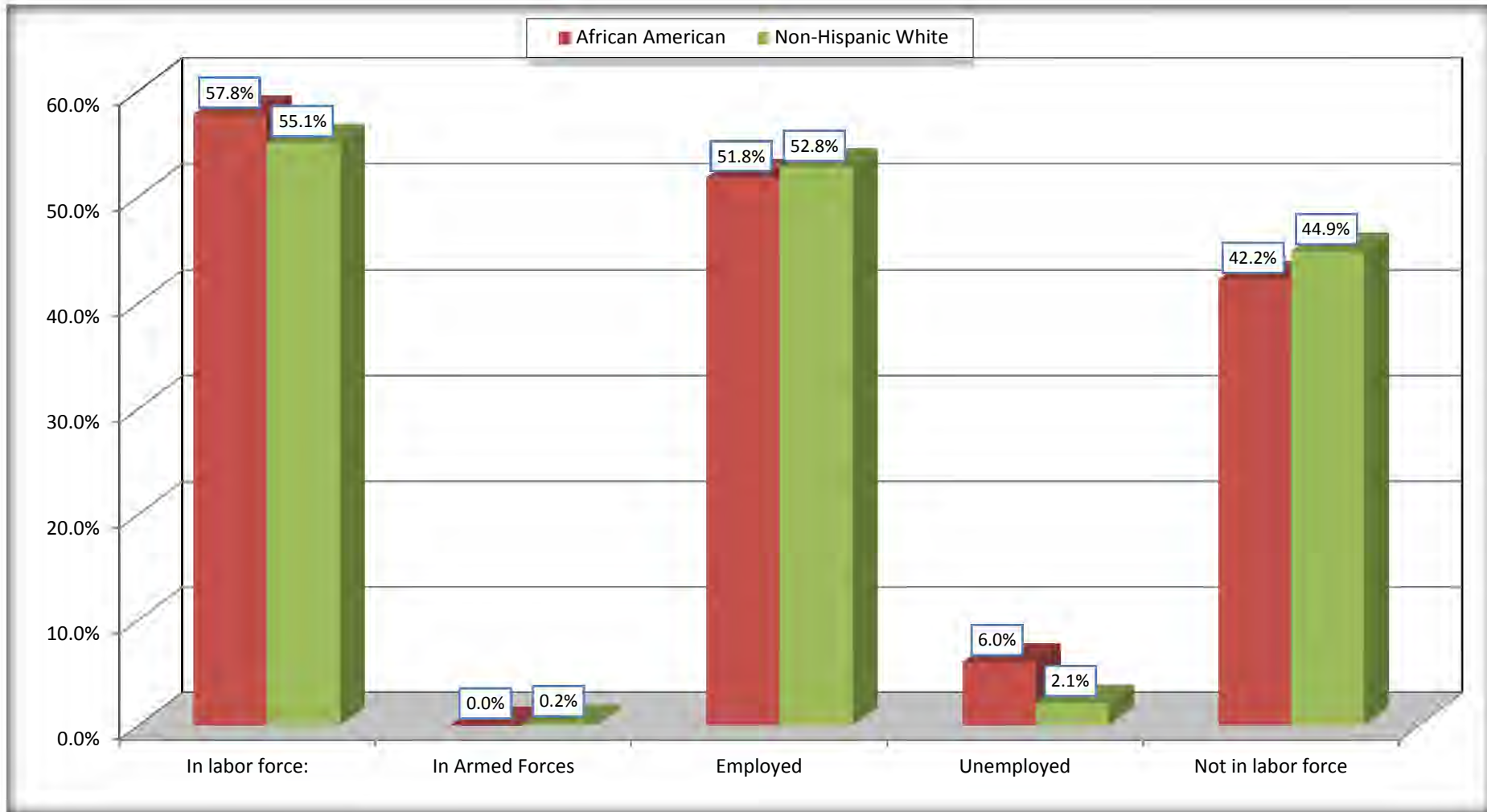
**Speak English Less than "Very Well" (Population 5 Years and Over)**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

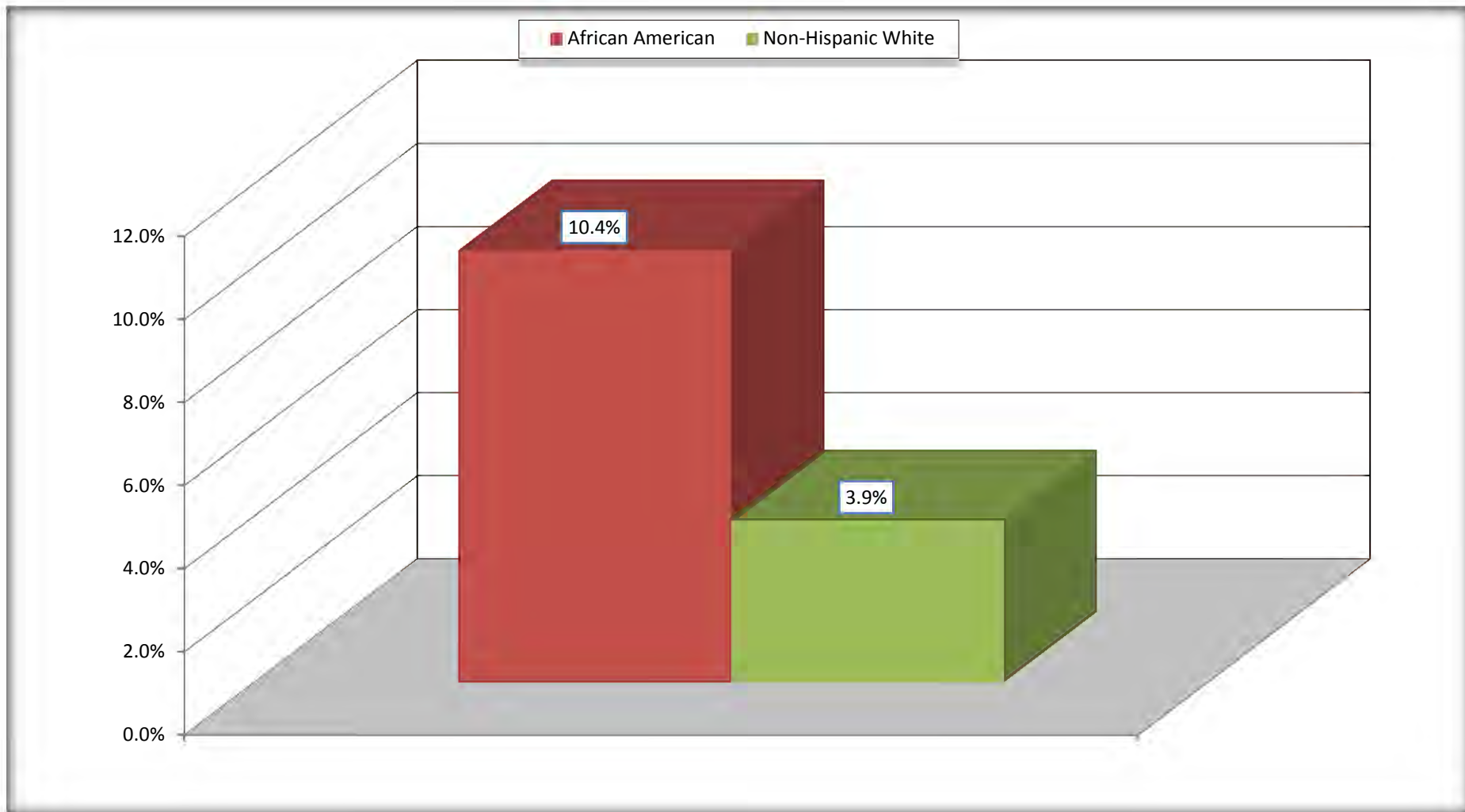
## Employment Status for the Population 16 years and over

### Congressional District 1 (116th Congress), Alabama



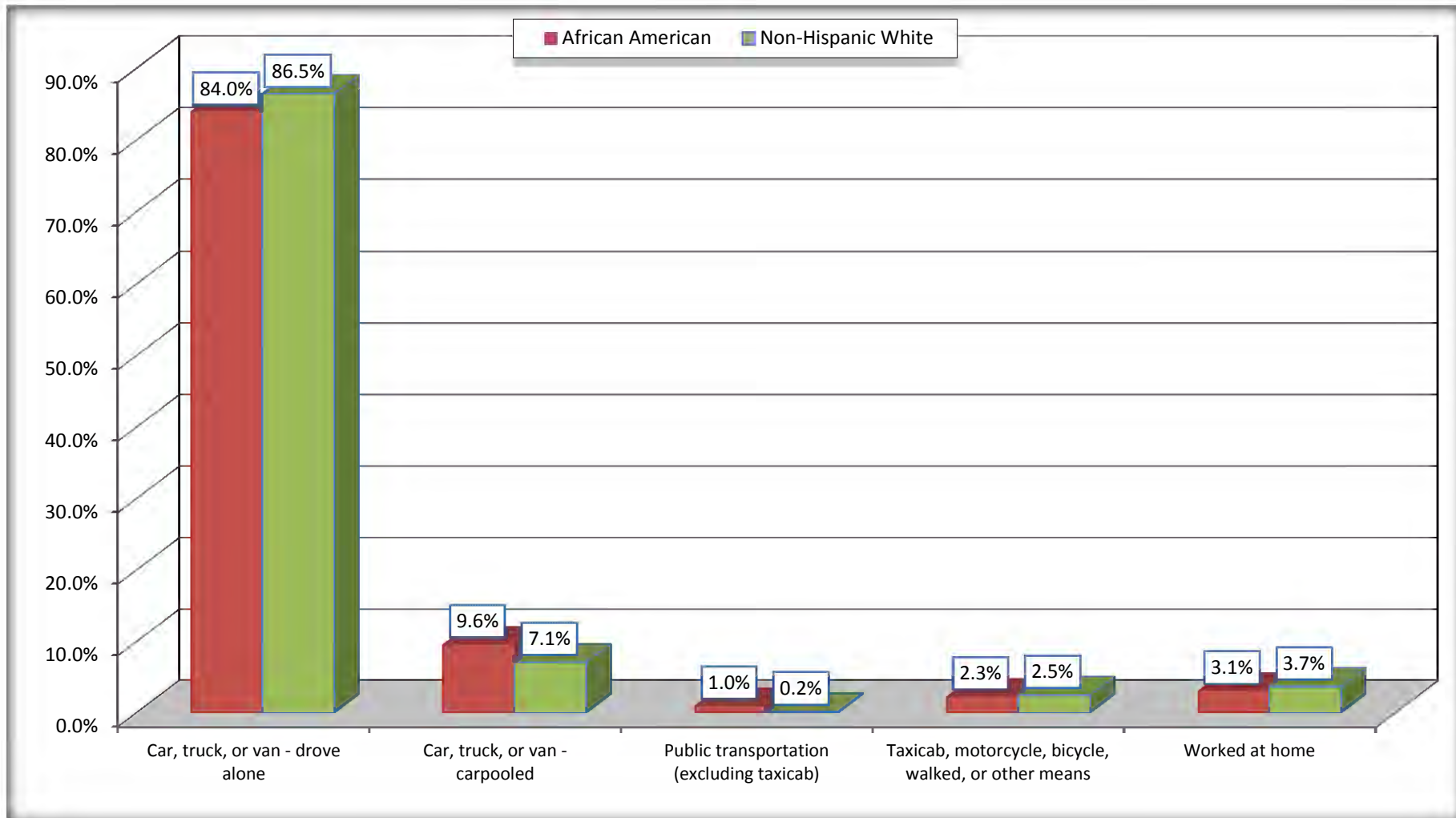
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Unemployment (Civilian Labor Force -- Ages 16 and Over)**  
**Congressional District 1 (116th Congress), Alabama**



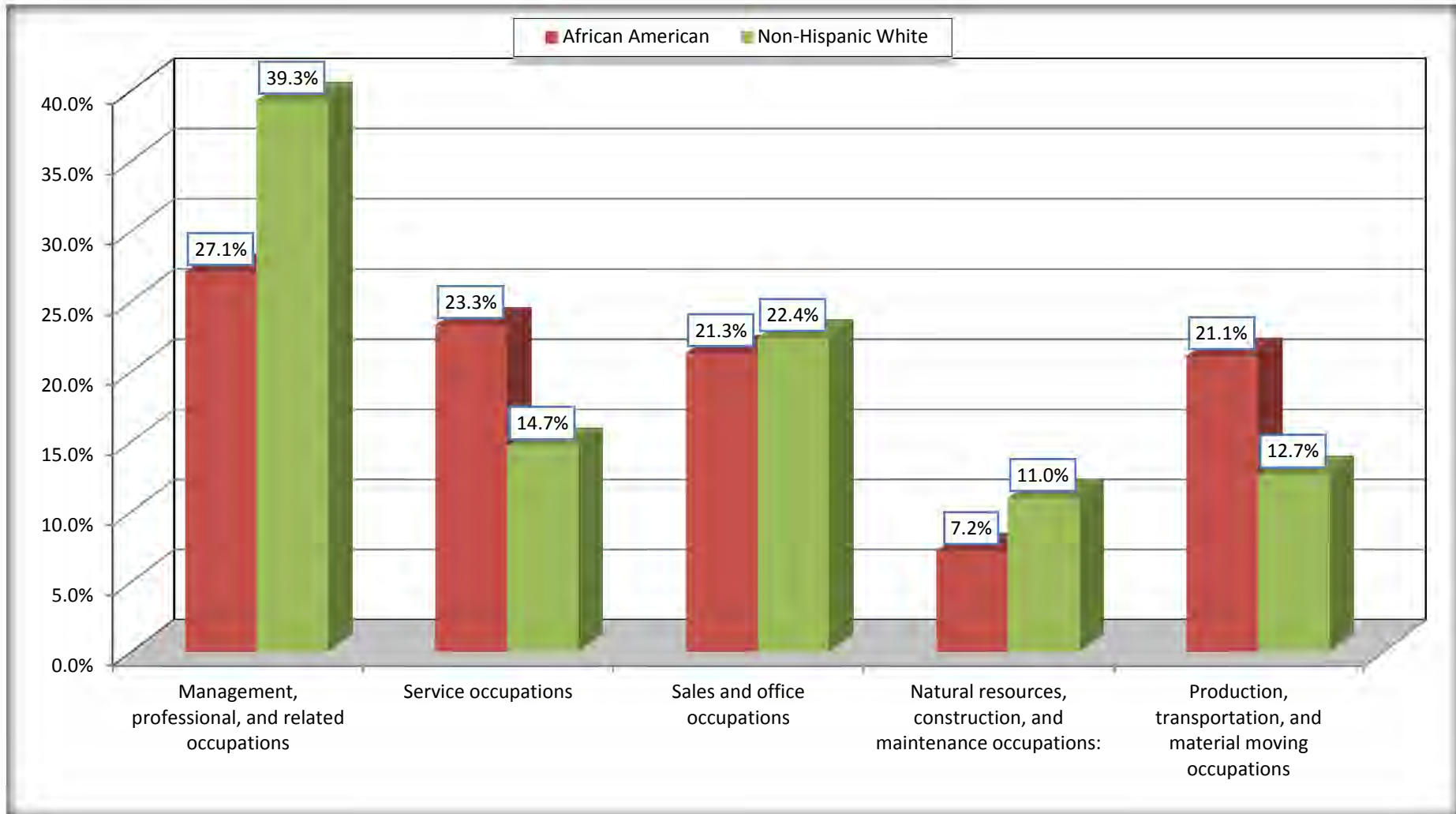
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Means of Transportation to Work (Workers 16 Years and Over)**  
**Congressional District 1 (116th Congress), Alabama**



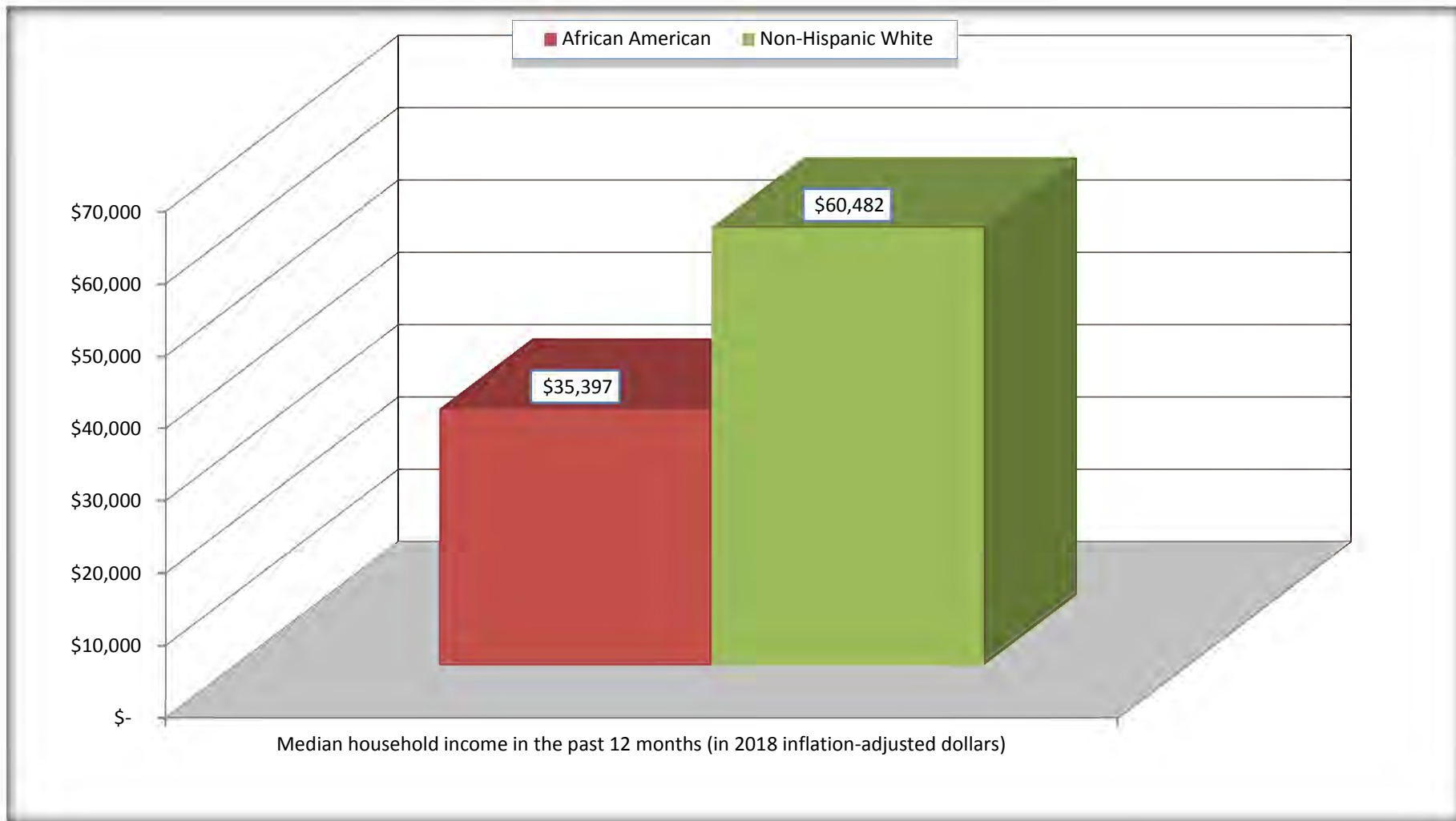
Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

## Occupation for the Civilian Employed 16 Years and Over Population Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

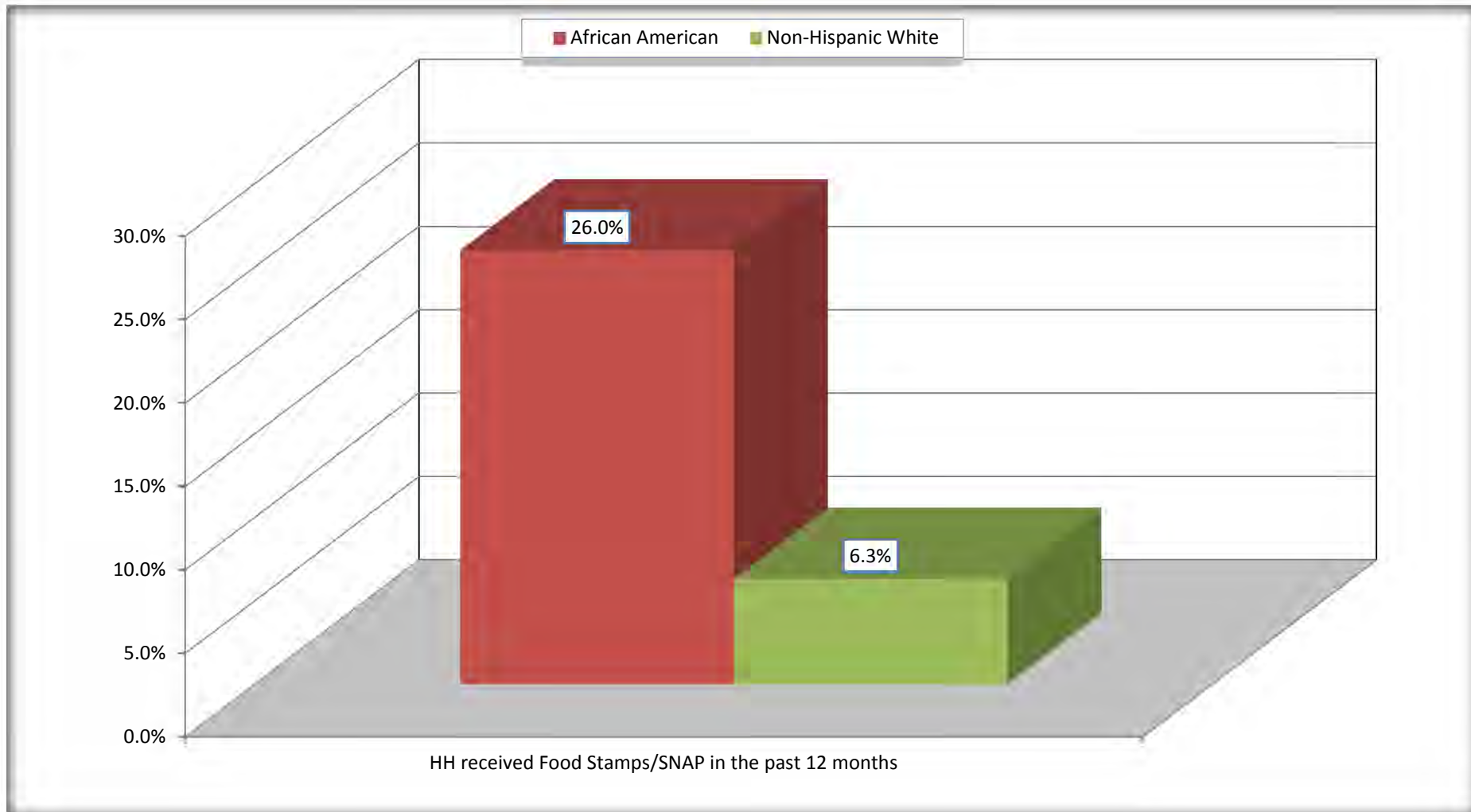
**Median Household Income in the Past 12 Months**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Receipt of Food Stamps/SNAP in the Past 12 Months by Household

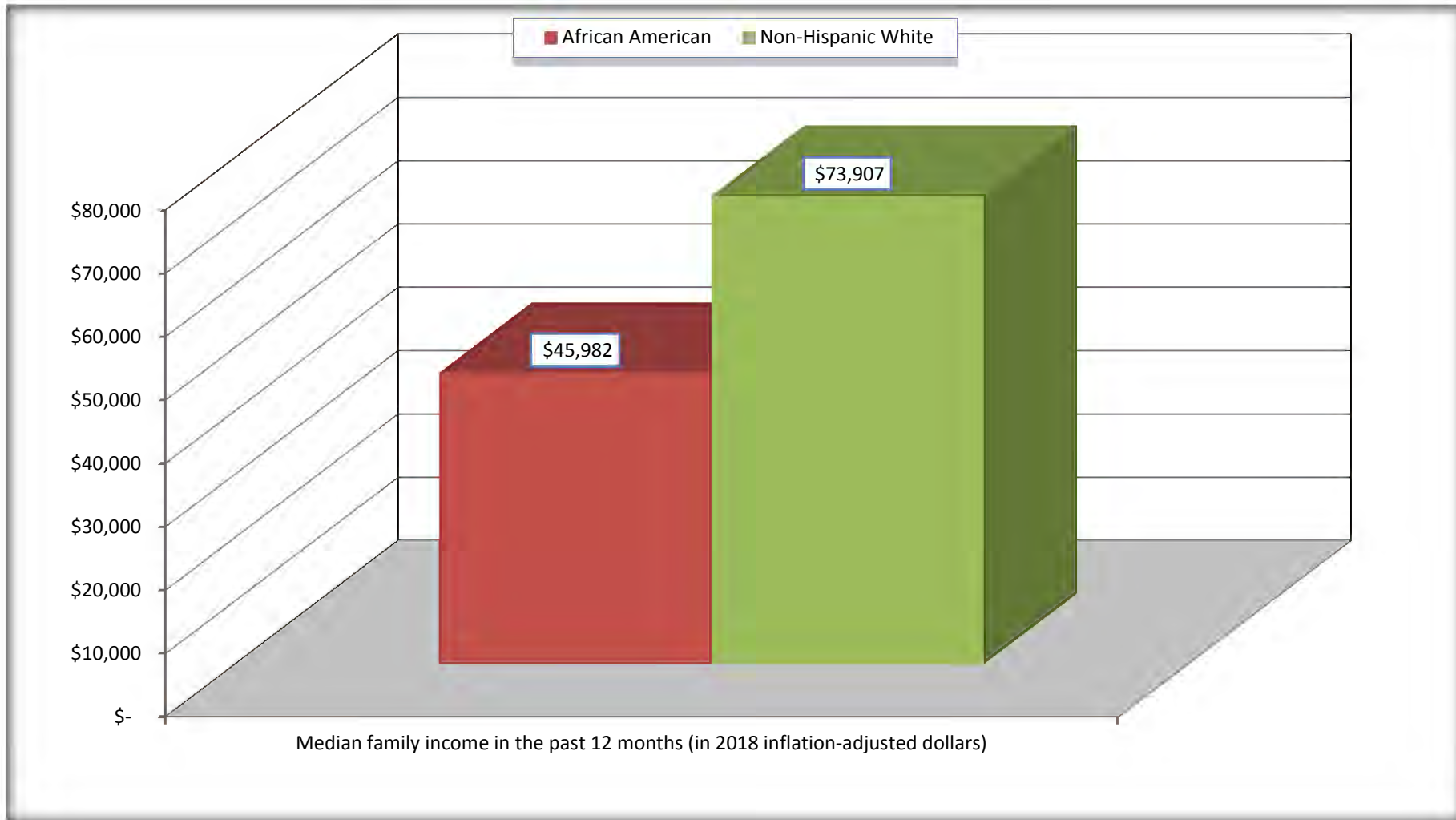
### Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

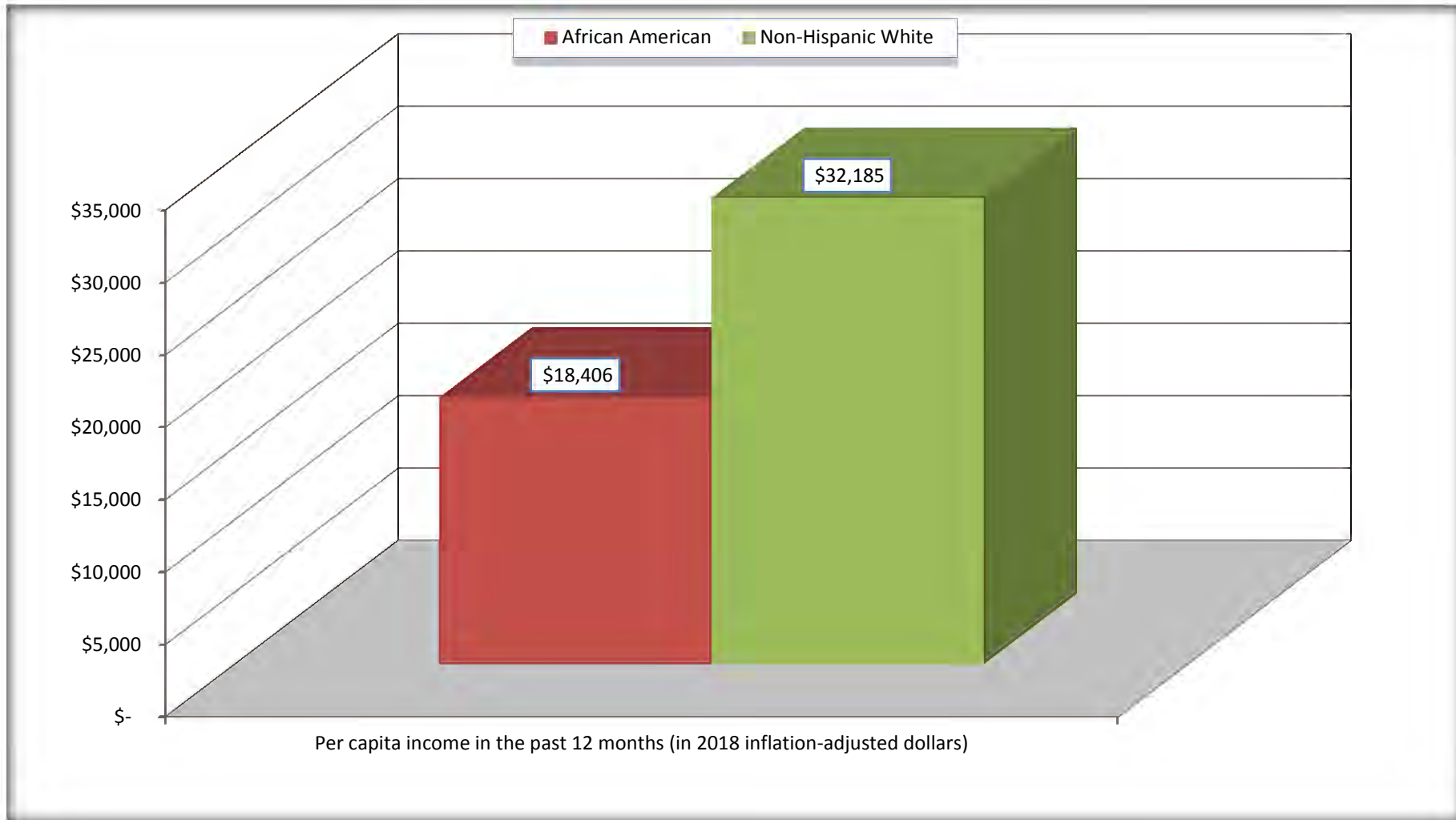
## Median Family Income in the Past 12 Months

### Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

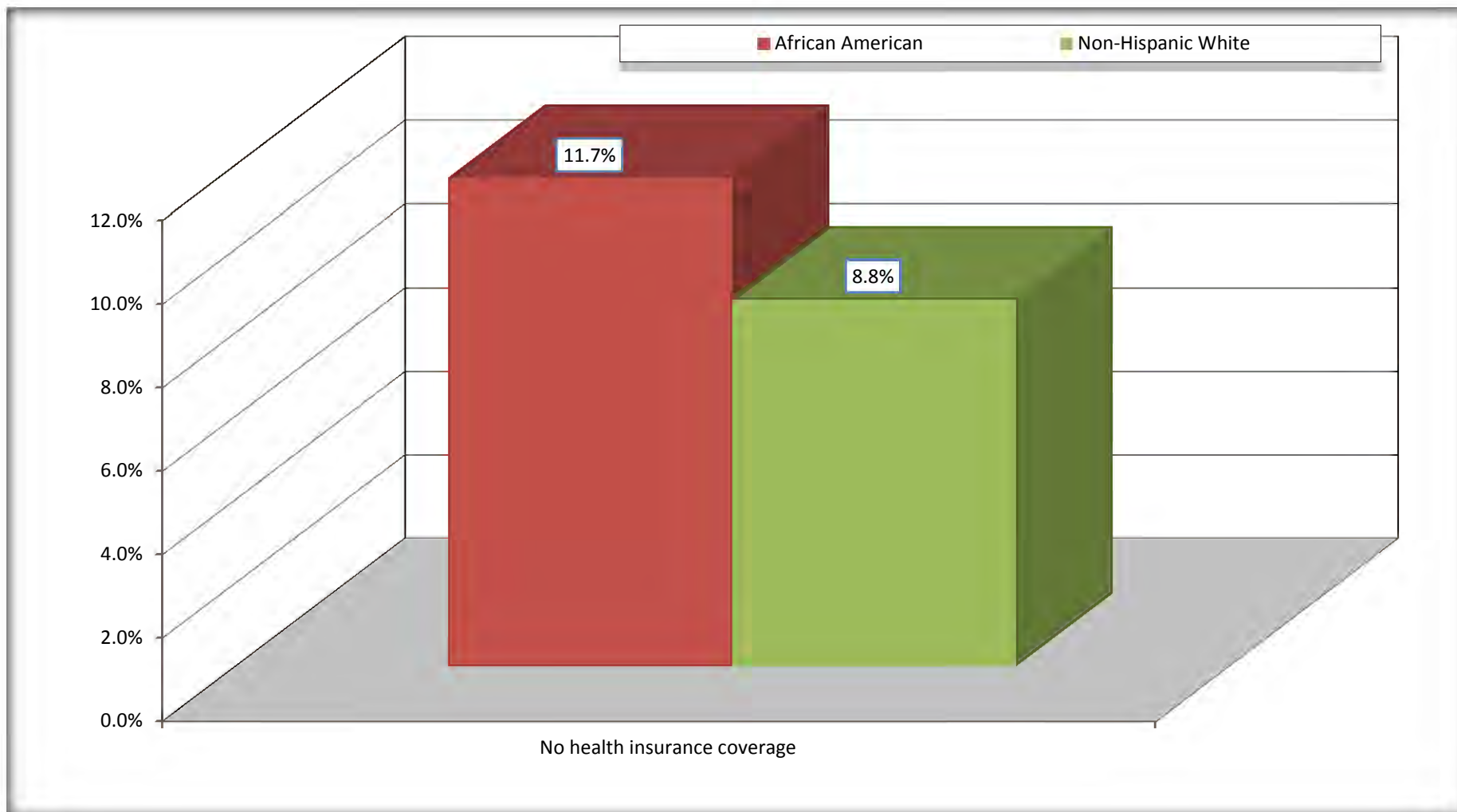
**Per capita Income in the Past 12 Months**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

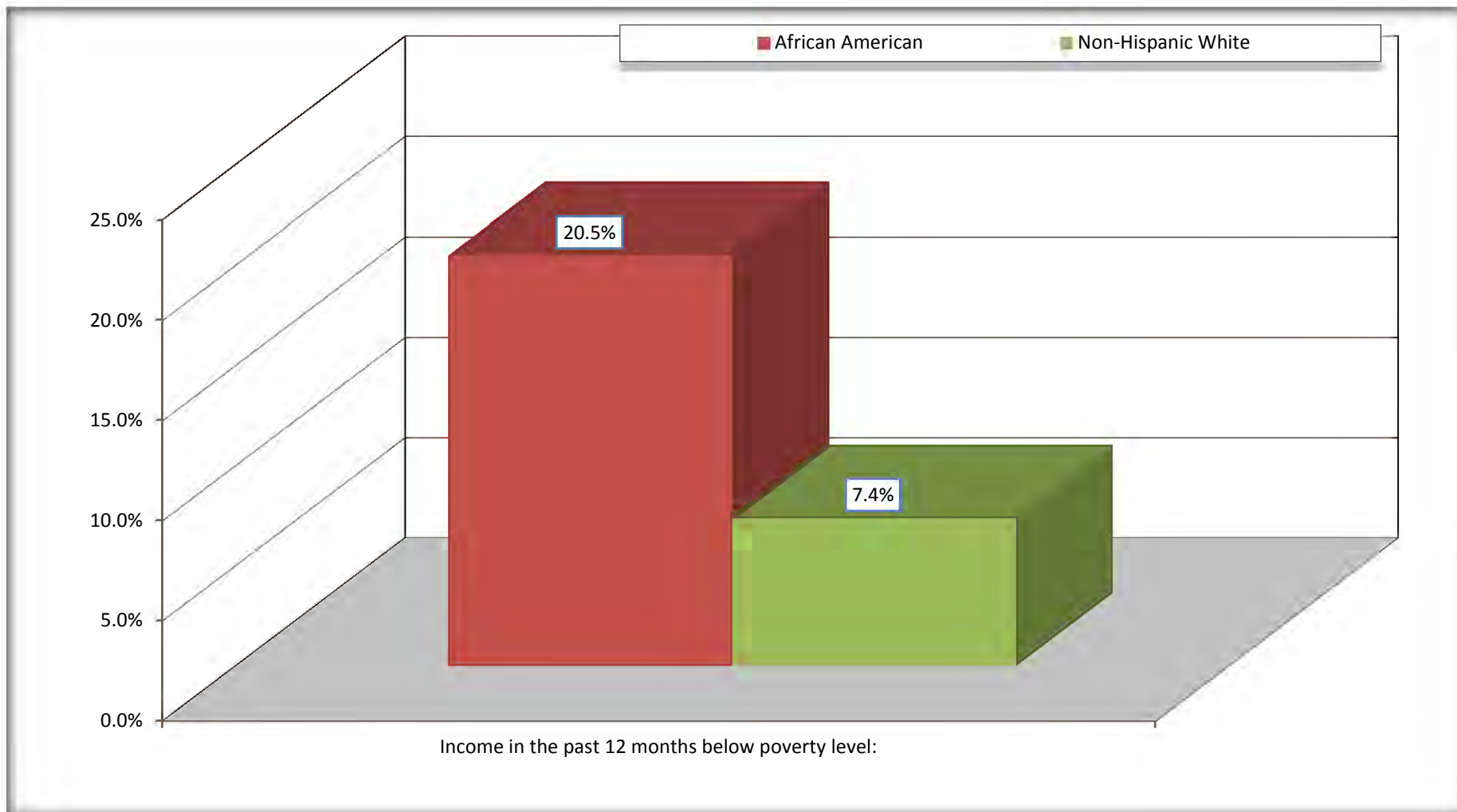
## Lack of Health Insurance Coverage -- Civilian Noninstitutionalized Population

### Congressional District 1 (116th Congress), Alabama



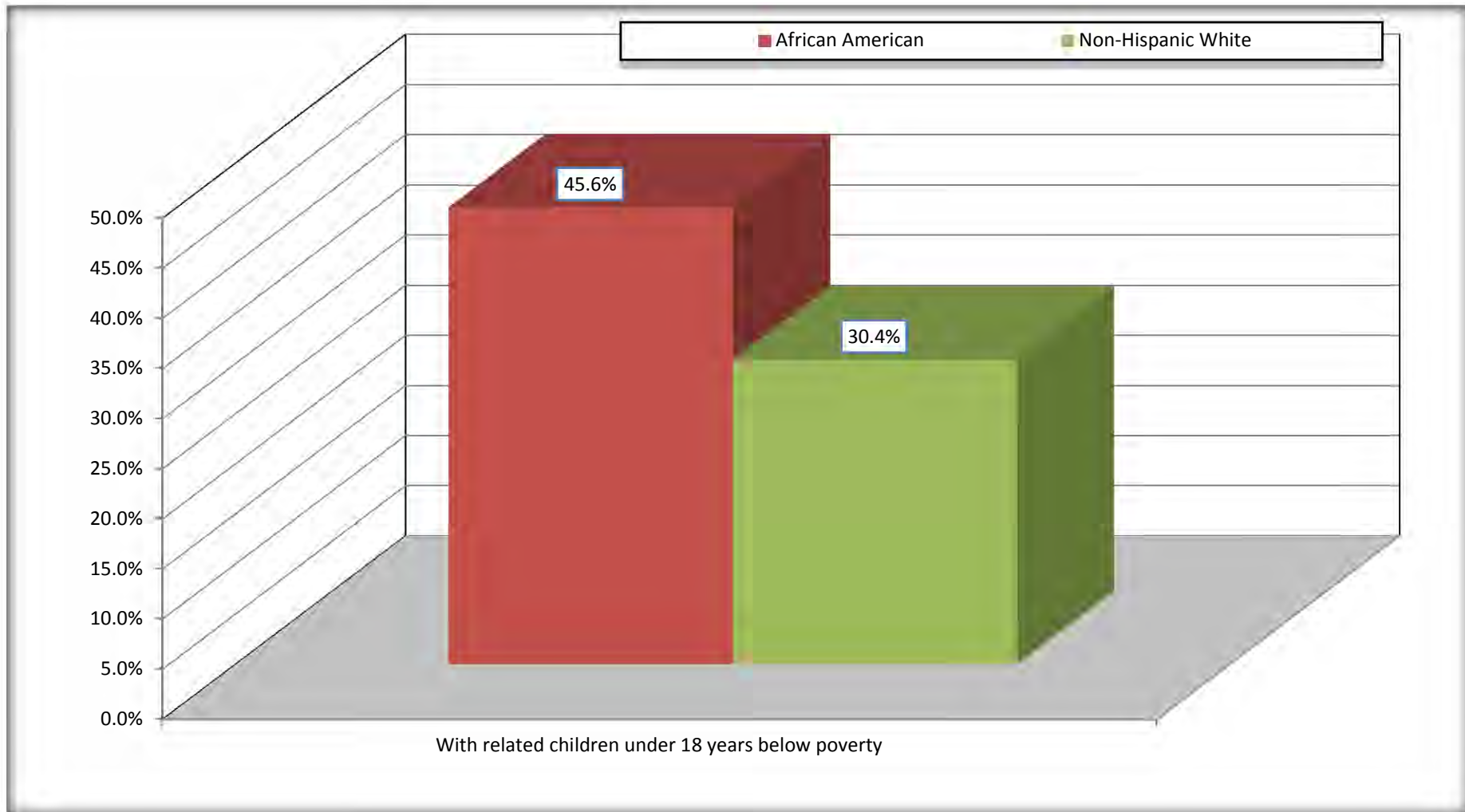
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Family Households Below Poverty in the Past 12 Months**  
**Congressional District 1 (116th Congress), Alabama**



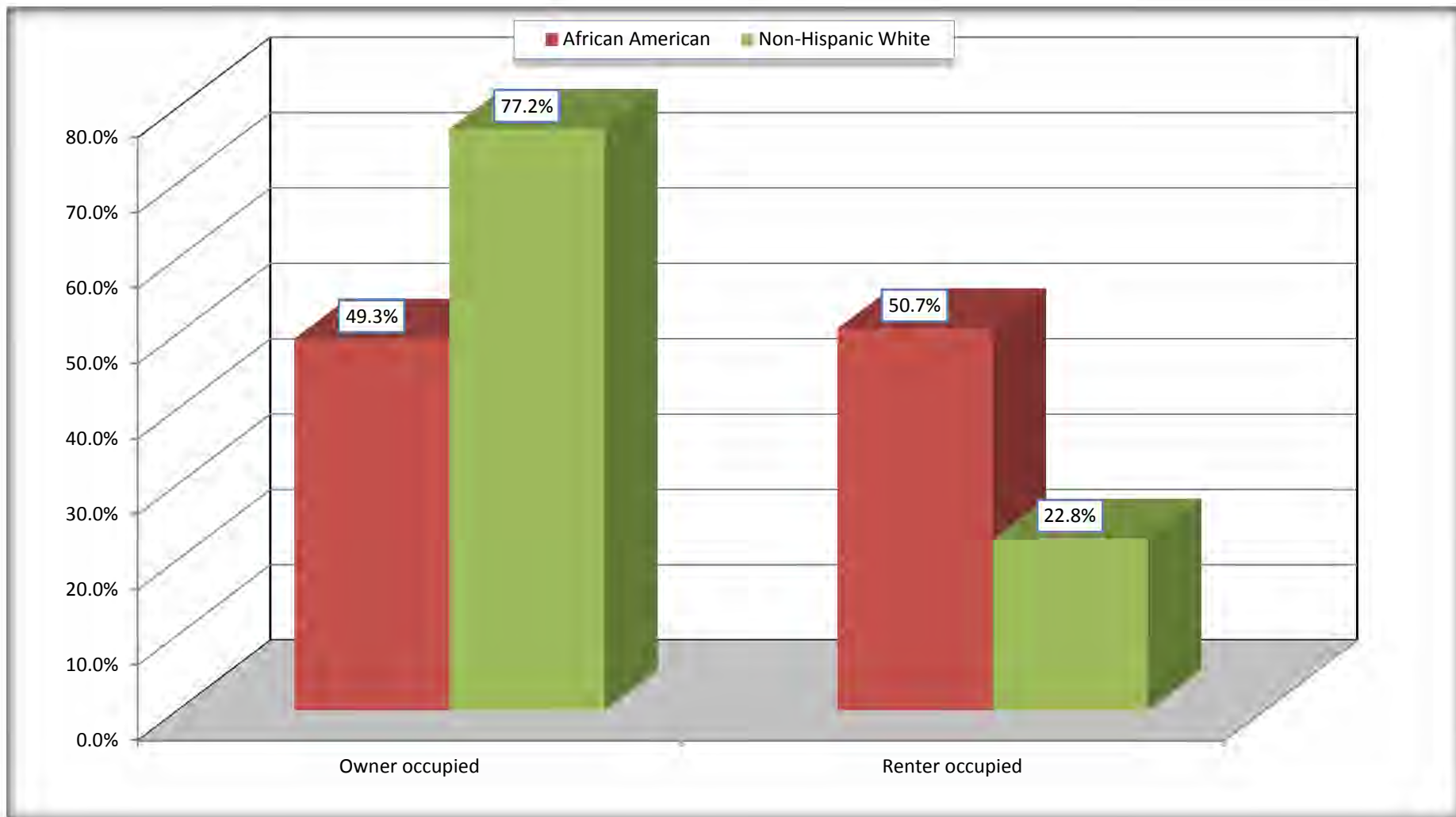
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-headed Households with Related Children Below Poverty in the Past 12 Months**  
**Congressional District 1 (116th Congress), Alabama**



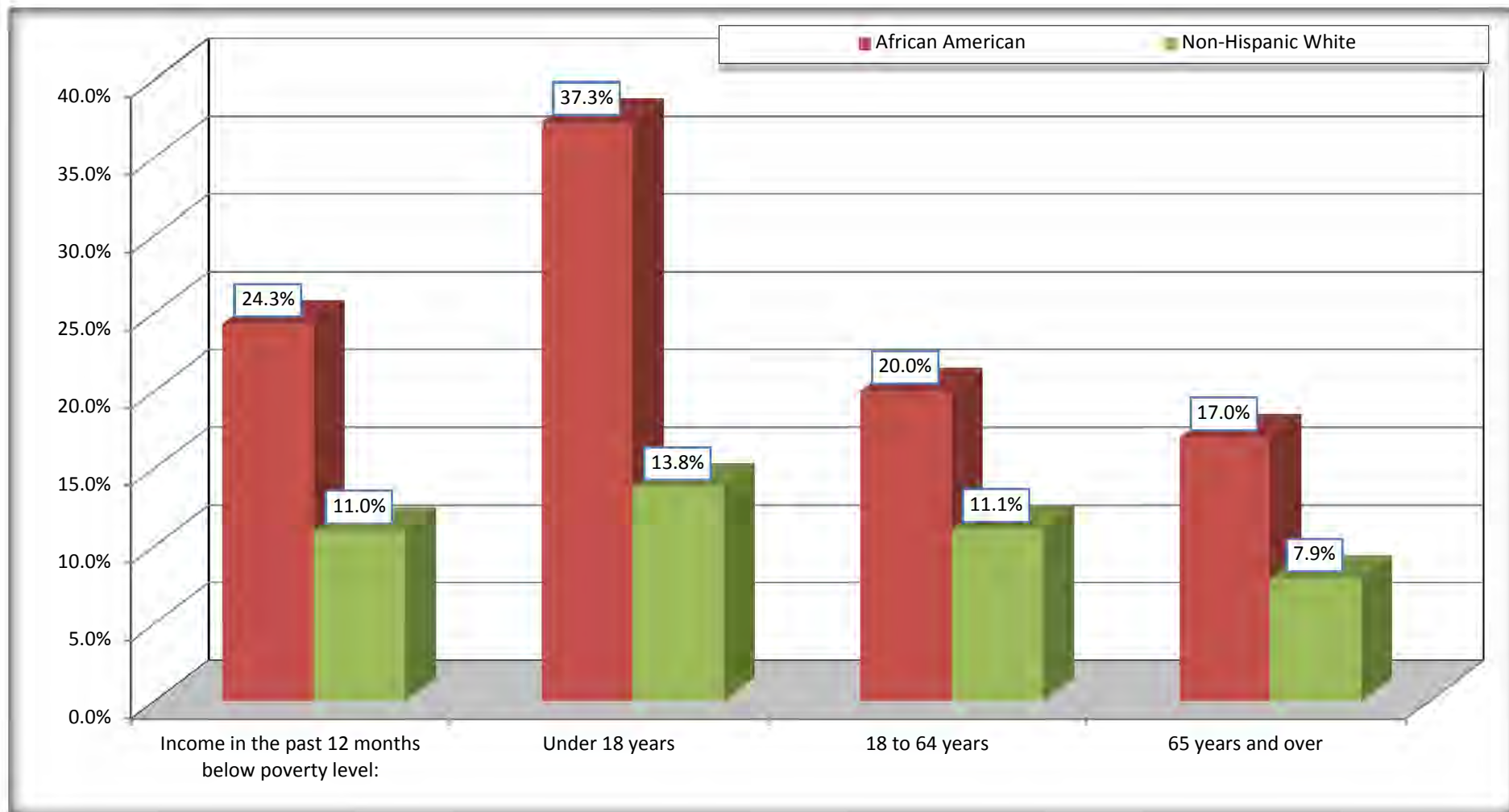
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Home Owners and Renters by Household Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

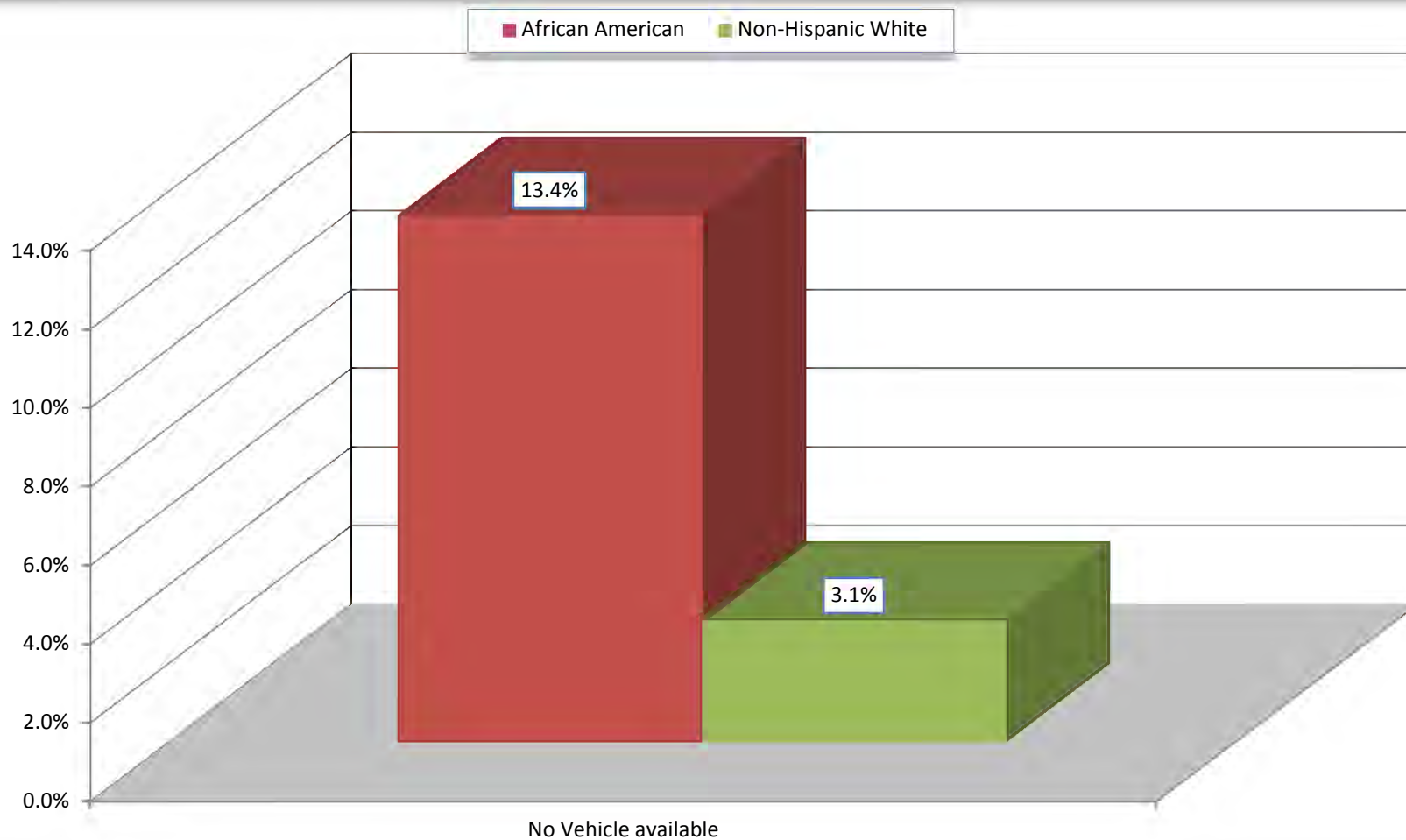
# **Population Below Poverty in the Past 12 Months** **Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

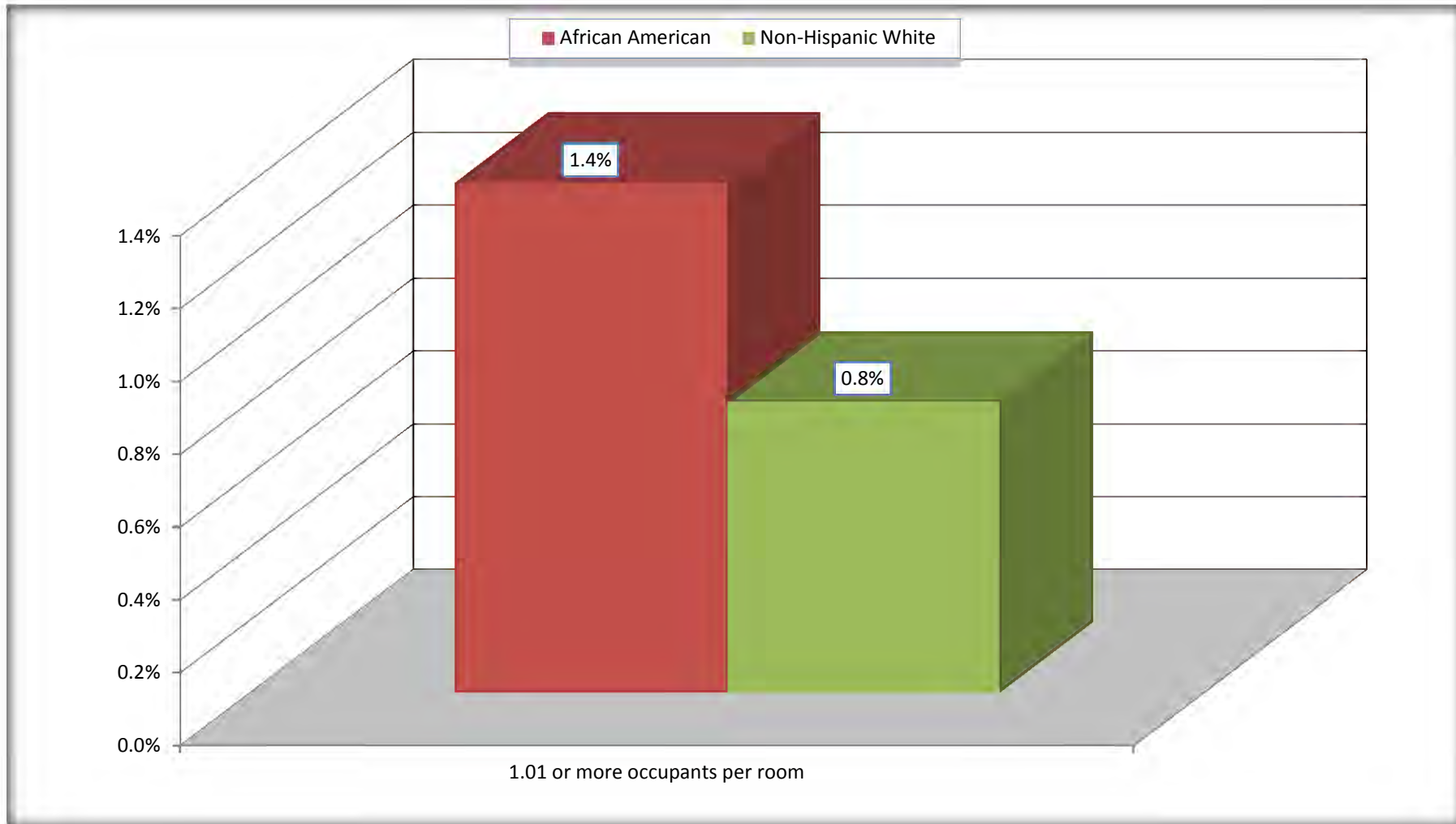
# No Vehicles Available by Household

## Congressional District 1 (116th Congress), Alabama



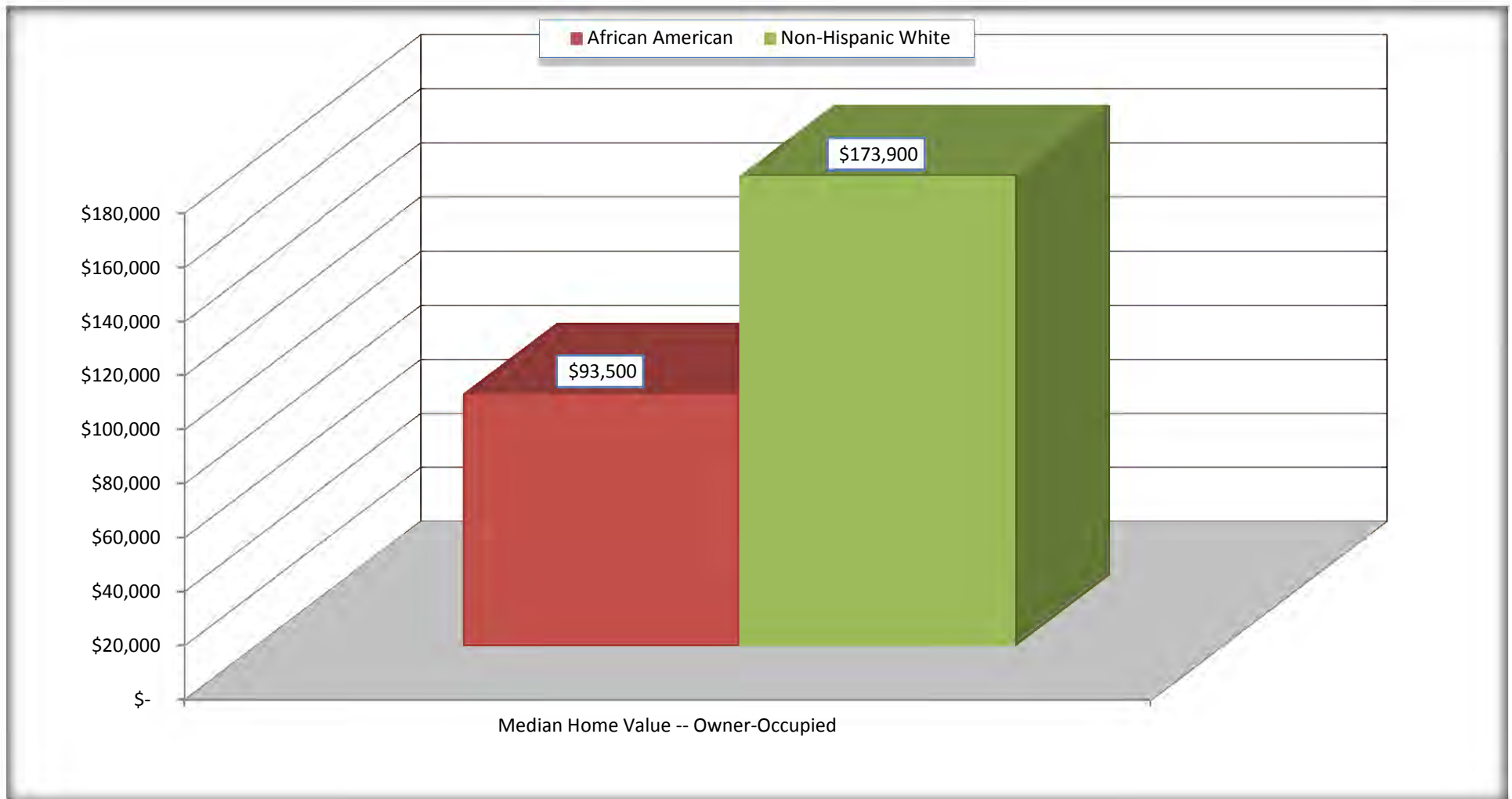
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**More than One Person per Room (Crowding) by Household**  
**Congressional District 1 (116th Congress), Alabama**



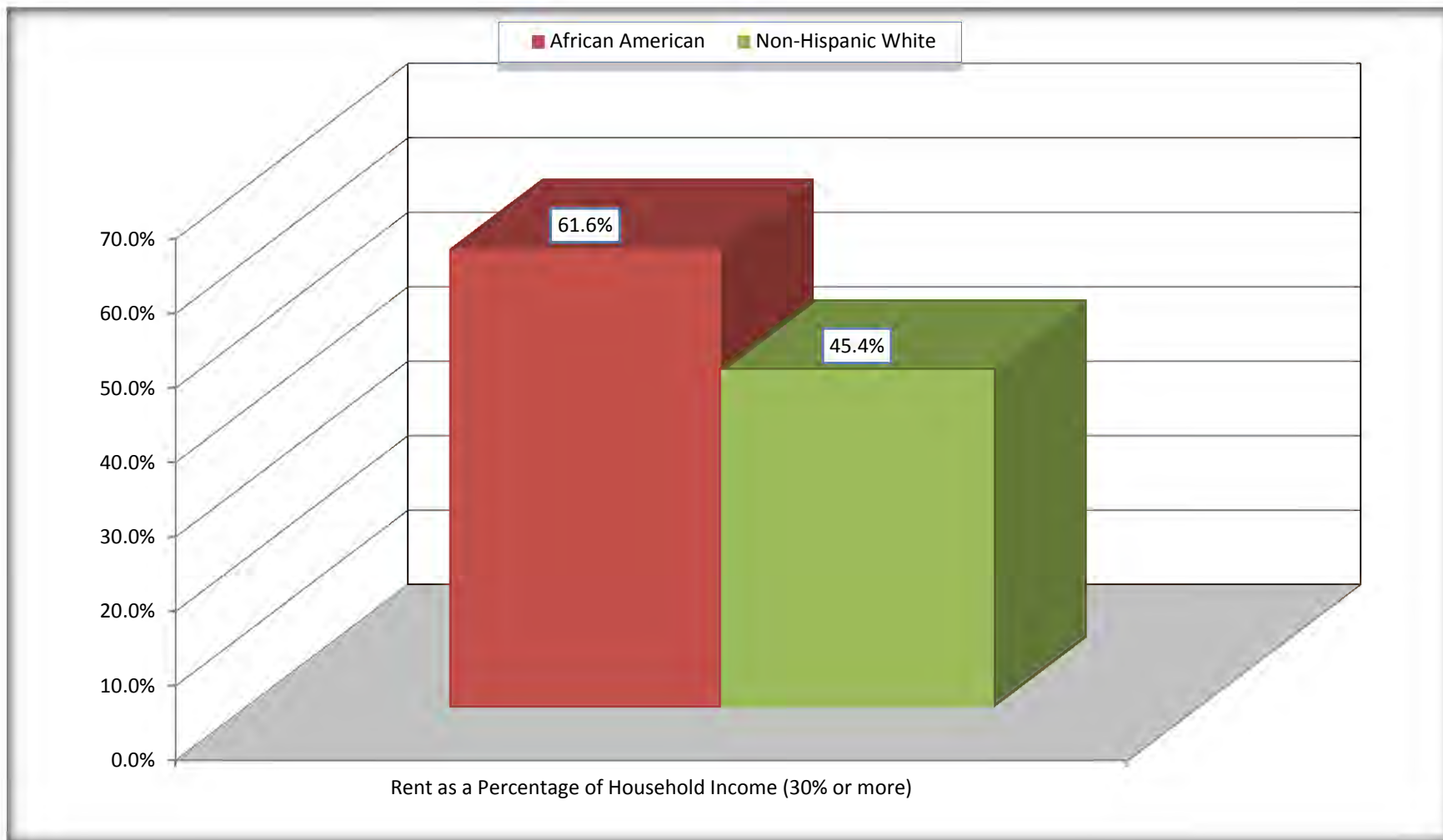
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Median Home Value -- Owner-Occupied**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

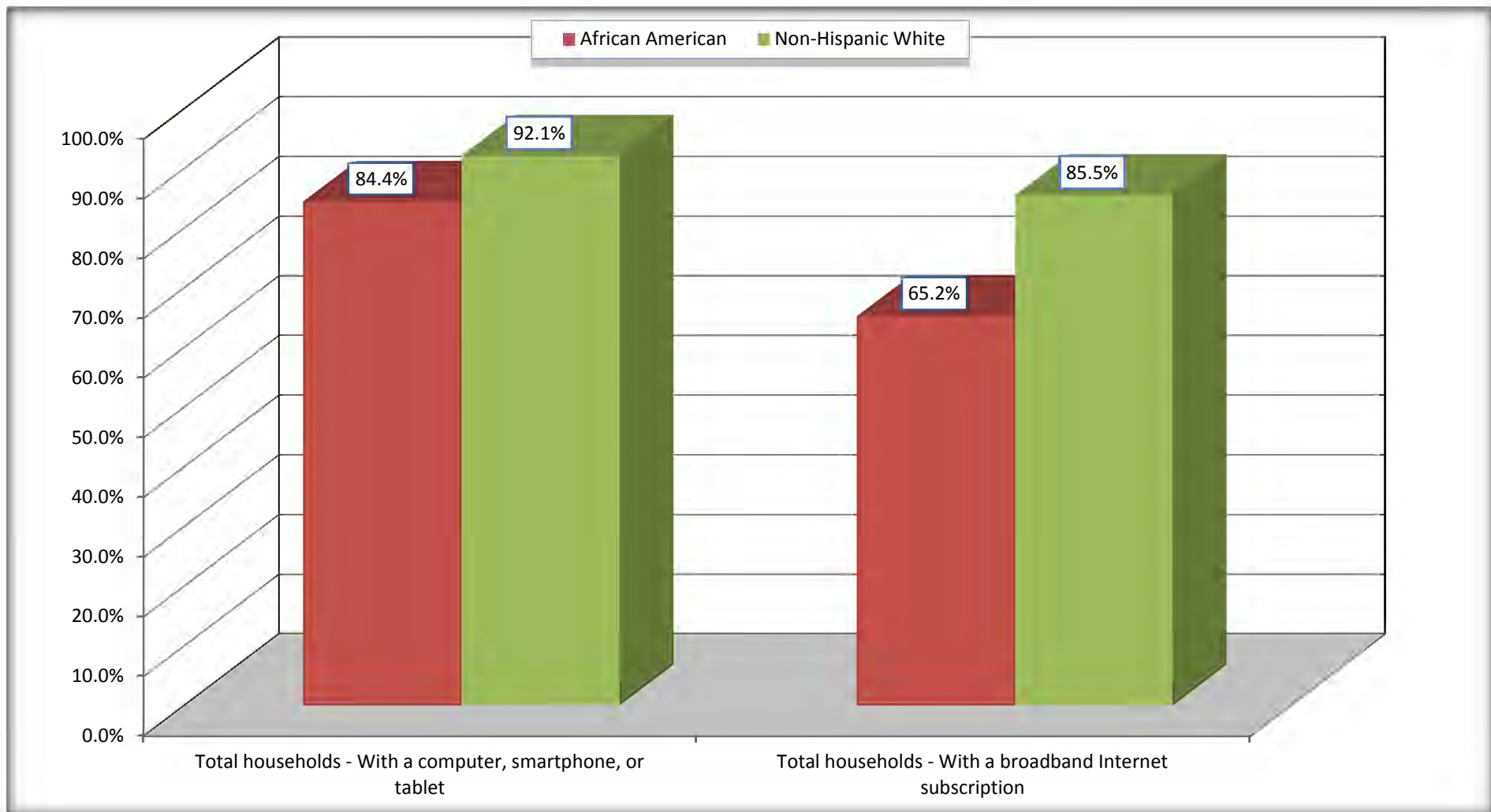
**Rent as a Percentage of Household Income (30% or more) -- Renter-Occupied**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Computers and Internet Use

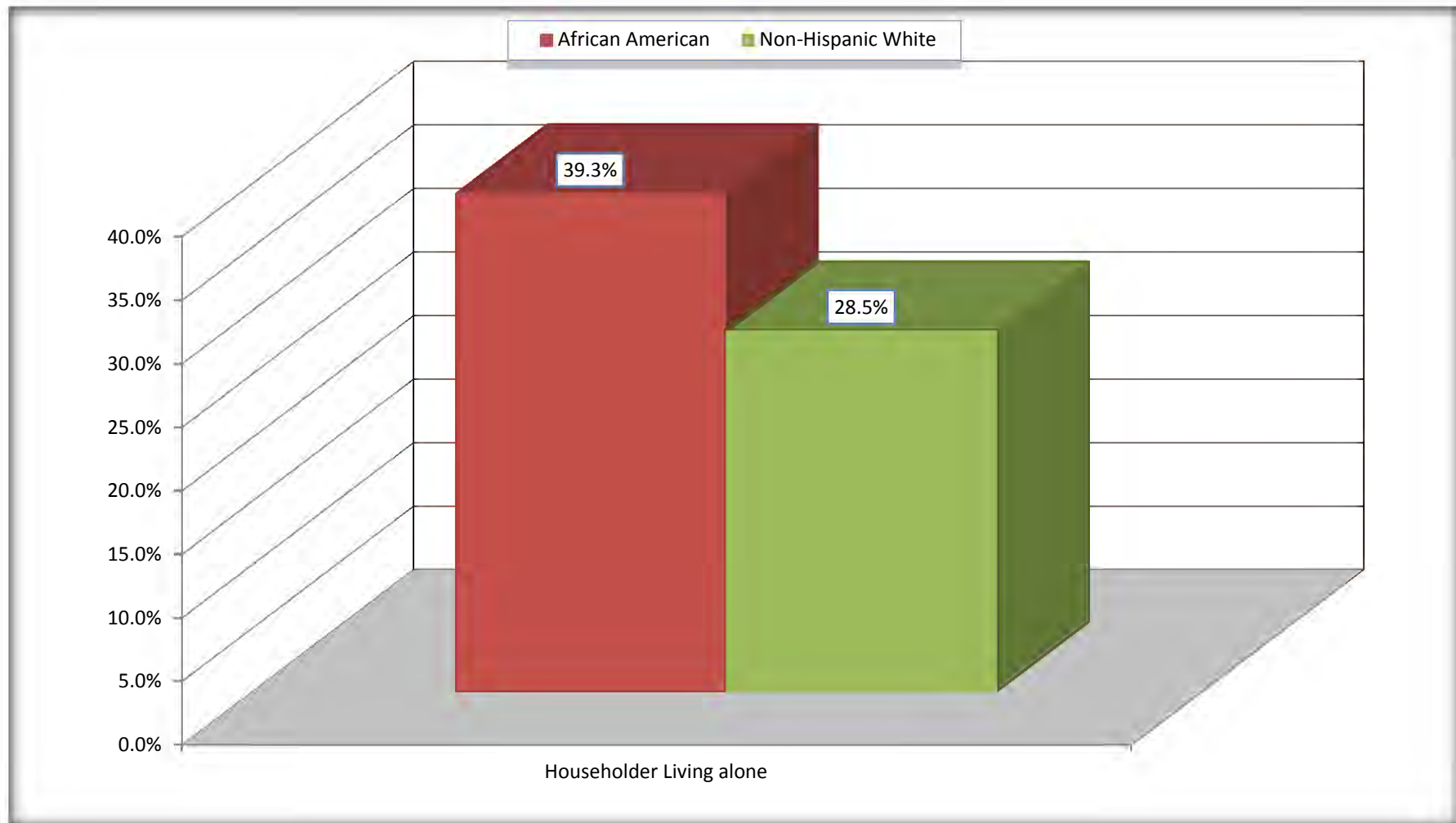
### Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

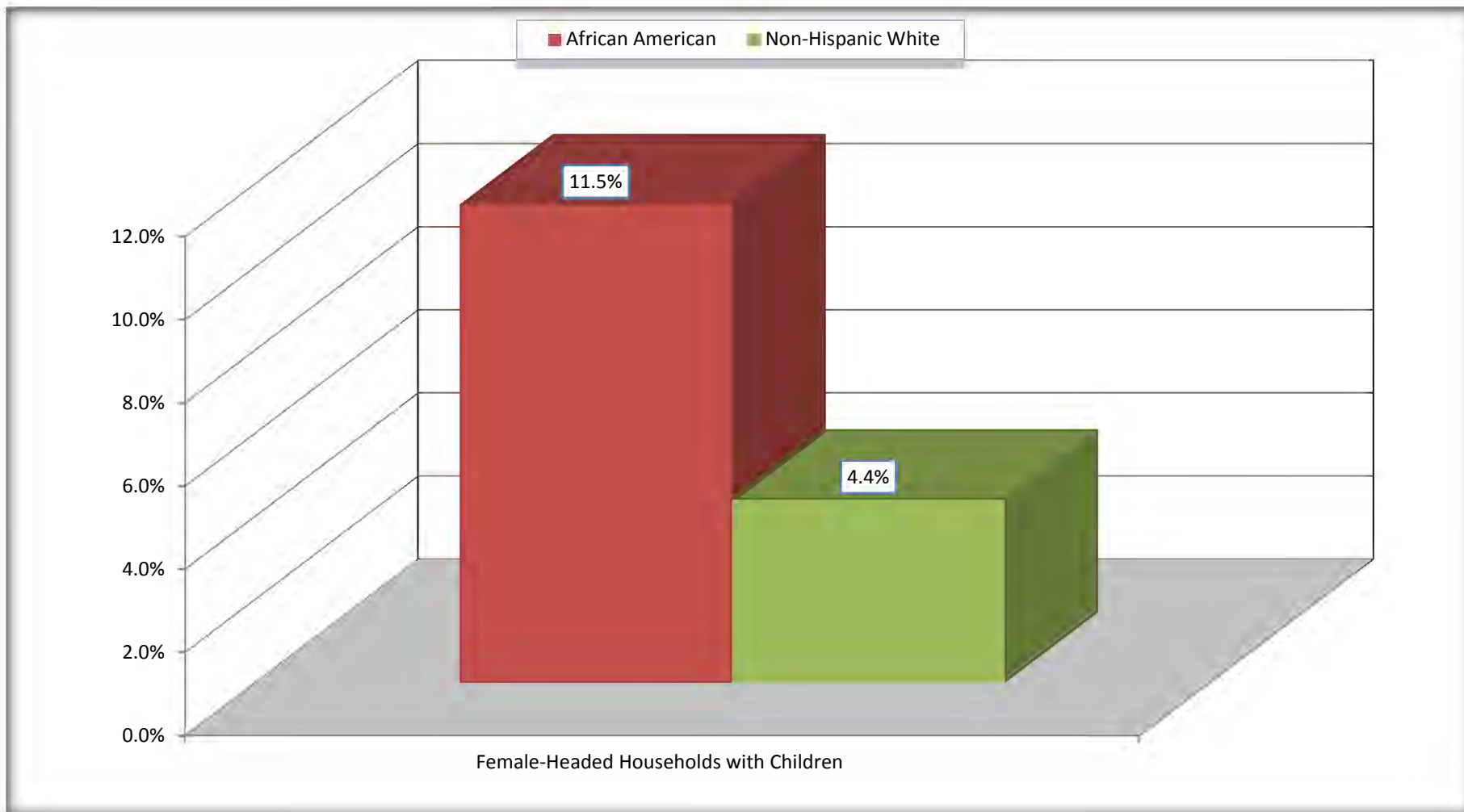
# Households with Householder Living Alone

## Congressional District 1 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-Headed Households with Children Under 18 (As a Percentage of all Households)**  
**Congressional District 1 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Exhibit N-2**

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>TOTAL NUMBER OF RACES REPORTED</b>			
Total population	717,438	203,394	466,435
One race	97.9%	96.7%	100.0%
Two races	1.9%	2.7%	(X)
Three races	0.2%	0.6%	(X)
Four or more races	0.0%	0.0%	(X)
<b>SEX AND AGE</b>			
Total population	717,438	203,394	466,435
Male	48.2%	47.4%	48.5%
Female	51.8%	52.6%	51.5%
Under 5 years	6.0%	7.2%	5.2%
5 to 17 years	16.5%	19.7%	14.6%
18 to 24 years	8.1%	9.4%	7.3%
25 to 34 years	12.9%	14.3%	11.9%
35 to 44 years	12.4%	13.3%	11.8%
45 to 54 years	12.2%	10.9%	13.0%
55 to 64 years	13.6%	12.1%	14.7%
65 to 74 years	11.0%	8.6%	12.6%
75 years and over	7.3%	4.5%	8.9%
Median age (years)	40.4	34.5	44.3
18 years and over	77.5%	73.0%	80.2%
21 years and over	74.0%	68.8%	77.2%
62 years and over	22.4%	16.8%	26.0%
65 years and over	18.3%	13.1%	21.5%
Under 18 years	161,427	54,911	92,525
Male	52.2%	55.0%	51.0%
Female	47.8%	45.0%	49.0%
<b>18 years and over</b>	<b>556,011</b>	<b>148,483</b>	<b>373,910</b>
Male	47.0%	44.6%	47.9%
Female	53.0%	55.4%	52.1%
18 to 34 years	150,667	48,125	89,729
Male	48.8%	46.3%	49.8%
Female	51.2%	53.7%	50.2%
35 to 64 years	274,193	73,790	183,828
Male	47.4%	45.1%	48.3%
Female	52.6%	54.9%	51.7%

	Black or African American alone		White alone, or in combination not Hispanic or Latino
	All Persons		
	Estimate	Estimate	Estimate
<b>65 years and over</b>	<b>131,151</b>	<b>26,568</b>	<b>100,353</b>
Male	44.2%	40.1%	45.3%
Female	55.8%	59.9%	54.7%
<b>RELATIONSHIP</b>			
Population in households	704,903	198,114	459,494
Householder or spouse	55.6%	48.7%	59.7%
Unmarried partner	1.6%	1.4%	1.6%
Child	29.2%	34.5%	26.5%
Other relatives	10.9%	13.7%	9.5%
Other nonrelatives	2.8%	1.7%	2.8%
<b>HOUSEHOLDS BY TYPE</b>			
Households	268,033	73,945	180,156
Family households	64.3%	58.2%	67.0%
With own children of the householder under 18 years	22.4%	22.3%	21.7%
Married-couple family	46.1%	28.8%	53.1%
With own children of the householder under 18 years	14.2%	8.9%	15.8%
Female householder, no spouse present, family	13.9%	24.8%	9.8%
With own children of the householder under 18 years	6.6%	11.5%	4.4%
Nonfamily households	35.7%	41.8%	33.0%
Male householder	15.7%	16.9%	14.8%
Living alone	13.3%	15.8%	12.2%
Not living alone	2.4%	1.1%	2.7%
Female householder	20.0%	24.9%	18.2%
Living alone	18.2%	23.5%	16.3%
Not living alone	1.8%	1.4%	1.9%
Average household size	2.63	2.63	2.62
Average family size	3.36	3.65	3.24
<b>MARITAL STATUS</b>			
Population 15 years and over	584,366	156,772	390,089
Now married, except separated	46.2%	32.1%	51.9%
Widowed	7.0%	6.4%	7.6%
Divorced	13.2%	11.6%	14.7%
Separated	2.3%	3.5%	1.7%
Never married	31.2%	46.4%	24.2%
Male 15 years and over	276,153	70,276	186,938
Now married, except separated	48.7%	35.4%	54.1%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Widowed	3.2%	2.2%	3.7%
Divorced	11.9%	11.2%	13.1%
Separated	1.8%	2.8%	1.3%
Never married	34.4%	48.4%	27.7%
Female 15 years and over	308,213	86,496	203,151
Now married, except separated	44.0%	29.5%	49.8%
Widowed	10.5%	9.7%	11.1%
Divorced	14.4%	11.9%	16.1%
Separated	2.7%	4.0%	2.0%
Never married	28.4%	44.8%	21.0%
<b>SCHOOL ENROLLMENT</b>			
Population 3 years and over enrolled in school	156,759	51,255	91,237
Nursery school, preschool	4.3%	4.7%	4.0%
Kindergarten	6.2%	4.7%	7.0%
Elementary school (grades 1-8)	44.8%	48.1%	44.4%
High school (grades 9-12)	23.9%	24.0%	22.5%
College or graduate school	20.8%	18.4%	22.2%
Male 3 years and over enrolled in school	76,847	26,048	43,583
Percent enrolled in kindergarten to grade 12	79.0%	82.2%	77.6%
Percent enrolled in college or graduate school	15.9%	12.8%	17.4%
Female 3 years and over enrolled in school	79,912	25,207	47,654
Percent enrolled in kindergarten to grade 12	71.0%	71.2%	70.4%
Percent enrolled in college or graduate school	25.6%	24.2%	26.6%
<b>EDUCATIONAL ATTAINMENT</b>			
Population 25 years and over	498,018	129,445	339,778
Less than high school diploma	11.8%	12.7%	10.3%
High school graduate (includes equivalency)	33.6%	42.1%	31.2%
Some college or associate's degree	29.6%	27.5%	30.9%
Bachelor's degree	16.1%	10.9%	18.1%
Graduate or professional degree	8.9%	6.8%	9.6%
High school graduate or higher	88.2%	87.3%	89.7%
Male, high school graduate or higher	86.3%	85.9%	88.4%
Female, high school graduate or higher	89.8%	88.4%	90.9%
Bachelor's degree or higher	25.0%	17.7%	27.7%
Male, bachelor's degree or higher	24.3%	15.5%	27.7%
Female, bachelor's degree or higher	25.5%	19.5%	27.7%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>FERTILITY</b>			
Women 15 to 50 years	162,225	50,700	99,153
Women 15 to 50 years who had a birth in the past 12 months	7,259	3,285	3,622
Unmarried women 15 to 50 years who had a birth in the past 12 months	3,950	2,860	1,035
As a percent of all women with a birth in the past 12 months	54.4%	87.1%	28.6%
<b>RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS</b>			
Population 30 years and over	450,801	113,686	311,720
Grandparents living with grandchild(ren)	5.5%	7.3%	5.1%
Grandparents responsible for grandchildren as a percentage of living with grandchildren	49.1%	59.0%	44.4%
<b>VETERAN STATUS</b>			
Civilian population 18 years and over	555,386	148,483	373,285
Civilian veteran	9.5%	7.6%	10.5%
<b>DISABILITY STATUS</b>			
Total civilian noninstitutionalized population	707,906	199,583	460,813
With a disability	13.9%	11.7%	15.3%
Civilian noninstitutionalized population under 18 years	161,230	54,828	92,428
With a disability	3.8%	4.4%	3.5%
Civilian noninstitutionalized population 18 to 64 years	418,008	118,375	270,327
With a disability	11.6%	11.1%	11.8%
Civilian noninstitutionalized population 65 years and older	128,668	26,380	98,058
With a disability	34.2%	29.4%	36.1%
<b>RESIDENCE 1 YEAR AGO</b>			
Population 1 year and over	710,884	201,175	462,481
Same house	88.5%	89.3%	88.8%
Different house in the U.S.	11.4%	10.7%	11.1%
Same county	8.0%	8.4%	7.3%
Different county	3.4%	2.3%	3.8%
Same state	1.6%	1.6%	1.6%
Different state	1.8%	0.7%	2.2%
Abroad	0.1%	0.0%	0.1%
<b>PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY</b>			
Native	694,841	201,572	461,308
Male	48.2%	47.5%	48.4%
Female	51.8%	52.5%	51.6%
Foreign born	22,597	1,822	5,127
Male	48.8%	41.1%	53.5%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female	51.2%	58.9%	46.5%
Foreign born; naturalized U.S. citizen	11,233	844	3,351
Male	41.2%	38.6%	61.2%
Female	58.8%	61.4%	38.8%
Foreign born; not a U.S. citizen	11,364	978	1,776
Male	56.3%	43.3%	38.8%
Female	43.7%	56.7%	61.2%
Population born outside the United States	22,597	1,822	5,127
Entered 2010 or later	30.7%	54.1%	20.1%
Entered 2000 to 2009	33.3%	22.7%	30.4%
Entered before 2000	36.0%	23.2%	49.5%
<b>WORLD REGION OF BIRTH OF FOREIGN BORN</b>			
Foreign-born population excluding population born at sea	22,597	1,822	5,127
Europe	14.5%	N	N
Asia	29.5%	N	N
Africa	6.1%	N	N
Oceania	0.8%	N	N
Latin America	47.3%	N	N
Northern America	1.8%	N	N
<b>LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH</b>			
Population 5 years and over	674,348	188,650	442,038
English only	95.8%	98.6%	98.7%
Language other than English	4.2%	1.4%	1.3%
Speak English less than "very well"	1.7%	0.3%	0.5%
<b>EMPLOYMENT STATUS</b>			
Population 16 years and over	575,641	153,700	385,630
In labor force	56.2%	57.8%	55.1%
Civilian labor force	56.1%	57.8%	55.0%
Employed	52.9%	51.8%	52.8%
Unemployed	3.2%	6.0%	2.1%
Unemployment Rate	5.7%	10.4%	3.9%
Armed Forces	0.1%	0.0%	0.2%
Not in labor force	43.8%	42.2%	44.9%
Females 16 years and over	303,708	85,362	200,666
In labor force	51.2%	57.4%	48.1%
Civilian labor force	51.2%	57.4%	48.1%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Employed	48.3%	51.8%	46.0%
Unemployed	2.9%	5.6%	2.0%
Unemployment Rate	5.7%	9.7%	4.2%
<b>COMMUTING TO WORK</b>			
Workers 16 years and over	301,308	78,453	201,778
Car, truck, or van - drove alone	85.2%	84.0%	86.5%
Car, truck, or van - carpooled	8.2%	9.6%	7.1%
Public transportation (excluding taxicab)	0.4%	1.0%	0.2%
Walked	0.8%	1.4%	0.7%
Other means	1.6%	0.9%	1.8%
Worked from home	3.8%	3.1%	3.7%
Mean travel time to work (minutes)	25.0	22.5	26.1
<b>OCCUPATION</b>			
Civilian employed population 16 years and over	304,338	79,565	203,696
Management, business, science, and arts occupations	35.2%	27.1%	39.3%
Service occupations	17.5%	23.3%	14.7%
Sales and office occupations	21.8%	21.3%	22.4%
Natural resources, construction, and maintenance occupations	10.5%	7.2%	11.0%
Production, transportation, and material moving occupations	15.1%	21.1%	12.7%
Male civilian employed population 16 years and over	157,724	35,363	111,297
Management, business, science, and arts occupations	29.5%	21.5%	33.4%
Service occupations	13.6%	15.3%	12.9%
Sales and office occupations	14.8%	14.2%	14.8%
Natural resources, construction, and maintenance occupations	18.8%	14.3%	19.6%
Production, transportation, and material moving occupations	23.3%	34.7%	19.3%
Female civilian employed population 16 years and over	146,614	44,202	92,399
Management, business, science, and arts occupations	41.2%	31.7%	46.3%
Service occupations	21.7%	29.7%	16.8%
Sales and office occupations	29.3%	27.0%	31.4%
Natural resources, construction, and maintenance occupations	1.5%	1.4%	0.6%
Production, transportation, and material moving occupations	6.3%	10.2%	4.8%
<b>INDUSTRY</b>			
Civilian employed population 16 years and over	304,338	79,565	203,696
Agriculture, forestry, fishing and hunting, and mining	1.4%	0.2%	1.7%
Construction	8.8%	5.2%	9.5%
Manufacturing	10.9%	12.5%	9.6%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Wholesale trade	2.4%	1.7%	2.9%
Retail trade	13.0%	14.6%	12.6%
Transportation and warehousing, and utilities	5.6%	6.9%	5.4%
Information	1.0%	0.1%	1.3%
Finance and insurance, and real estate and rental and leasing	5.7%	2.1%	6.8%
Professional, scientific, and management, and administrative and waste managemen	9.0%	8.5%	9.7%
Educational services, and health care and social assistance	22.3%	25.9%	22.0%
Arts, entertainment, and recreation, and accommodation and food services	9.3%	11.6%	7.7%
Other services (except public administration)	5.0%	3.9%	5.6%
Public administration	5.6%	6.8%	5.1%
<b>CLASS OF WORKER</b>			
Civilian employed population 16 years and over	304,338	79,565	203,696
Private wage and salary workers	78.7%	81.5%	78.1%
Government workers	15.7%	16.9%	15.8%
Self-employed workers in own not incorporated business	5.4%	1.6%	5.9%
Unpaid family workers	0.2%	0.1%	0.2%
<b>INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)</b>			
Households	268,033	73,945	180,156
Median household income (dollars)	50,663	35,397	60,482
With earnings	70.4%	68.6%	70.6%
Mean earnings (dollars)	71,071	46,630	82,338
With Social Security income	37.4%	33.6%	39.8%
Mean Social Security income (dollars)	19,902	16,821	21,031
With Supplemental Security Income	5.9%	10.8%	3.9%
Mean Supplemental Security Income (dollars)	9,084	8,942	9,293
With cash public assistance income	0.8%	0.9%	0.8%
Mean cash public assistance income (dollars)	2,247	3,017	2,038
With retirement income	27.1%	23.0%	29.6%
Mean retirement income (dollars)	25,028	23,114	26,073
With Food Stamp/SNAP benefits	11.8%	26.0%	6.3%
Families	172,441	43,036	120,688
Median family income (dollars)	62,805	45,982	73,907
Married-couple family	71.7%	49.5%	79.2%
Median income (dollars)	78,497	60,863	84,911
Male householder, no spouse present, family	6.7%	8.0%	6.1%
Median income (dollars)	42,416	34,396	45,519

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female householder, no husband present, family	21.7%	42.6%	14.7%
Median income (dollars)	33,937	28,656	39,485
Individuals	717,438	203,394	466,435
Per capita income (dollars)	27,463	18,406	32,185
With earnings for full-time, year-round workers:			
Male	127,508	28,363	91,523
Female	102,739	31,945	63,969
Mean earnings (dollars) for full-time, year-round workers:			
Male	61,608	42,922	69,025
Female	44,522	33,909	49,346
Median earnings (dollars) full-time, year-round workers:			
Male	47,929	36,365	52,150
Female	36,476	29,138	41,296
<b>HEALTH INSURANCE COVERAGE</b>			
Civilian noninstitutionalized population	707,906	199,583	460,813
With private health insurance	63.7%	51.0%	69.7%
With public coverage	39.0%	46.7%	36.4%
No health insurance coverage	10.2%	11.7%	8.8%
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>			
All families	11.1%	20.5%	7.4%
With related children of the householder under 18 years	19.0%	33.5%	12.1%
With related children of the householder under 5 years only	21.8%	40.7%	14.5%
Married-couple family	4.3%	6.4%	3.6%
With related children of the householder under 18 years	6.7%	12.2%	4.5%
With related children of the householder under 5 years only	7.8%	N	N
Female householder, no spouse present, family	27.7%	34.0%	20.6%
With related children of the householder under 18 years	38.2%	45.6%	30.4%
With related children of the householder under 5 years only	45.1%	56.8%	38.2%
All people	15.4%	24.3%	11.0%
Under 18 years	22.4%	37.3%	13.8%
Related children of the householder under 18 years	22.2%	37.2%	13.4%
Related children of the householder under 5 years	27.1%	45.6%	17.0%
Related children of the householder 5 to 17 years	20.4%	34.1%	12.1%
18 years and over	13.4%	19.4%	10.3%
18 to 64 years	14.4%	20.0%	11.1%
65 years and over	10.2%	17.0%	7.9%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
People in families	12.7%	22.4%	8.2%
Unrelated individuals 15 years and over	27.8%	32.7%	24.2%
<b>HOUSING TENURE</b>			
Occupied housing units	268,033	73,945	180,156
Owner-occupied housing units	69.1%	49.3%	77.2%
Renter-occupied housing units	30.9%	50.7%	22.8%
Average household size of owner-occupied unit	2.73	2.84	2.69
Average household size of renter-occupied unit	2.40	2.42	2.38
<b>UNITS IN STRUCTURE</b>			
Occupied housing units	268,033	73,945	180,156
1-unit, detached or attached	75.4%	70.0%	78.9%
2 to 4 units	3.3%	5.1%	2.5%
5 or more units	10.8%	17.3%	8.1%
Mobile home, boat, RV, van, etc.	10.5%	7.5%	10.6%
<b>YEAR STRUCTURE BUILT</b>			
Occupied housing units	268,033	73,945	180,156
Built 2014 or later	5.3%	3.2%	5.9%
Built 2010 to 2013	3.3%	3.0%	3.2%
Built 2000 to 2009	15.2%	8.1%	18.1%
Built 1980 to 1999	33.9%	29.6%	35.2%
Built 1960 to 1979	27.8%	37.5%	24.2%
Built 1940 to 1959	10.8%	15.9%	9.0%
Built 1939 or earlier	3.8%	2.7%	4.3%
<b>VEHICLES AVAILABLE</b>			
Occupied housing units	268,033	73,945	180,156
None	6.0%	13.4%	3.1%
1 or more	94.0%	86.6%	96.9%
<b>HOUSE HEATING FUEL</b>			
Occupied housing units	268,033	73,945	180,156
Gas	27.6%	38.5%	23.6%
Electricity	70.9%	60.9%	74.6%
All other fuels	0.9%	0.2%	1.1%
No fuel used	0.6%	0.4%	0.7%
<b>SELECTED CHARACTERISTICS</b>			
Occupied housing units	268,033	73,945	180,156
No telephone service available	2.3%	5.3%	0.9%

	All Persons	Black or African American alone or in combination	White alone, not Hispanic or Latino
	Estimate	Estimate	Estimate
1.01 or more occupants per room	1.2%	1.4%	0.8%
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Housing units with a mortgage (excluding units where SMOC cannot be computed)	102,458	18,468	78,198
Less than 30 percent	76.3%	65.2%	80.1%
30 percent or more	23.7%	34.8%	19.9%
<b>OWNER CHARACTERISTICS</b>			
Owner-occupied housing units	185,109	36,456	139,104
Median value (dollars)	160,600	93,500	173,900
Median selected monthly owner costs with a mortgage (dollars)	1,220	1,068	1,259
Median selected monthly owner costs without a mortgage (dollars)	365	349	376
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Occupied units paying rent (excluding units where GRAPL cannot be computed)	66,285	28,837	33,832
Less than 30 percent	47.6%	38.4%	54.6%
30 percent or more	52.4%	61.6%	45.4%
<b>GROSS RENT</b>			
Occupied units paying rent	70,269	30,421	35,573
Median gross rent (dollars)	872	783	935
<b>COMPUTERS AND INTERNET USE</b>			
Total households	268,033	73,945	180,156
With a computer	90.0%	84.4%	92.1%
With a broadband Internet subscription	79.6%	65.2%	85.5%

###

# **Exhibit O-1**

## **Selected Socio-Economic Data**

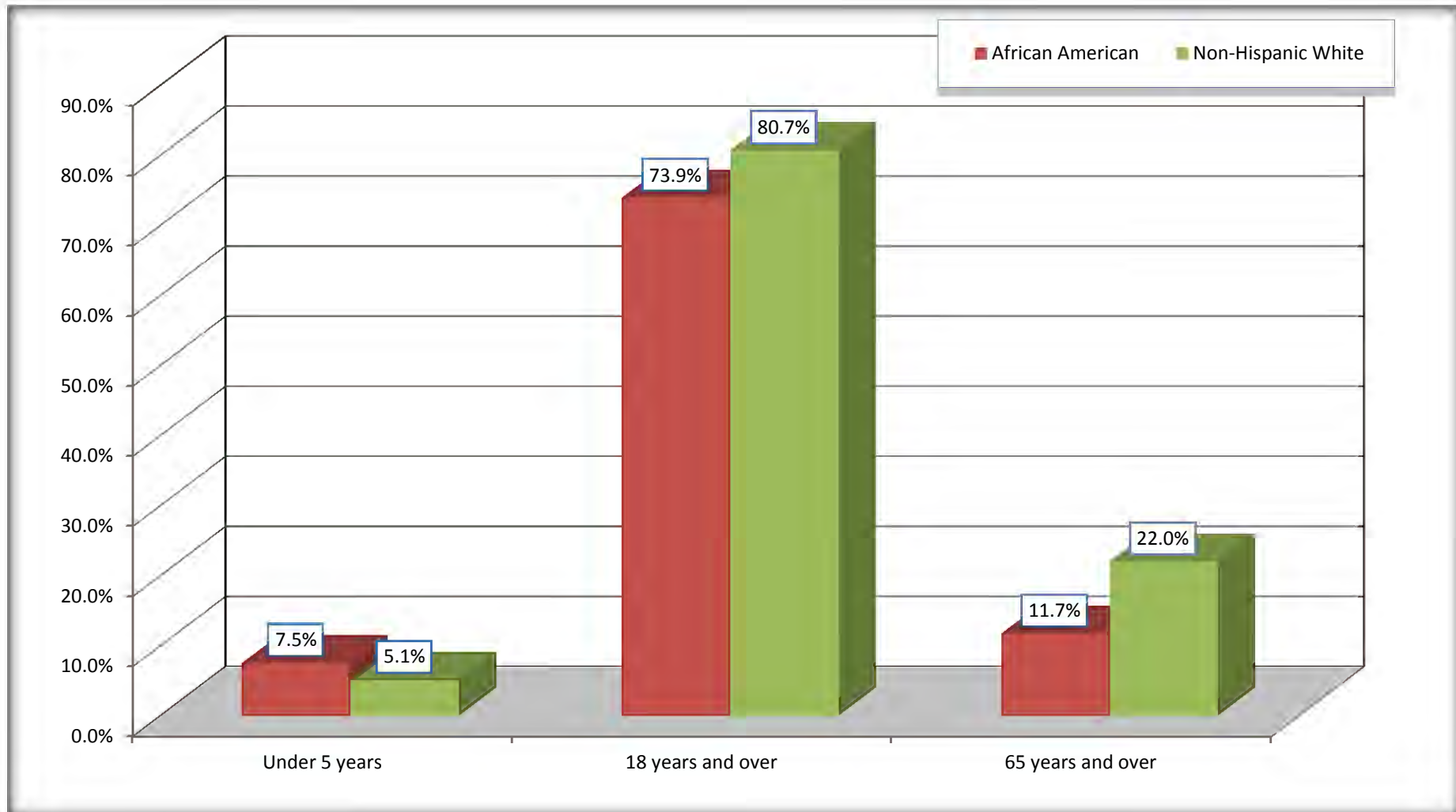
### **Congressional District 2 (116th Congress), Alabama**

**Any Part African American vis-à-vis NH White**

**Data Set: 2019 American Community Survey 1-Year Estimates**

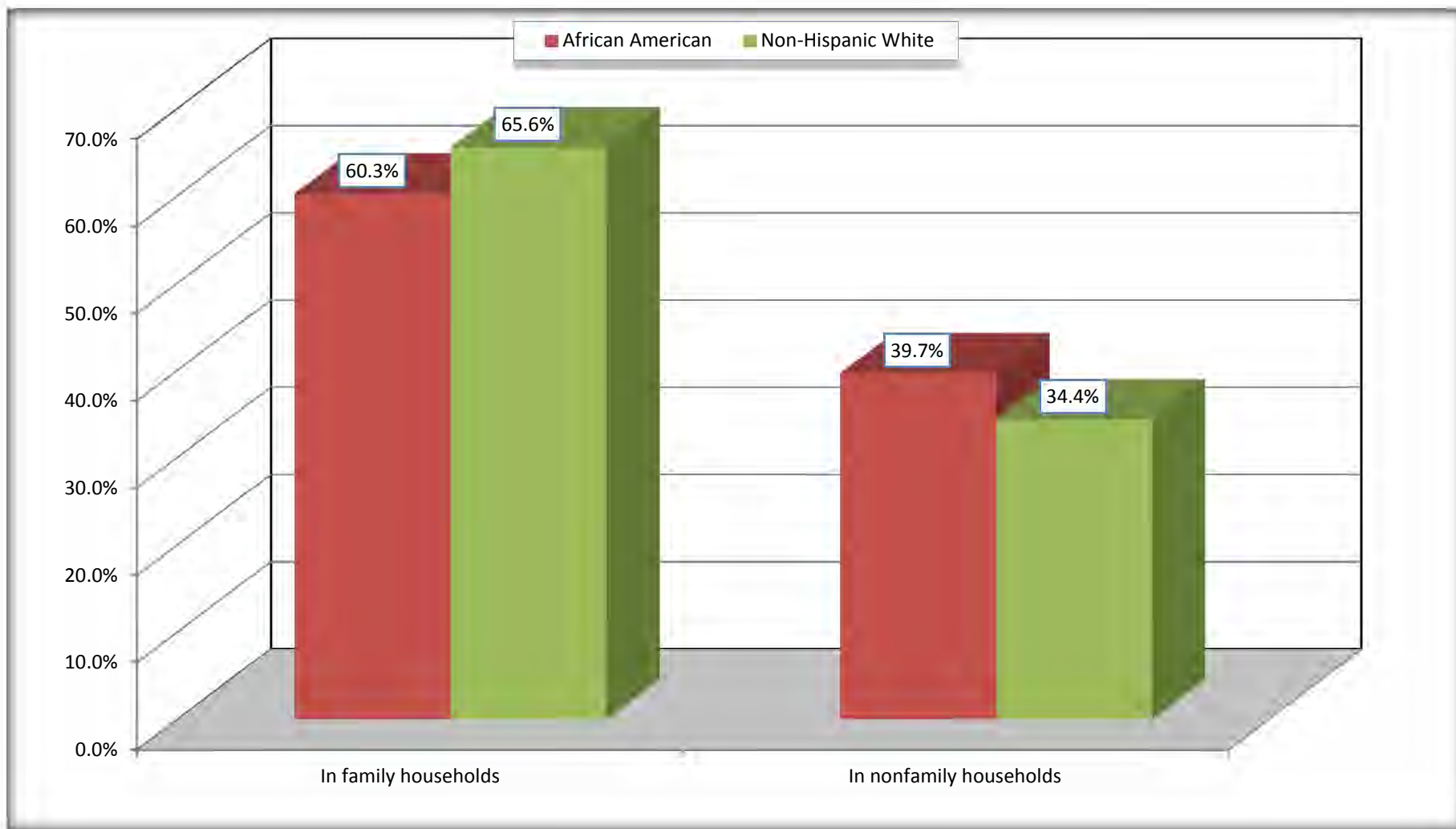
# Population by Age

## Congressional District 2 (116th Congress), Alabama



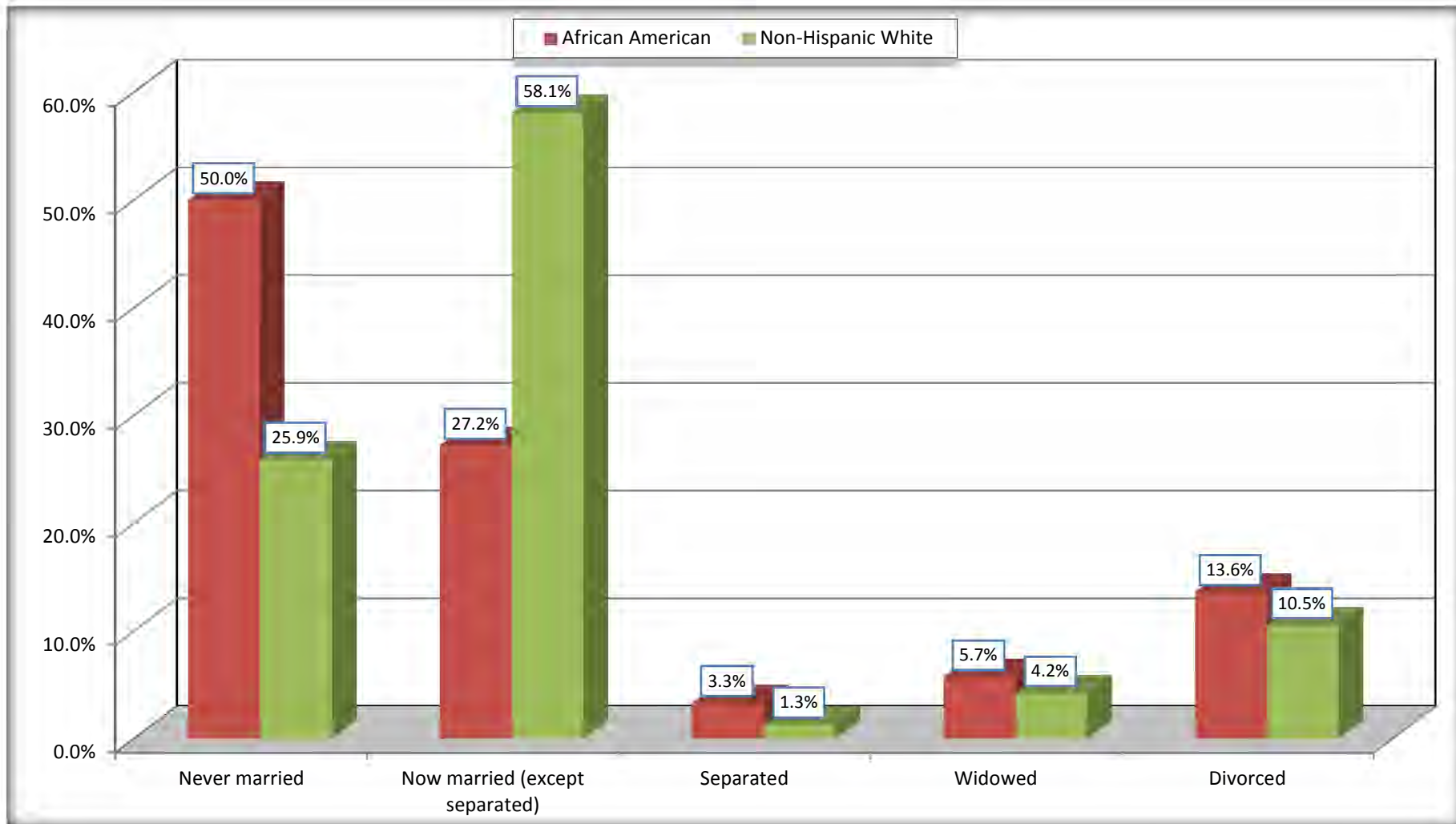
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

### Household Type for Population in Households Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

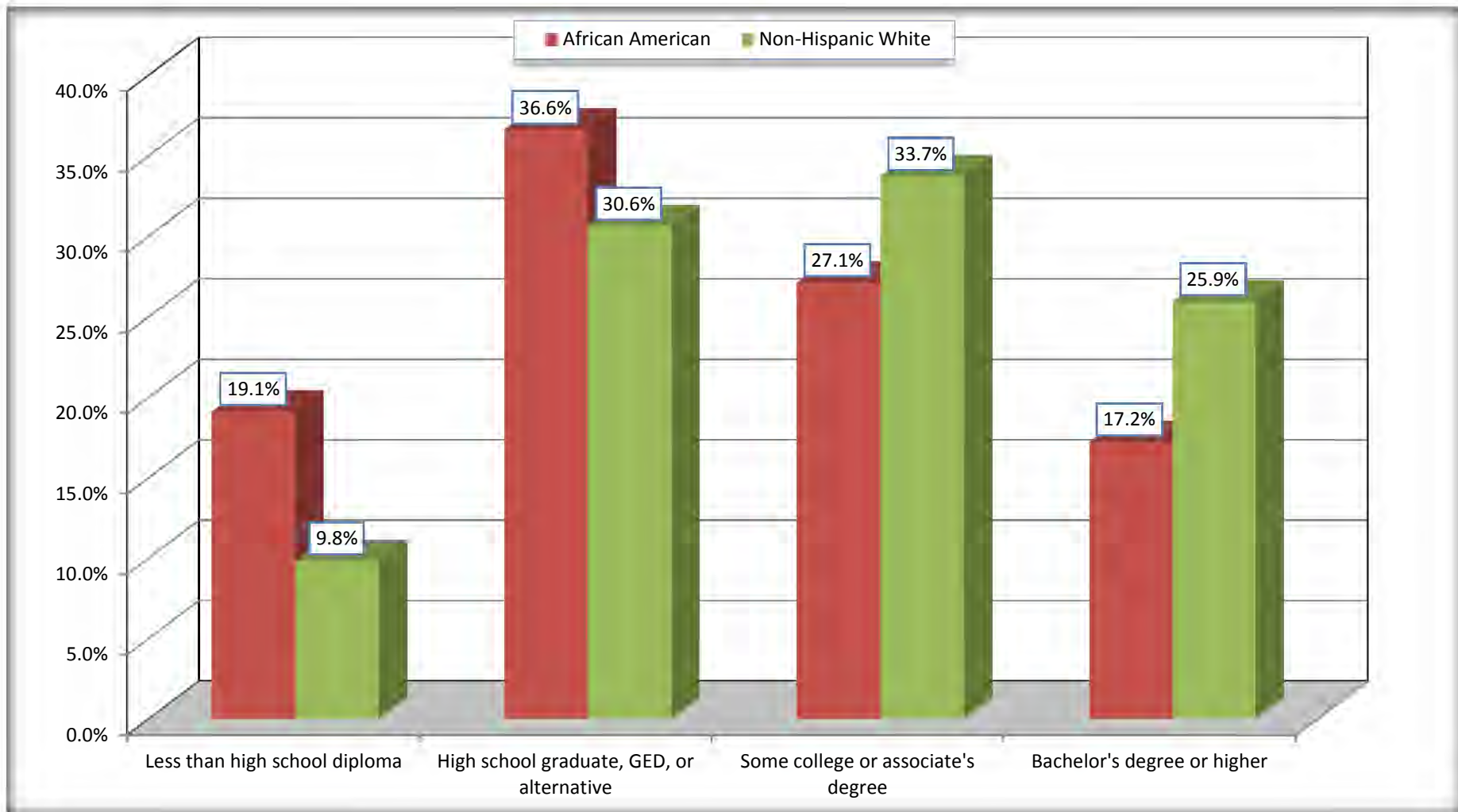
## Marital Status for the Population 15 Years and Over Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

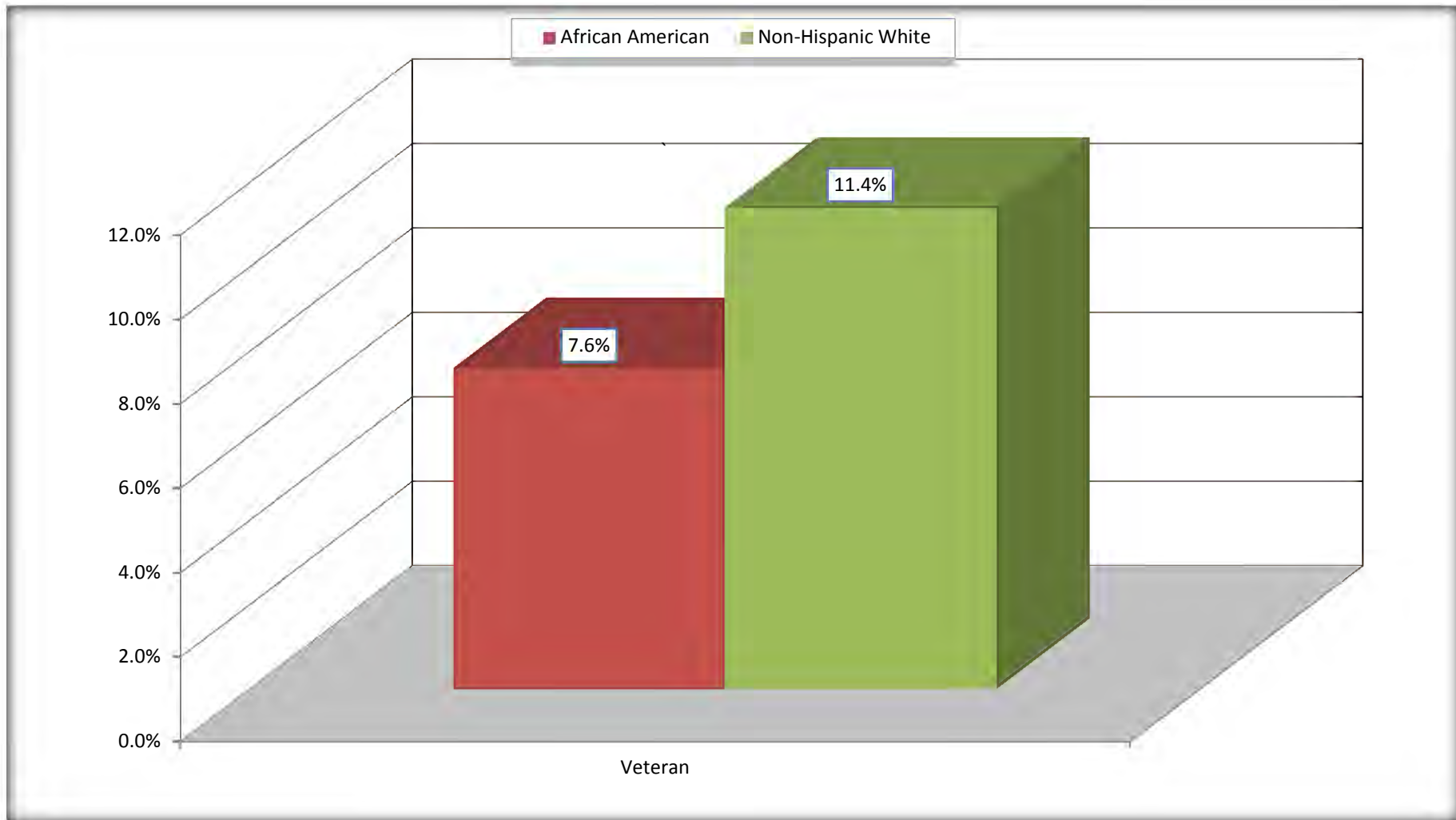
## Educational Attainment for the Population 25 Years and Older

### Congressional District 2 (116th Congress), Alabama



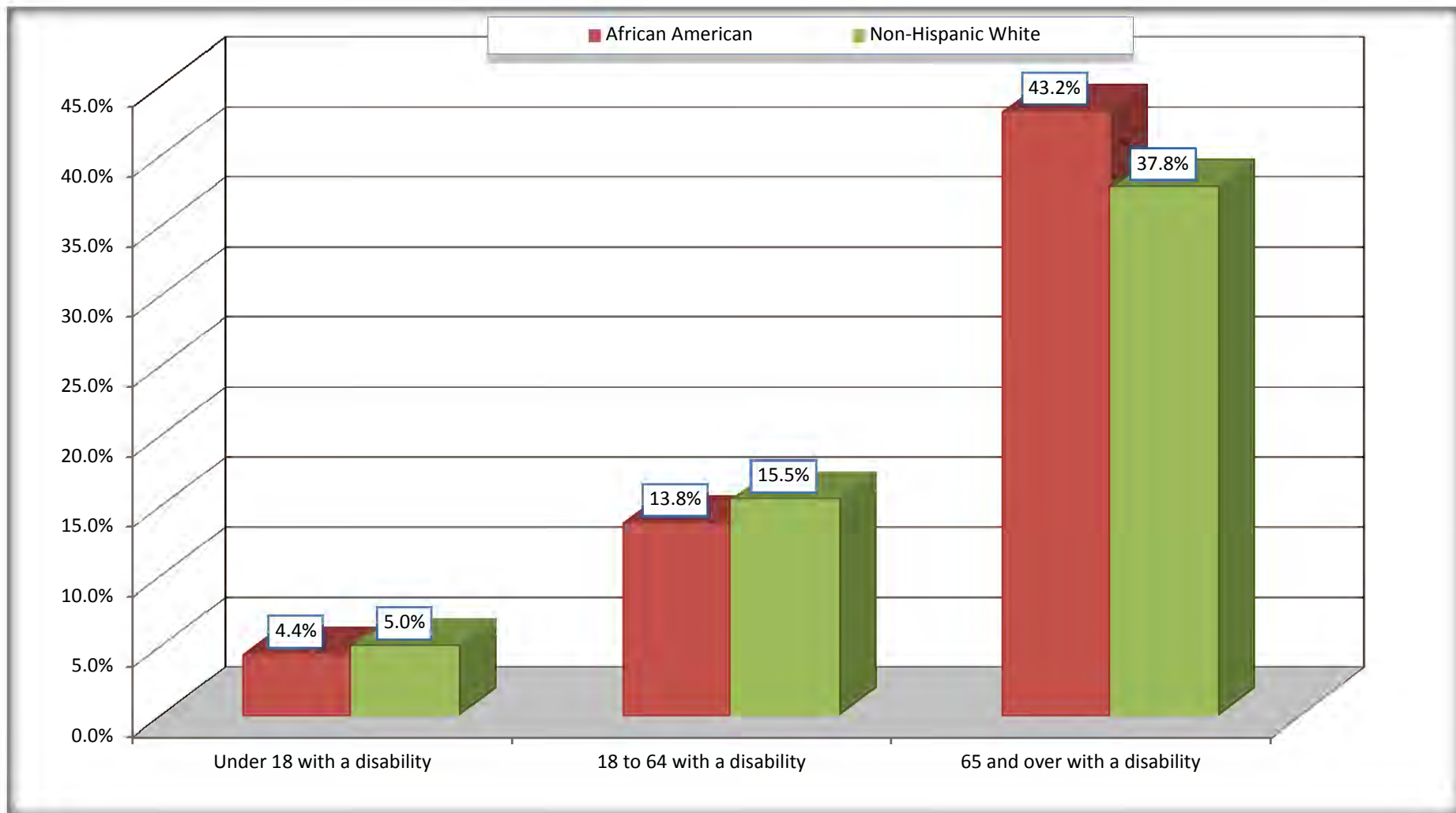
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Veterans in the Civilian Population 18 Years and Over**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

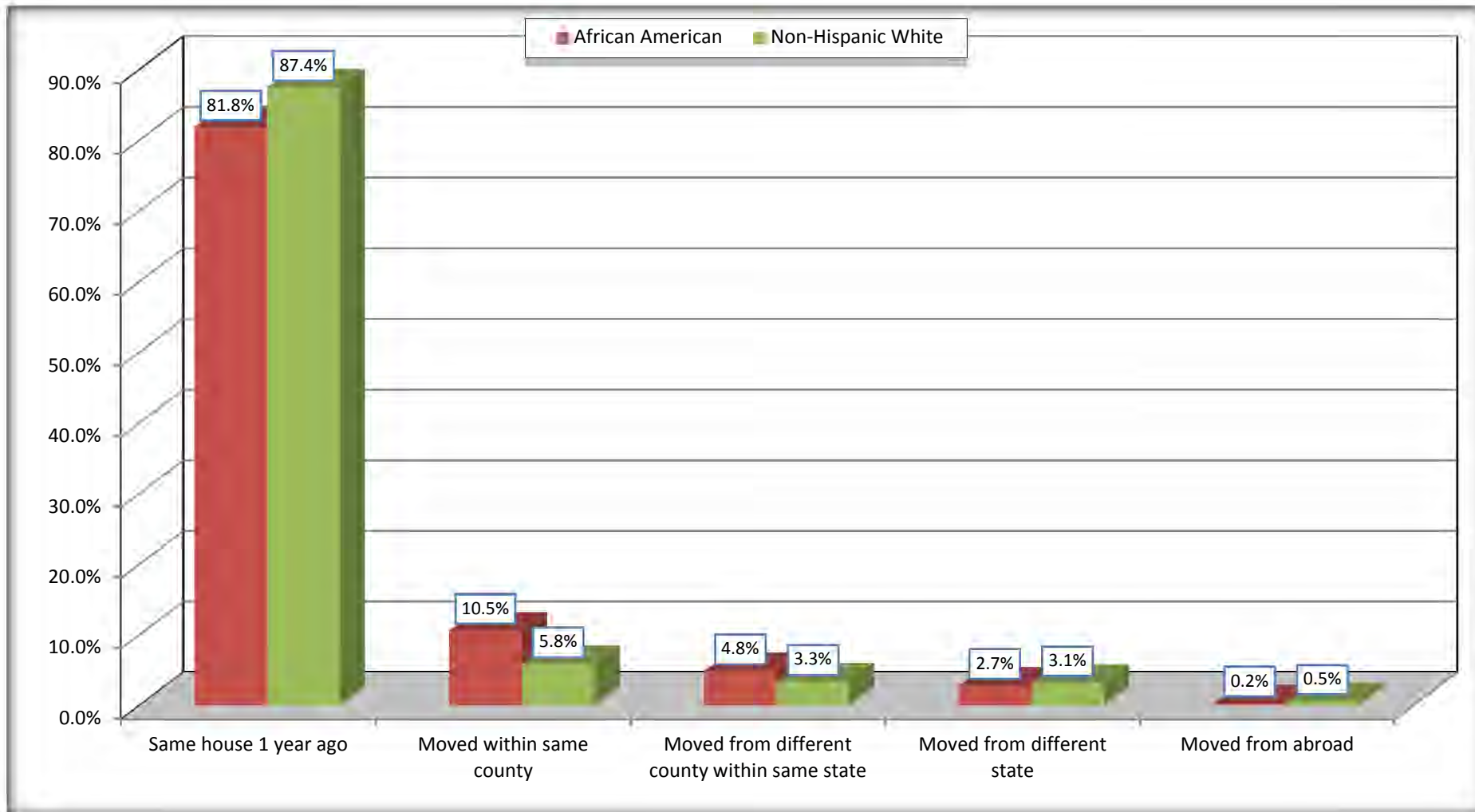
**Disability by Age -- Civilian Noninstitutionalized Population**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Geographical Mobility in the Past Year (Population 1 Year and Over)

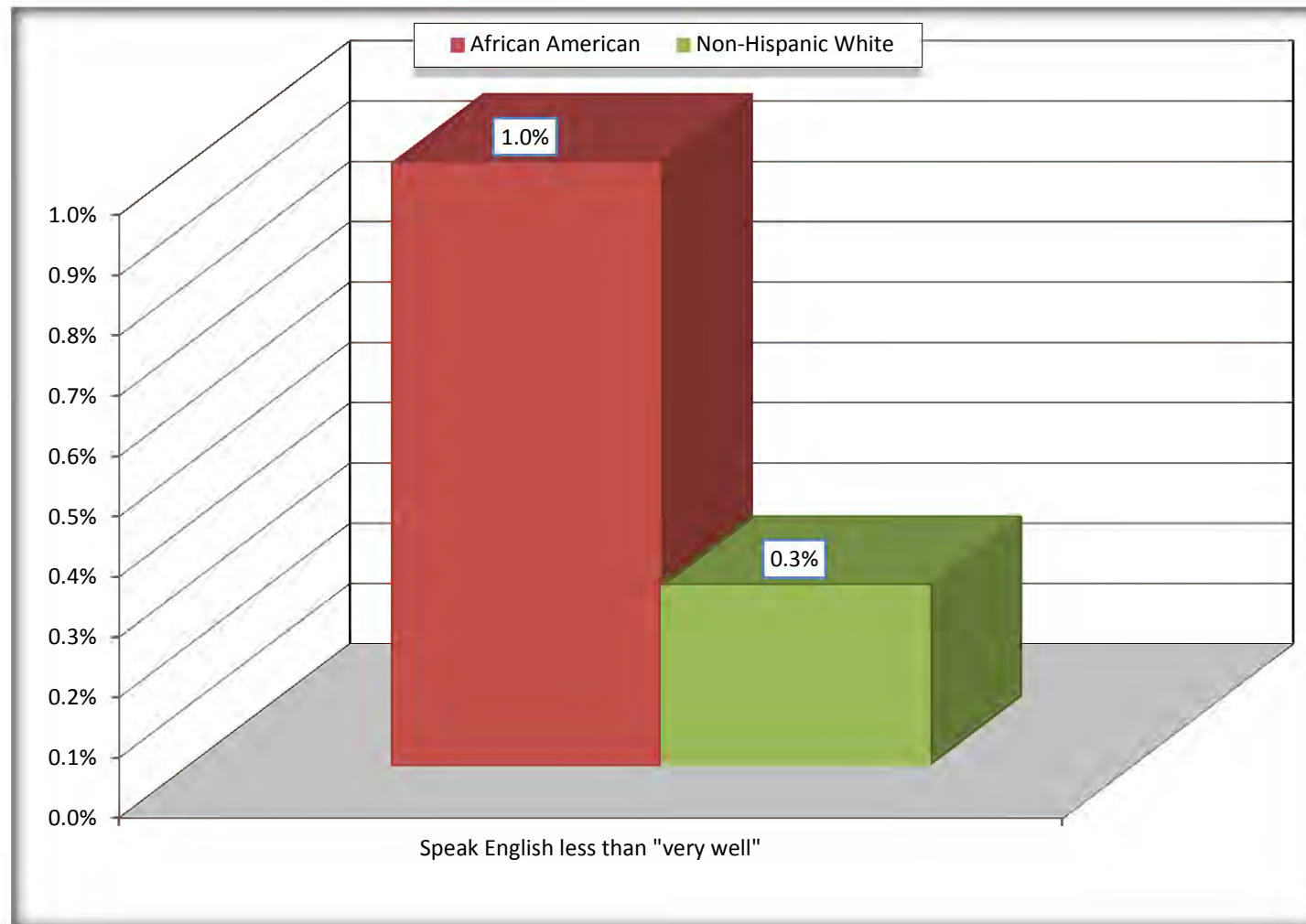
### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Speak English Less than "Very Well" (Population 5 Years and Over)

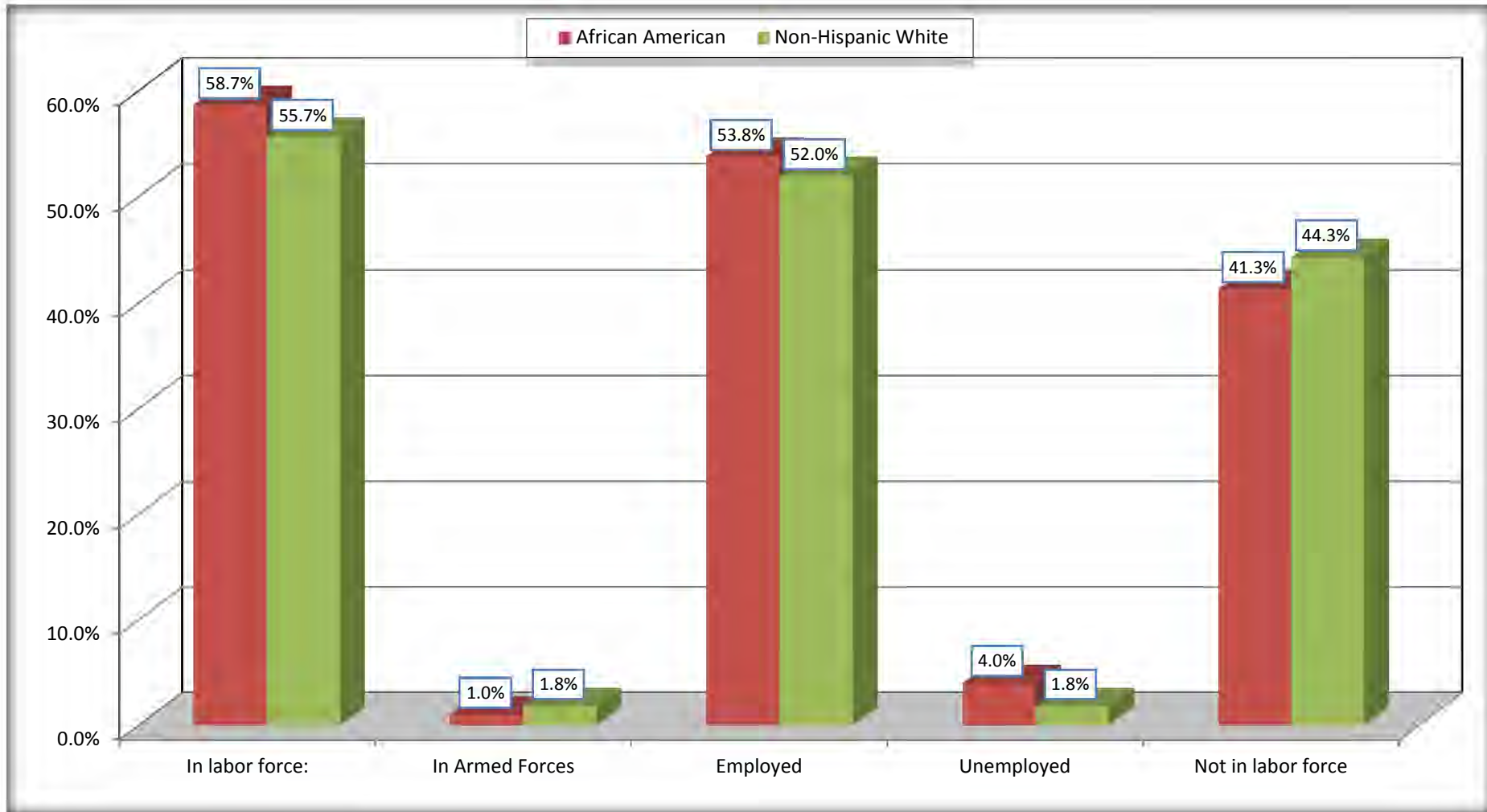
### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

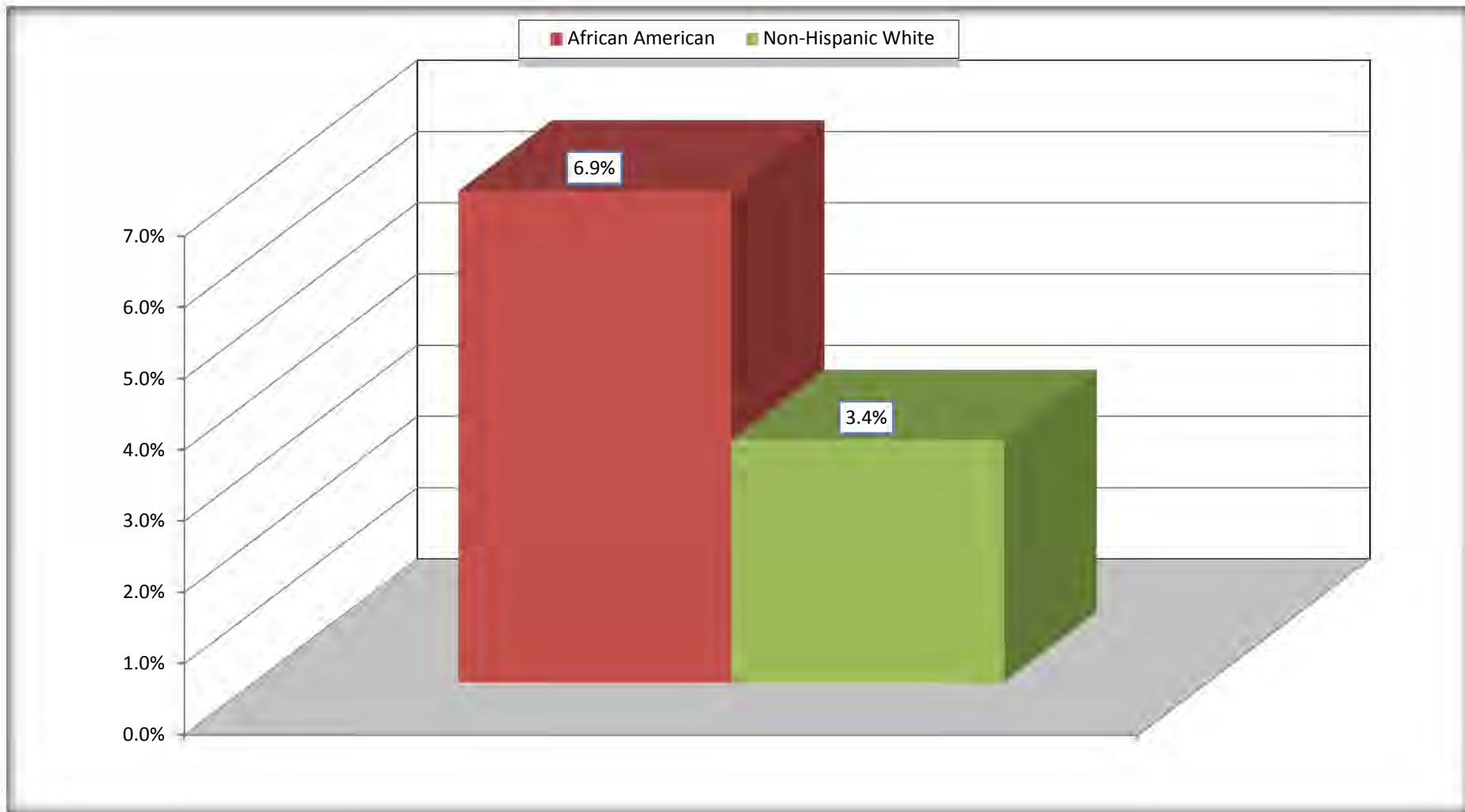
## Employment Status for the Population 16 years and over

### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

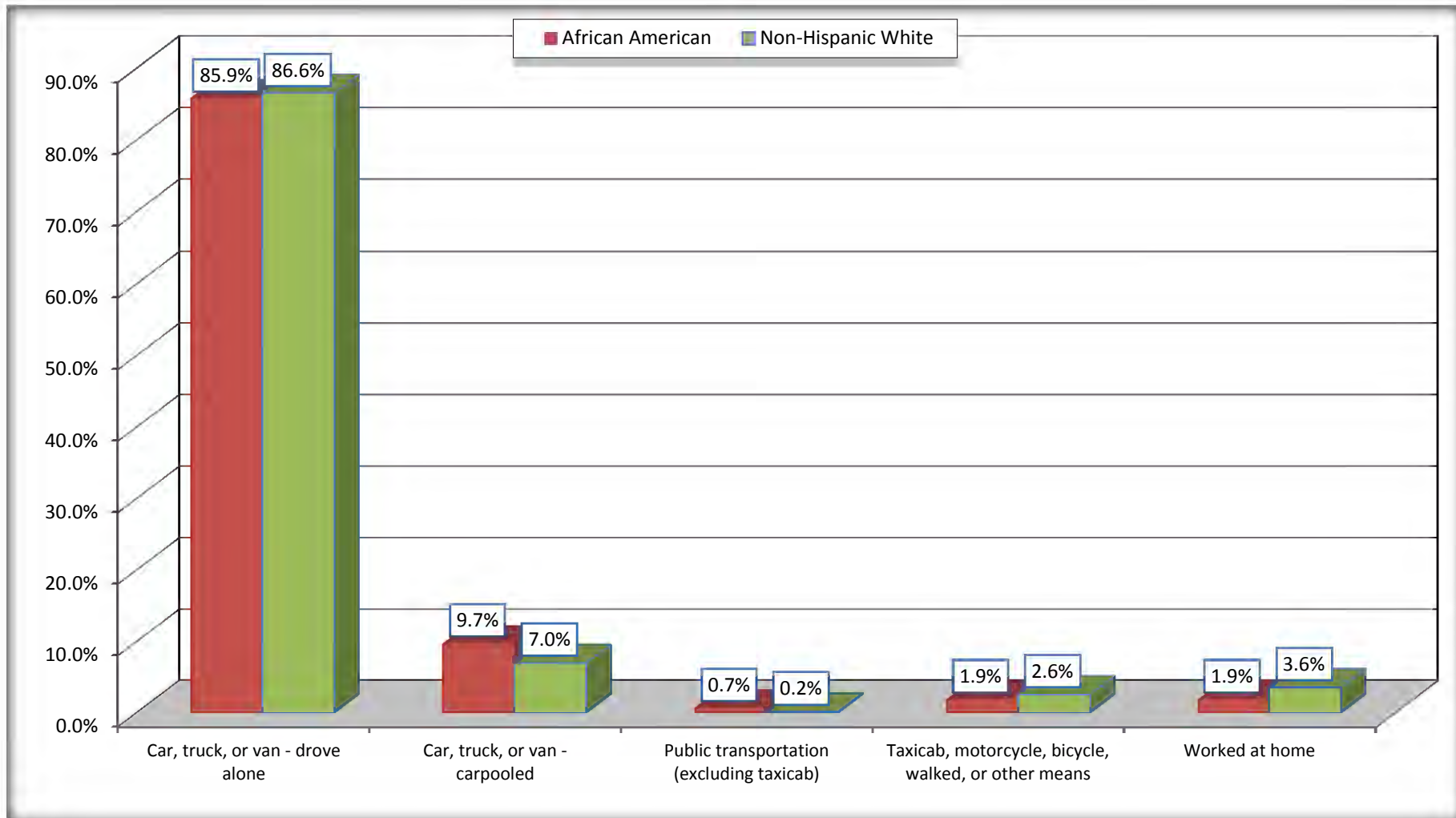
**Unemployment (Civilian Labor Force -- Ages 16 and Over)**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Means of Transportation to Work (Workers 16 Years and Over)

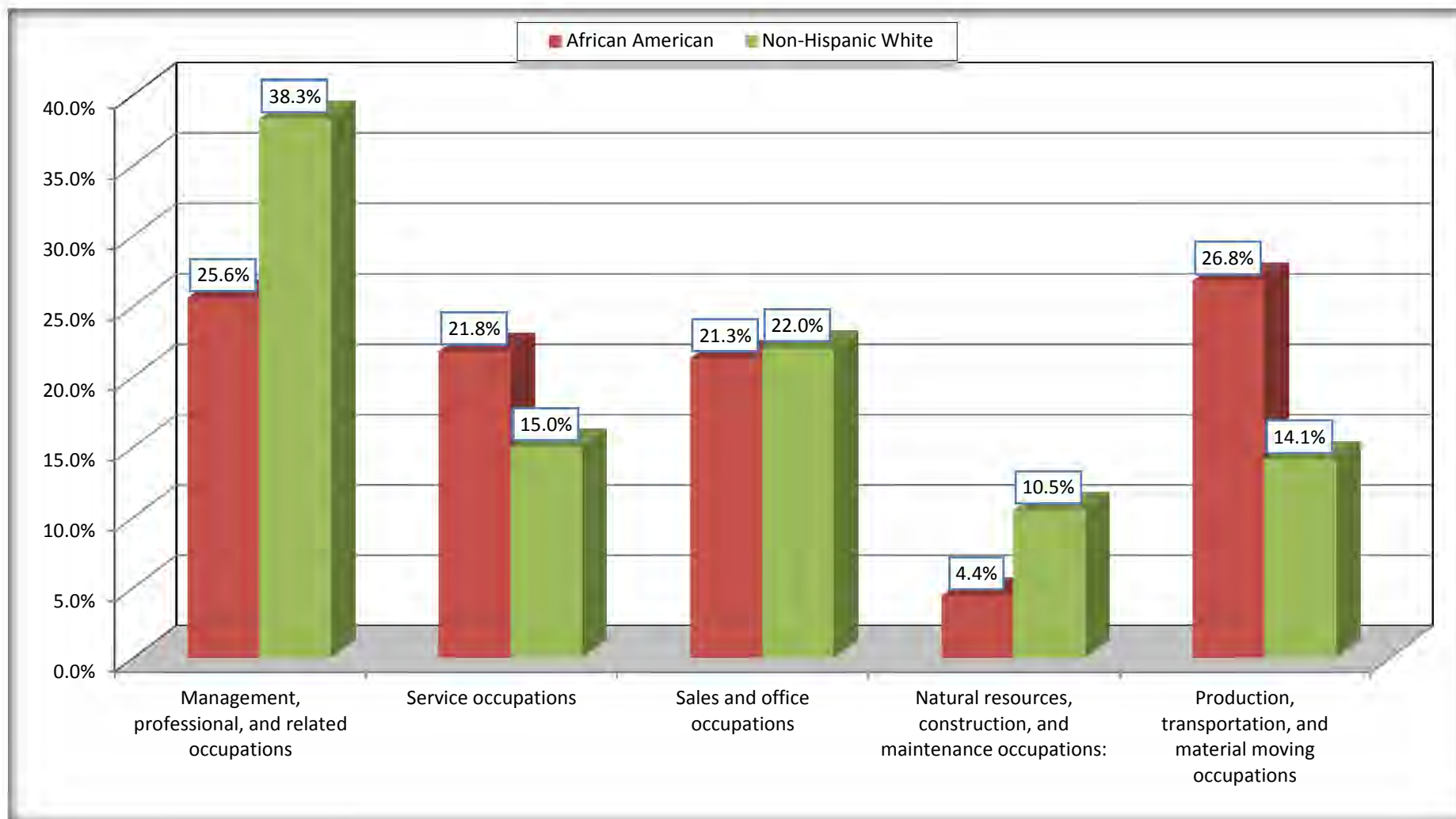
### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

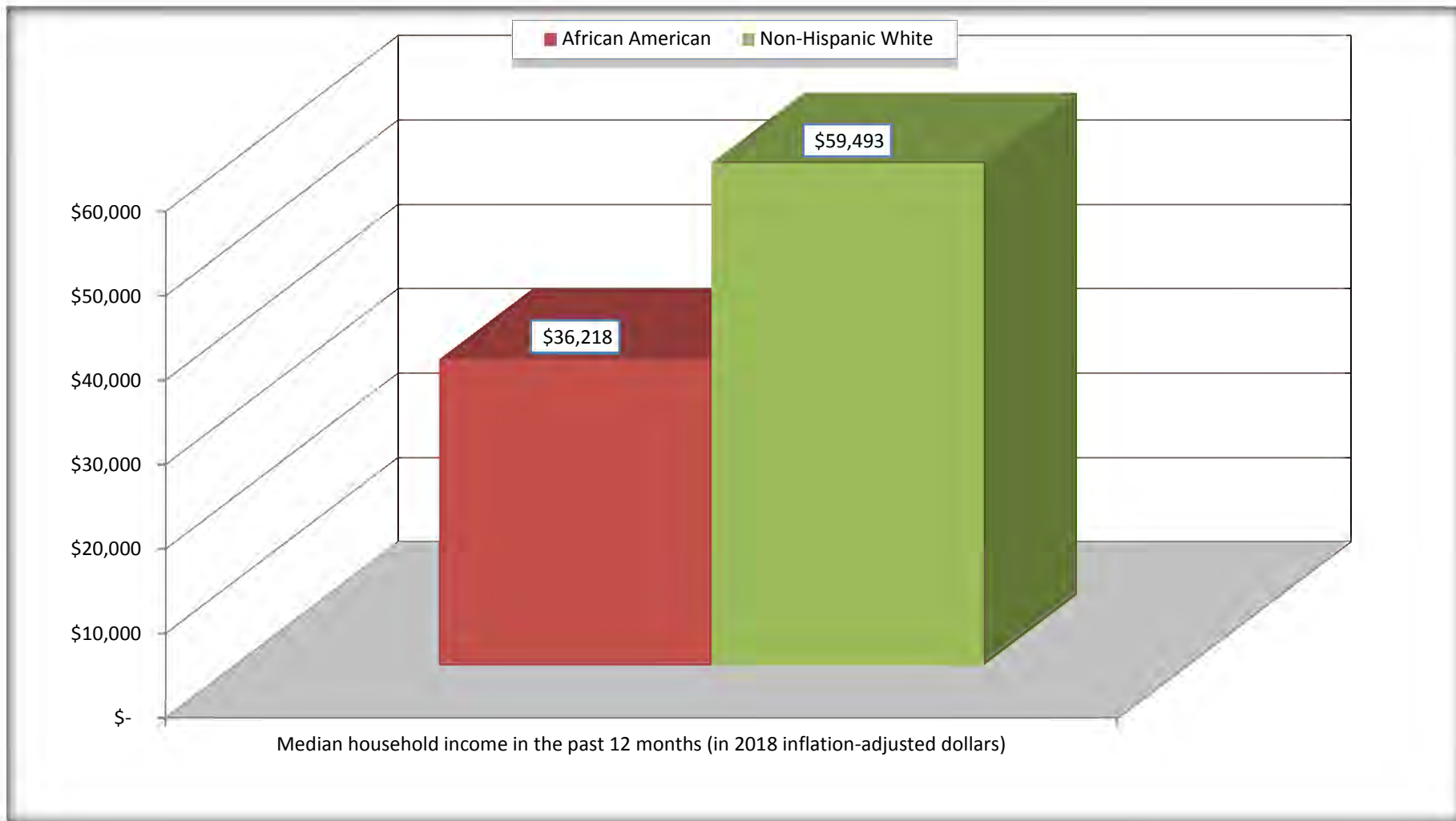
## Occupation for the Civilian Employed 16 Years and Over Population

### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

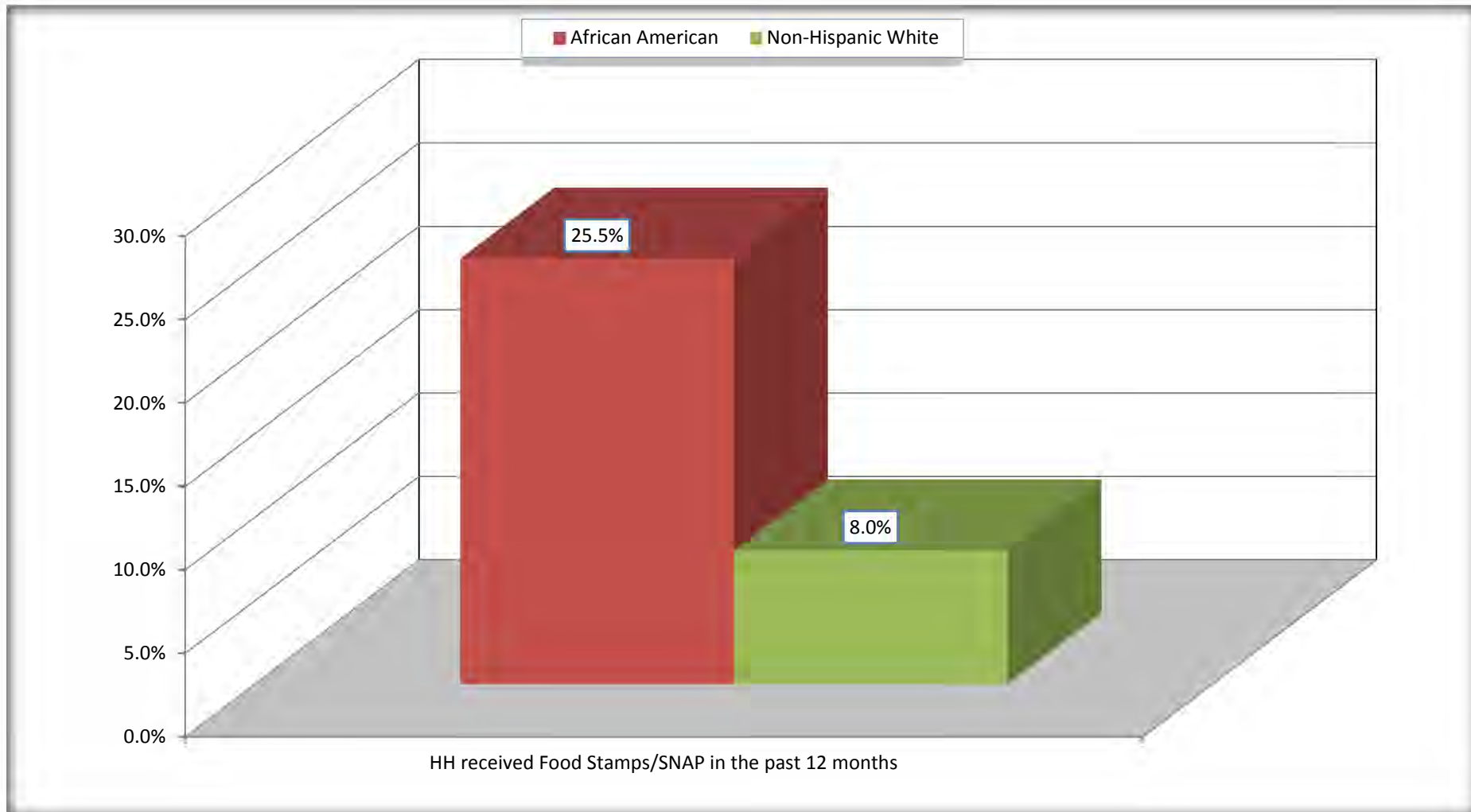
**Median Household Income in the Past 12 Months**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Receipt of Food Stamps/SNAP in the Past 12 Months by Household

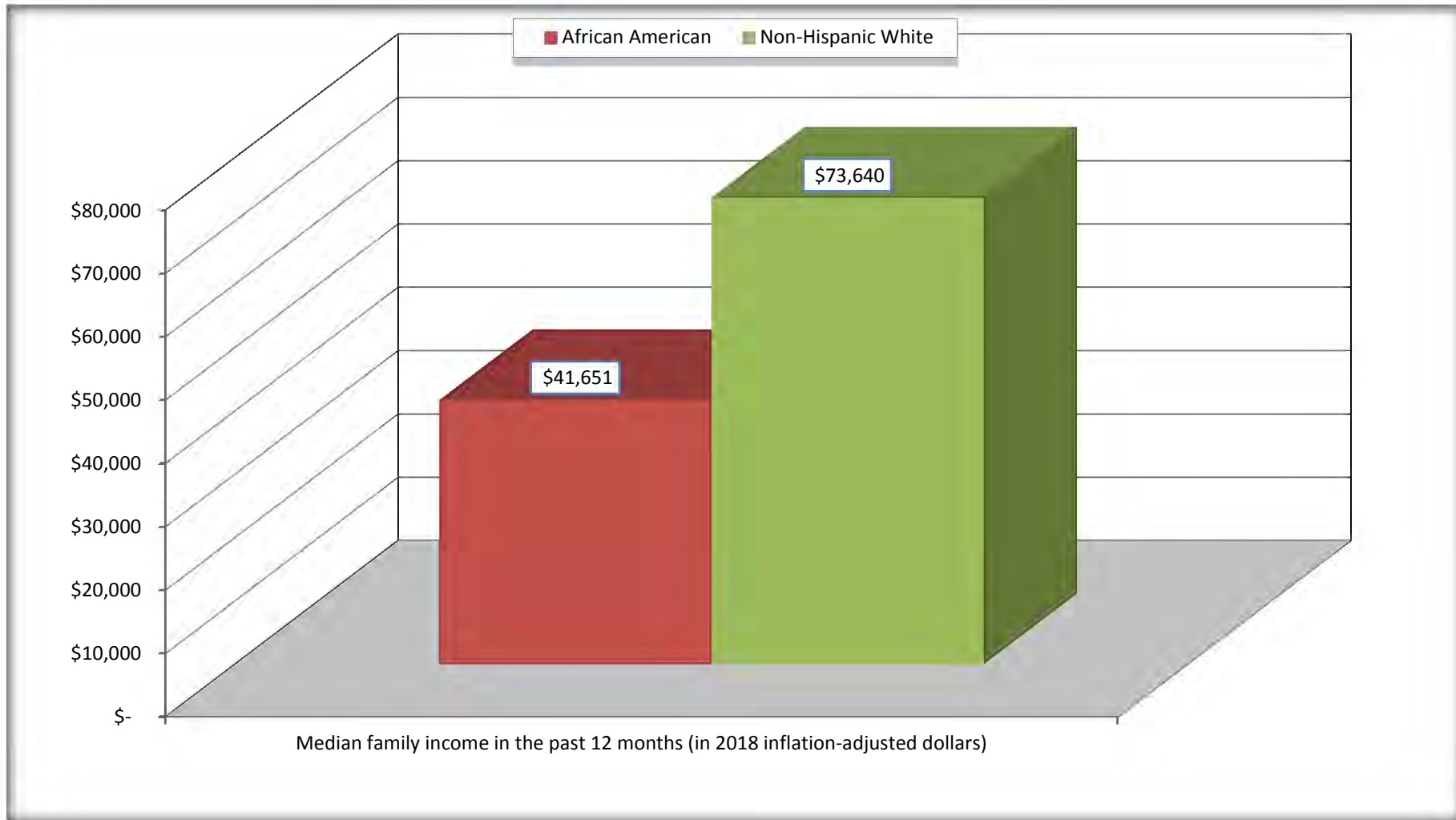
### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

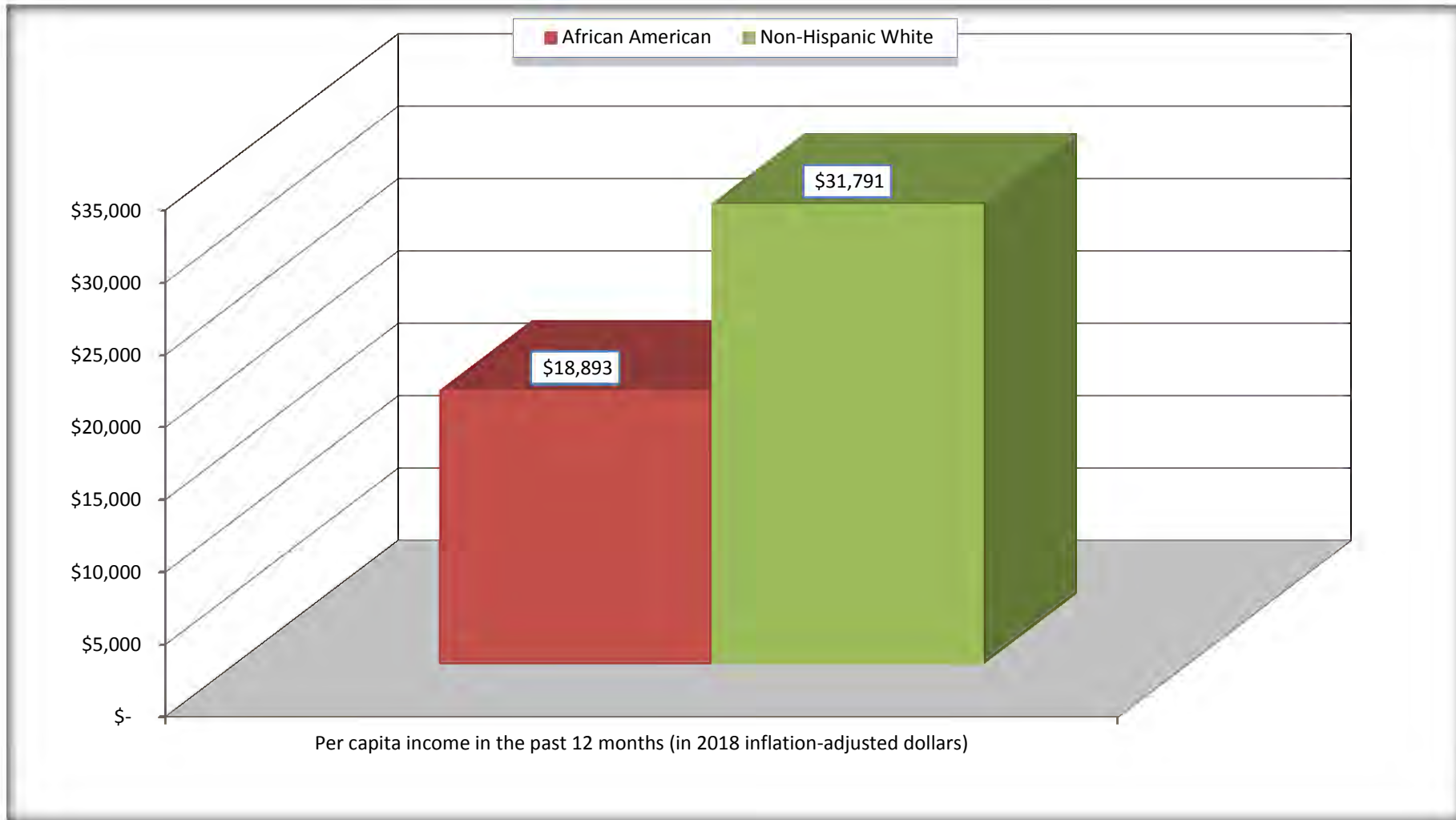
## Median Family Income in the Past 12 Months

### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

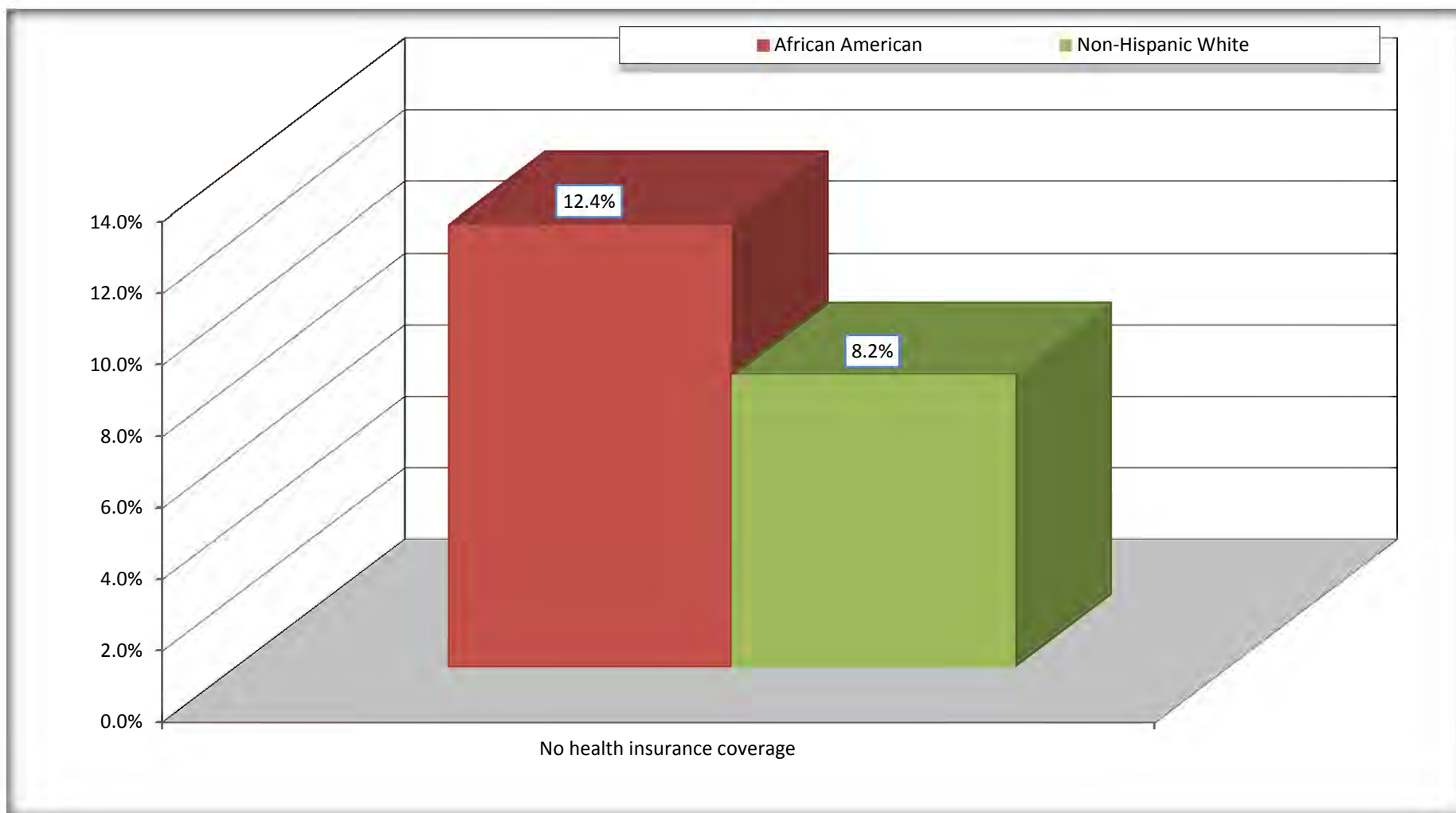
# **Per capita Income in the Past 12 Months** **Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

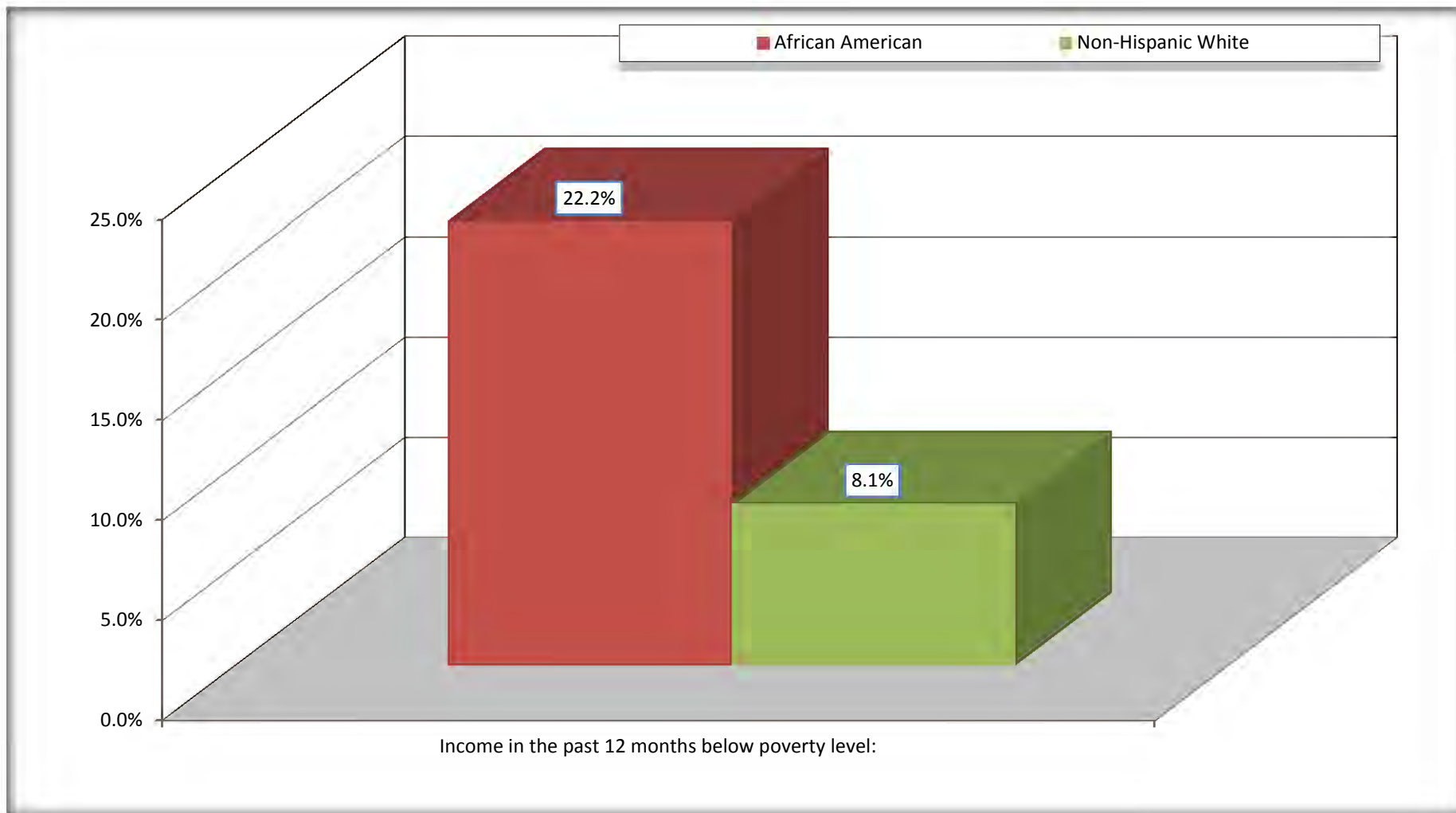
## Lack of Health Insurance Coverage -- Civilian Noninstitutionalized Population

### Congressional District 2 (116th Congress), Alabama



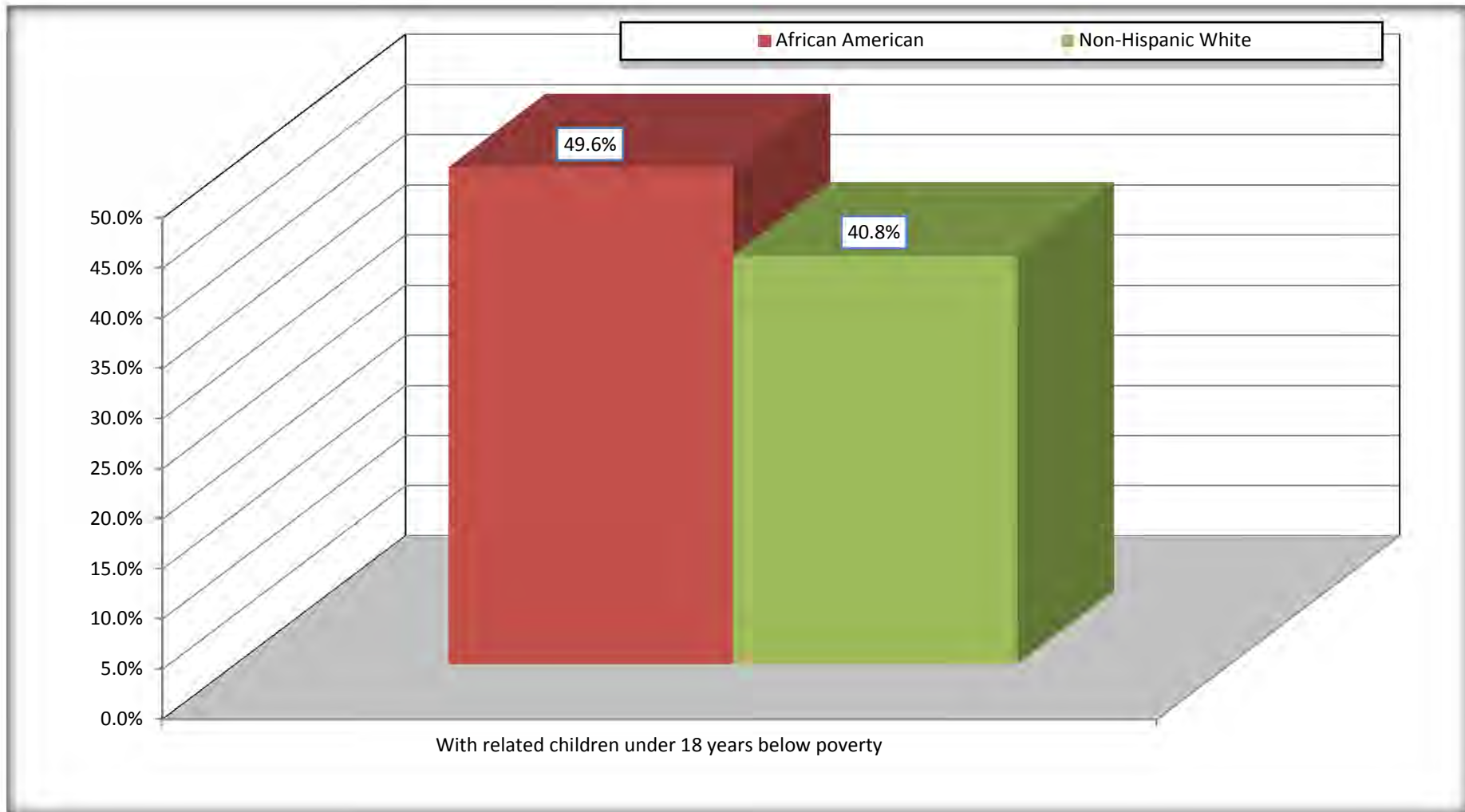
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Family Households Below Poverty in the Past 12 Months**  
**Congressional District 2 (116th Congress), Alabama**



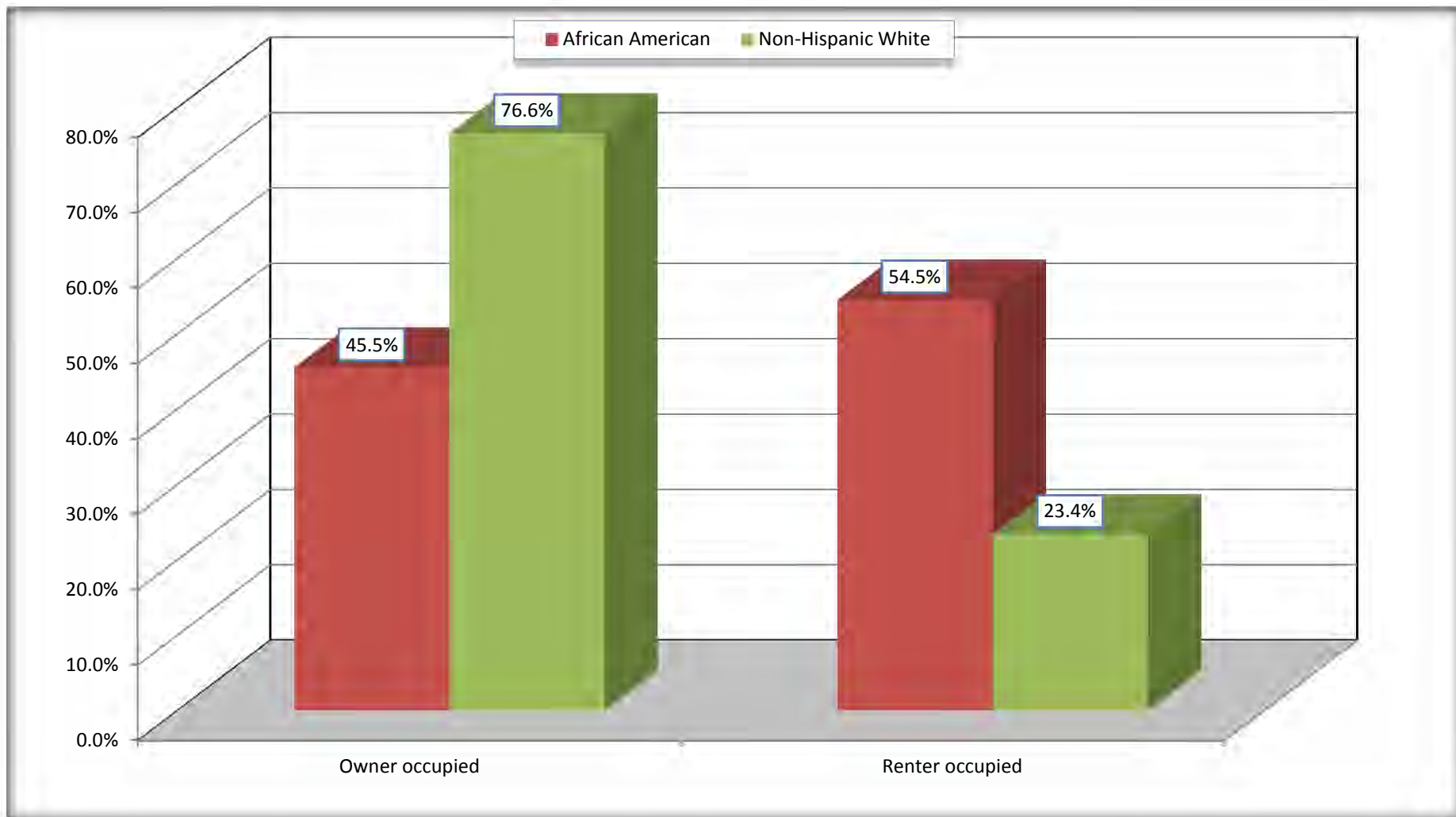
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-headed Households with Related Children Below Poverty in the Past 12 Months**  
**Congressional District 2 (116th Congress), Alabama**



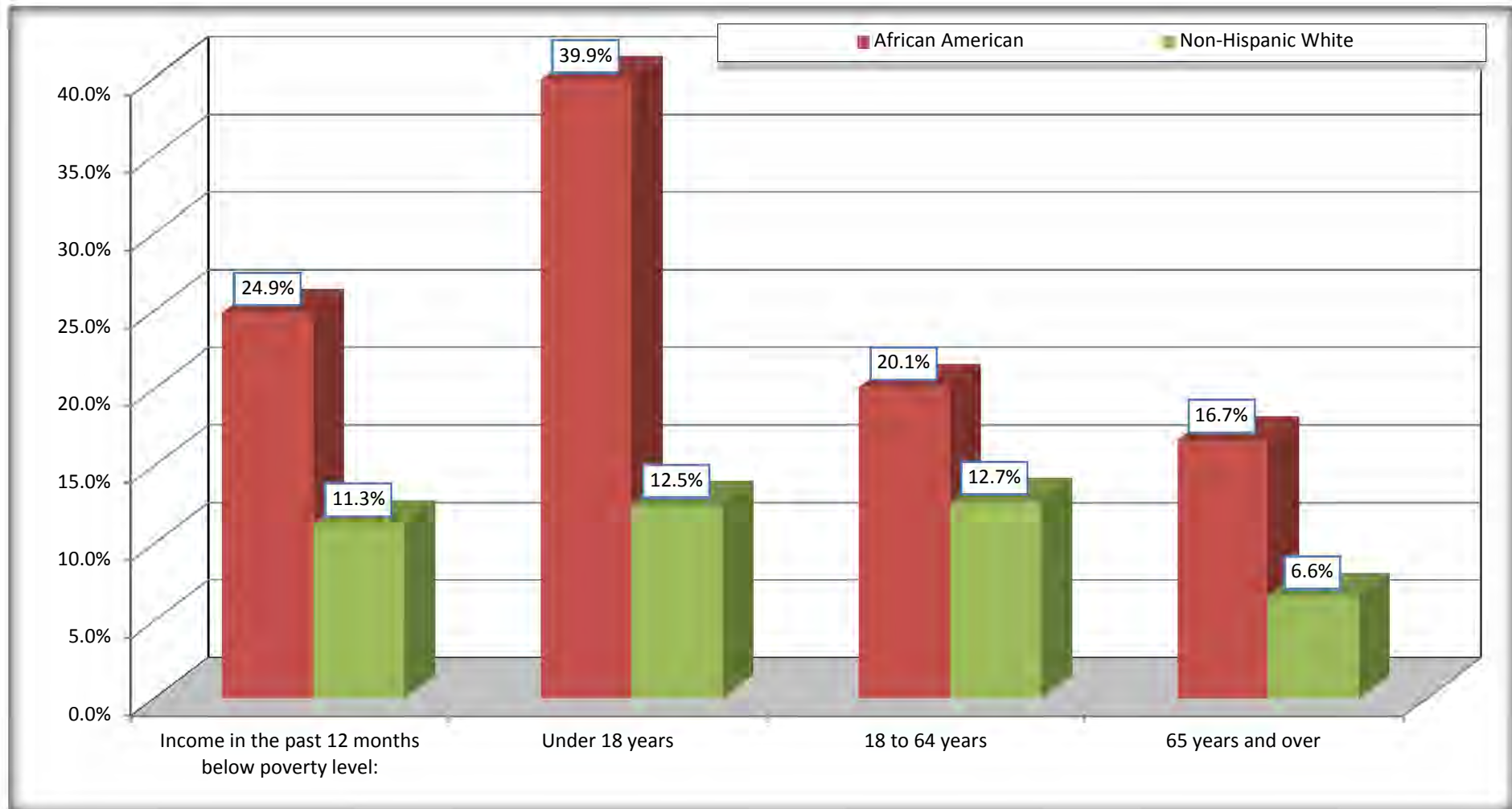
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Home Owners and Renters by Household Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

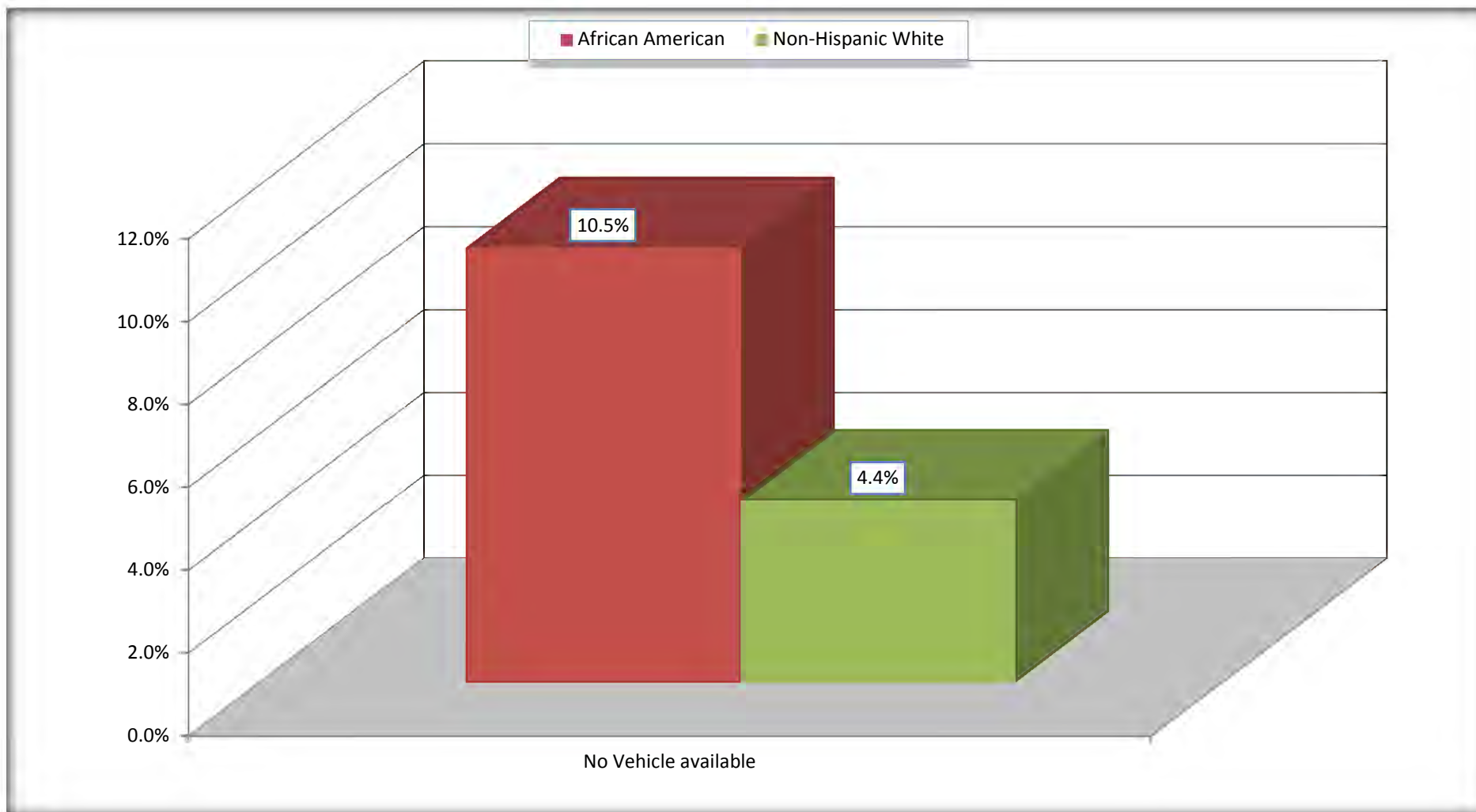
# **Population Below Poverty in the Past 12 Months** **Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

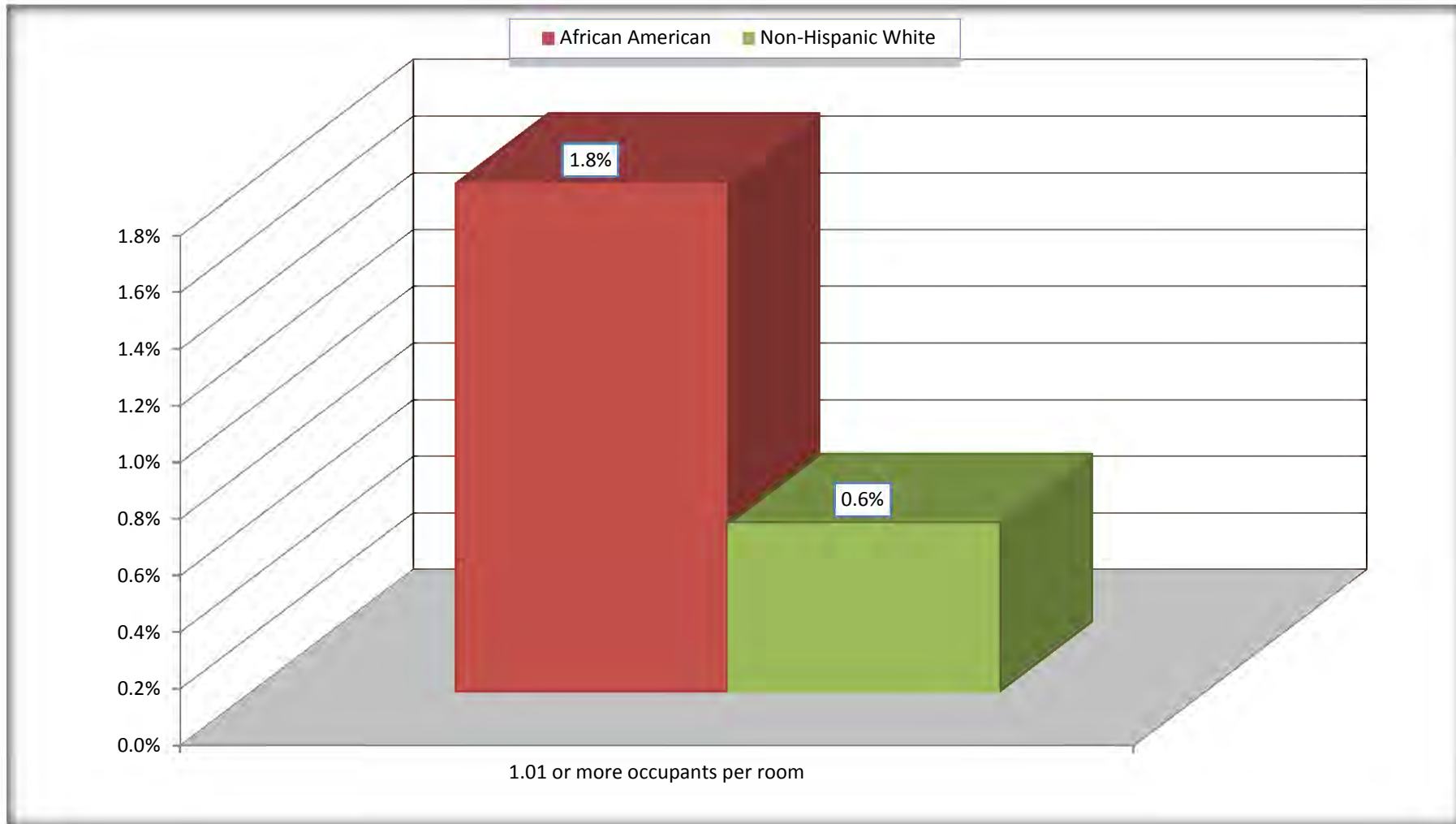
# No Vehicles Available by Household

## Congressional District 2 (116th Congress), Alabama



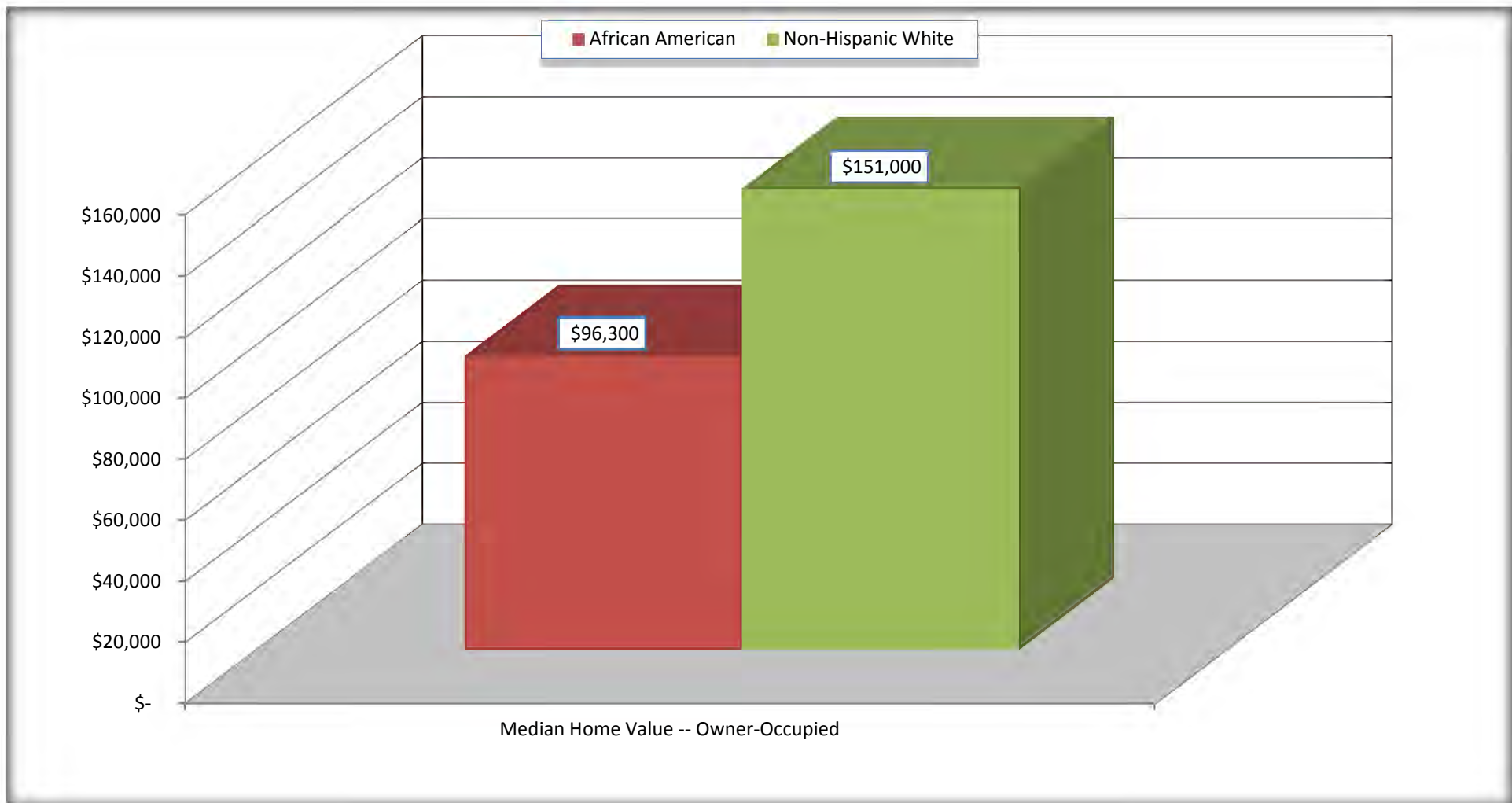
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**More than One Person per Room (Crowding) by Household**  
**Congressional District 2 (116th Congress), Alabama**



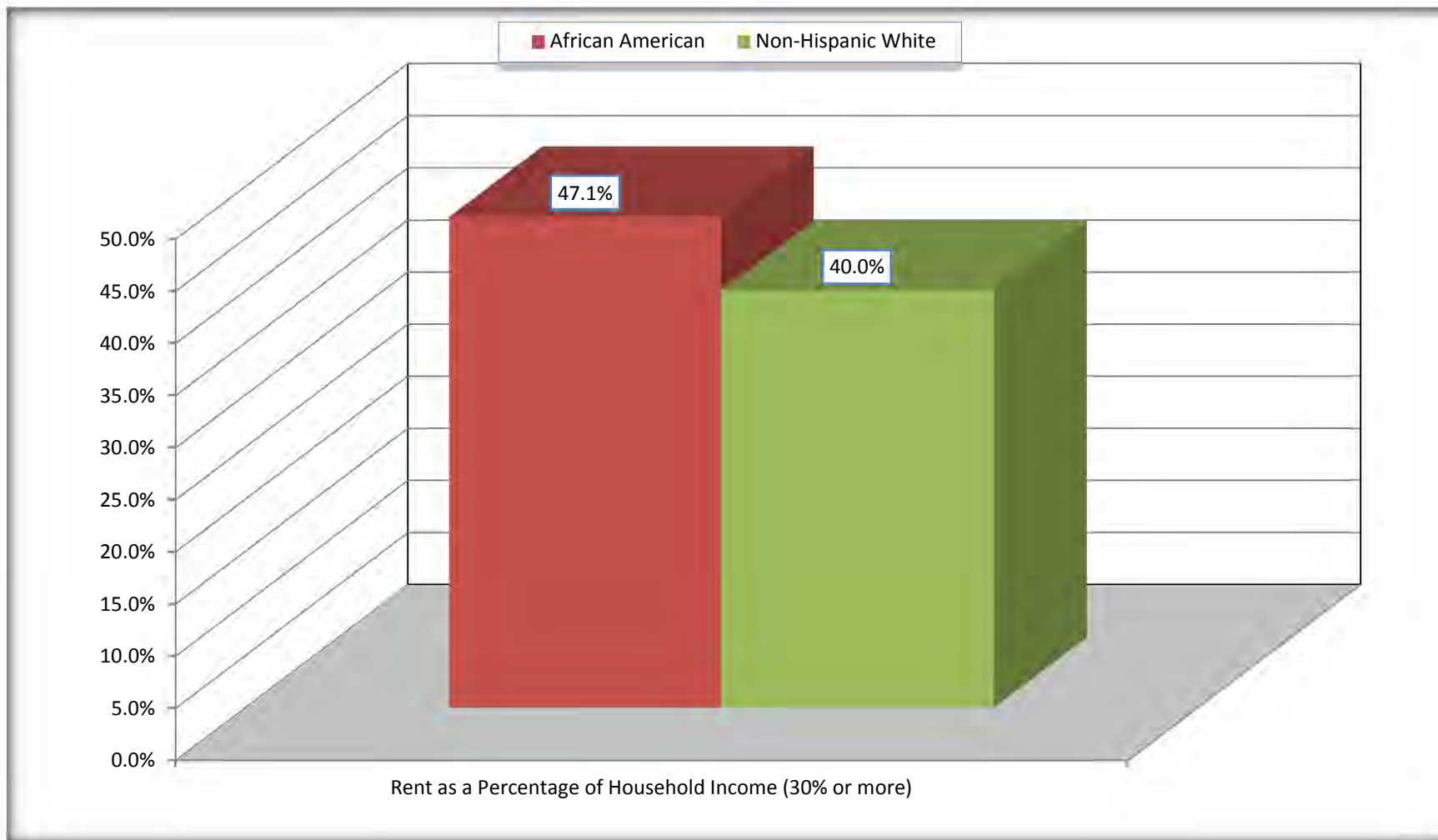
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Median Home Value -- Owner-Occupied**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

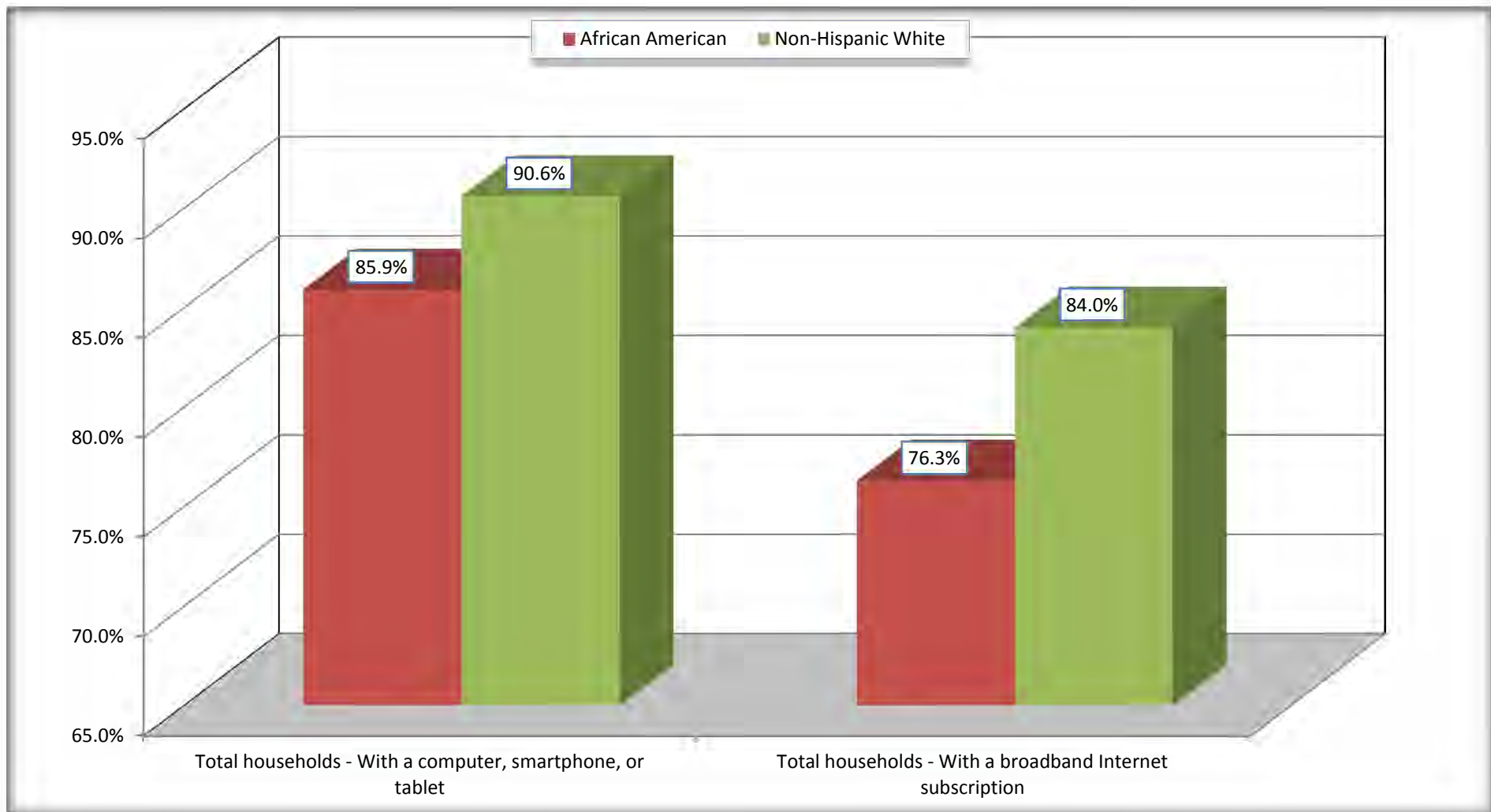
**Rent as a Percentage of Household Income (30% or more) -- Renter-Occupied**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Computers and Internet Use

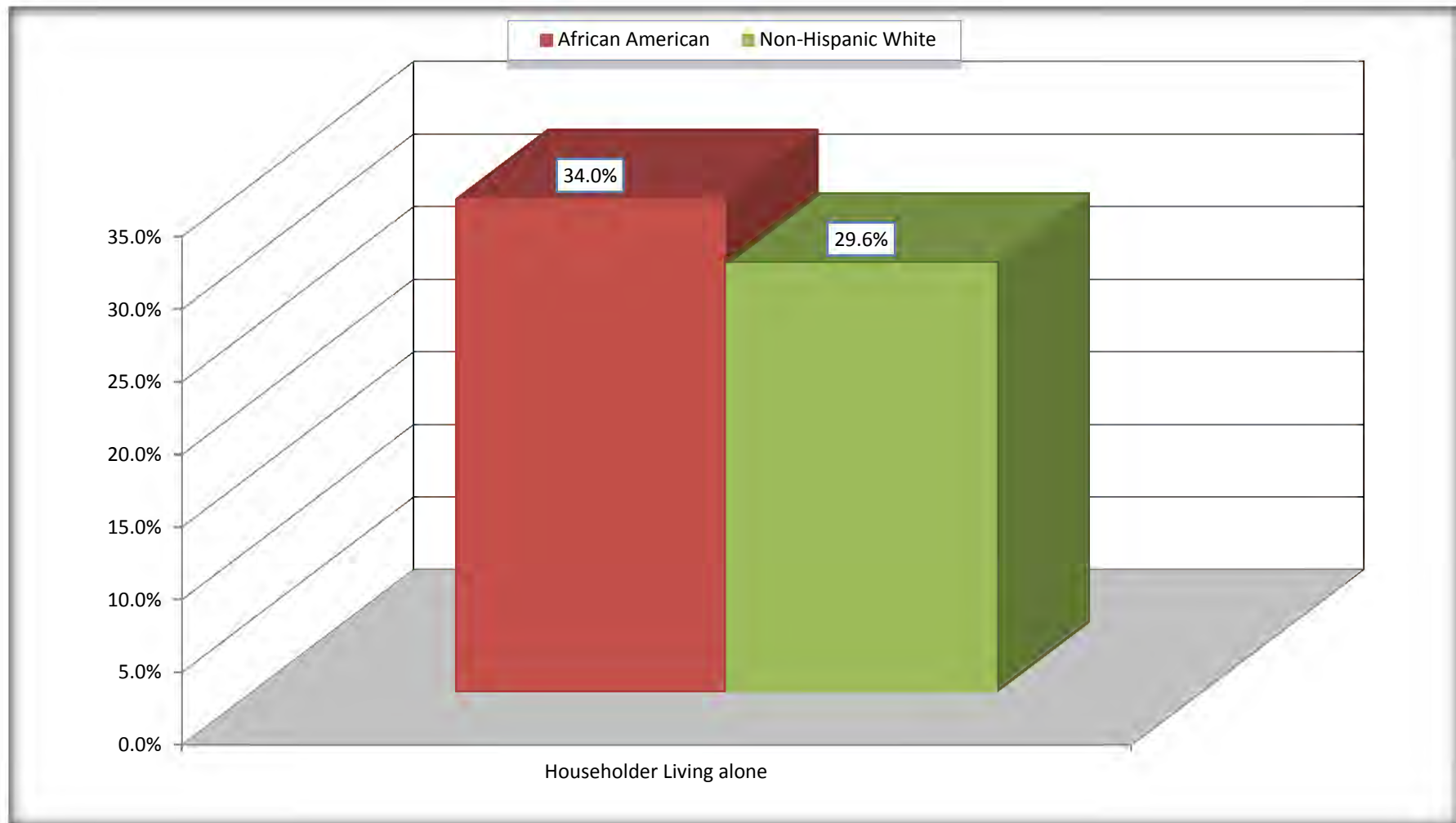
### Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

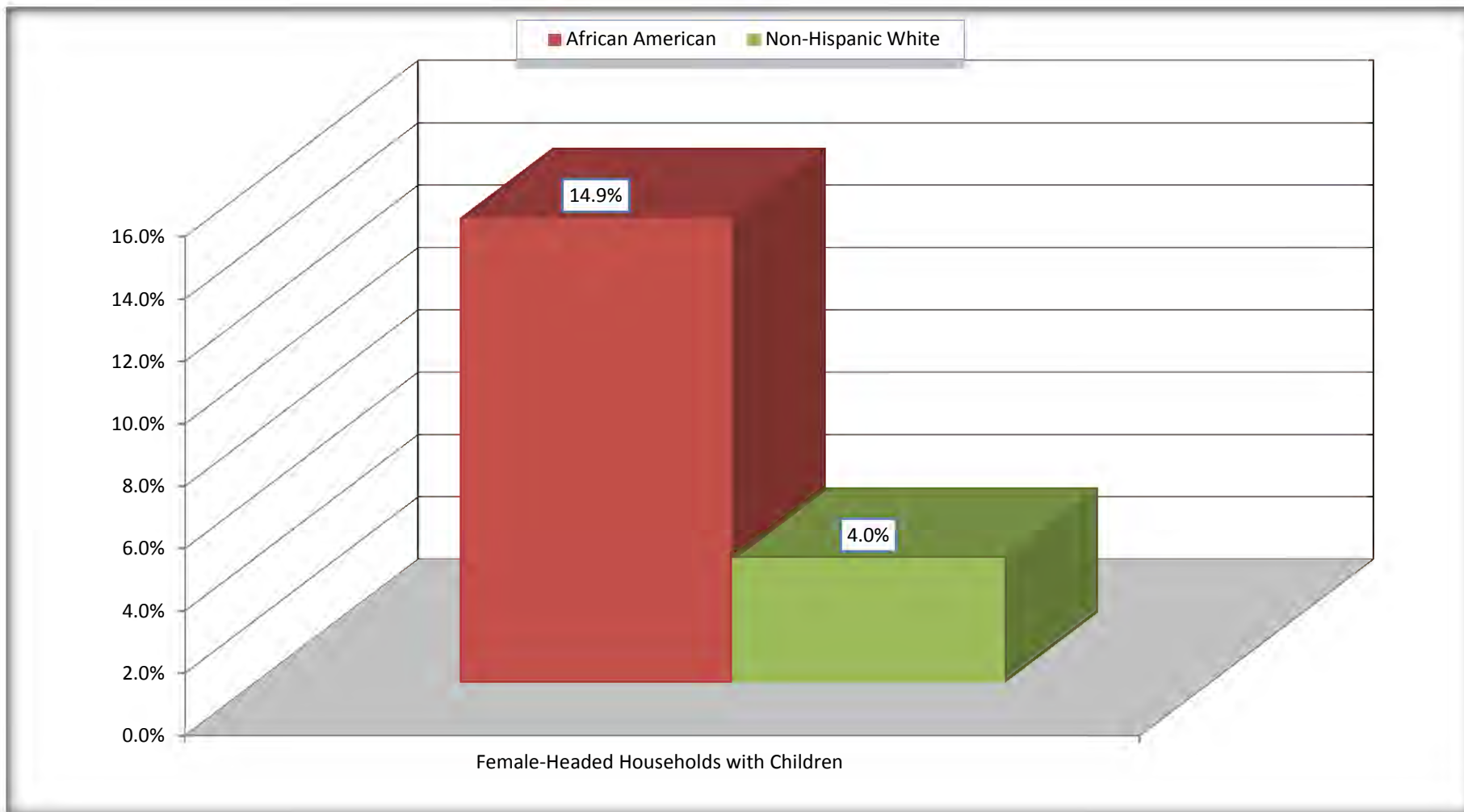
# Households with Householder Living Alone

## Congressional District 2 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-Headed Households with Children Under 18 (As a Percentage of all Households)**  
**Congressional District 2 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Exhibit O-2**

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>TOTAL NUMBER OF RACES REPORTED</b>			
Total population	674,920	224,717	407,356
One race	98.1%	96.8%	100.0%
Two races	1.8%	2.9%	(X)
Three races	0.1%	0.2%	(X)
Four or more races	0.0%	0.1%	(X)
<b>SEX AND AGE</b>			
Total population	674,920	224,717	407,356
Male	48.2%	46.3%	49.0%
Female	51.8%	53.7%	51.0%
Under 5 years	6.1%	7.5%	5.1%
5 to 17 years	16.4%	18.6%	14.2%
18 to 24 years	9.0%	11.0%	7.9%
25 to 34 years	13.6%	16.4%	11.8%
35 to 44 years	12.2%	13.2%	11.4%
45 to 54 years	12.1%	11.0%	13.0%
55 to 64 years	12.8%	10.5%	14.6%
65 to 74 years	10.4%	7.7%	12.3%
75 years and over	7.4%	4.0%	9.6%
Median age (years)	39.0	32.1	44.6
18 years and over	77.5%	73.9%	80.7%
21 years and over	73.7%	69.6%	77.3%
62 years and over	21.5%	14.4%	26.4%
65 years and over	17.8%	11.7%	22.0%
Under 18 years	151,908	58,724	78,706
Male	51.7%	48.8%	52.5%
Female	48.3%	51.2%	47.5%
<b>18 years and over</b>	<b>523,012</b>	<b>165,993</b>	<b>328,650</b>
Male	47.2%	45.4%	48.2%
Female	52.8%	54.6%	51.8%
18 to 34 years	152,800	61,557	80,334
Male	50.0%	48.9%	50.4%
Female	50.0%	51.1%	49.6%
35 to 64 years	249,879	78,136	158,815
Male	47.6%	44.2%	49.5%
Female	52.4%	55.8%	50.5%

	Black or African American alone		White alone, or in combination not Hispanic or Latino
	All Persons		
	Estimate	Estimate	Estimate
<b>65 years and over</b>	<b>120,333</b>	<b>26,300</b>	<b>89,501</b>
Male	43.0%	40.8%	43.9%
Female	57.0%	59.2%	56.1%
<b>RELATIONSHIP</b>			
Population in households	654,522	215,361	397,439
Householder or spouse	57.4%	48.4%	63.4%
Unmarried partner	2.0%	2.7%	1.7%
Child	29.1%	34.0%	25.4%
Other relatives	8.4%	11.4%	6.7%
Other nonrelatives	3.1%	3.5%	2.8%
<b>HOUSEHOLDS BY TYPE</b>			
Households	262,180	83,494	166,007
Family households	64.1%	60.3%	65.6%
With own children of the householder under 18 years	24.1%	26.0%	22.3%
Married-couple family	43.5%	26.0%	52.2%
With own children of the householder under 18 years	14.3%	9.0%	16.4%
Female householder, no spouse present, family	16.3%	28.9%	9.8%
With own children of the householder under 18 years	7.7%	14.9%	4.0%
Nonfamily households	35.9%	39.7%	34.4%
Male householder	17.2%	18.6%	16.4%
Living alone	14.5%	15.9%	13.9%
Not living alone	2.6%	2.7%	2.4%
Female householder	18.7%	21.2%	18.0%
Living alone	16.2%	18.1%	15.7%
Not living alone	2.5%	3.0%	2.3%
Average household size	2.50	2.52	2.46
Average family size	3.13	3.29	3.04
<b>MARITAL STATUS</b>			
Population 15 years and over	548,121	175,045	342,731
Now married, except separated	44.7%	27.2%	53.3%
Widowed	7.4%	5.7%	8.3%
Divorced	13.4%	13.6%	13.6%
Separated	2.3%	3.3%	2.0%
Never married	32.1%	50.0%	22.8%
Male 15 years and over	260,315	79,620	166,311
Now married, except separated	47.0%	29.7%	55.6%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Widowed	3.0%	2.0%	3.4%
Divorced	11.6%	10.6%	12.4%
Separated	2.0%	3.2%	1.5%
Never married	36.4%	54.4%	27.1%
Female 15 years and over	287,806	95,425	176,420
Now married, except separated	42.7%	25.2%	51.2%
Widowed	11.4%	8.8%	12.9%
Divorced	15.0%	16.2%	14.8%
Separated	2.7%	3.4%	2.4%
Never married	28.3%	46.4%	18.7%
<b>SCHOOL ENROLLMENT</b>			
Population 3 years and over enrolled in school	159,113	62,114	82,464
Nursery school, preschool	6.8%	8.9%	6.1%
Kindergarten	5.3%	5.3%	4.7%
Elementary school (grades 1-8)	43.1%	42.1%	42.8%
High school (grades 9-12)	21.2%	19.7%	23.0%
College or graduate school	23.6%	23.9%	23.3%
Male 3 years and over enrolled in school	79,596	29,250	41,745
Percent enrolled in kindergarten to grade 12	72.3%	70.2%	72.3%
Percent enrolled in college or graduate school	20.0%	18.7%	21.0%
Female 3 years and over enrolled in school	79,517	32,864	40,719
Percent enrolled in kindergarten to grade 12	66.8%	64.5%	68.8%
Percent enrolled in college or graduate school	27.3%	28.6%	25.7%
<b>EDUCATIONAL ATTAINMENT</b>			
Population 25 years and over	462,069	141,386	296,499
Less than high school diploma	13.4%	19.1%	9.8%
High school graduate (includes equivalency)	31.9%	36.6%	30.6%
Some college or associate's degree	31.2%	27.1%	33.7%
Bachelor's degree	14.8%	10.8%	16.2%
Graduate or professional degree	8.7%	6.3%	9.7%
High school graduate or higher	86.6%	80.9%	90.2%
Male, high school graduate or higher	85.4%	77.8%	89.6%
Female, high school graduate or higher	87.7%	83.4%	90.7%
Bachelor's degree or higher	23.5%	17.2%	25.9%
Male, bachelor's degree or higher	22.1%	13.1%	25.4%
Female, bachelor's degree or higher	24.7%	20.4%	26.4%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>FERTILITY</b>			
Women 15 to 50 years	157,100	60,943	85,662
Women 15 to 50 years who had a birth in the past 12 months	7,522	3,462	3,528
Unmarried women 15 to 50 years who had a birth in the past 12 months	3,868	2,169	1,399
As a percent of all women with a birth in the past 12 months	51.4%	62.7%	39.7%
<b>RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS</b>			
Population 30 years and over	414,749	121,328	272,113
Grandparents living with grandchild(ren)	4.0%	5.2%	3.5%
Grandparents responsible for grandchildren as a percentage of living with grandchildren	45.2%	44.0%	48.8%
<b>VETERAN STATUS</b>			
Civilian population 18 years and over	514,033	164,297	322,484
Civilian veteran	10.0%	7.6%	11.4%
<b>DISABILITY STATUS</b>			
Total civilian noninstitutionalized population	651,579	215,780	394,458
With a disability	16.8%	14.7%	18.3%
Civilian noninstitutionalized population under 18 years	151,774	58,709	78,608
With a disability	4.8%	4.4%	5.0%
Civilian noninstitutionalized population 18 to 64 years	382,662	131,685	228,596
With a disability	14.6%	13.8%	15.5%
Civilian noninstitutionalized population 65 years and older	117,143	25,386	87,254
With a disability	39.8%	43.2%	37.8%
<b>RESIDENCE 1 YEAR AGO</b>			
Population 1 year and over	667,536	221,376	403,677
Same house	85.3%	81.8%	87.4%
Different house in the U.S.	14.2%	18.1%	12.1%
Same county	7.4%	10.5%	5.8%
Different county	6.8%	7.6%	6.3%
Same state	3.8%	4.8%	3.3%
Different state	3.0%	2.7%	3.1%
Abroad	0.5%	0.2%	0.5%
<b>PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY</b>			
Native	655,335	223,285	403,532
Male	48.3%	46.2%	49.1%
Female	51.7%	53.8%	50.9%
Foreign born	19,585	1,432	3,824
Male	45.3%	68.9%	38.2%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female	54.7%	31.1%	61.8%
Foreign born; naturalized U.S. citizen	8,890	1,117	1,875
Male	41.3%	62.7%	40.4%
Female	58.7%	37.3%	59.6%
Foreign born; not a U.S. citizen	10,695	315	1,949
Male	48.7%	N	36.1%
Female	51.3%	N	63.9%
Population born outside the United States	19,585	1,432	3,824
Entered 2010 or later	35.2%	37.3%	35.5%
Entered 2000 to 2009	26.5%	30.0%	17.2%
Entered before 2000	38.3%	32.7%	47.3%
<b>WORLD REGION OF BIRTH OF FOREIGN BORN</b>			
Foreign-born population excluding population born at sea	19,585	1,432	3,824
Europe	15.3%	N	73.8%
Asia	42.3%	N	16.7%
Africa	5.5%	N	5.0%
Oceania	0.4%	N	1.9%
Latin America	36.2%	N	1.0%
Northern America	0.3%	N	1.6%
<b>LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH</b>			
Population 5 years and over	633,653	207,812	386,426
English only	94.9%	98.1%	98.5%
Language other than English	5.1%	1.9%	1.5%
Speak English less than "very well"	1.9%	1.0%	0.3%
<b>EMPLOYMENT STATUS</b>			
Population 16 years and over	539,994	171,922	338,568
In labor force	57.0%	58.7%	55.7%
Civilian labor force	55.3%	57.8%	53.9%
Employed	52.8%	53.8%	52.0%
Unemployed	2.5%	4.0%	1.8%
Unemployment Rate	4.5%	6.9%	3.4%
Armed Forces	1.7%	1.0%	1.8%
Not in labor force	43.0%	41.3%	44.3%
Females 16 years and over	283,990	93,690	174,510
In labor force	52.9%	58.6%	49.9%
Civilian labor force	52.4%	57.9%	49.6%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
All Persons	Estimate	Estimate	Estimate
Employed	50.0%	53.8%	48.1%
Unemployed	2.4%	4.1%	1.5%
Unemployment Rate	4.6%	7.1%	3.0%
<b>COMMUTING TO WORK</b>			
Workers 16 years and over	287,263	91,071	179,385
Car, truck, or van - drove alone	86.1%	85.9%	86.6%
Car, truck, or van - carpooled	8.0%	9.7%	7.0%
Public transportation (excluding taxicab)	0.4%	0.7%	0.2%
Walked	1.6%	1.3%	1.6%
Other means	0.8%	0.6%	1.0%
Worked from home	3.1%	1.9%	3.6%
Mean travel time to work (minutes)	23.5	21.8	24.3
<b>OCCUPATION</b>			
Civilian employed population 16 years and over	285,238	92,497	176,124
Management, business, science, and arts occupations	33.7%	25.6%	38.3%
Service occupations	17.9%	21.8%	15.0%
Sales and office occupations	21.6%	21.3%	22.0%
Natural resources, construction, and maintenance occupations	8.6%	4.4%	10.5%
Production, transportation, and material moving occupations	18.2%	26.8%	14.1%
Male civilian employed population 16 years and over	143,232	42,063	92,119
Management, business, science, and arts occupations	26.2%	15.8%	30.7%
Service occupations	16.5%	24.0%	12.3%
Sales and office occupations	14.2%	12.5%	15.5%
Natural resources, construction, and maintenance occupations	15.9%	8.4%	19.1%
Production, transportation, and material moving occupations	27.1%	39.3%	22.4%
Female civilian employed population 16 years and over	142,006	50,434	84,005
Management, business, science, and arts occupations	41.3%	33.8%	46.6%
Service occupations	19.2%	20.0%	17.9%
Sales and office occupations	29.0%	28.7%	29.2%
Natural resources, construction, and maintenance occupations	1.2%	1.1%	1.2%
Production, transportation, and material moving occupations	9.3%	16.4%	5.1%
<b>INDUSTRY</b>			
Civilian employed population 16 years and over	285,238	92,497	176,124
Agriculture, forestry, fishing and hunting, and mining	1.9%	0.4%	2.6%
Construction	5.3%	3.2%	6.2%
Manufacturing	13.5%	18.6%	10.8%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Wholesale trade	2.6%	2.0%	3.0%
Retail trade	12.0%	12.1%	12.0%
Transportation and warehousing, and utilities	6.5%	6.1%	7.1%
Information	1.1%	0.4%	1.5%
Finance and insurance, and real estate and rental and leasing	4.7%	3.1%	5.8%
Professional, scientific, and management, and administrative and waste managemen	8.5%	7.9%	8.5%
Educational services, and health care and social assistance	22.2%	22.8%	22.6%
Arts, entertainment, and recreation, and accommodation and food services	9.5%	11.8%	7.4%
Other services (except public administration)	4.2%	3.8%	4.6%
Public administration	7.9%	7.9%	7.9%
<b>CLASS OF WORKER</b>			
Civilian employed population 16 years and over	285,238	92,497	176,124
Private wage and salary workers	75.7%	75.4%	75.6%
Government workers	19.5%	22.1%	18.6%
Self-employed workers in own not incorporated business	4.8%	2.5%	5.8%
Unpaid family workers	0.1%	0.0%	0.0%
<b>INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)</b>			
Households	262,180	83,494	166,007
Median household income (dollars)	50,494	36,218	59,493
With earnings	72.3%	75.3%	70.1%
Mean earnings (dollars)	66,311	48,091	76,513
With Social Security income	35.9%	30.4%	39.7%
Mean Social Security income (dollars)	18,828	14,347	20,605
With Supplemental Security Income	7.2%	11.9%	4.9%
Mean Supplemental Security Income (dollars)	8,807	8,046	9,962
With cash public assistance income	1.3%	1.3%	1.4%
Mean cash public assistance income (dollars)	2,594	2,346	2,719
With retirement income	26.3%	17.2%	31.3%
Mean retirement income (dollars)	25,380	19,016	26,826
With Food Stamp/SNAP benefits	13.7%	25.5%	8.0%
Families	168,129	50,307	108,910
Median family income (dollars)	61,524	41,651	73,640
Married-couple family	67.8%	43.1%	79.6%
Median income (dollars)	79,997	65,919	84,789
Male householder, no spouse present, family	6.8%	9.0%	5.5%
Median income (dollars)	37,799	32,469	43,333

	Black or African American alone or in combination		White alone, not Hispanic or Latino
All Persons	Estimate	Estimate	Estimate
Female householder, no husband present, family	25.4%	47.9%	14.9%
Median income (dollars)	31,300	26,662	38,032
Individuals	674,920	224,717	407,356
Per capita income (dollars)	26,790	18,893	31,791
With earnings for full-time, year-round workers:			
Male	124,679	34,238	82,398
Female	99,987	37,133	58,338
Mean earnings (dollars) for full-time, year-round workers:			
Male	55,855	38,279	63,886
Female	42,801	36,054	47,202
Median earnings (dollars) full-time, year-round workers:			
Male	44,736	31,627	50,803
Female	36,424	30,499	40,711
<b>HEALTH INSURANCE COVERAGE</b>			
Civilian noninstitutionalized population	651,579	215,780	394,458
With private health insurance	64.8%	52.3%	72.3%
With public coverage	39.9%	46.2%	37.4%
No health insurance coverage	10.4%	12.4%	8.2%
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>			
All families	13.0%	22.2%	8.1%
With related children of the householder under 18 years	23.0%	36.4%	13.8%
With related children of the householder under 5 years only	23.7%	32.4%	15.5%
Married-couple family	5.1%	6.1%	4.1%
With related children of the householder under 18 years	7.8%	9.8%	5.6%
With related children of the householder under 5 years only	13.7%	N	N
Female householder, no spouse present, family	32.5%	36.0%	26.2%
With related children of the householder under 18 years	46.7%	49.6%	40.8%
With related children of the householder under 5 years only	43.3%	40.8%	51.8%
All people	16.4%	24.9%	11.3%
Under 18 years	24.6%	39.9%	12.5%
Related children of the householder under 18 years	24.3%	39.8%	12.1%
Related children of the householder under 5 years	26.2%	40.6%	14.0%
Related children of the householder 5 to 17 years	23.6%	39.4%	11.4%
18 years and over	14.0%	19.5%	11.0%
18 to 64 years	15.6%	20.1%	12.7%
65 years and over	8.8%	16.7%	6.6%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
People in families	14.2%	24.2%	8.1%
Unrelated individuals 15 years and over	25.9%	27.5%	25.3%
<b>HOUSING TENURE</b>			
Occupied housing units	262,180	83,494	166,007
Owner-occupied housing units	65.6%	45.5%	76.6%
Renter-occupied housing units	34.4%	54.5%	23.4%
Average household size of owner-occupied unit	2.52	2.62	2.48
Average household size of renter-occupied unit	2.45	2.43	2.38
<b>UNITS IN STRUCTURE</b>			
Occupied housing units	262,180	83,494	166,007
1-unit, detached or attached	70.5%	59.1%	76.9%
2 to 4 units	4.7%	7.7%	3.0%
5 or more units	9.5%	18.8%	4.4%
Mobile home, boat, RV, van, etc.	15.3%	14.4%	15.8%
<b>YEAR STRUCTURE BUILT</b>			
Occupied housing units	262,180	83,494	166,007
Built 2014 or later	4.3%	2.5%	5.0%
Built 2010 to 2013	3.6%	4.2%	3.4%
Built 2000 to 2009	14.7%	10.8%	16.4%
Built 1980 to 1999	35.3%	36.6%	34.0%
Built 1960 to 1979	27.5%	31.4%	26.0%
Built 1940 to 1959	11.0%	11.8%	11.0%
Built 1939 or earlier	3.6%	2.6%	4.2%
<b>VEHICLES AVAILABLE</b>			
Occupied housing units	262,180	83,494	166,007
None	6.3%	10.5%	4.4%
1 or more	93.7%	89.5%	95.6%
<b>HOUSE HEATING FUEL</b>			
Occupied housing units	262,180	83,494	166,007
Gas	25.0%	26.6%	24.4%
Electricity	74.0%	72.8%	74.3%
All other fuels	0.6%	0.3%	0.9%
No fuel used	0.4%	0.3%	0.5%
<b>SELECTED CHARACTERISTICS</b>			
Occupied housing units	262,180	83,494	166,007
No telephone service available	1.0%	1.5%	0.8%

	All Persons	Black or African American alone or in combination	White alone, not Hispanic or Latino
	Estimate	Estimate	Estimate
1.01 or more occupants per room	1.2%	1.8%	0.6%
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Housing units with a mortgage (excluding units where SMOC cannot be computed)	90,711	21,347	65,907
Less than 30 percent	78.9%	69.6%	82.4%
30 percent or more	21.1%	30.4%	17.6%
<b>OWNER CHARACTERISTICS</b>			
Owner-occupied housing units	171,869	38,008	127,238
Median value (dollars)	135,500	96,300	151,000
Median selected monthly owner costs with a mortgage (dollars)	1,092	1,036	1,110
Median selected monthly owner costs without a mortgage (dollars)	347	343	347
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Occupied units paying rent (excluding units where GRAPL cannot be computed)	79,064	41,269	32,593
Less than 30 percent	56.7%	52.9%	60.0%
30 percent or more	43.3%	47.1%	40.0%
<b>GROSS RENT</b>			
Occupied units paying rent	80,966	42,199	33,163
Median gross rent (dollars)	815	795	836
<b>COMPUTERS AND INTERNET USE</b>			
Total households	262,180	83,494	166,007
With a computer	89.3%	85.9%	90.6%
With a broadband Internet subscription	81.7%	76.3%	84.0%

###

# **Exhibit P-1**

## **Selected Socio-Economic Data**

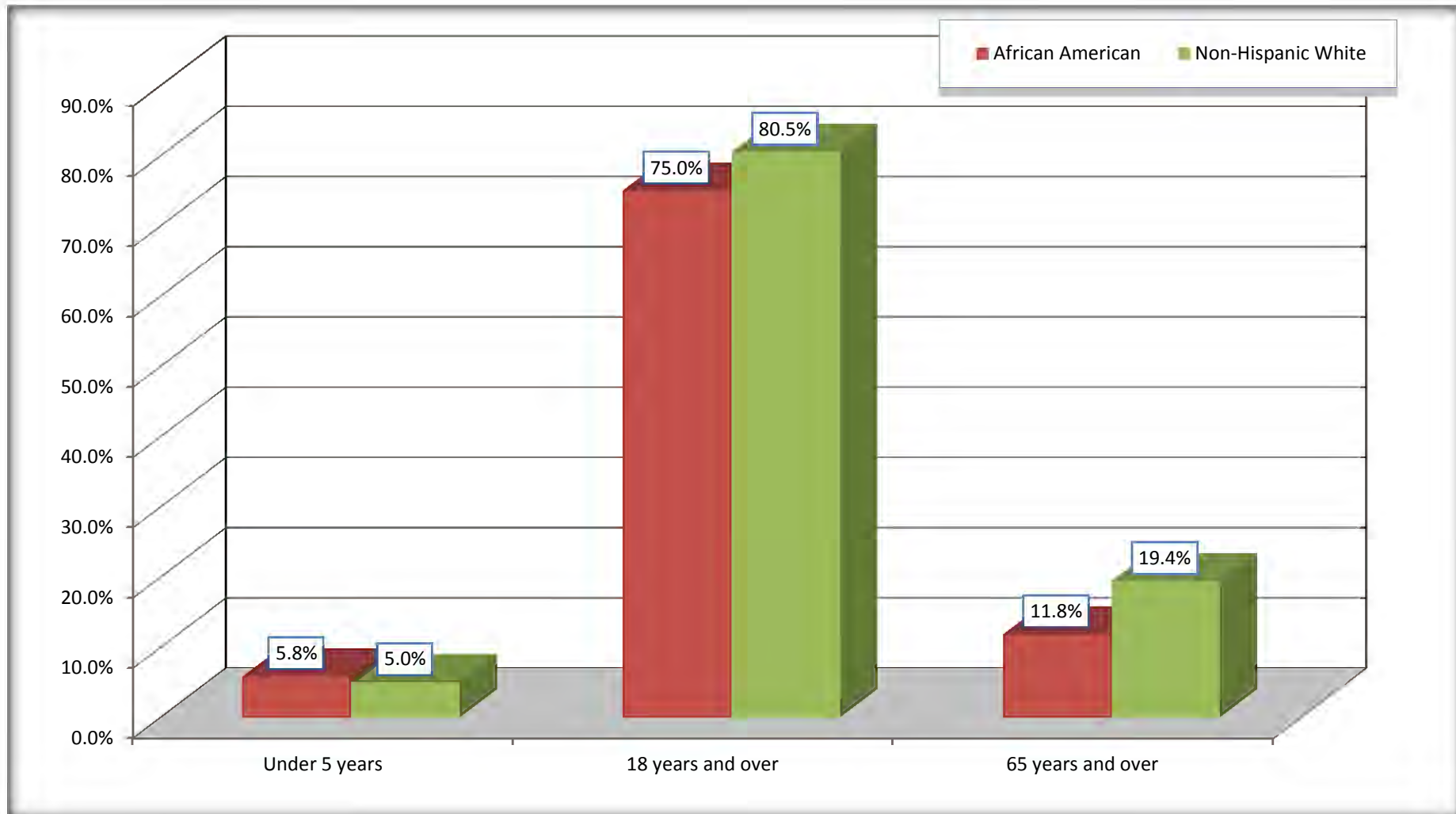
### **Congressional District 3 (116th Congress), Alabama**

**Any Part African American vis-à-vis NH White**

**Data Set: 2019 American Community Survey 1-Year Estimates**

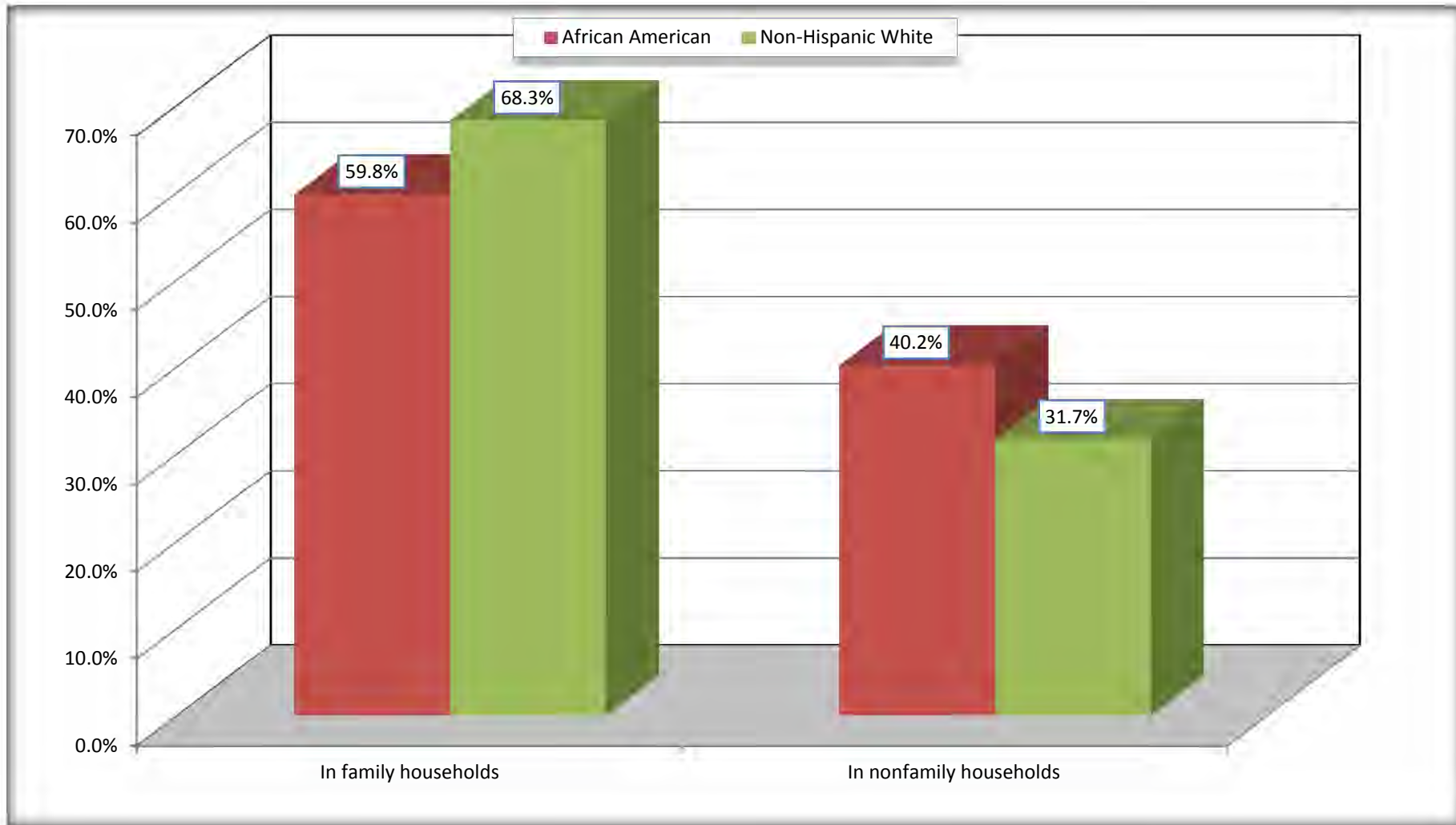
### Population by Age

#### Congressional District 3 (116th Congress), Alabama



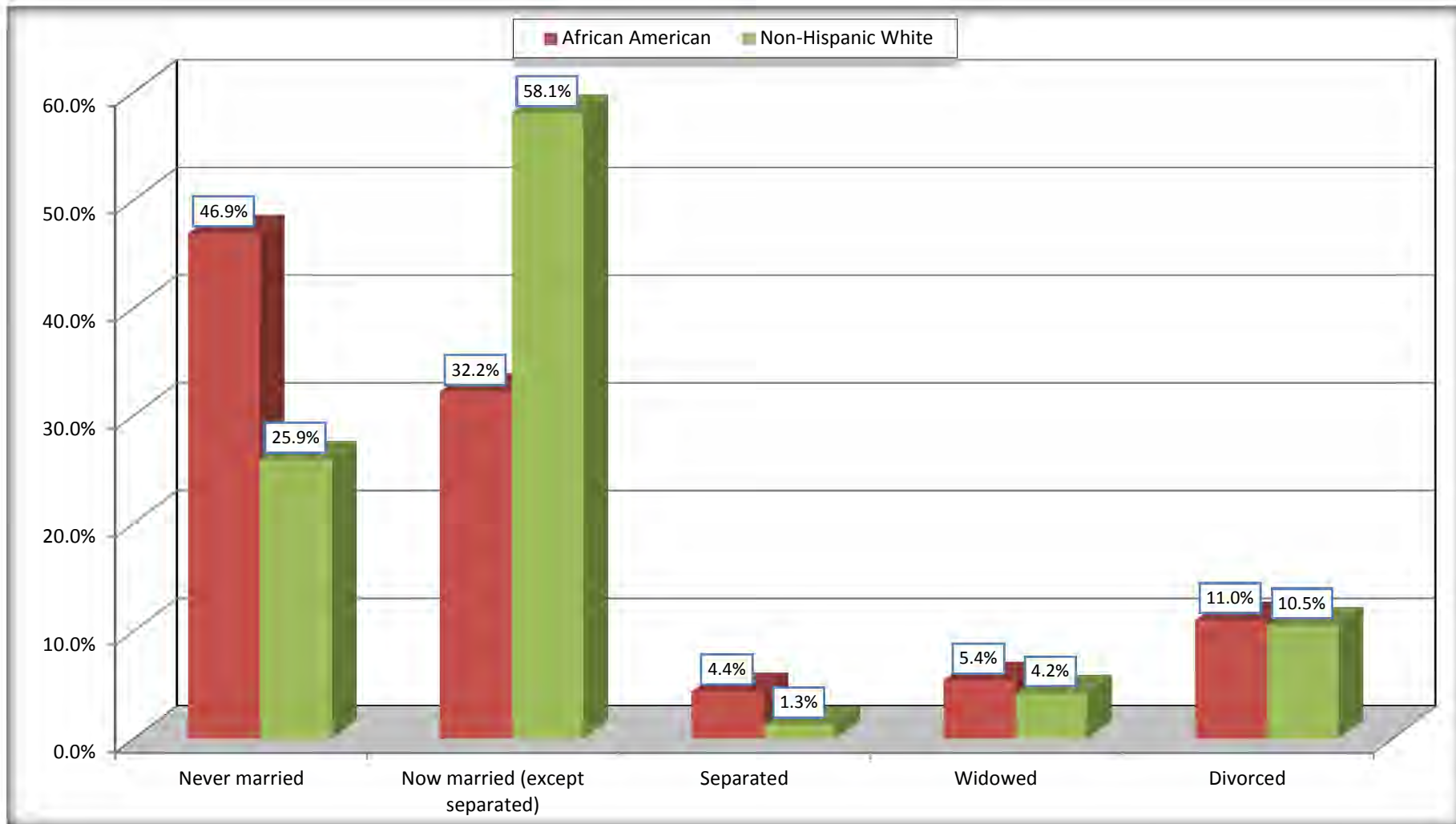
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

### Household Type for Population in Households Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

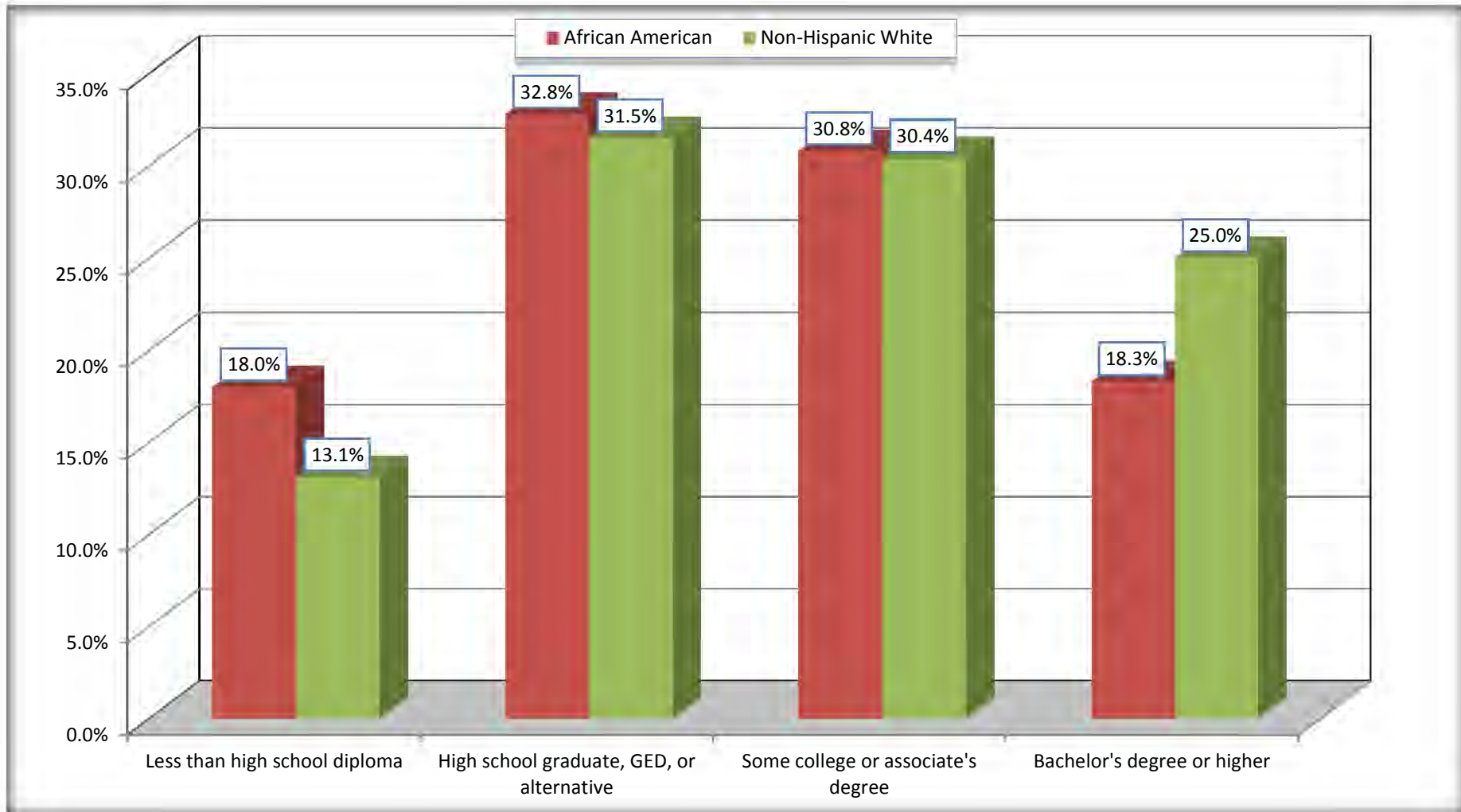
## Marital Status for the Population 15 Years and Over Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

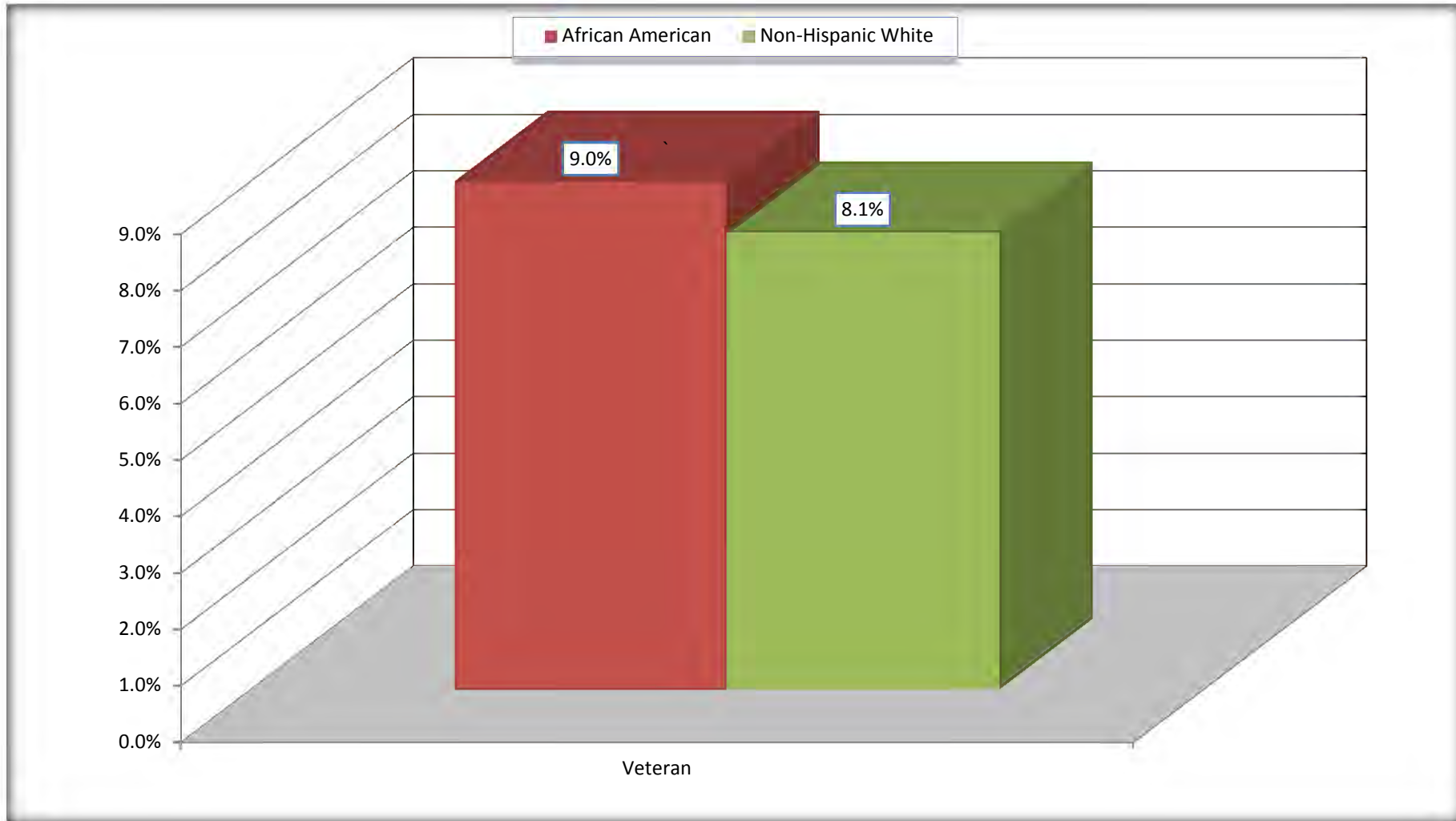
## Educational Attainment for the Population 25 Years and Older

### Congressional District 3 (116th Congress), Alabama



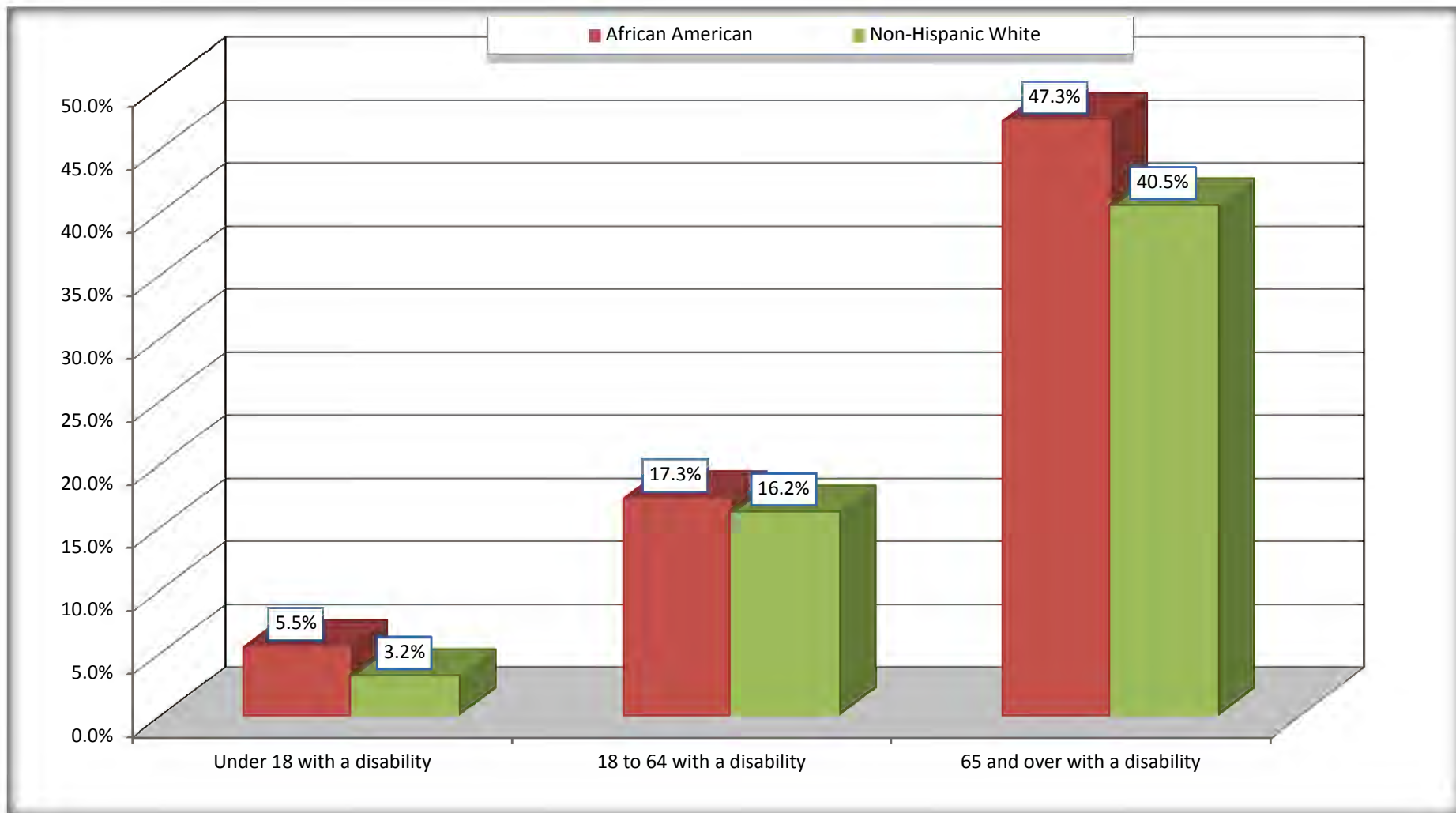
Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

**Veterans in the Civilian Population 18 Years and Over**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

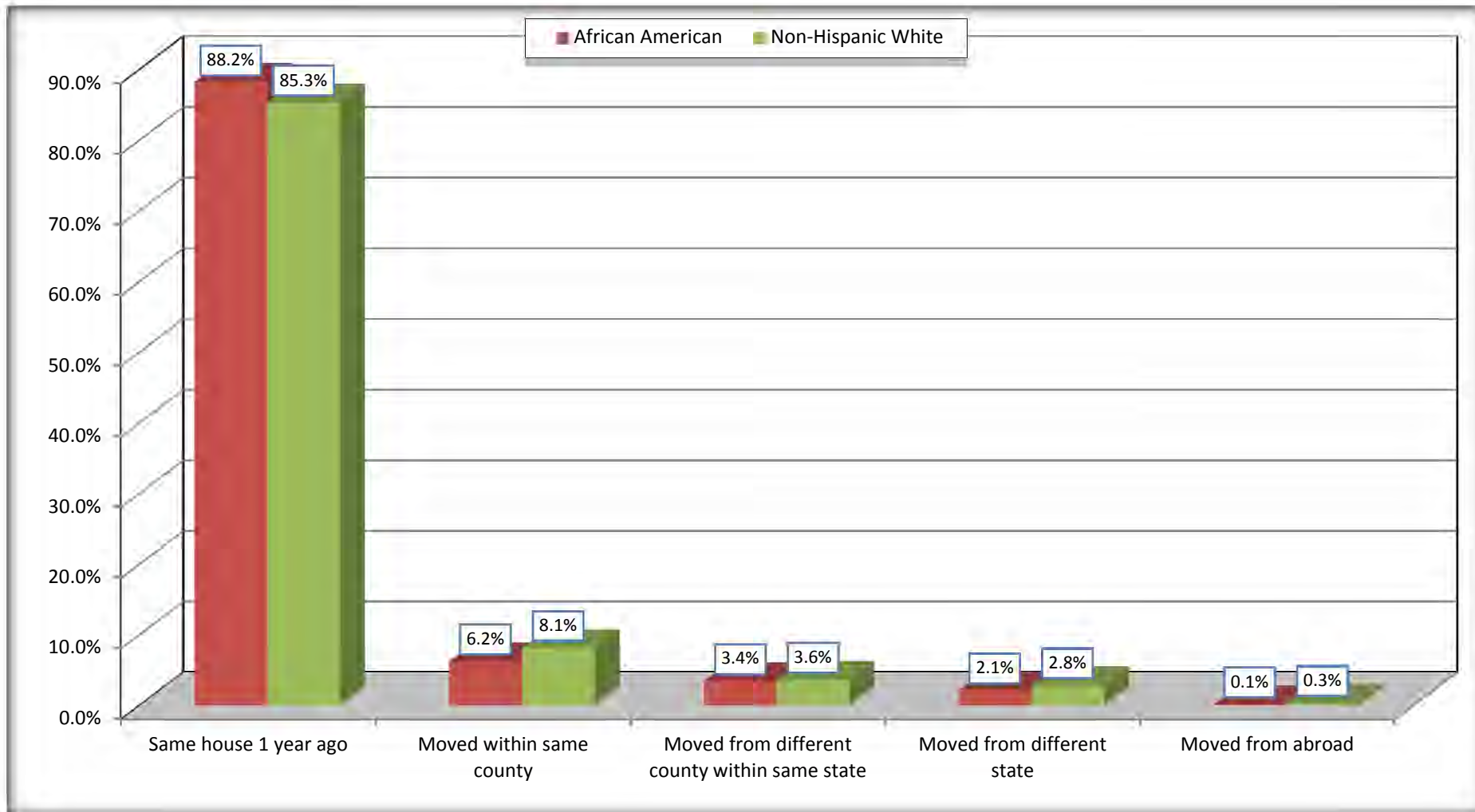
**Disability by Age -- Civilian Noninstitutionalized Population**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

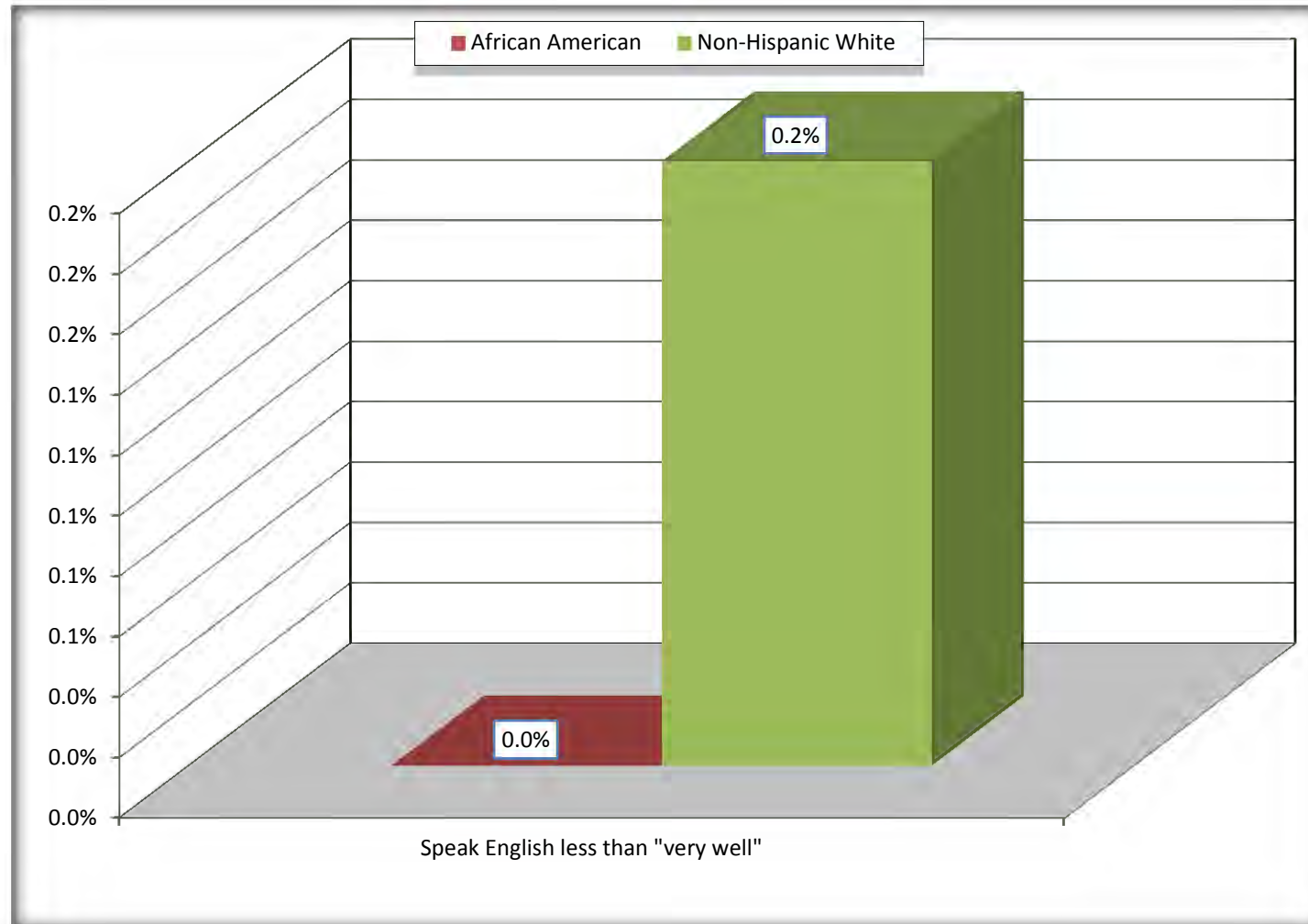
## Geographical Mobility in the Past Year (Population 1 Year and Over)

### Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

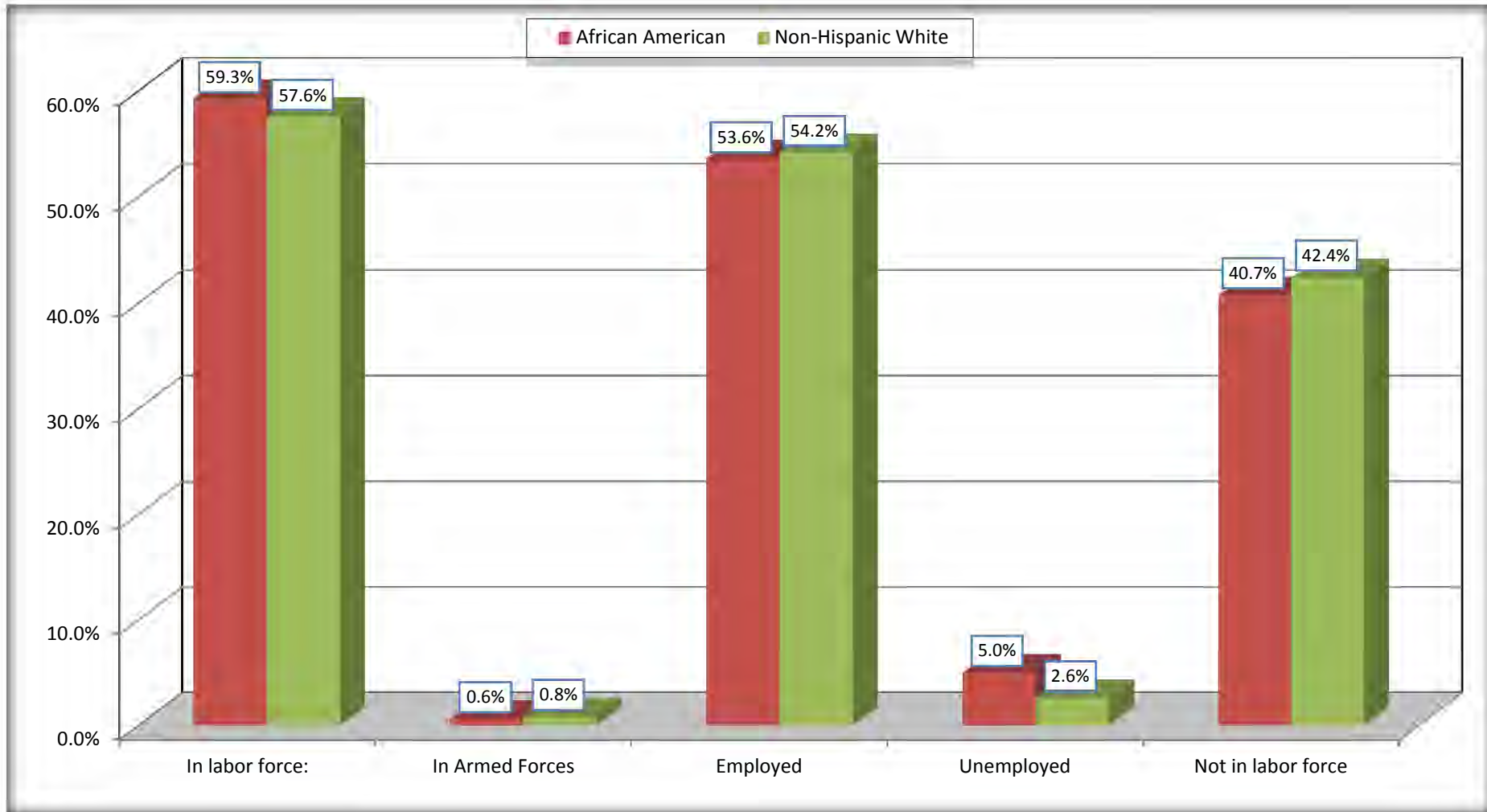
**Speak English Less than "Very Well" (Population 5 Years and Over)**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

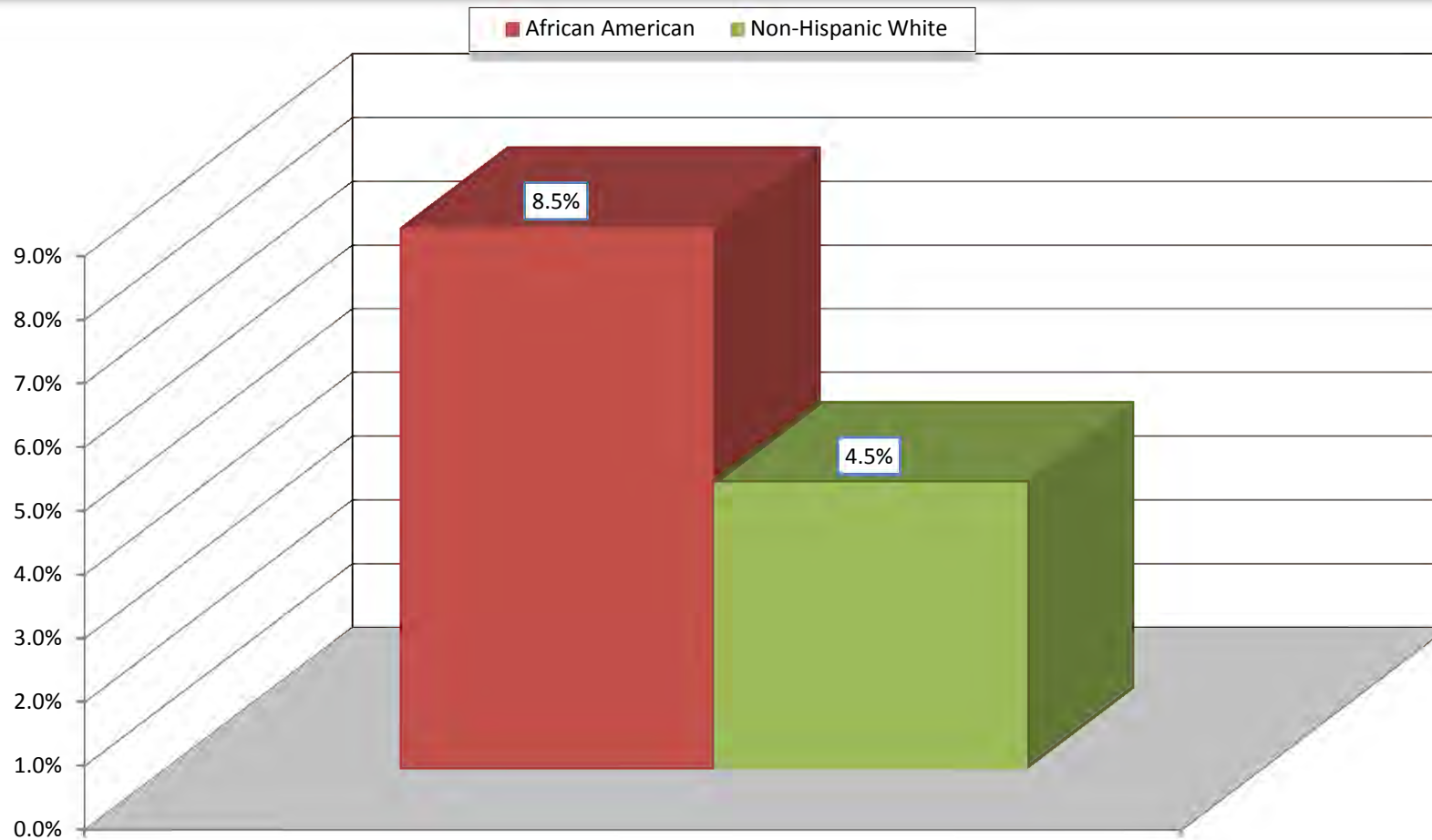
## Employment Status for the Population 16 years and over

### Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

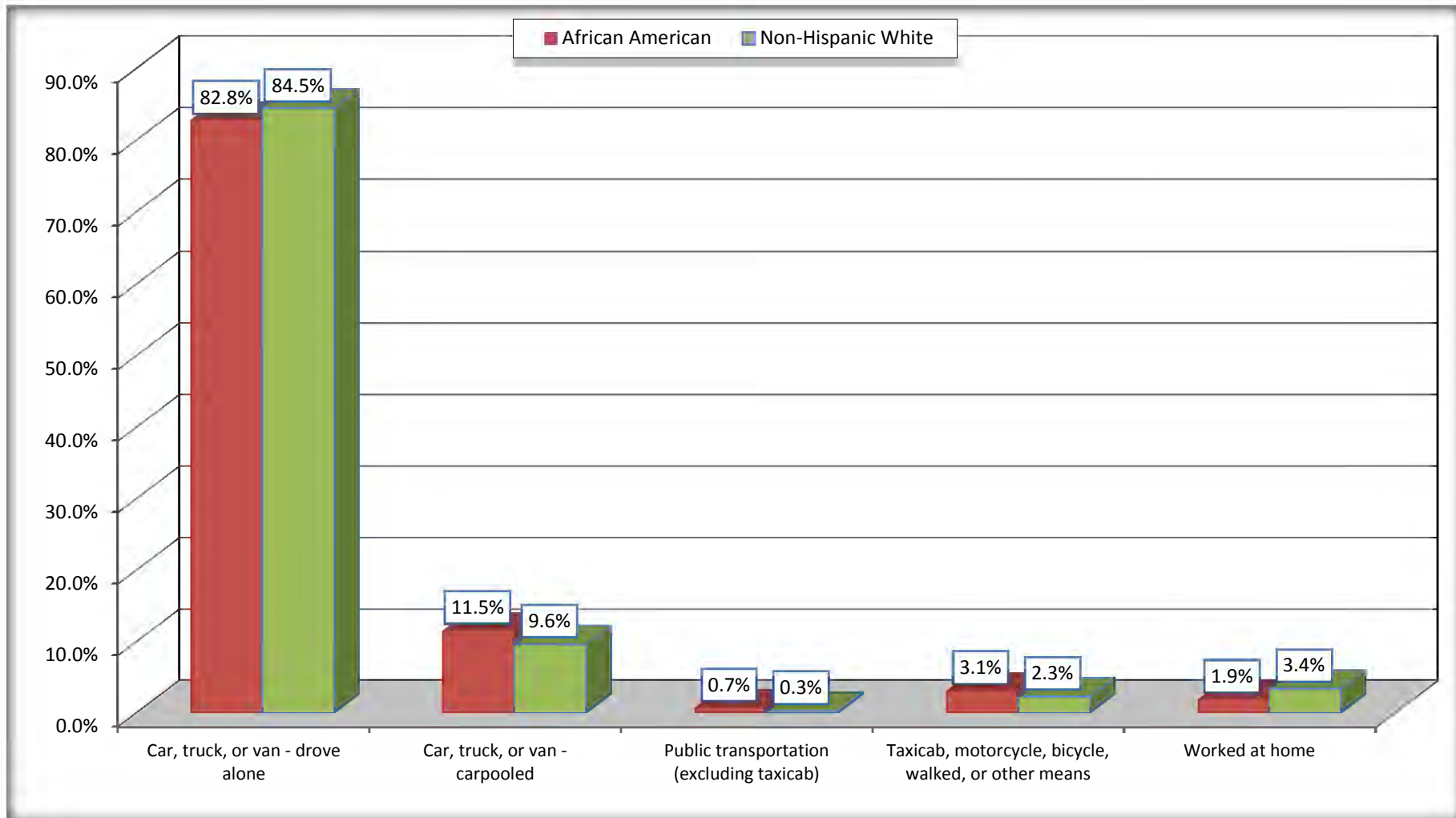
**Unemployment (Civilian Labor Force -- Ages 16 and Over)**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

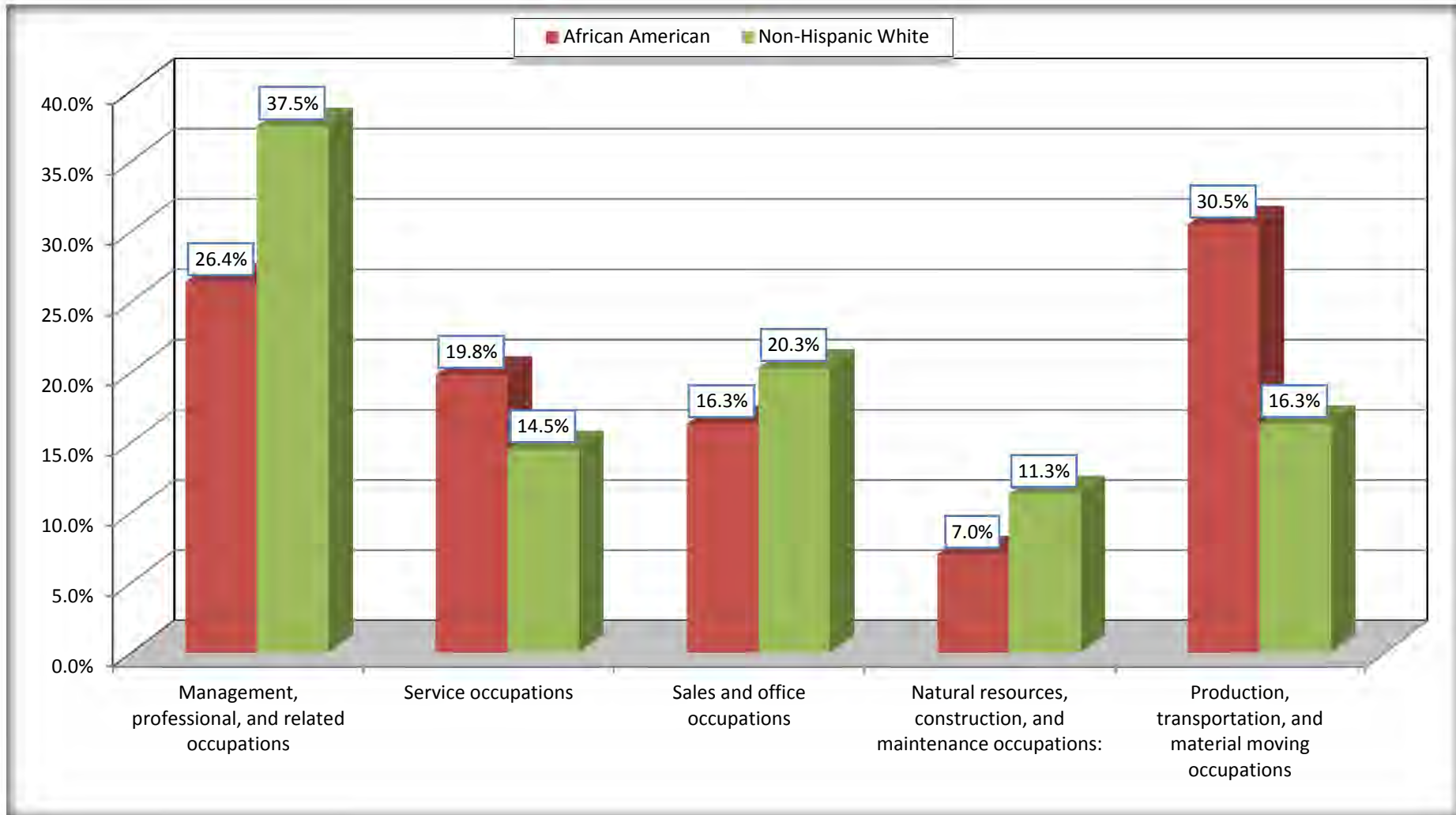
## Means of Transportation to Work (Workers 16 Years and Over)

### Congressional District 3 (116th Congress), Alabama



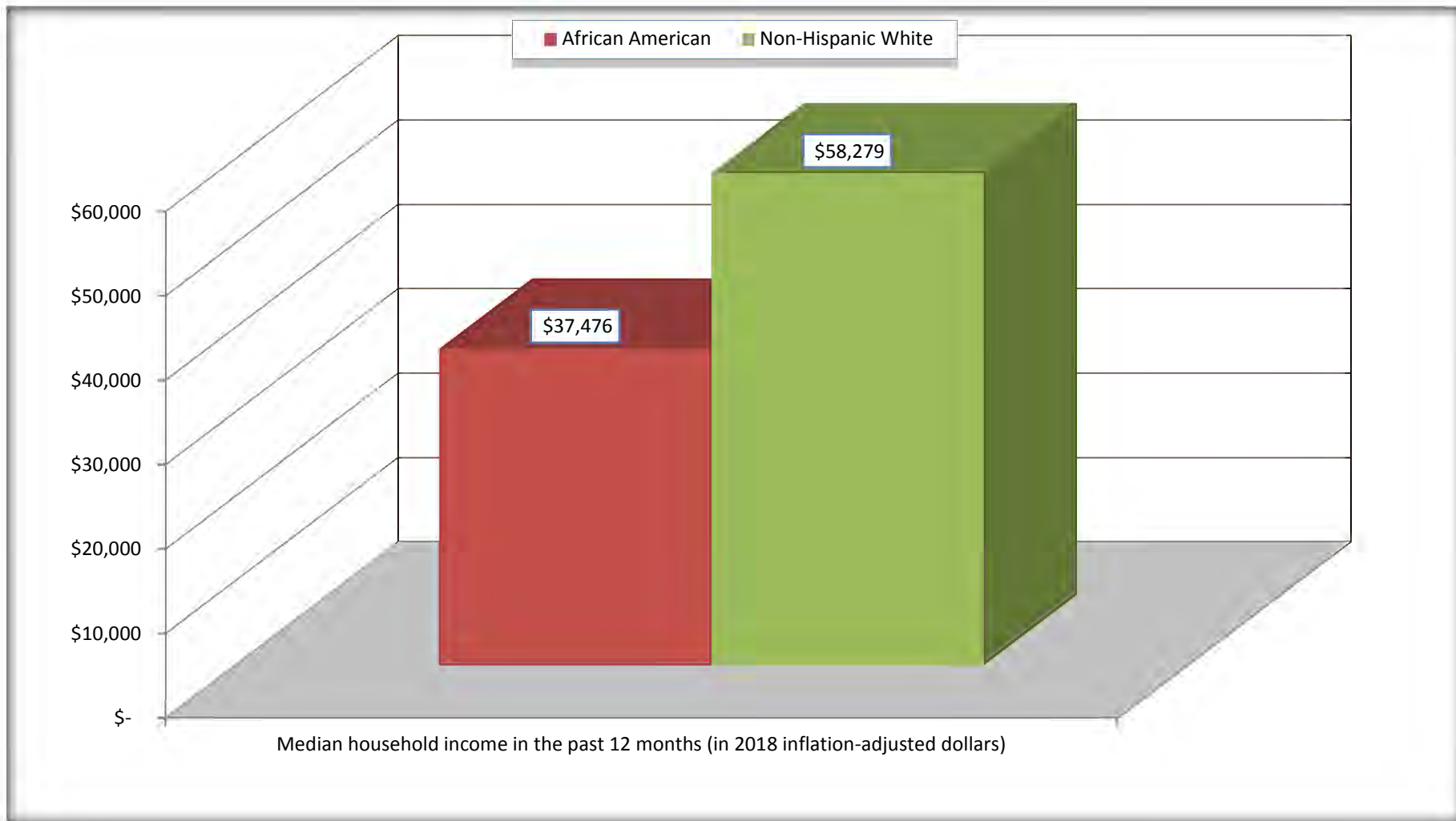
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Occupation for the Civilian Employed 16 Years and Over Population** **Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

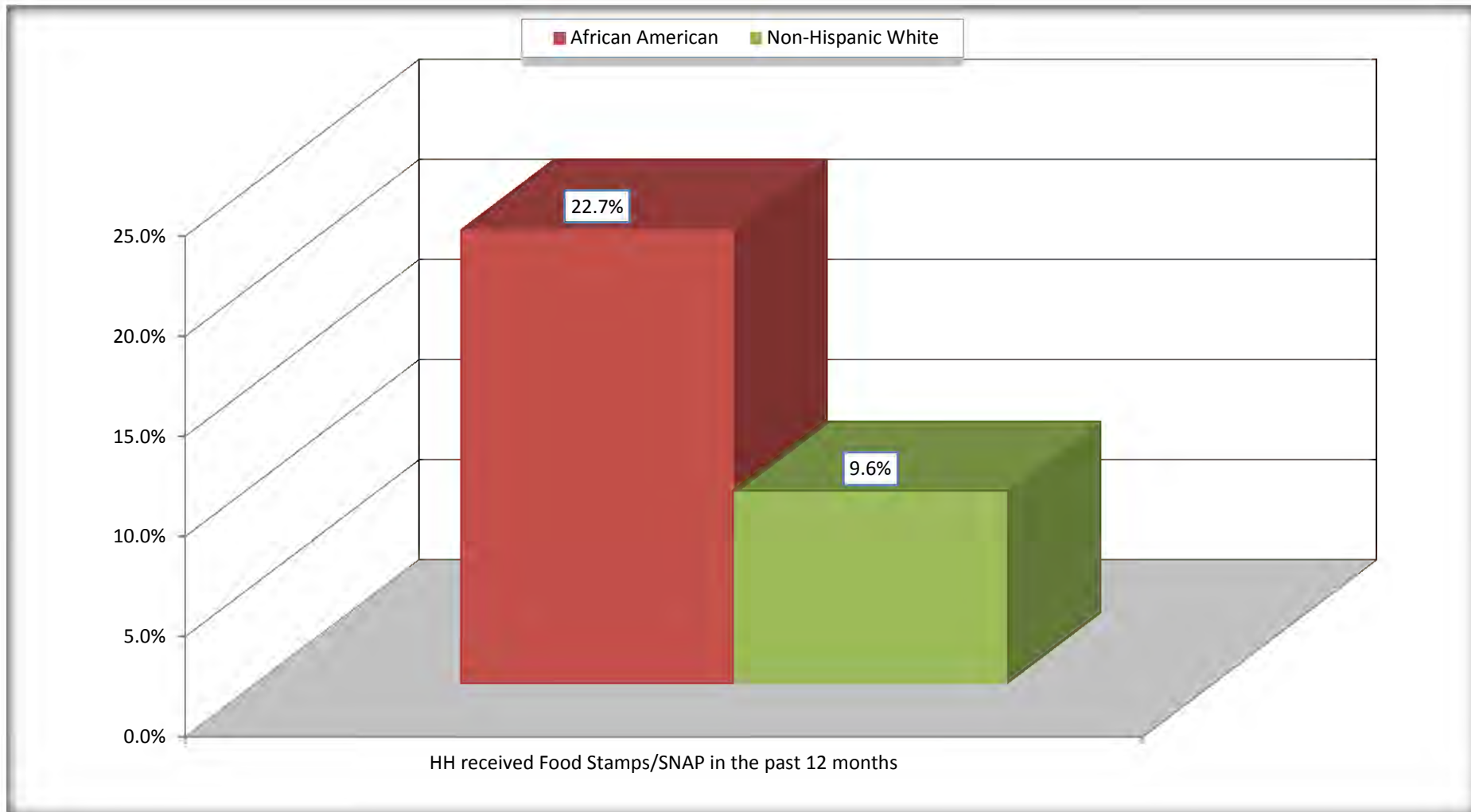
# **Median Household Income in the Past 12 Months** **Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Receipt of Food Stamps/SNAP in the Past 12 Months by Household

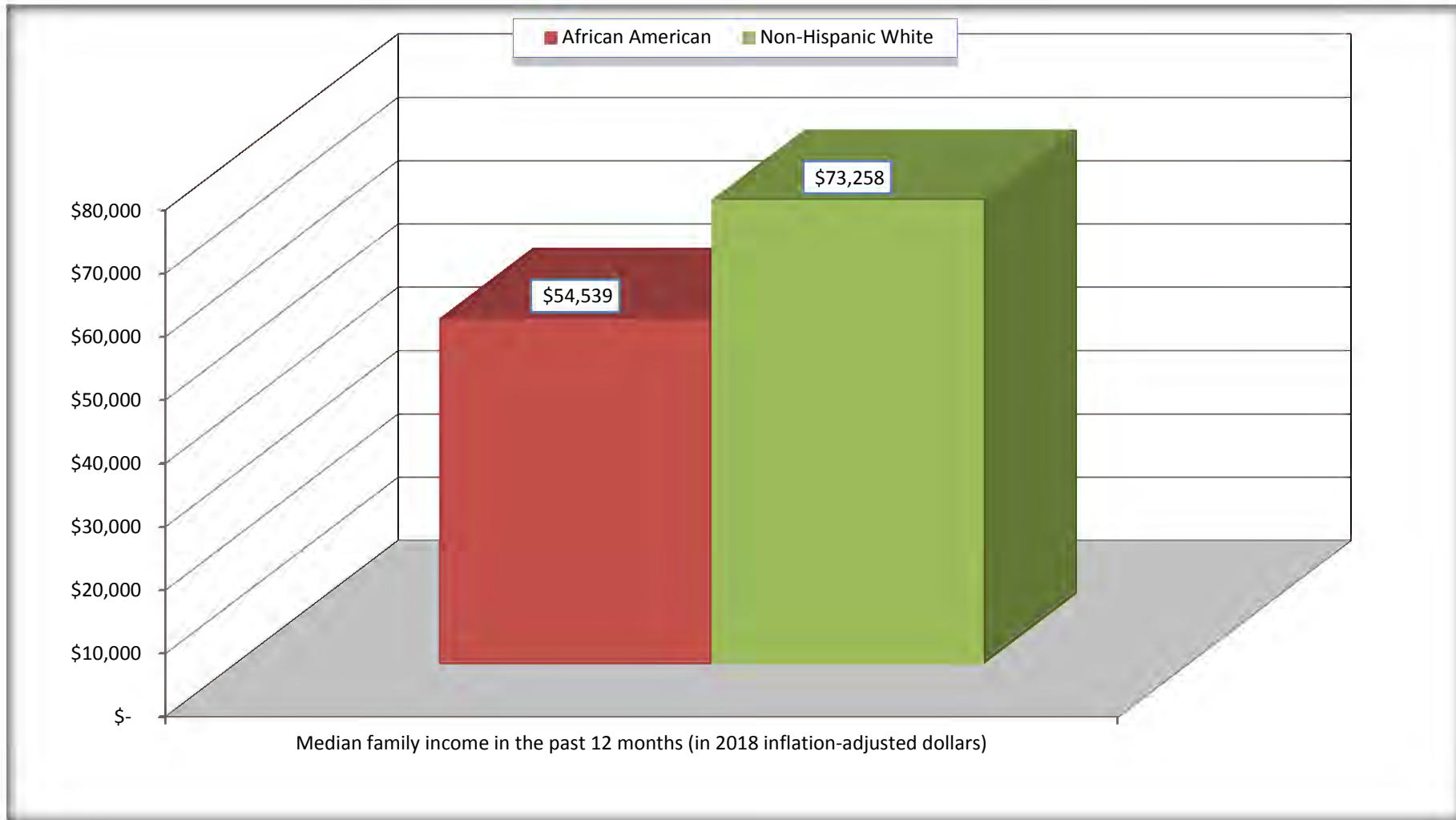
### Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

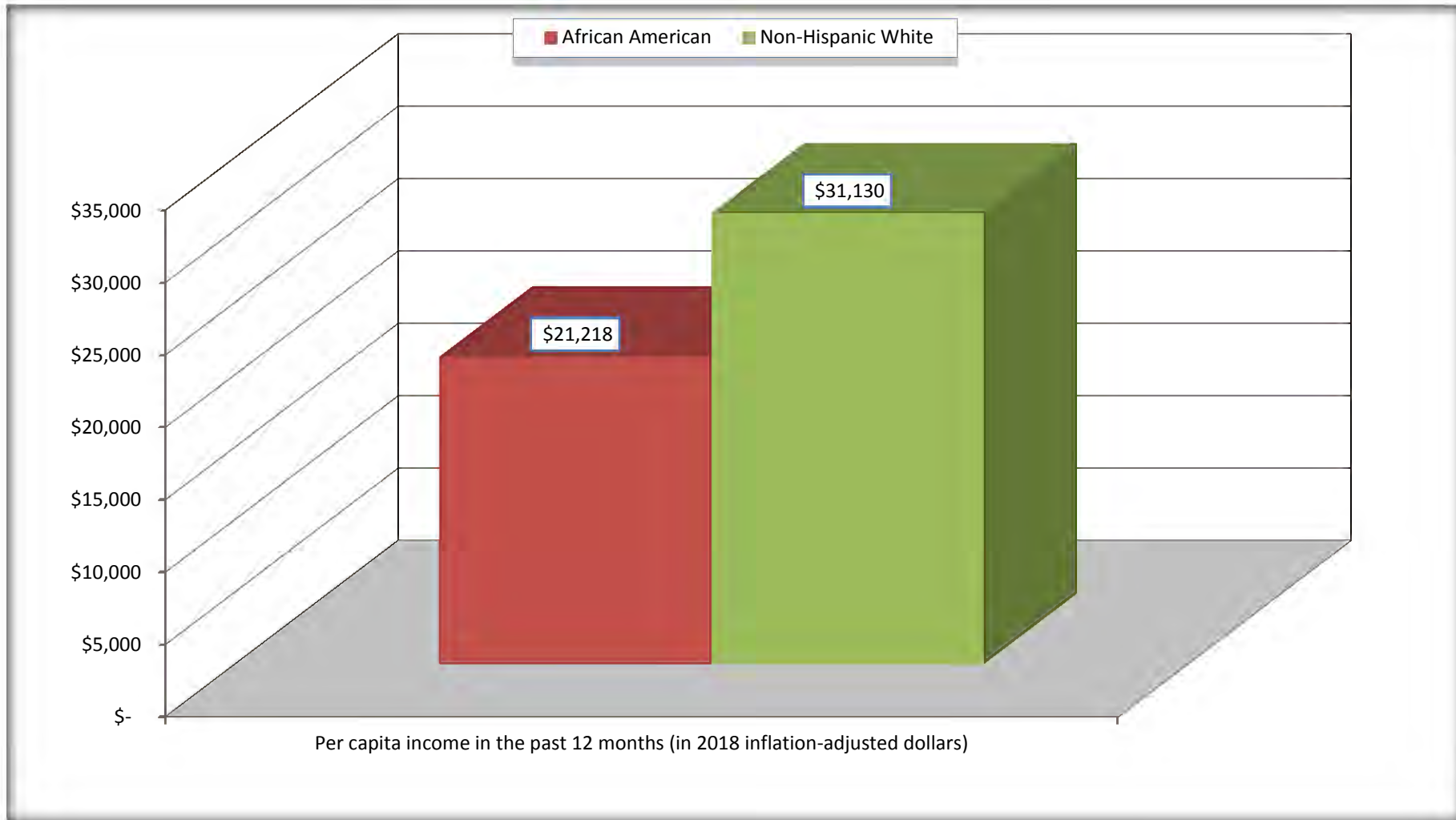
## Median Family Income in the Past 12 Months

### Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

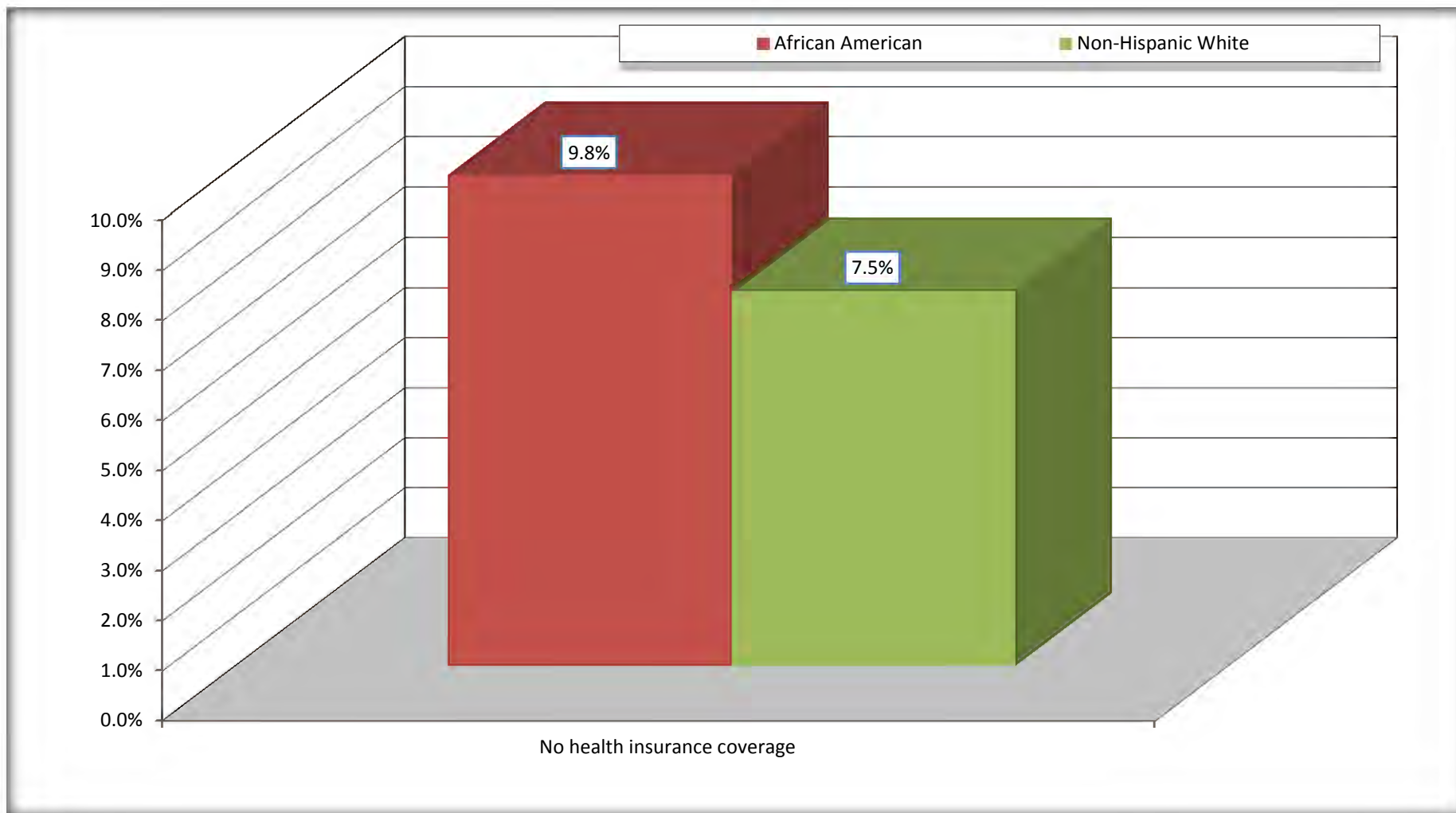
# **Per capita Income in the Past 12 Months** **Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Lack of Health Insurance Coverage -- Civilian Noninstitutionalized Population

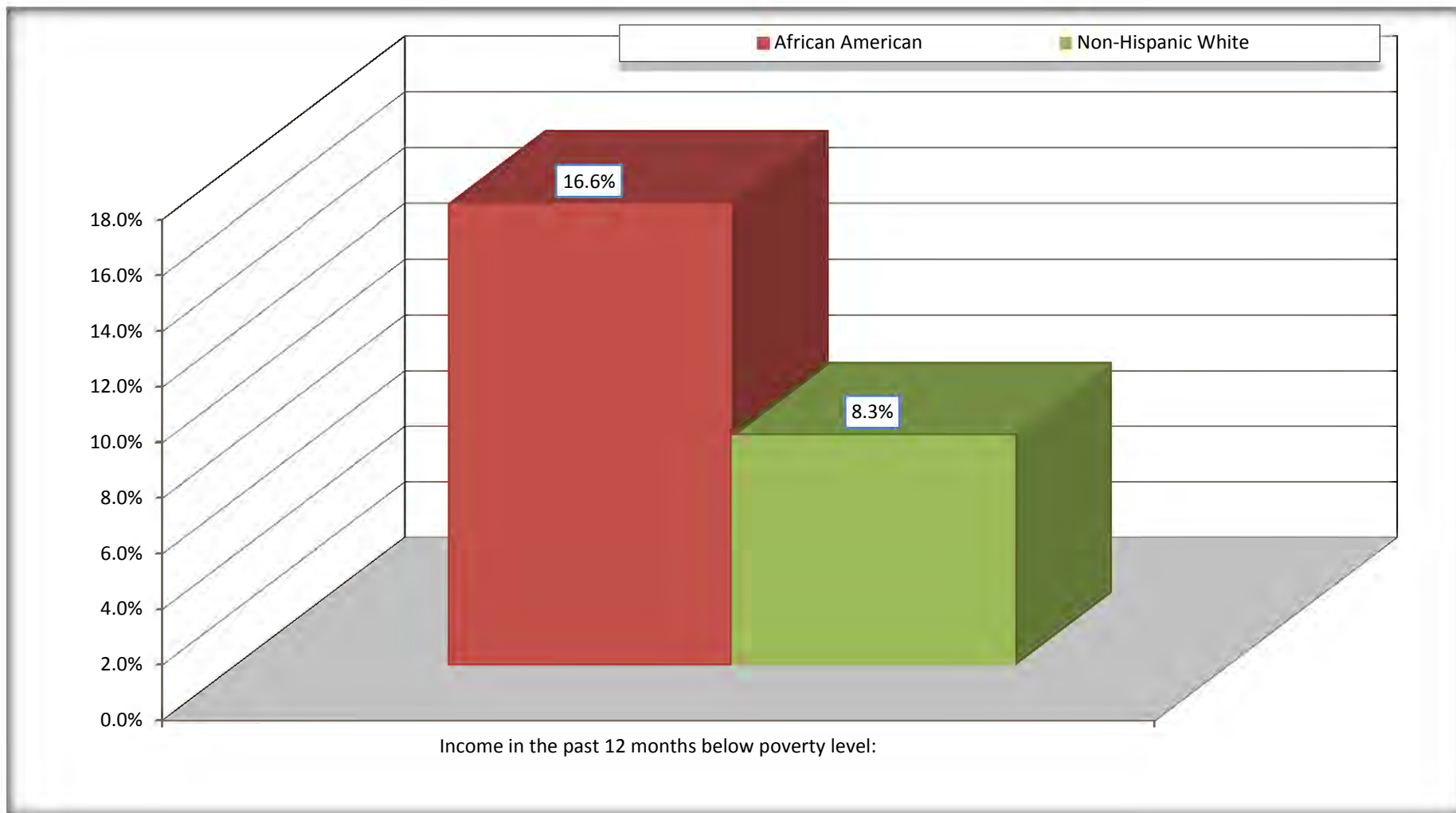
### Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

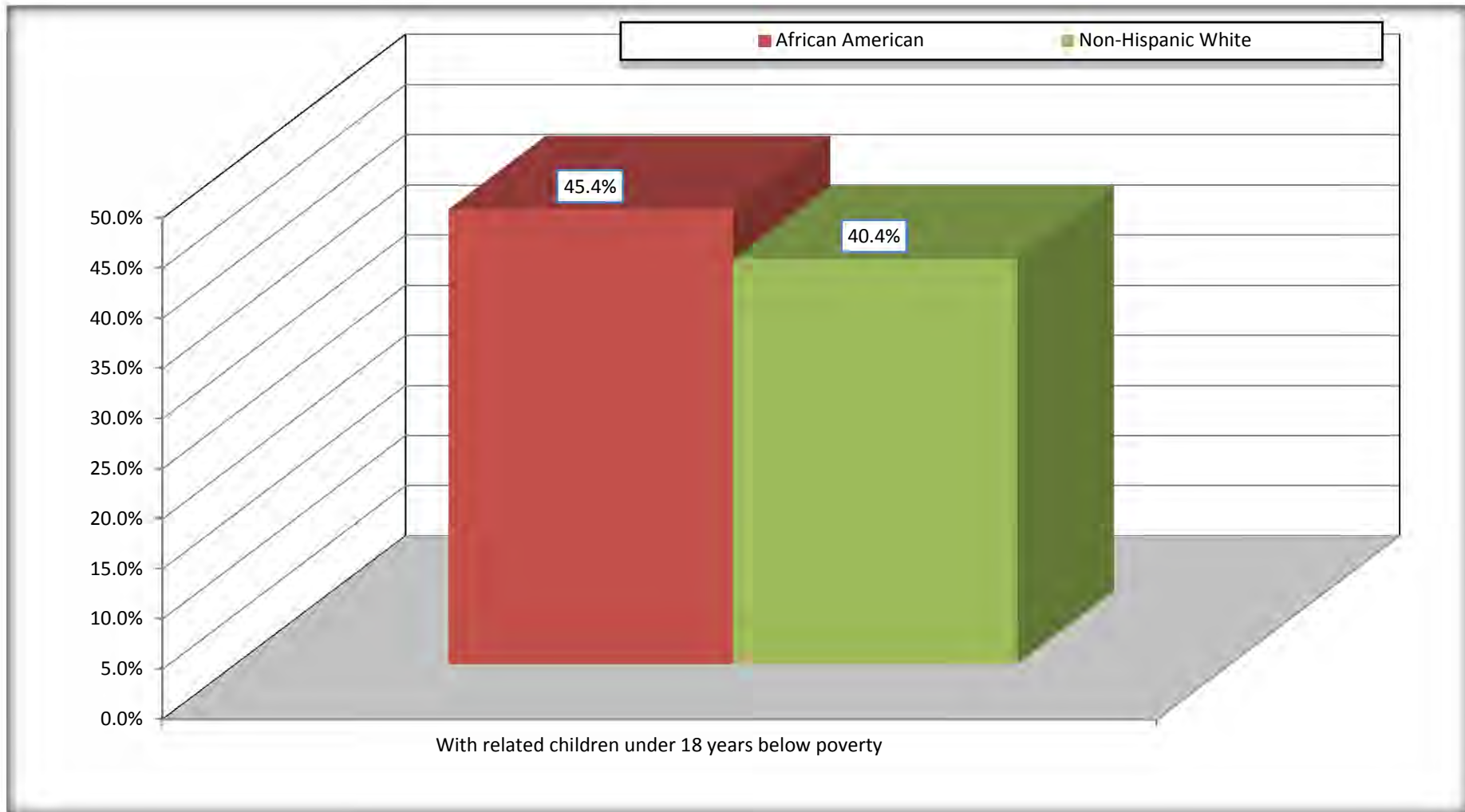
## Family Households Below Poverty in the Past 12 Months

### Congressional District 3 (116th Congress), Alabama



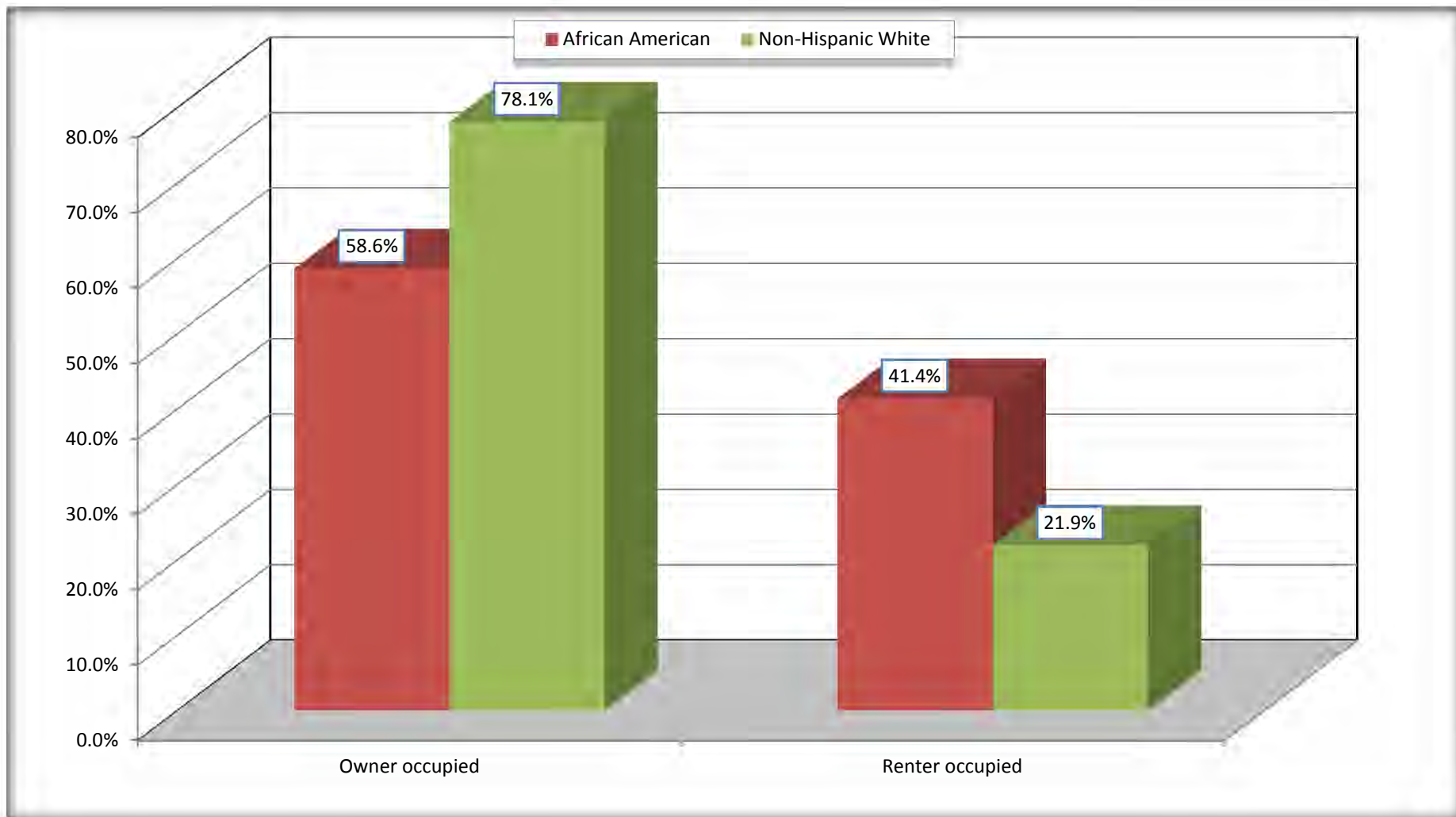
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-headed Households with Related Children Below Poverty in the Past 12 Months**  
**Congressional District 3 (116th Congress), Alabama**



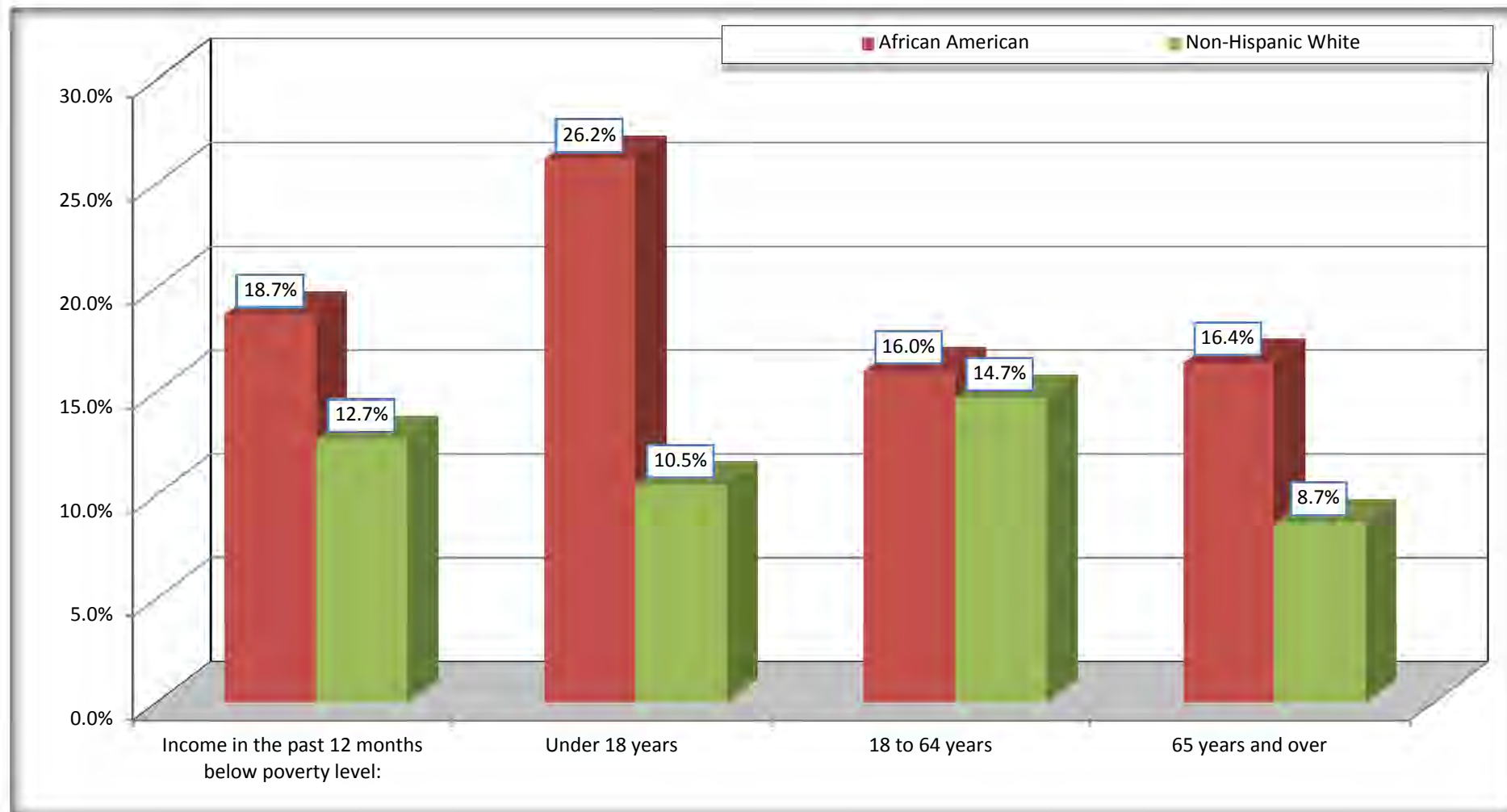
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Home Owners and Renters by Household Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

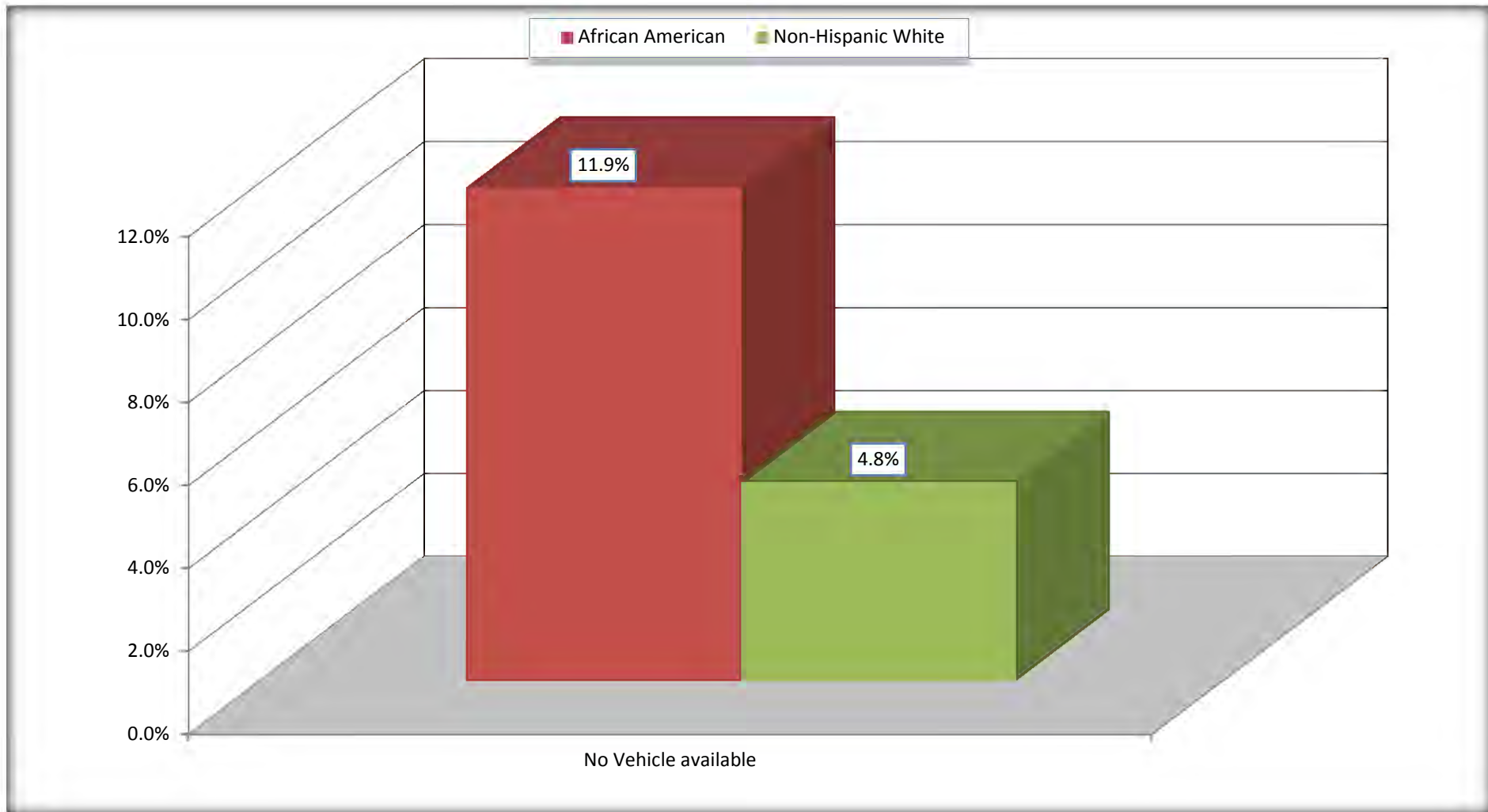
# **Population Below Poverty in the Past 12 Months** **Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

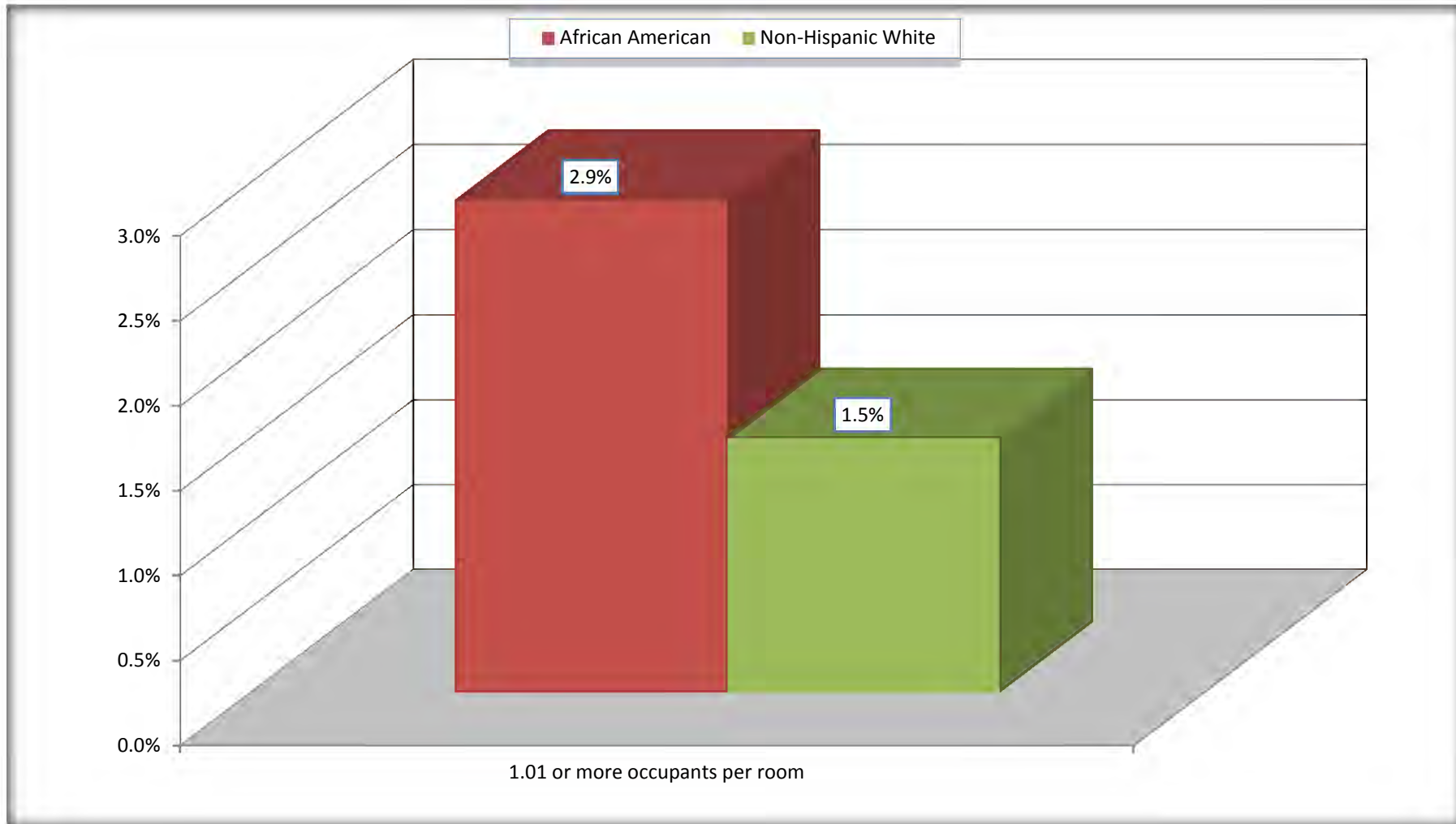
# No Vehicles Available by Household

## Congressional District 3 (116th Congress), Alabama



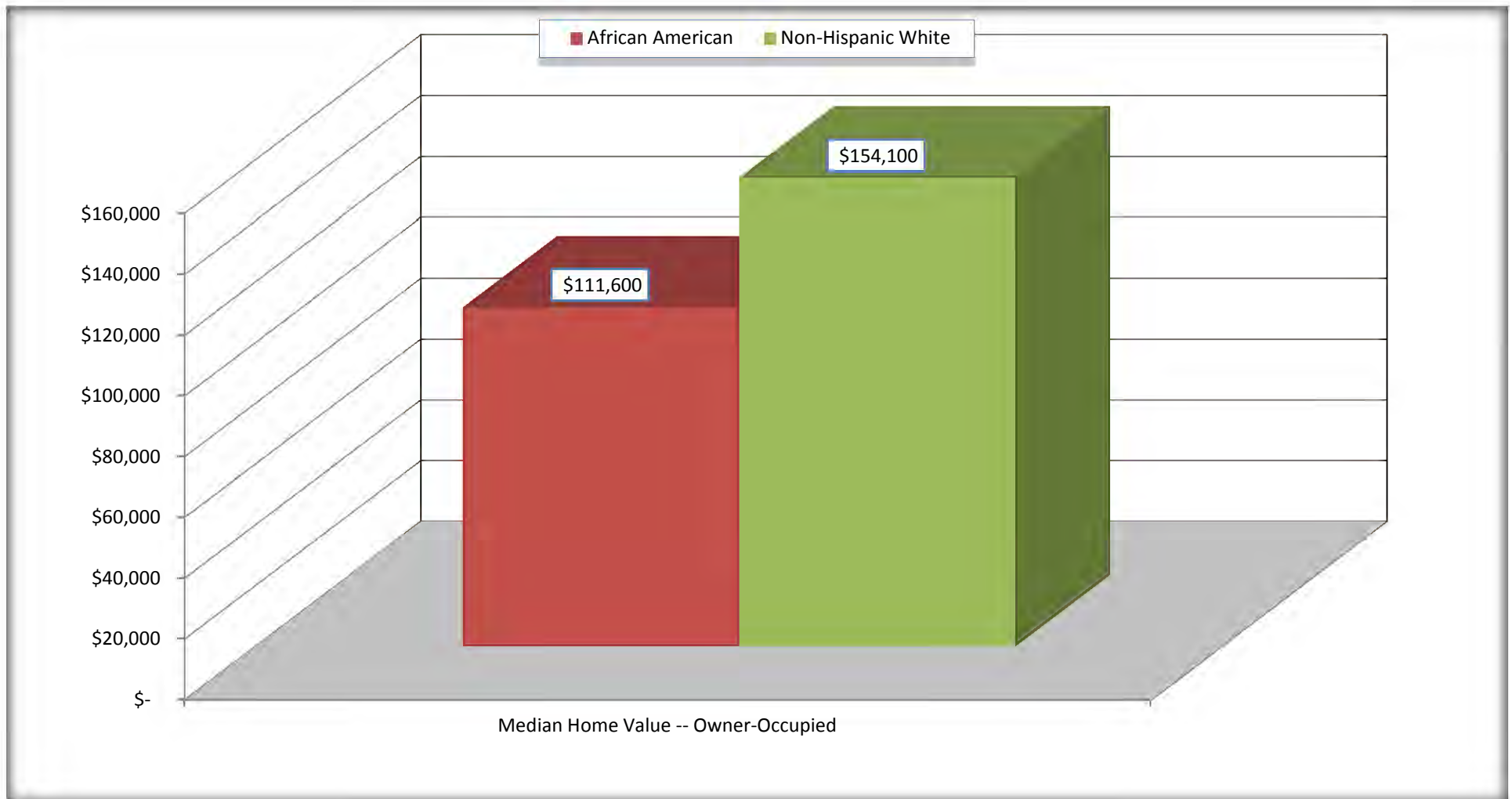
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**More than One Person per Room (Crowding) by Household**  
**Congressional District 3 (116th Congress), Alabama**



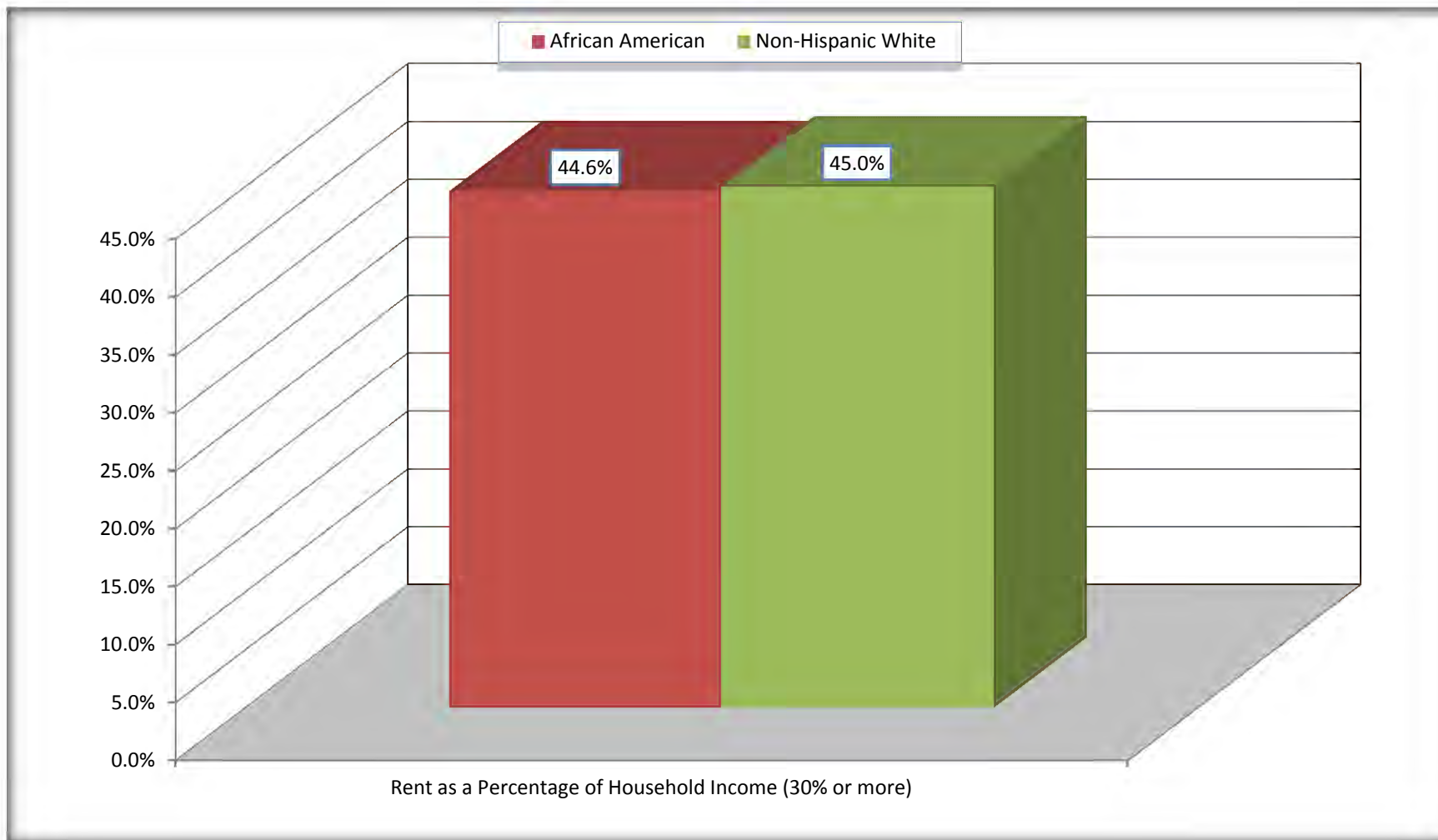
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Median Home Value -- Owner-Occupied**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

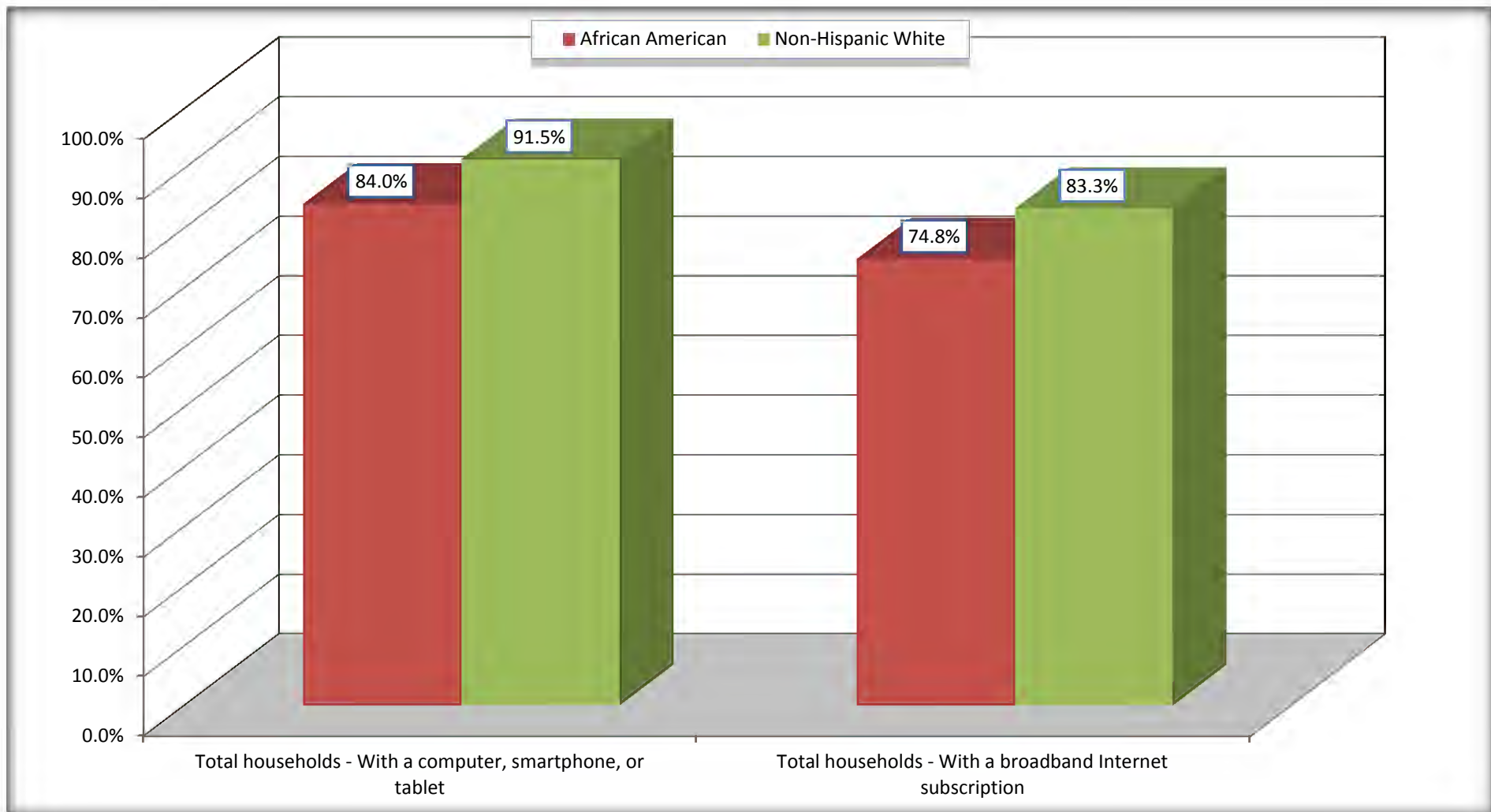
**Rent as a Percentage of Household Income (30% or more) -- Renter-Occupied**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Computers and Internet Use

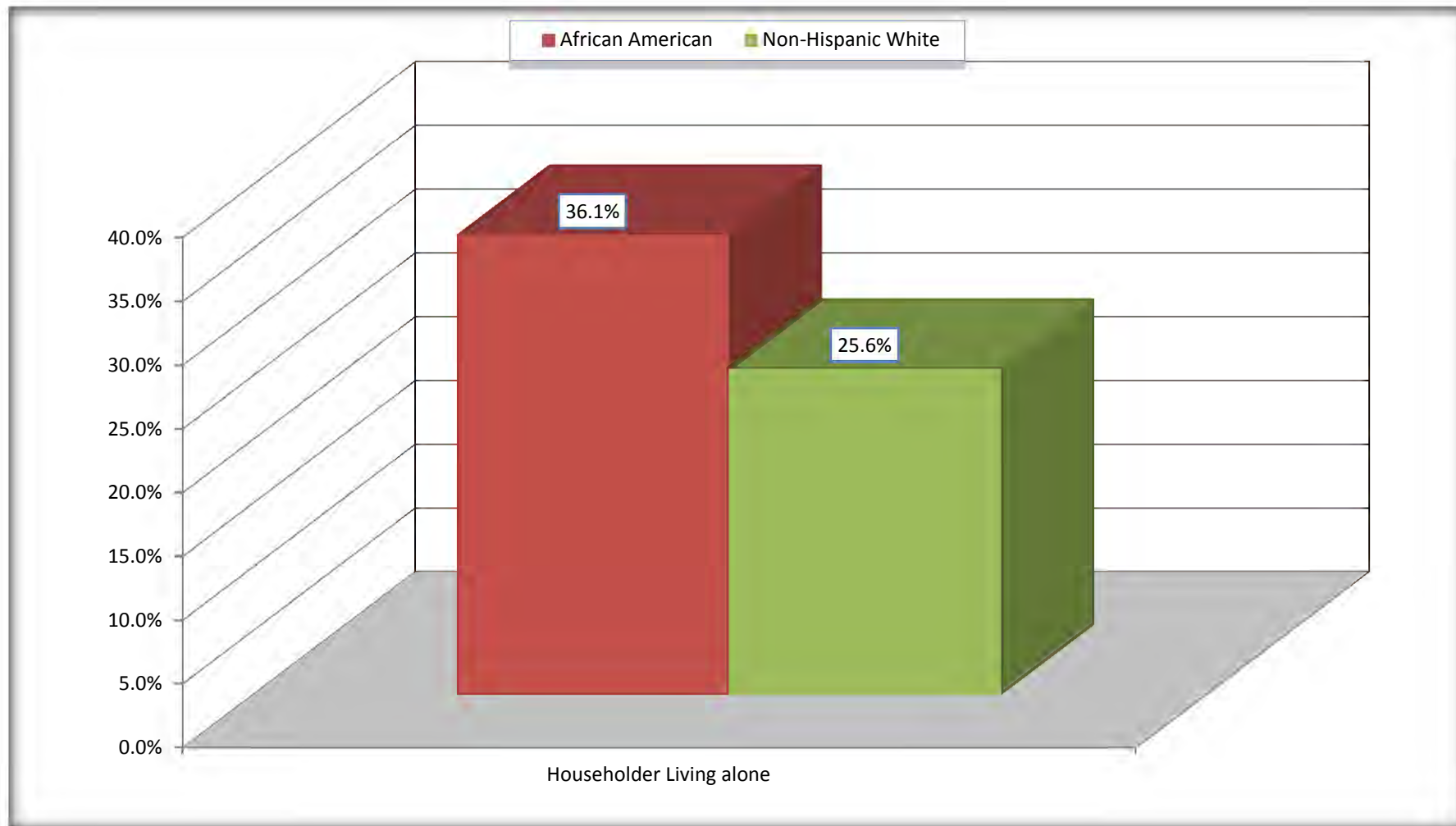
### Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

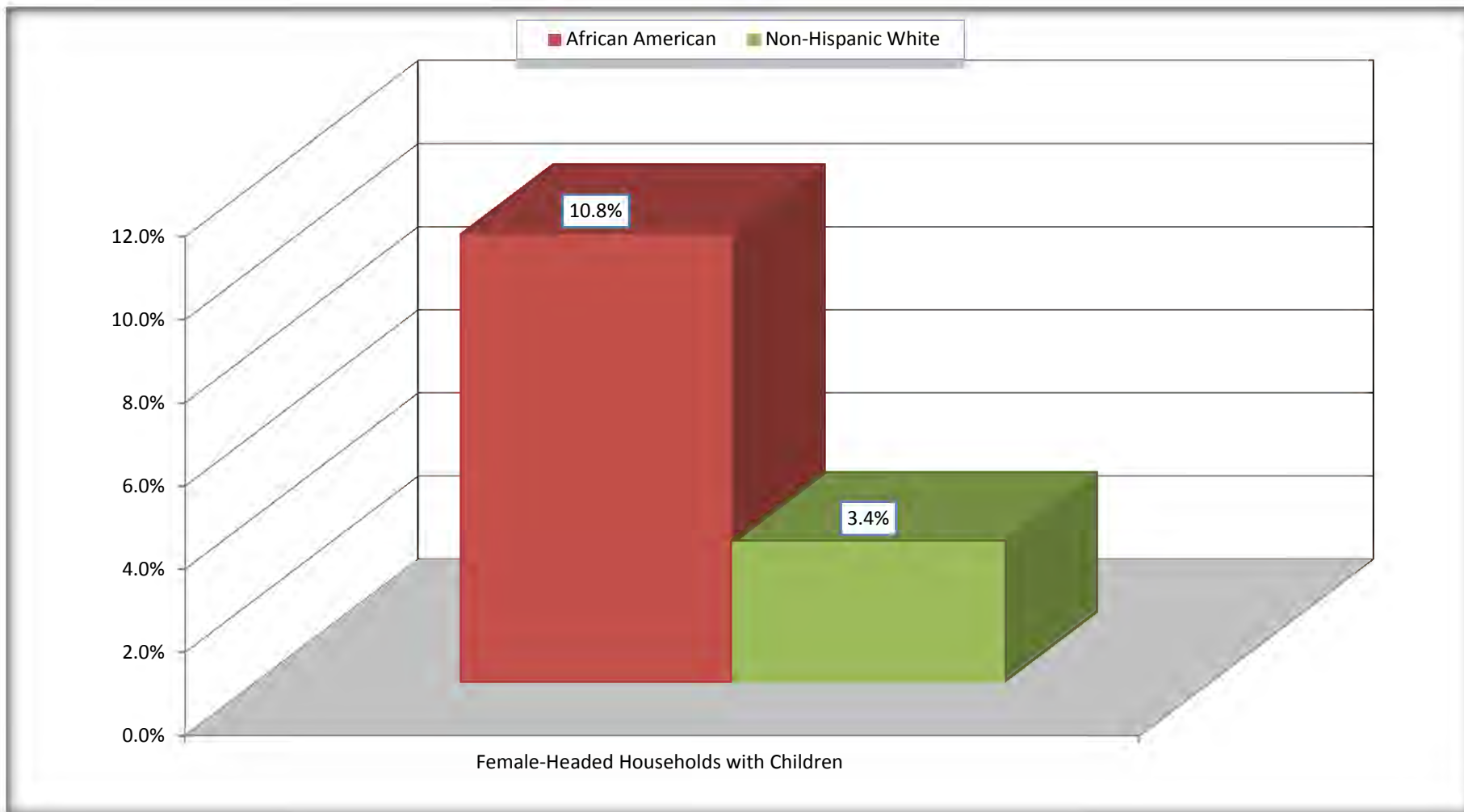
# Households with Householder Living Alone

## Congressional District 3 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-Headed Households with Children Under 18 (As a Percentage of all Households)**  
**Congressional District 3 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Exhibit P-2**

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>TOTAL NUMBER OF RACES REPORTED</b>			
Total population	717,896	196,443	481,246
One race	98.3%	96.0%	100.0%
Two races	1.5%	3.4%	(X)
Three races	0.2%	0.5%	(X)
Four or more races	0.0%	0.0%	(X)
<b>SEX AND AGE</b>			
Total population	717,896	196,443	481,246
Male	48.7%	47.8%	49.0%
Female	51.3%	52.2%	51.0%
Under 5 years	5.4%	5.8%	5.0%
5 to 17 years	16.2%	19.1%	14.5%
18 to 24 years	10.6%	11.6%	10.2%
25 to 34 years	12.7%	13.3%	12.1%
35 to 44 years	12.4%	13.1%	11.7%
45 to 54 years	12.4%	12.3%	12.8%
55 to 64 years	13.4%	13.0%	14.3%
65 to 74 years	10.1%	7.4%	11.5%
75 years and over	6.6%	4.4%	7.9%
Median age (years)	38.9	35.2	41.8
18 years and over	78.3%	75.0%	80.5%
21 years and over	73.2%	68.7%	75.9%
62 years and over	20.9%	15.9%	23.9%
65 years and over	16.7%	11.8%	19.4%
Under 18 years	155,655	49,040	93,726
Male	52.5%	54.6%	51.4%
Female	47.5%	45.4%	48.6%
<b>18 years and over</b>	<b>562,241</b>	<b>147,403</b>	<b>387,520</b>
Male	47.7%	45.5%	48.4%
Female	52.3%	54.5%	51.6%
18 to 34 years	167,367	48,848	107,689
Male	49.5%	45.0%	50.5%
Female	50.5%	55.0%	49.5%
35 to 64 years	274,982	75,395	186,448
Male	48.0%	47.2%	49.0%
Female	52.0%	52.8%	51.0%

	Black or African American alone		White alone, or in combination not Hispanic or Latino
	All Persons		
	Estimate	Estimate	Estimate
<b>65 years and over</b>	<b>119,892</b>	<b>23,160</b>	<b>93,383</b>
Male	44.2%	40.9%	44.9%
Female	55.8%	59.1%	55.1%
<b>RELATIONSHIP</b>			
Population in households	697,214	186,439	471,419
Householder or spouse	59.7%	51.8%	63.5%
Unmarried partner	2.2%	3.3%	1.7%
Child	27.8%	33.0%	25.2%
Other relatives	7.6%	10.4%	6.2%
Other nonrelatives	2.7%	1.5%	3.4%
<b>HOUSEHOLDS BY TYPE</b>			
Households	279,236	72,819	193,275
Family households	66.0%	59.8%	68.3%
With own children of the householder under 18 years	24.5%	24.2%	23.7%
Married-couple family	49.5%	31.5%	56.3%
With own children of the householder under 18 years	16.8%	10.5%	18.5%
Female householder, no spouse present, family	12.4%	23.2%	8.2%
With own children of the householder under 18 years	5.5%	10.8%	3.4%
Nonfamily households	34.0%	40.2%	31.7%
Male householder	15.8%	18.7%	14.3%
Living alone	12.2%	16.1%	10.4%
Not living alone	3.6%	2.6%	4.0%
Female householder	18.2%	21.5%	17.3%
Living alone	16.2%	20.0%	15.2%
Not living alone	2.0%	1.5%	2.2%
Average household size	2.50	2.47	2.49
Average family size	3.08	3.28	3.00
<b>MARITAL STATUS</b>			
Population 15 years and over	588,556	156,505	403,162
Now married, except separated	49.5%	32.2%	56.2%
Widowed	6.0%	5.4%	6.5%
Divorced	11.0%	11.0%	11.2%
Separated	2.3%	4.4%	1.5%
Never married	31.2%	46.9%	24.6%
Male 15 years and over	282,149	72,134	195,366
Now married, except separated	51.6%	36.4%	57.8%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Widowed	2.6%	2.6%	2.8%
Divorced	9.6%	8.2%	10.4%
Separated	1.9%	4.7%	1.0%
Never married	34.2%	48.1%	28.0%
Female 15 years and over	306,407	84,371	207,796
Now married, except separated	47.5%	28.5%	54.6%
Widowed	9.2%	7.8%	10.1%
Divorced	12.3%	13.5%	11.9%
Separated	2.6%	4.2%	2.0%
Never married	28.5%	45.9%	21.4%
<b>SCHOOL ENROLLMENT</b>			
Population 3 years and over enrolled in school	184,664	60,062	111,412
Nursery school, preschool	4.8%	3.4%	5.6%
Kindergarten	5.6%	7.7%	4.3%
Elementary school (grades 1-8)	38.4%	36.6%	38.0%
High school (grades 9-12)	18.2%	18.6%	18.5%
College or graduate school	33.1%	33.7%	33.6%
Male 3 years and over enrolled in school	89,602	28,139	55,450
Percent enrolled in kindergarten to grade 12	66.1%	72.5%	62.0%
Percent enrolled in college or graduate school	28.9%	23.4%	32.2%
Female 3 years and over enrolled in school	95,062	31,923	55,962
Percent enrolled in kindergarten to grade 12	58.3%	54.4%	59.6%
Percent enrolled in college or graduate school	37.0%	42.8%	35.0%
<b>EDUCATIONAL ATTAINMENT</b>			
Population 25 years and over	485,973	124,658	338,290
Less than high school diploma	14.9%	18.0%	13.1%
High school graduate (includes equivalency)	30.9%	32.8%	31.5%
Some college or associate's degree	30.2%	30.8%	30.4%
Bachelor's degree	13.6%	11.3%	14.1%
Graduate or professional degree	10.4%	7.0%	10.9%
High school graduate or higher	85.1%	82.0%	86.9%
Male, high school graduate or higher	84.0%	79.3%	86.1%
Female, high school graduate or higher	86.1%	84.3%	87.8%
Bachelor's degree or higher	24.0%	18.3%	25.0%
Male, bachelor's degree or higher	22.8%	16.4%	23.9%
Female, bachelor's degree or higher	25.0%	20.0%	26.1%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>FERTILITY</b>			
Women 15 to 50 years	169,810	51,602	108,523
Women 15 to 50 years who had a birth in the past 12 months	11,065	3,618	6,775
Unmarried women 15 to 50 years who had a birth in the past 12 months	5,793	2,775	2,888
As a percent of all women with a birth in the past 12 months	52.4%	76.7%	42.6%
<b>RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS</b>			
Population 30 years and over	440,470	112,941	308,075
Grandparents living with grandchild(ren)	4.2%	4.4%	4.3%
Grandparents responsible for grandchildren as a percentage of living with grandchildren	43.5%	46.8%	43.6%
<b>VETERAN STATUS</b>			
Civilian population 18 years and over	557,970	146,436	384,525
Civilian veteran	8.3%	9.0%	8.1%
<b>DISABILITY STATUS</b>			
Total civilian noninstitutionalized population	703,954	190,849	473,445
With a disability	17.7%	17.8%	18.3%
Civilian noninstitutionalized population under 18 years	155,196	48,745	93,562
With a disability	3.9%	5.5%	3.2%
Civilian noninstitutionalized population 18 to 64 years	431,480	119,682	288,352
With a disability	16.1%	17.3%	16.2%
Civilian noninstitutionalized population 65 years and older	117,278	22,422	91,531
With a disability	41.6%	47.3%	40.5%
<b>RESIDENCE 1 YEAR AGO</b>			
Population 1 year and over	709,848	193,883	476,638
Same house	86.0%	88.2%	85.3%
Different house in the U.S.	13.7%	11.6%	14.4%
Same county	7.7%	6.2%	8.1%
Different county	6.0%	5.5%	6.3%
Same state	3.5%	3.4%	3.6%
Different state	2.5%	2.1%	2.8%
Abroad	0.3%	0.1%	0.3%
<b>PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY</b>			
Native	694,605	194,025	476,705
Male	48.8%	48.1%	49.0%
Female	51.2%	51.9%	51.0%
Foreign born	23,291	2,418	4,541
Male	45.5%	22.0%	46.1%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female	54.5%	78.0%	53.9%
Foreign born; naturalized U.S. citizen	9,067	1,614	2,690
Male	43.4%	23.6%	45.5%
Female	56.6%	76.4%	54.5%
Foreign born; not a U.S. citizen	14,224	804	1,851
Male	46.8%	18.8%	47.1%
Female	53.2%	81.2%	52.9%
Population born outside the United States	23,291	2,418	4,541
Entered 2010 or later	44.4%	33.1%	25.8%
Entered 2000 to 2009	21.2%	26.1%	11.1%
Entered before 2000	34.3%	40.8%	63.2%
<b>WORLD REGION OF BIRTH OF FOREIGN BORN</b>			
Foreign-born population excluding population born at sea	23,291	2,418	4,541
Europe	13.9%	N	64.7%
Asia	49.9%	N	20.2%
Africa	6.7%	N	10.3%
Oceania	0.0%	N	0.0%
Latin America	26.9%	N	0.0%
Northern America	2.6%	N	4.8%
<b>LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH</b>			
Population 5 years and over	678,872	184,993	457,381
English only	94.5%	97.4%	98.1%
Language other than English	5.5%	2.6%	1.9%
Speak English less than "very well"	1.6%	N	0.2%
<b>EMPLOYMENT STATUS</b>			
Population 16 years and over	578,746	152,898	397,665
In labor force	58.2%	59.3%	57.6%
Civilian labor force	57.4%	58.6%	56.8%
Employed	54.1%	53.6%	54.2%
Unemployed	3.4%	5.0%	2.6%
Unemployment Rate	5.9%	8.5%	4.5%
Armed Forces	0.7%	0.6%	0.8%
Not in labor force	41.8%	40.7%	42.4%
Females 16 years and over	301,854	83,018	204,770
In labor force	52.7%	56.9%	51.0%
Civilian labor force	52.5%	56.7%	50.8%

	Black or African American alone		White alone, or in combination	not Hispanic or Latino
	All Persons			
	Estimate		Estimate	Estimate
Employed	49.2%		51.7%	48.4%
Unemployed	3.3%		5.0%	2.5%
Unemployment Rate	6.4%		8.9%	4.8%
<b>COMMUTING TO WORK</b>				
Workers 16 years and over	311,410		79,872	216,120
Car, truck, or van - drove alone	83.7%		82.8%	84.5%
Car, truck, or van - carpooled	10.3%		11.5%	9.6%
Public transportation (excluding taxicab)	0.4%		0.7%	0.3%
Walked	1.8%		2.0%	1.4%
Other means	1.0%		1.1%	0.9%
Worked from home	2.9%		1.9%	3.4%
Mean travel time to work (minutes)	26.0	23.4		27.0
<b>OCCUPATION</b>				
Civilian employed population 16 years and over	312,851		81,976	215,648
Management, business, science, and arts occupations	35.1%		26.4%	37.5%
Service occupations	16.3%		19.8%	14.5%
Sales and office occupations	18.7%		16.3%	20.3%
Natural resources, construction, and maintenance occupations	10.1%		7.0%	11.3%
Production, transportation, and material moving occupations	19.8%		30.5%	16.3%
Male civilian employed population 16 years and over	164,425		39,068	116,585
Management, business, science, and arts occupations	30.4%		19.4%	32.7%
Service occupations	13.5%		17.4%	12.2%
Sales and office occupations	10.2%		7.9%	11.0%
Natural resources, construction, and maintenance occupations	18.5%		13.7%	20.5%
Production, transportation, and material moving occupations	27.5%		41.6%	23.5%
Female civilian employed population 16 years and over	148,426		42,908	99,063
Management, business, science, and arts occupations	40.4%		32.8%	43.2%
Service occupations	19.4%		21.9%	17.3%
Sales and office occupations	28.2%		24.0%	31.3%
Natural resources, construction, and maintenance occupations	0.6%		0.9%	0.5%
Production, transportation, and material moving occupations	11.4%		20.4%	7.8%
<b>INDUSTRY</b>				
Civilian employed population 16 years and over	312,851		81,976	215,648
Agriculture, forestry, fishing and hunting, and mining	1.1%		0.9%	1.1%
Construction	7.7%		4.6%	8.9%
Manufacturing	17.2%		24.2%	14.0%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Wholesale trade	3.0%	2.0%	3.5%
Retail trade	10.1%	10.2%	10.5%
Transportation and warehousing, and utilities	4.5%	4.2%	4.8%
Information	1.2%	1.2%	1.2%
Finance and insurance, and real estate and rental and leasing	6.0%	5.4%	6.4%
Professional, scientific, and management, and administrative and waste managemen	8.2%	6.0%	8.4%
Educational services, and health care and social assistance	23.0%	22.5%	23.3%
Arts, entertainment, and recreation, and accommodation and food services	8.1%	9.1%	7.6%
Other services (except public administration)	4.0%	2.5%	4.7%
Public administration	6.0%	7.3%	5.6%
<b>CLASS OF WORKER</b>			
Civilian employed population 16 years and over	312,851	81,976	215,648
Private wage and salary workers	75.5%	75.9%	75.4%
Government workers	19.0%	21.8%	17.8%
Self-employed workers in own not incorporated business	5.3%	2.3%	6.4%
Unpaid family workers	0.2%	0.0%	0.3%
<b>INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)</b>			
Households	279,236	72,819	193,275
Median household income (dollars)	51,925	37,476	58,279
With earnings	72.7%	72.9%	72.1%
Mean earnings (dollars)	69,461	52,308	76,298
With Social Security income	35.9%	34.2%	37.4%
Mean Social Security income (dollars)	19,017	14,238	20,792
With Supplemental Security Income	6.7%	8.8%	6.3%
Mean Supplemental Security Income (dollars)	9,017	7,850	9,685
With cash public assistance income	0.9%	1.2%	0.7%
Mean cash public assistance income (dollars)	2,732	3,890	2,154
With retirement income	26.7%	23.2%	29.1%
Mean retirement income (dollars)	24,448	19,998	25,610
With Food Stamp/SNAP benefits	13.2%	22.7%	9.6%
Families	184,320	43,577	132,059
Median family income (dollars)	67,624	54,539	73,258
Married-couple family	74.9%	52.6%	82.5%
Median income (dollars)	80,204	71,663	82,650
Male householder, no spouse present, family	6.3%	8.7%	5.6%
Median income (dollars)	51,580	60,944	38,946

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female householder, no husband present, family	18.7%	38.7%	12.0%
Median income (dollars)	31,175	31,009	31,582
Individuals	717,896	196,443	481,246
Per capita income (dollars)	27,867	21,218	31,130
With earnings for full-time, year-round workers:			
Male	135,041	31,383	96,120
Female	102,661	29,459	69,675
Mean earnings (dollars) for full-time, year-round workers:			
Male	61,102	46,387	66,083
Female	43,044	35,741	46,019
Median earnings (dollars) full-time, year-round workers:			
Male	50,151	40,283	52,527
Female	37,234	32,094	40,175
<b>HEALTH INSURANCE COVERAGE</b>			
Civilian noninstitutionalized population	703,954	190,849	473,445
With private health insurance	68.7%	60.4%	72.9%
With public coverage	36.8%	40.6%	35.4%
No health insurance coverage	8.5%	9.8%	7.5%
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>			
All families	10.8%	16.6%	8.3%
With related children of the householder under 18 years	15.9%	24.8%	11.2%
With related children of the householder under 5 years only	13.8%	17.1%	11.4%
Married-couple family	6.1%	8.6%	5.3%
With related children of the householder under 18 years	6.5%	7.0%	5.4%
With related children of the householder under 5 years only	7.4%	N	N
Female householder, no spouse present, family	30.1%	29.1%	28.9%
With related children of the householder under 18 years	44.2%	45.4%	40.4%
With related children of the householder under 5 years only	50.3%	49.2%	48.6%
All people	15.0%	18.7%	12.7%
Under 18 years	17.4%	26.2%	10.5%
Related children of the householder under 18 years	17.3%	26.2%	10.3%
Related children of the householder under 5 years	19.9%	30.4%	11.2%
Related children of the householder 5 to 17 years	16.4%	24.9%	10.0%
18 years and over	14.3%	16.0%	13.2%
18 to 64 years	15.4%	16.0%	14.7%
65 years and over	10.2%	16.4%	8.7%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
People in families	10.8%	16.1%	7.8%
Unrelated individuals 15 years and over	33.4%	28.9%	34.7%
<b>HOUSING TENURE</b>			
Occupied housing units	279,236	72,819	193,275
Owner-occupied housing units	71.6%	58.6%	78.1%
Renter-occupied housing units	28.4%	41.4%	21.9%
Average household size of owner-occupied unit	2.55	2.53	2.54
Average household size of renter-occupied unit	2.36	2.38	2.31
<b>UNITS IN STRUCTURE</b>			
Occupied housing units	279,236	72,819	193,275
1-unit, detached or attached	69.3%	65.8%	71.8%
2 to 4 units	4.1%	8.4%	2.3%
5 or more units	9.2%	11.8%	7.3%
Mobile home, boat, RV, van, etc.	17.5%	14.0%	18.6%
<b>YEAR STRUCTURE BUILT</b>			
Occupied housing units	279,236	72,819	193,275
Built 2014 or later	6.3%	4.3%	6.7%
Built 2010 to 2013	4.2%	4.5%	3.9%
Built 2000 to 2009	18.2%	14.5%	19.0%
Built 1980 to 1999	32.9%	28.6%	34.9%
Built 1960 to 1979	23.2%	29.7%	21.1%
Built 1940 to 1959	11.1%	14.2%	10.3%
Built 1939 or earlier	4.0%	4.2%	4.0%
<b>VEHICLES AVAILABLE</b>			
Occupied housing units	279,236	72,819	193,275
None	6.9%	11.9%	4.8%
1 or more	93.1%	88.1%	95.2%
<b>HOUSE HEATING FUEL</b>			
Occupied housing units	279,236	72,819	193,275
Gas	29.2%	33.4%	28.2%
Electricity	68.8%	66.0%	69.4%
All other fuels	1.6%	0.5%	2.1%
No fuel used	0.3%	0.1%	0.4%
<b>SELECTED CHARACTERISTICS</b>			
Occupied housing units	279,236	72,819	193,275
No telephone service available	1.3%	1.6%	1.1%

	All Persons	Black or African American alone or in combination	White alone, not Hispanic or Latino
	Estimate	Estimate	Estimate
1.01 or more occupants per room	2.0%	2.9%	1.5%
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Housing units with a mortgage (excluding units where SMOC cannot be computed)	109,894	23,552	82,128
Less than 30 percent	75.3%	68.1%	77.0%
30 percent or more	24.7%	31.9%	23.0%
<b>OWNER CHARACTERISTICS</b>			
Owner-occupied housing units	200,055	42,645	150,913
Median value (dollars)	144,700	111,600	154,100
Median selected monthly owner costs with a mortgage (dollars)	1,141	1,019	1,166
Median selected monthly owner costs without a mortgage (dollars)	350	357	349
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Occupied units paying rent (excluding units where GRAPL cannot be computed)	70,294	27,096	37,098
Less than 30 percent	55.0%	55.4%	55.0%
30 percent or more	45.0%	44.6%	45.0%
<b>GROSS RENT</b>			
Occupied units paying rent	72,254	28,033	38,121
Median gross rent (dollars)	771	740	790
<b>COMPUTERS AND INTERNET USE</b>			
Total households	279,236	72,819	193,275
With a computer	89.6%	84.0%	91.5%
With a broadband Internet subscription	80.7%	74.8%	83.3%

###

# **Exhibit Q-1**

## **Selected Socio-Economic Data**

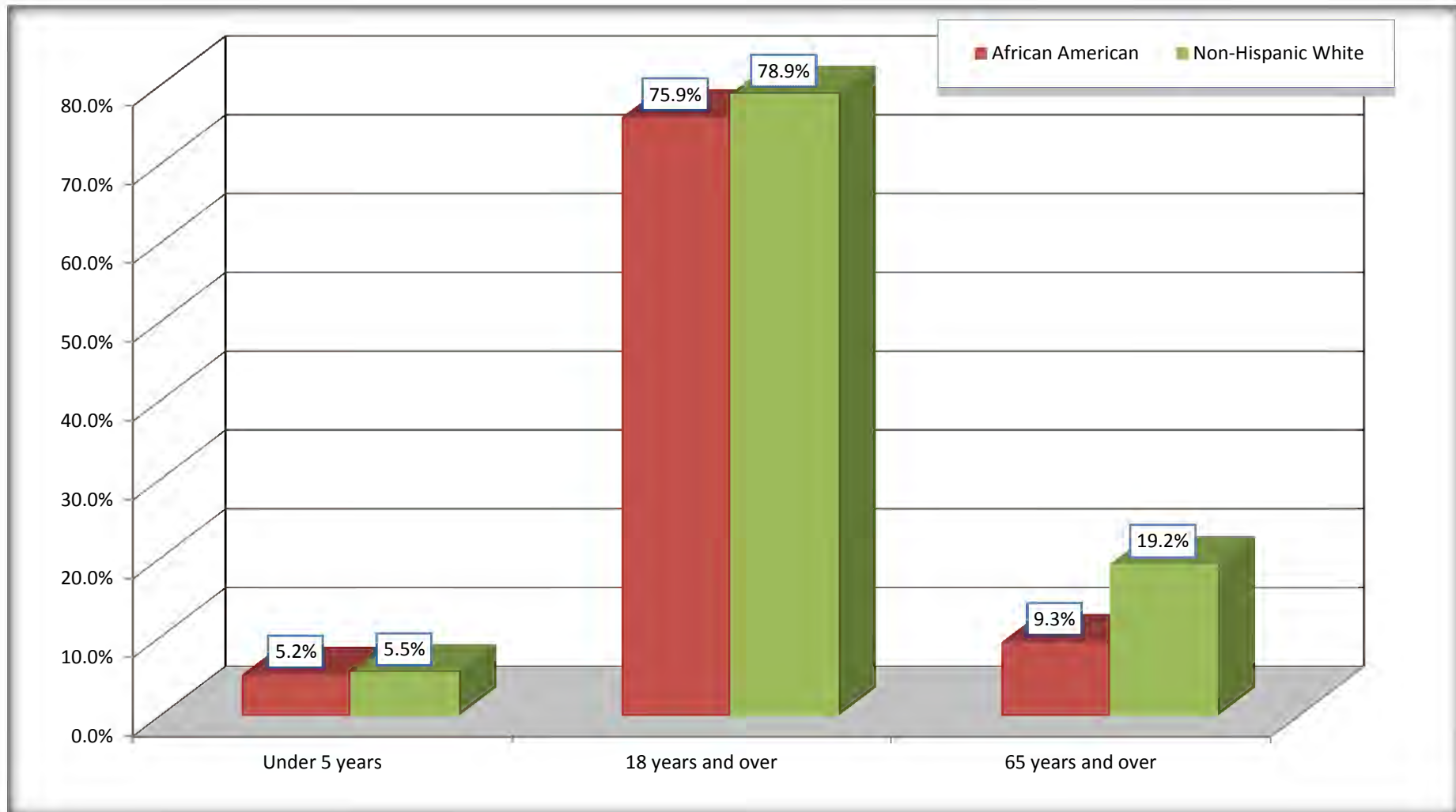
### **Congressional District 6 (116th Congress), Alabama**

**Any Part African American vis-à-vis NH White**

**Data Set: 2019 American Community Survey 1-Year Estimates**

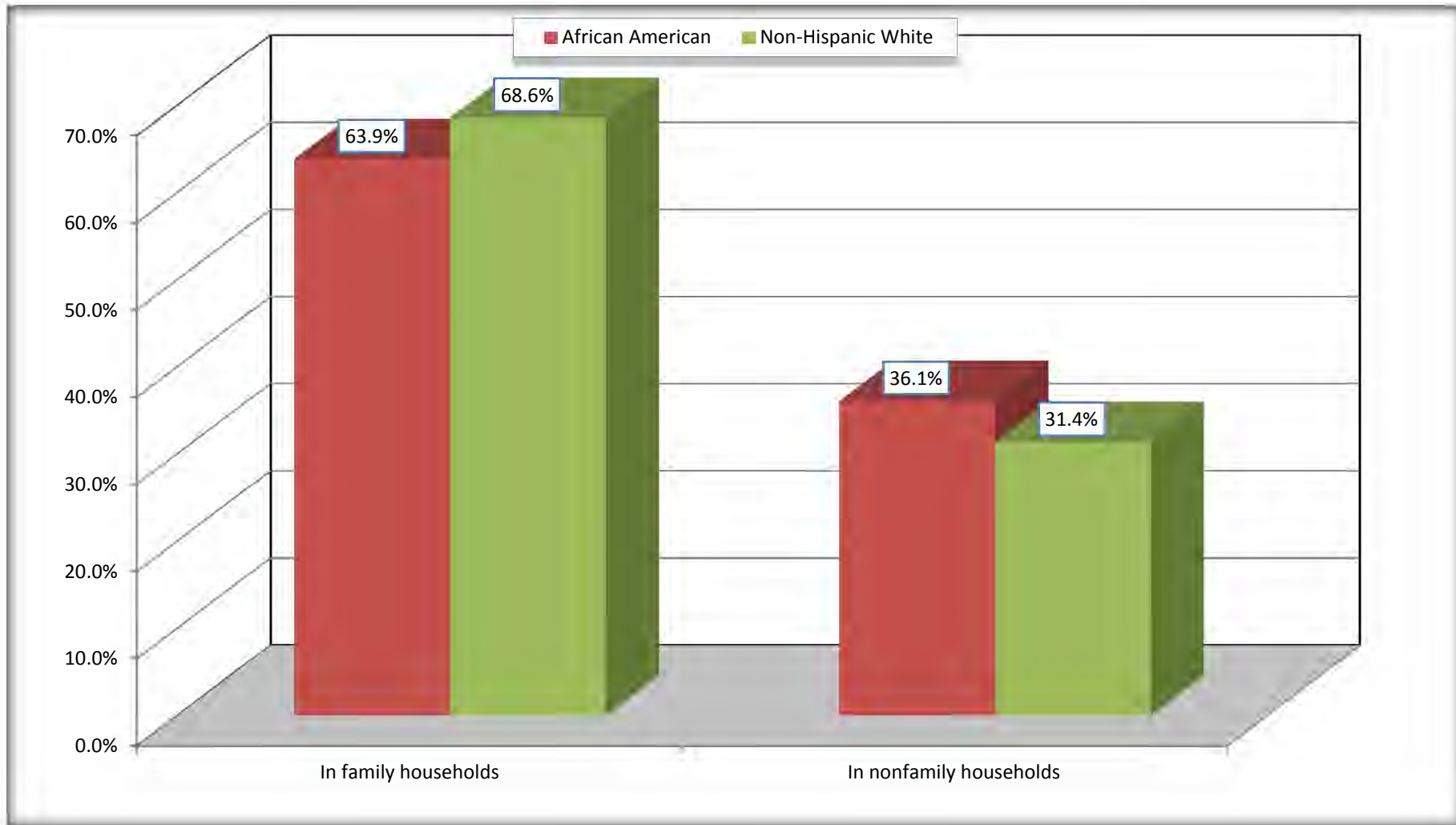
### Population by Age

#### Congressional District 6 (116th Congress), Alabama



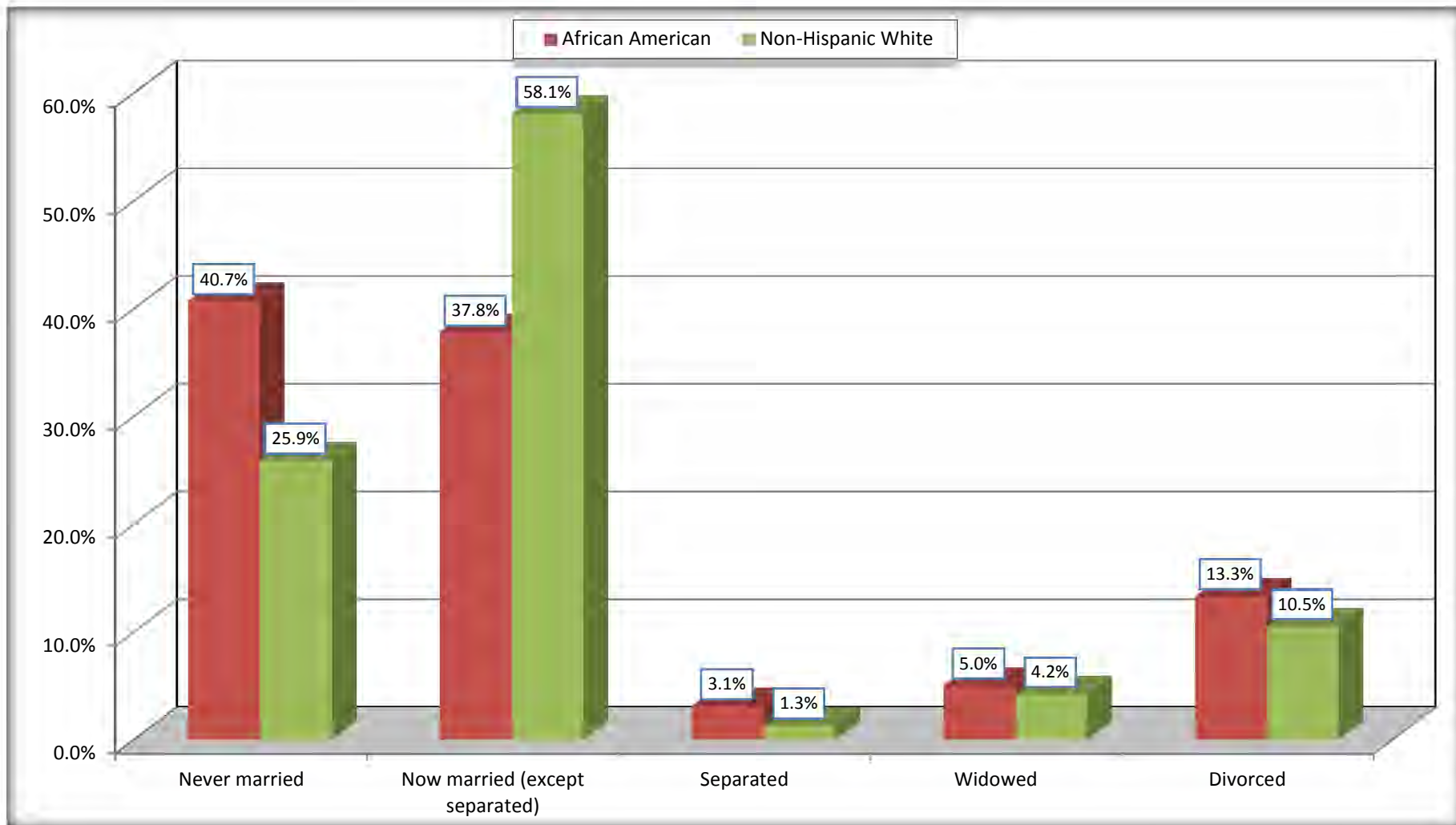
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

### Household Type for Population in Households Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

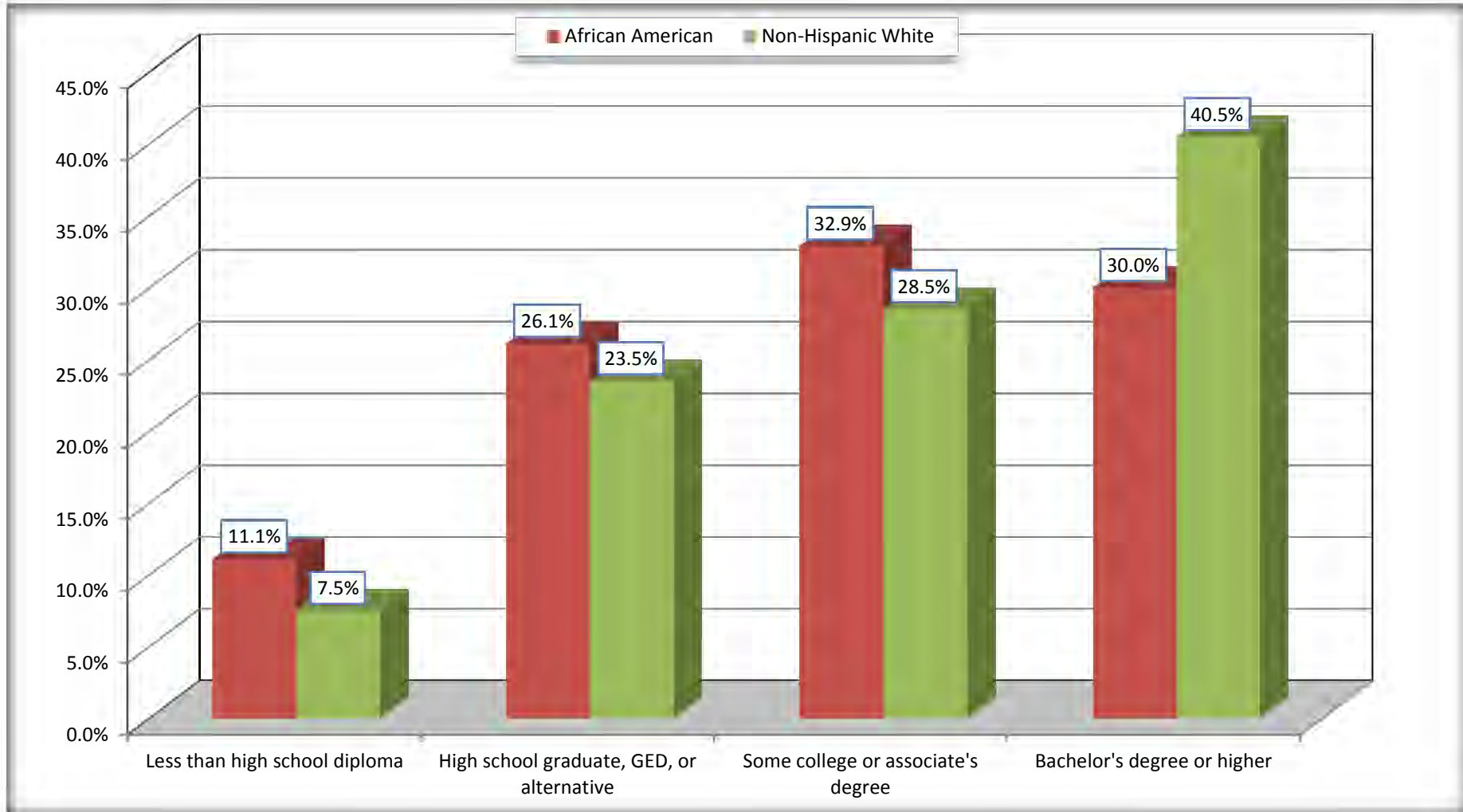
## Marital Status for the Population 15 Years and Over Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Educational Attainment for the Population 25 Years and Older

### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

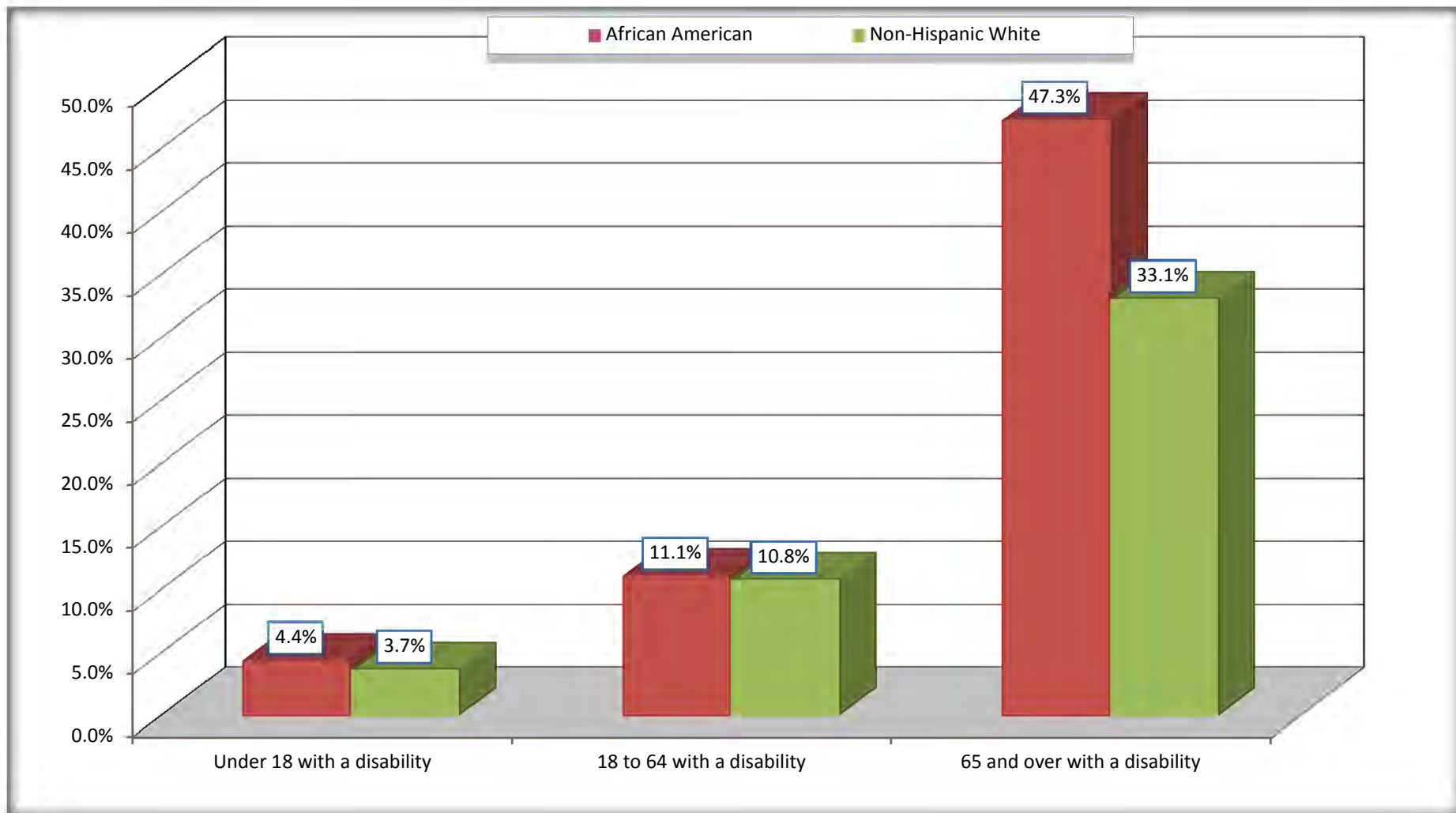
**Veterans in the Civilian Population 18 Years and Over**  
**Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Disability by Age -- Civilian Noninstitutionalized Population

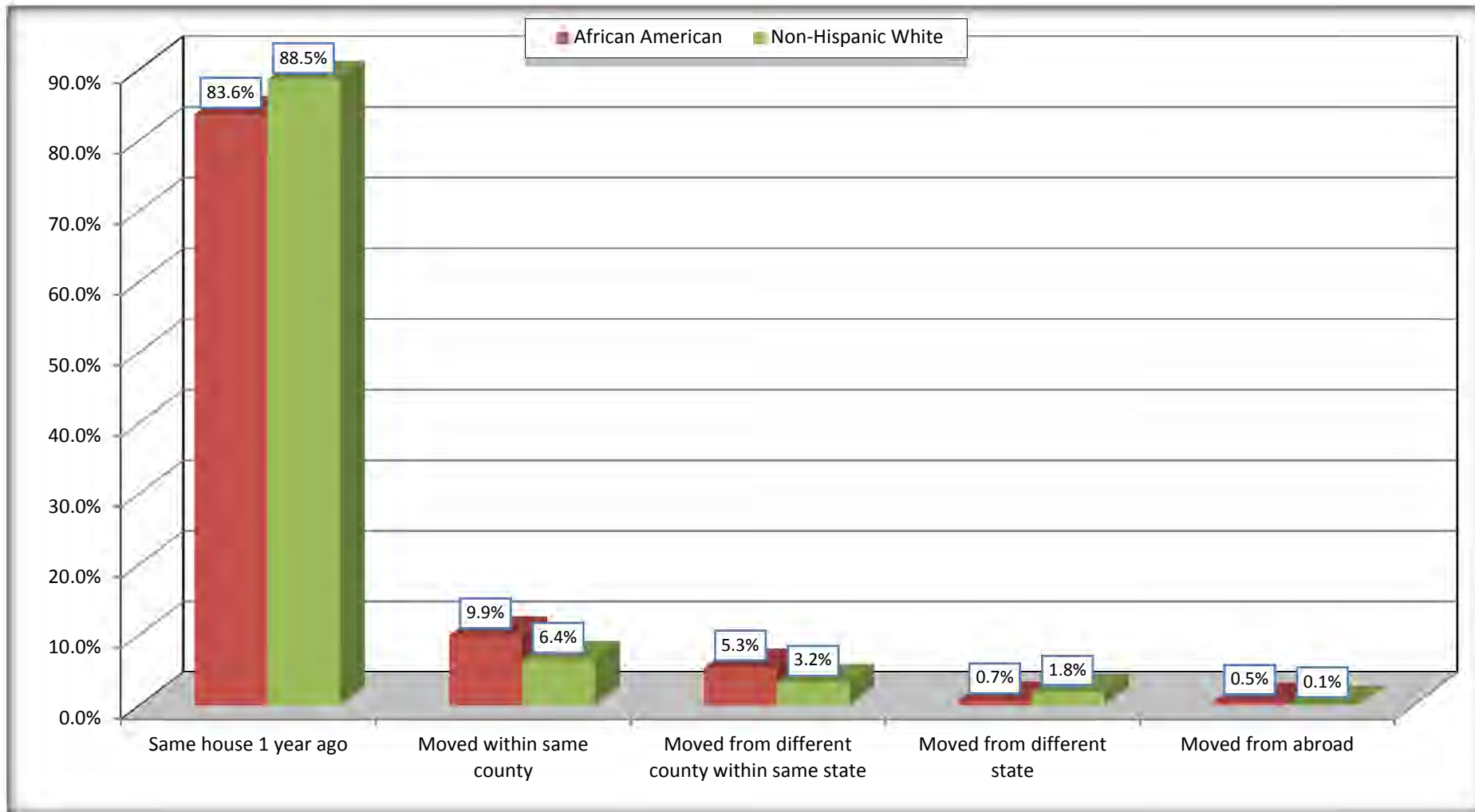
### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Geographical Mobility in the Past Year (Population 1 Year and Over)

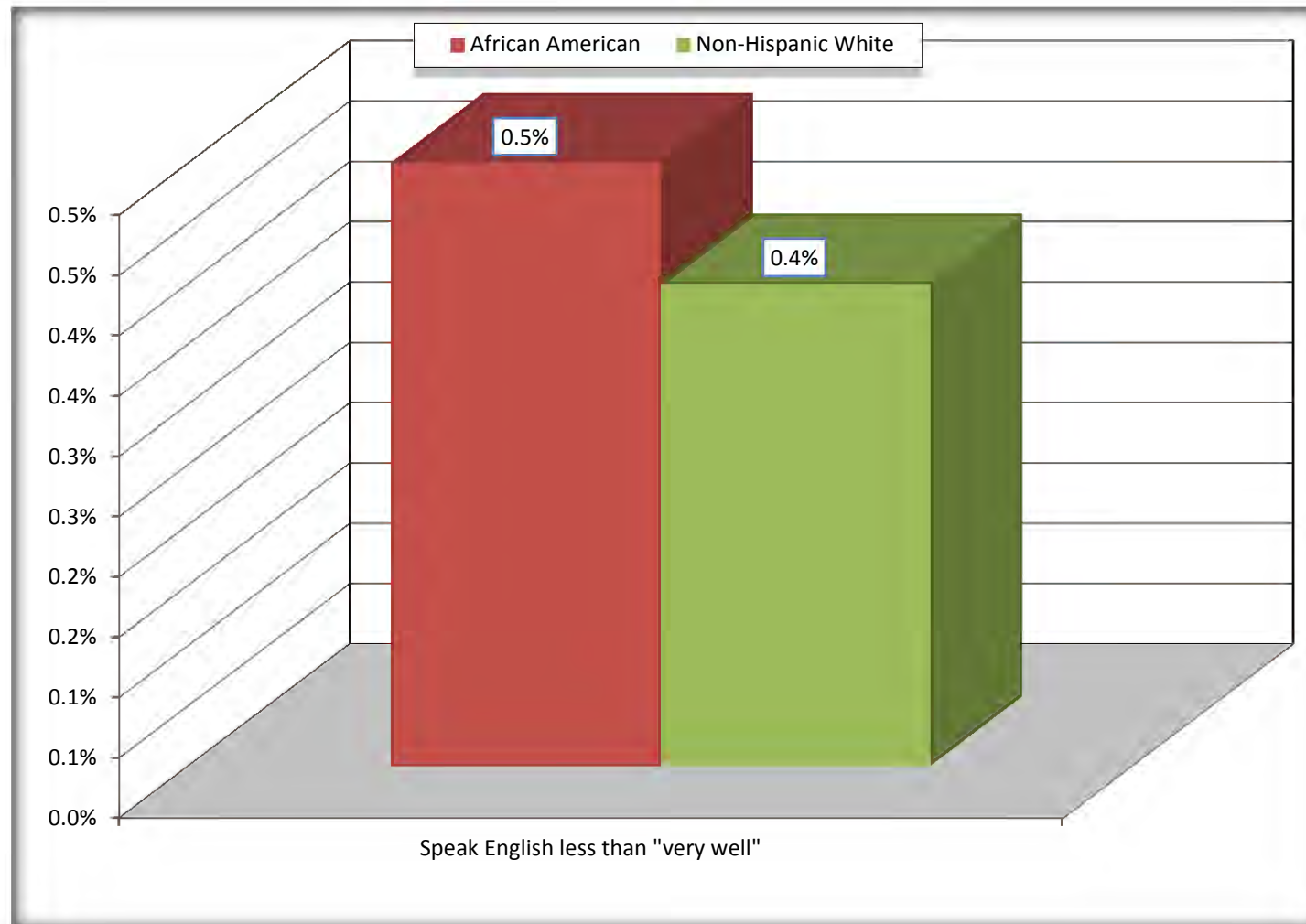
### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Speak English Less than "Very Well" (Population 5 Years and Over)

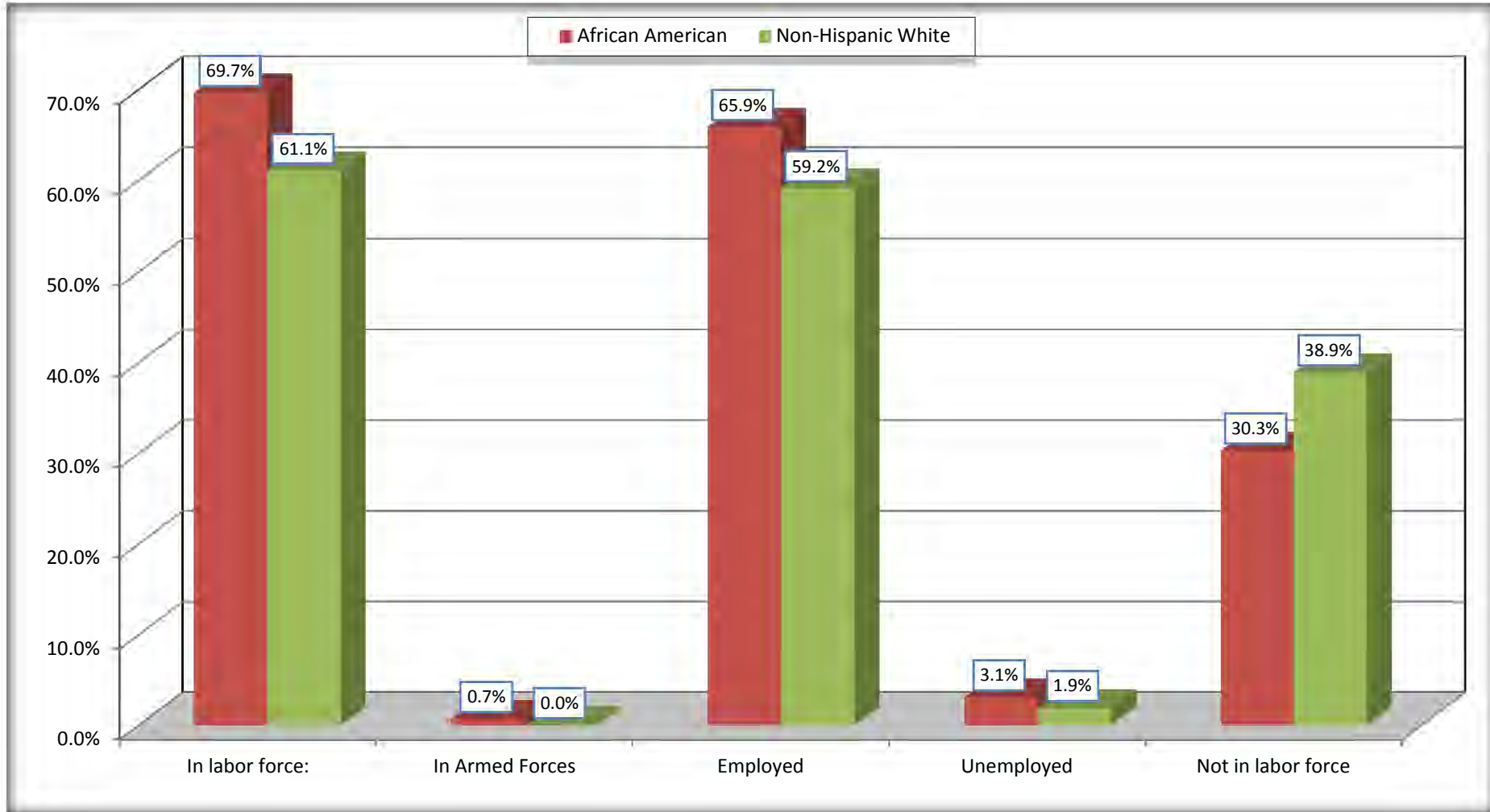
### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

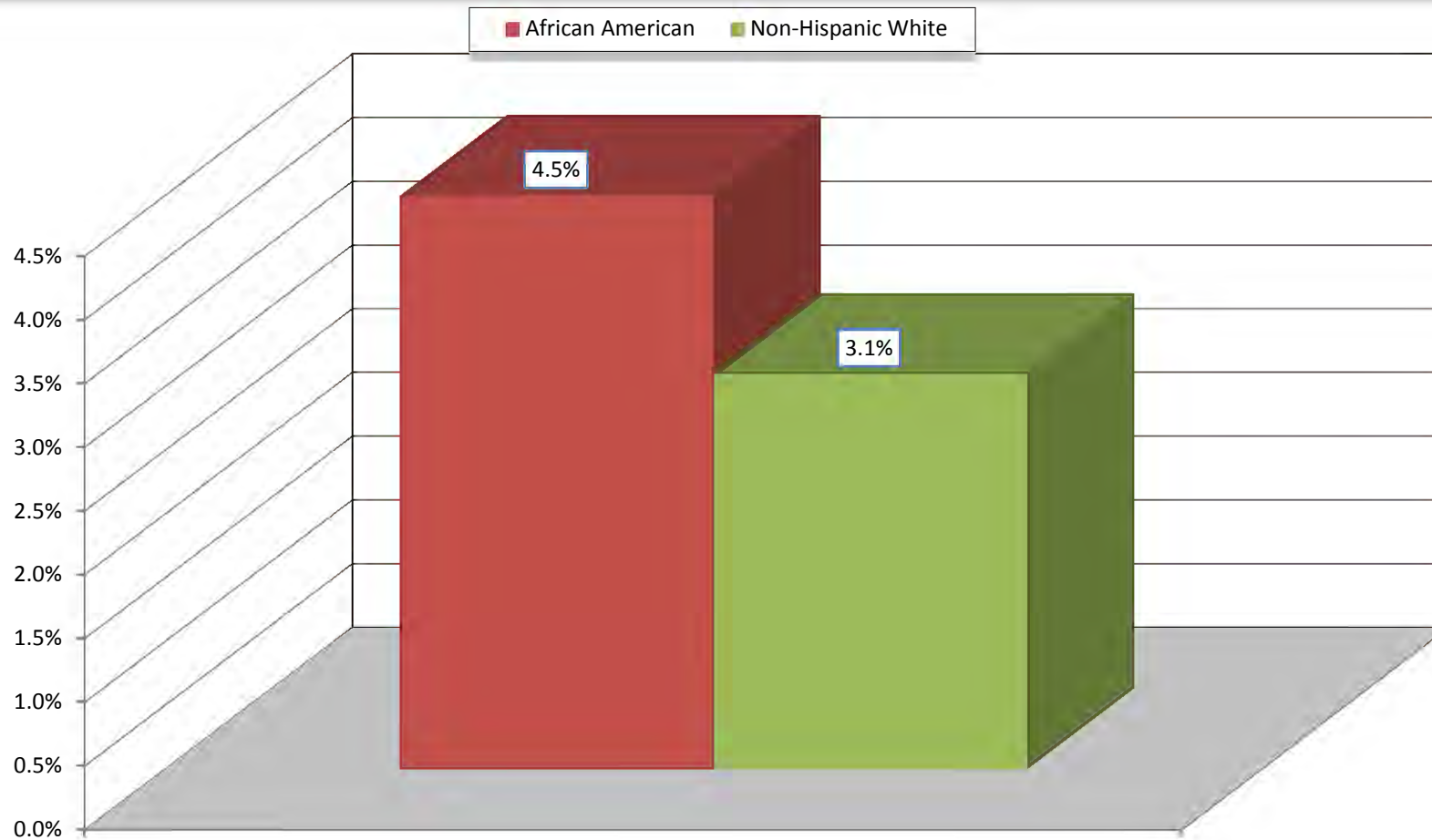
## Employment Status for the Population 16 years and over

### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

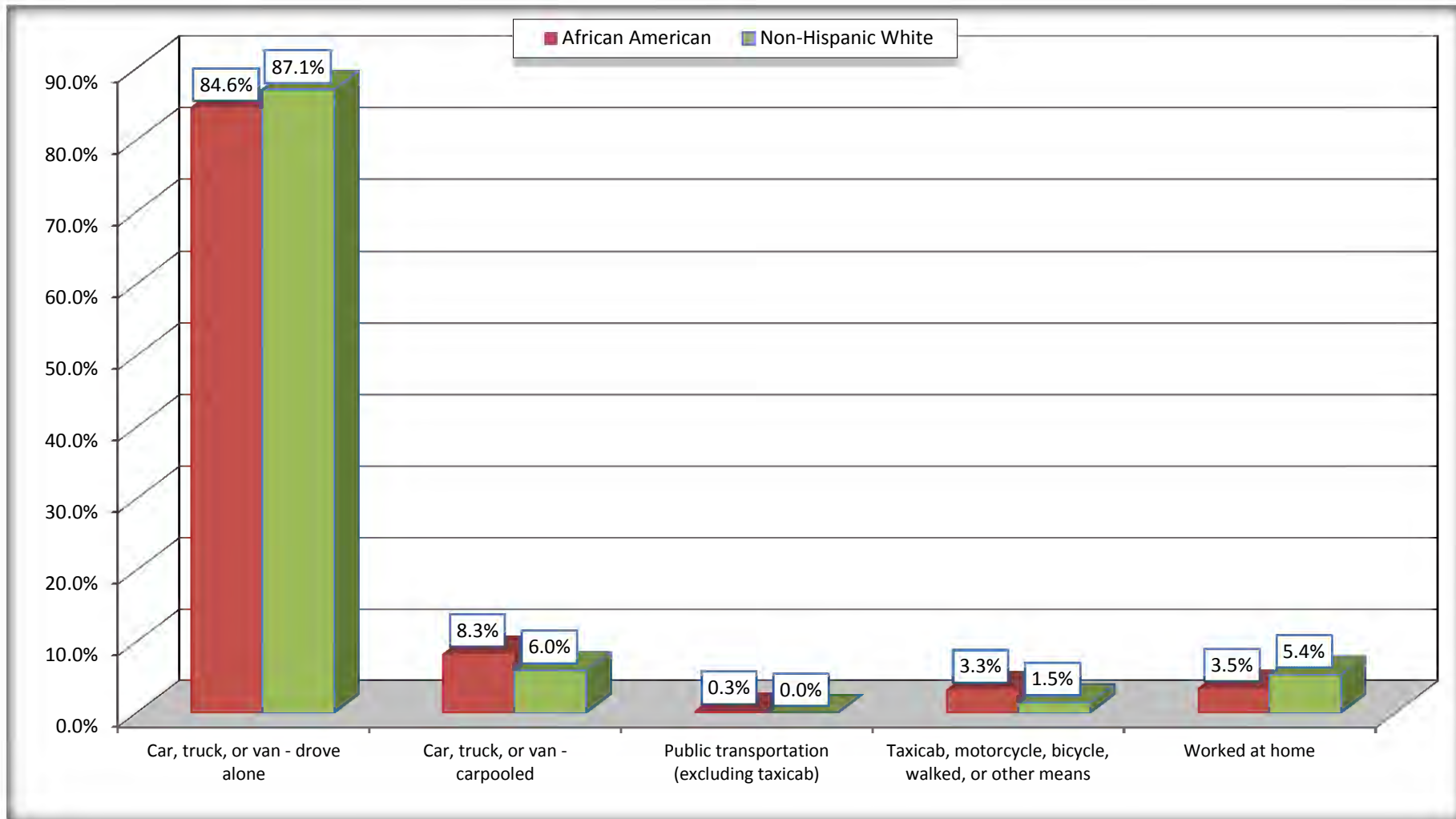
**Unemployment (Civilian Labor Force -- Ages 16 and Over)**  
**Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

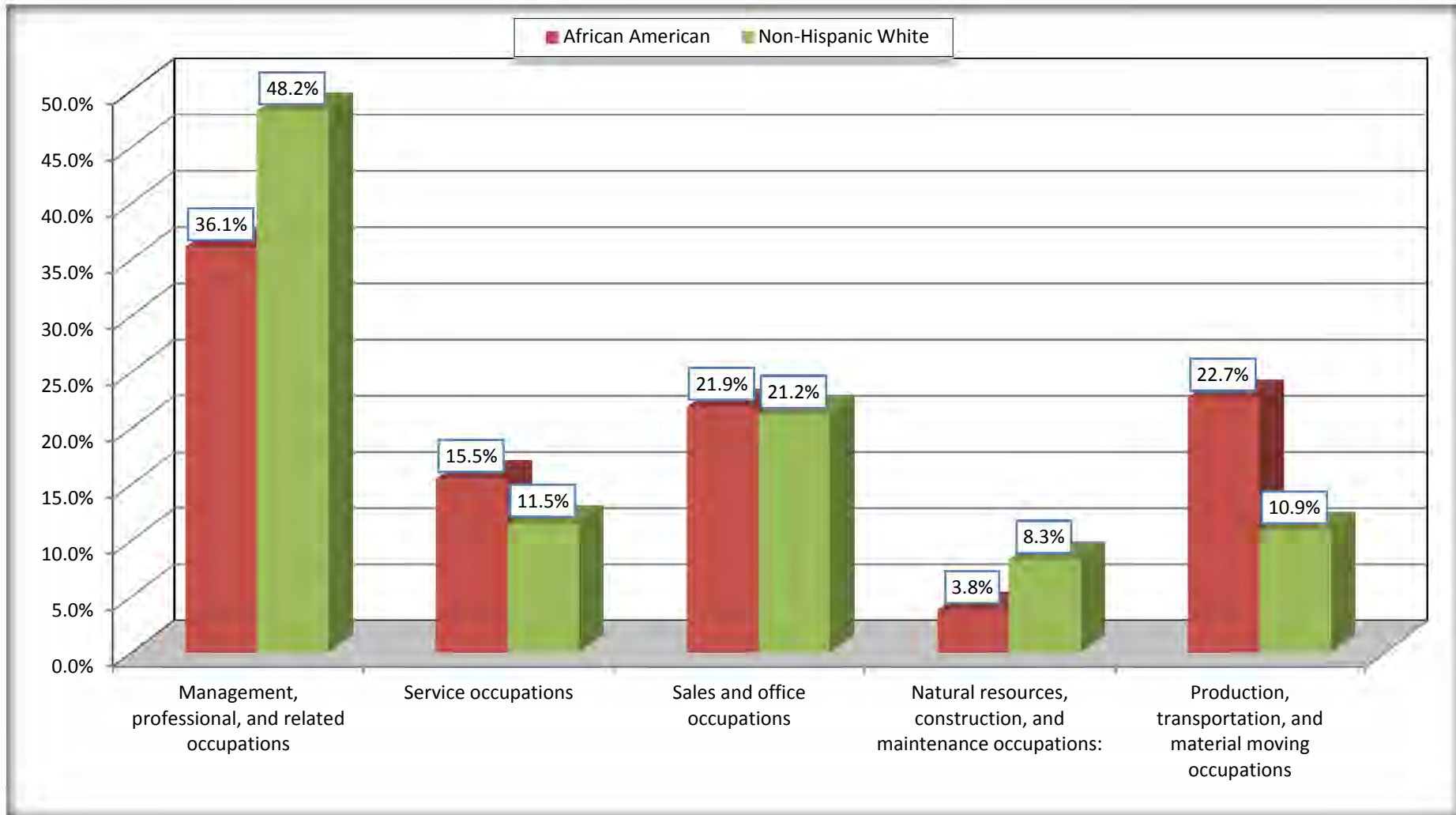
## Means of Transportation to Work (Workers 16 Years and Over)

### Congressional District 6 (116th Congress), Alabama



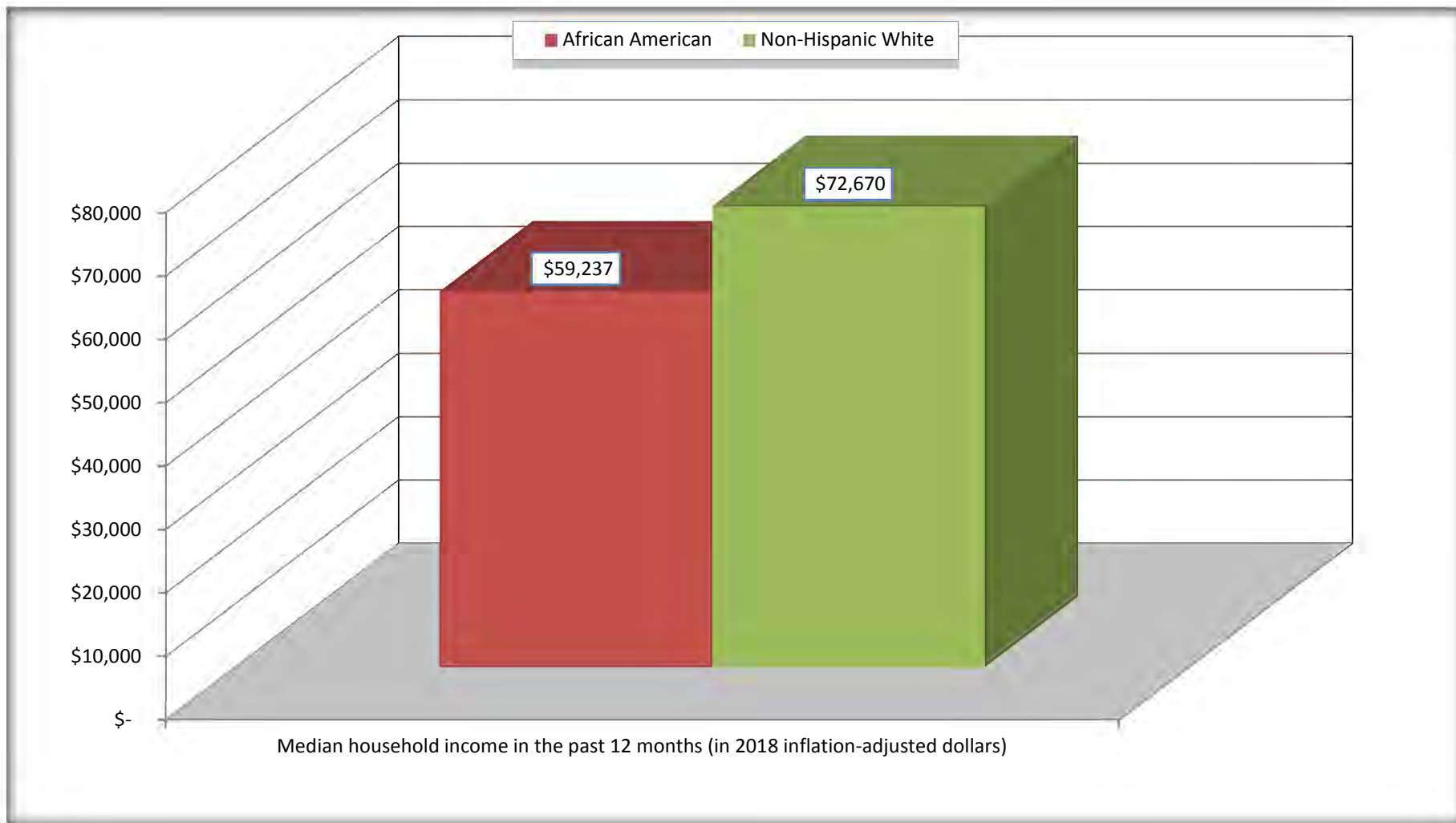
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# Occupation for the Civilian Employed 16 Years and Over Population Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

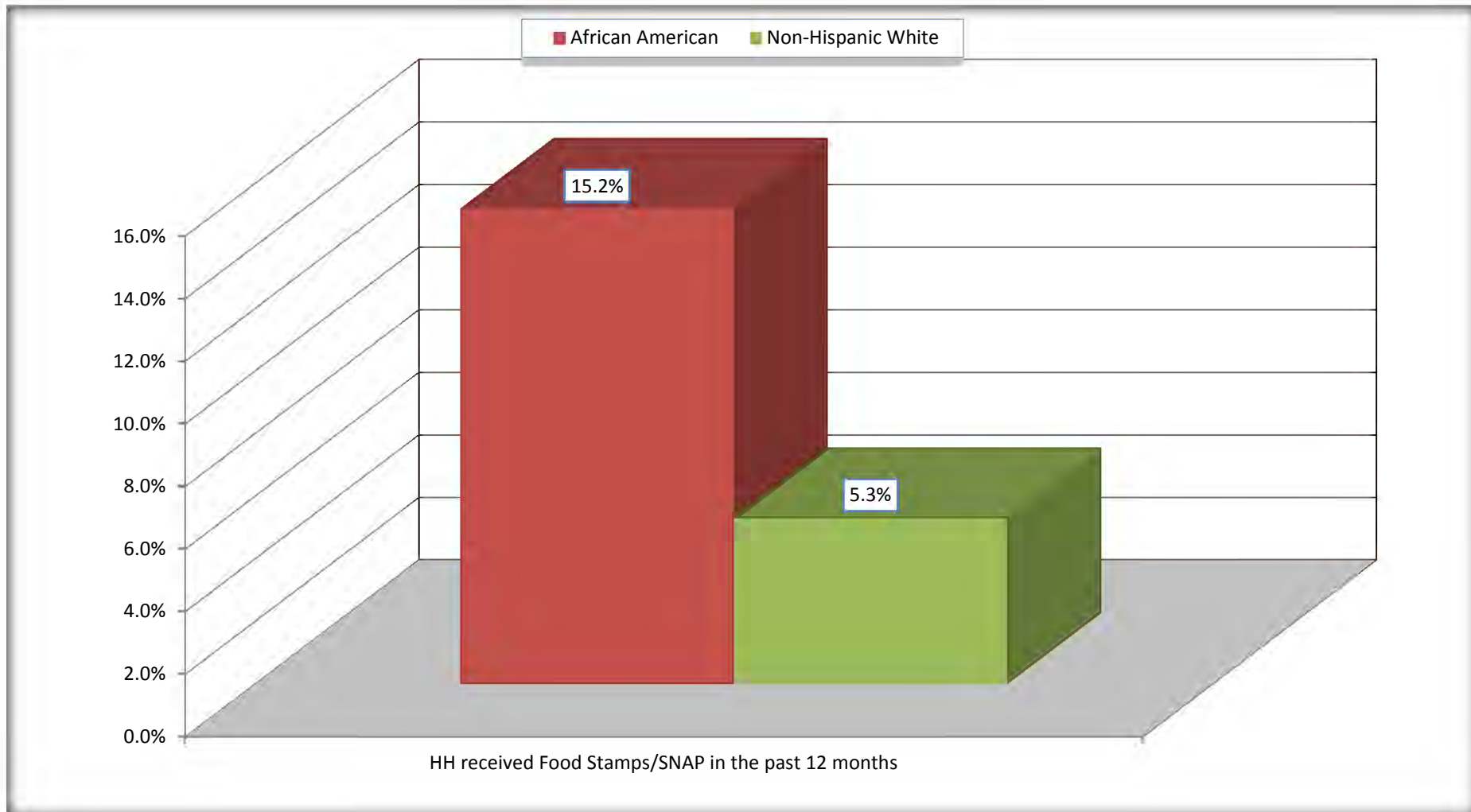
# **Median Household Income in the Past 12 Months** **Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Receipt of Food Stamps/SNAP in the Past 12 Months by Household

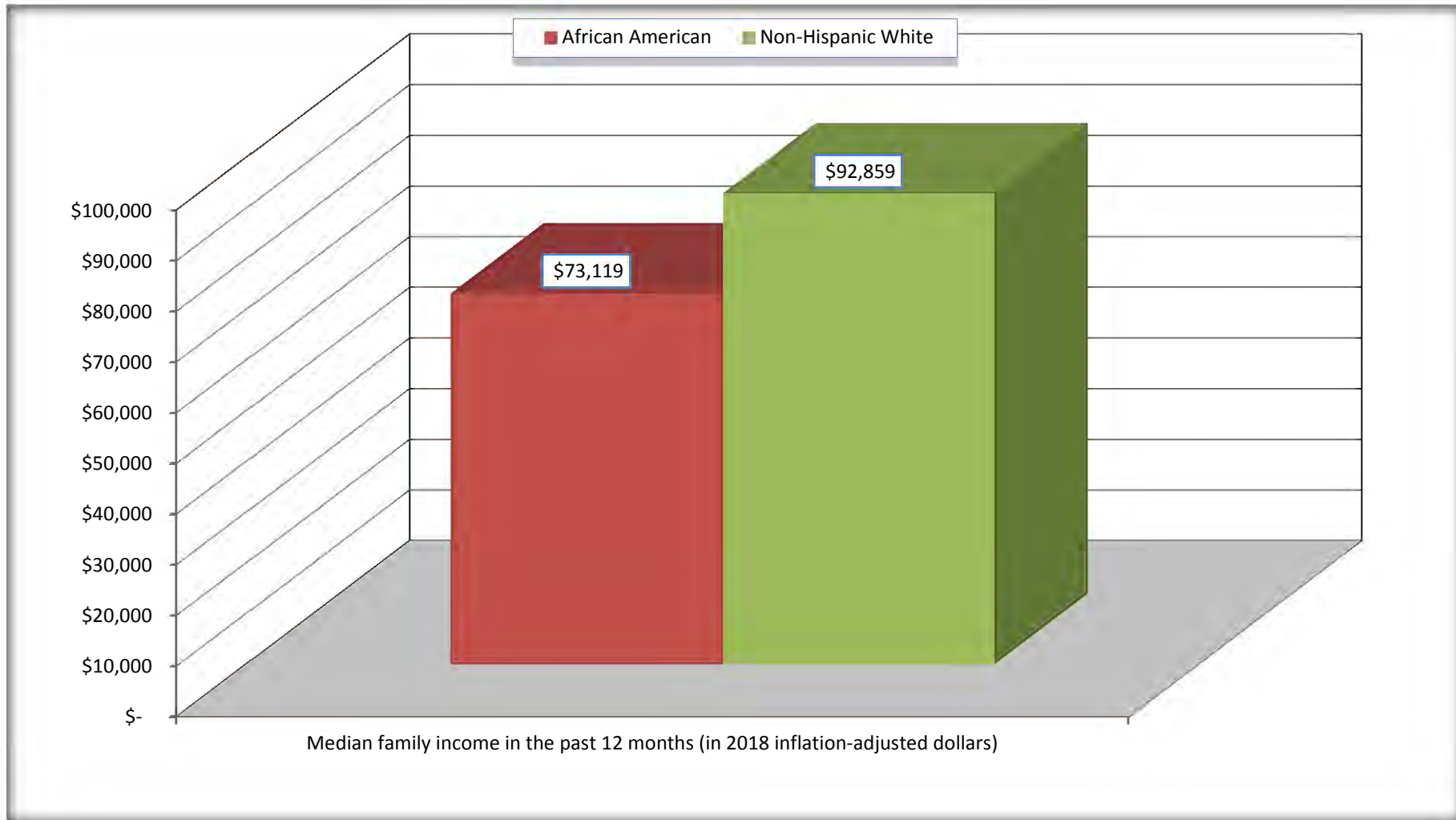
### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

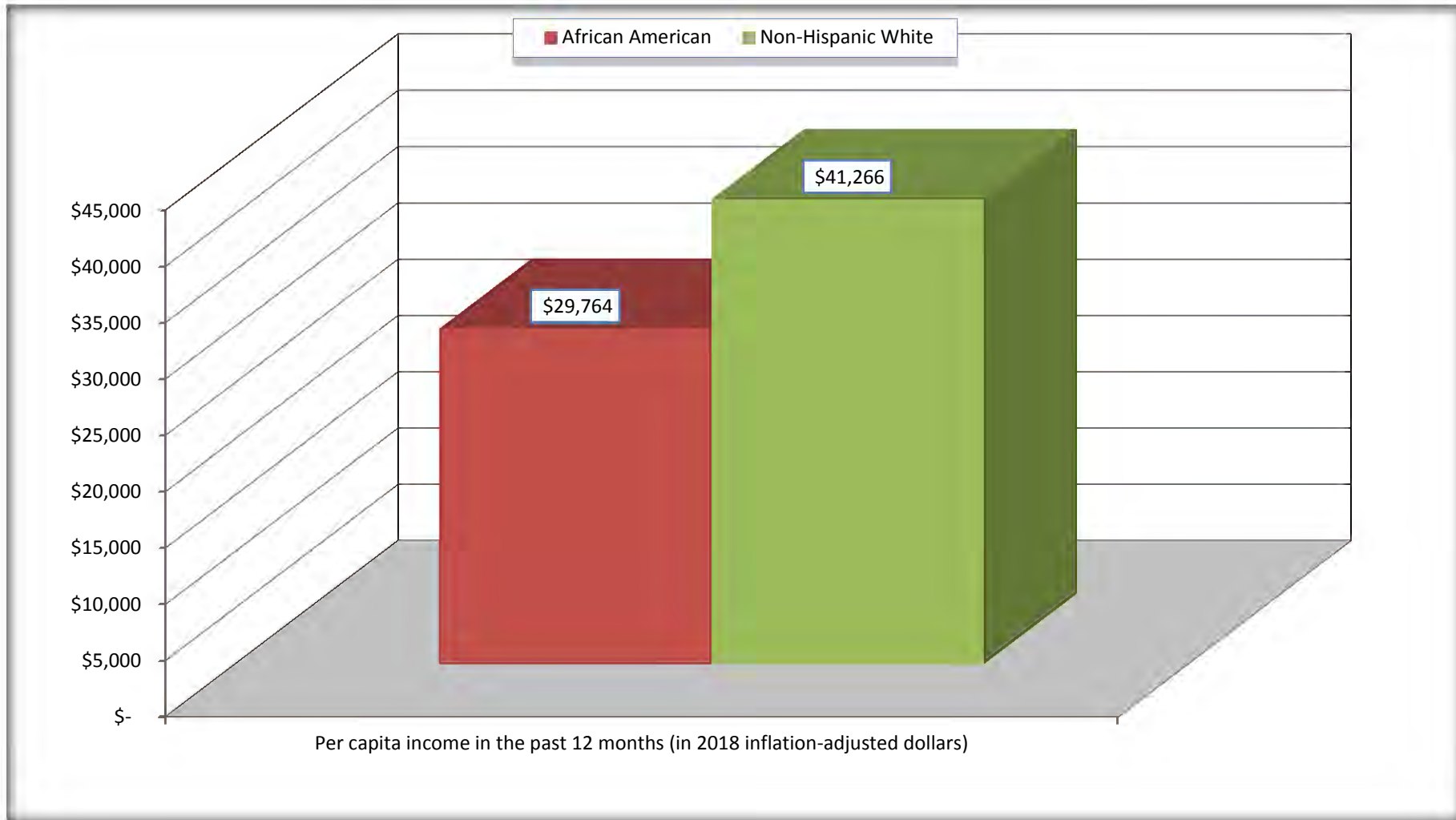
## Median Family Income in the Past 12 Months

### Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

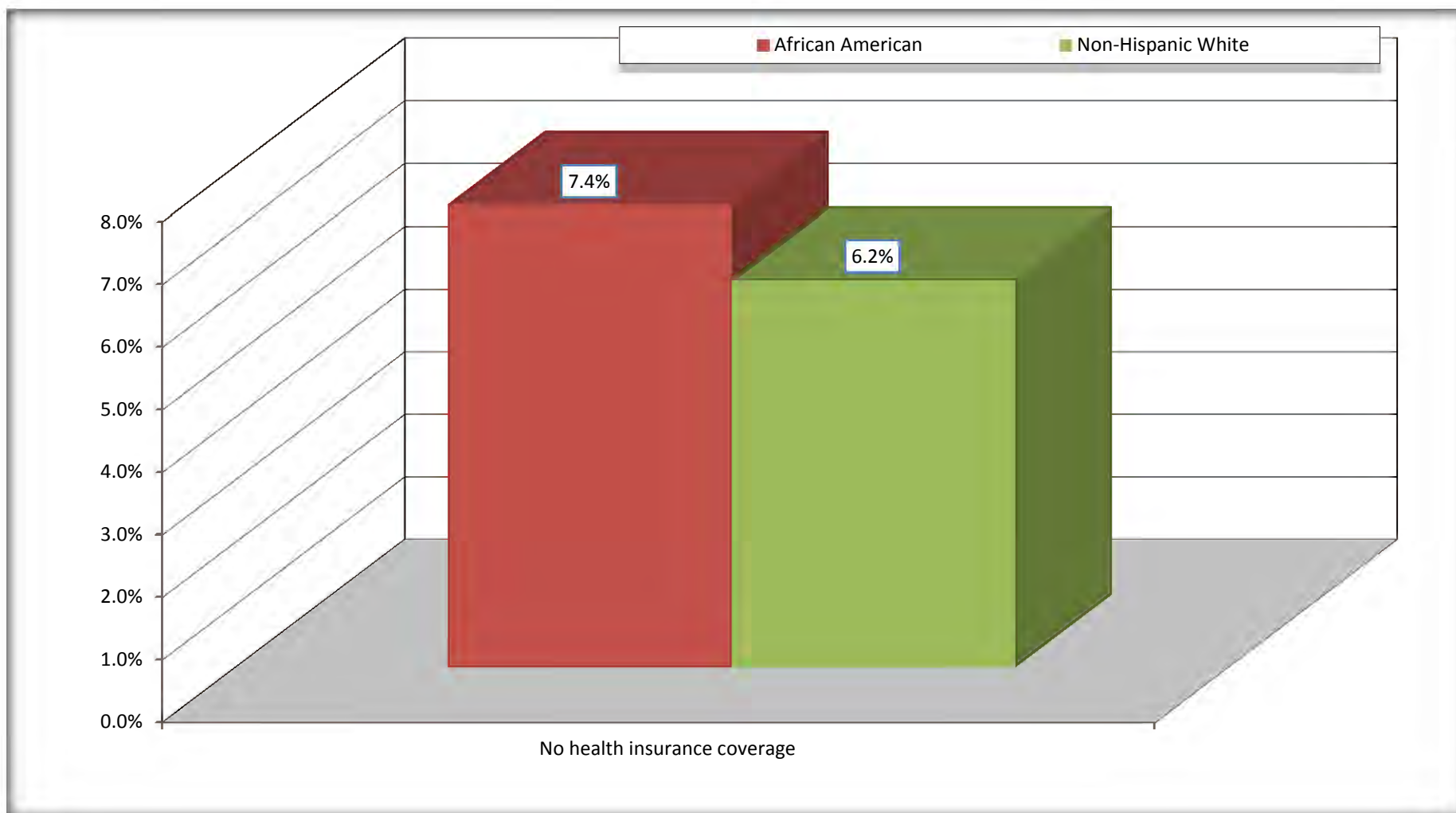
# **Per capita Income in the Past 12 Months** **Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

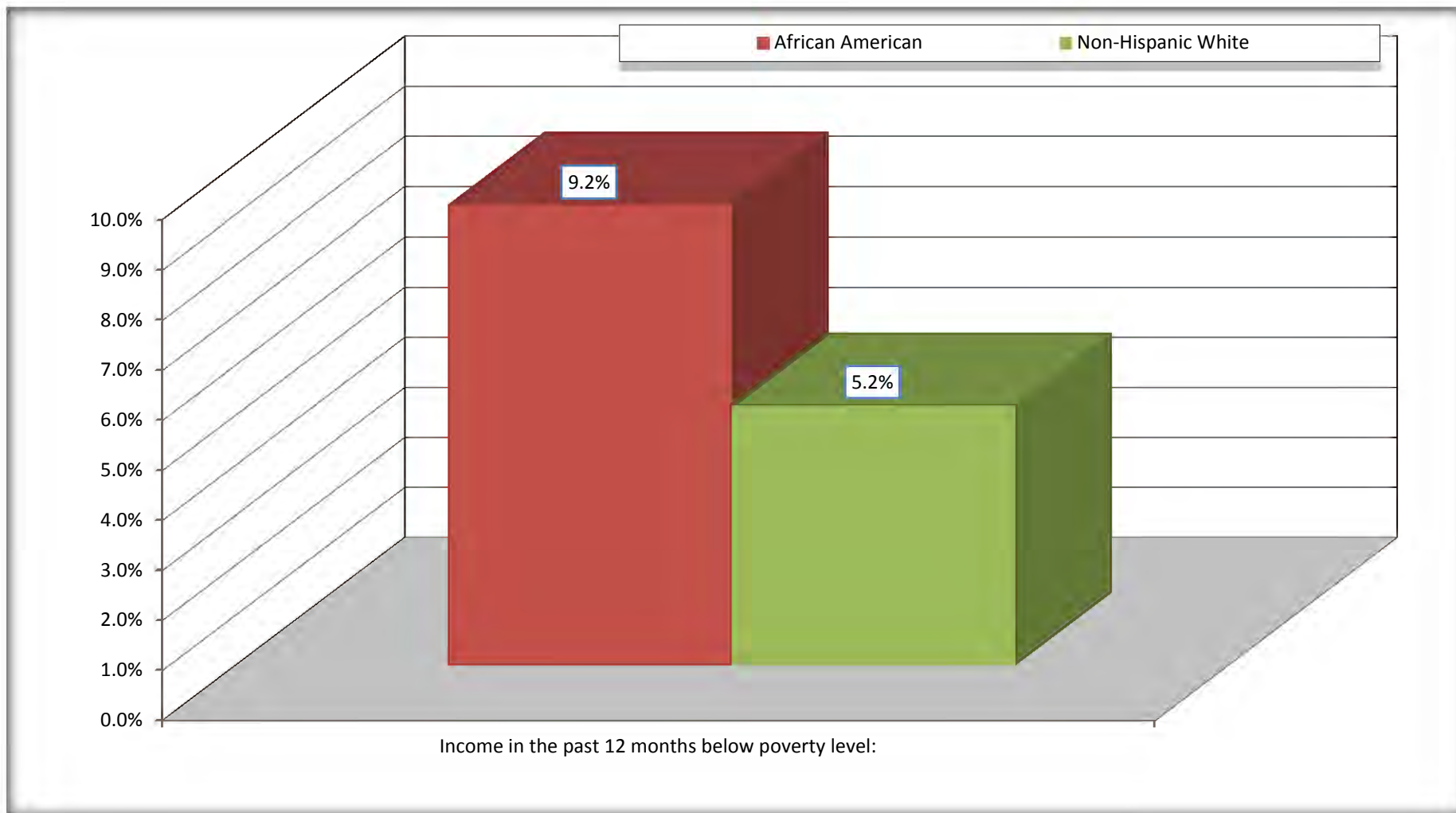
## Lack of Health Insurance Coverage -- Civilian Noninstitutionalized Population

### Congressional District 6 (116th Congress), Alabama



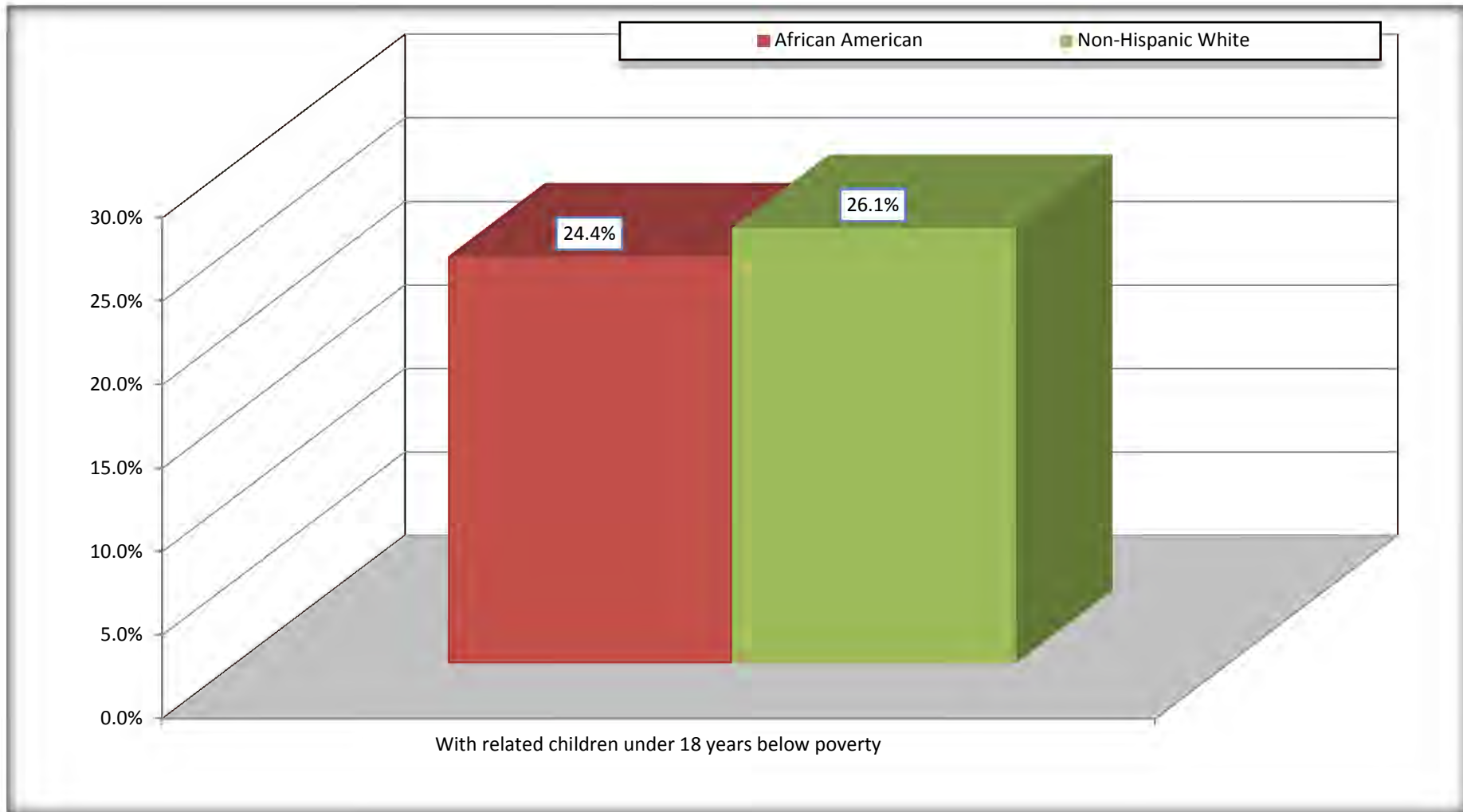
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Family Households Below Poverty in the Past 12 Months**  
**Congressional District 6 (116th Congress), Alabama**



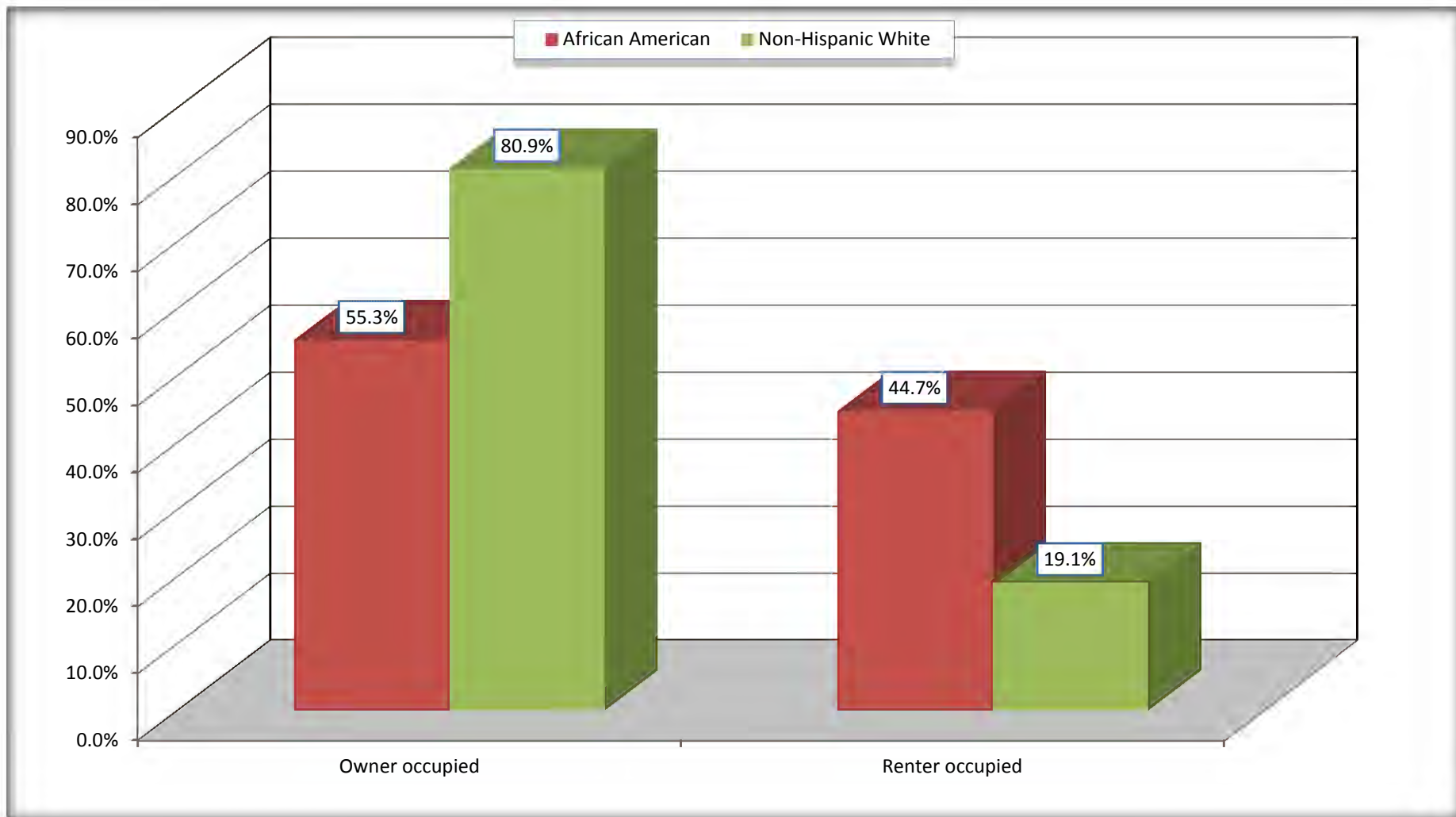
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-headed Households with Related Children Below Poverty in the Past 12 Months**  
**Congressional District 6 (116th Congress), Alabama**



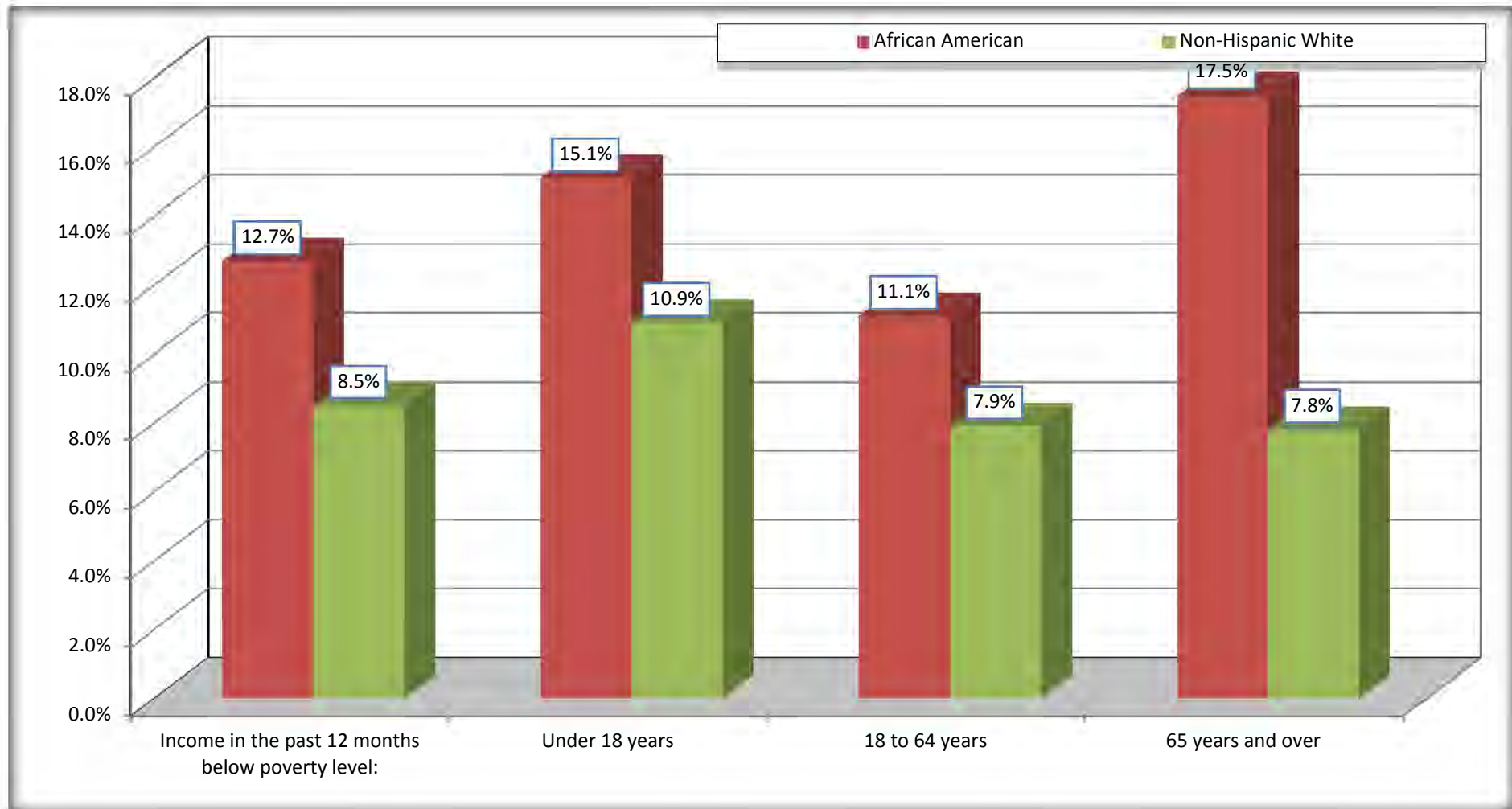
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Home Owners and Renters by Household Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

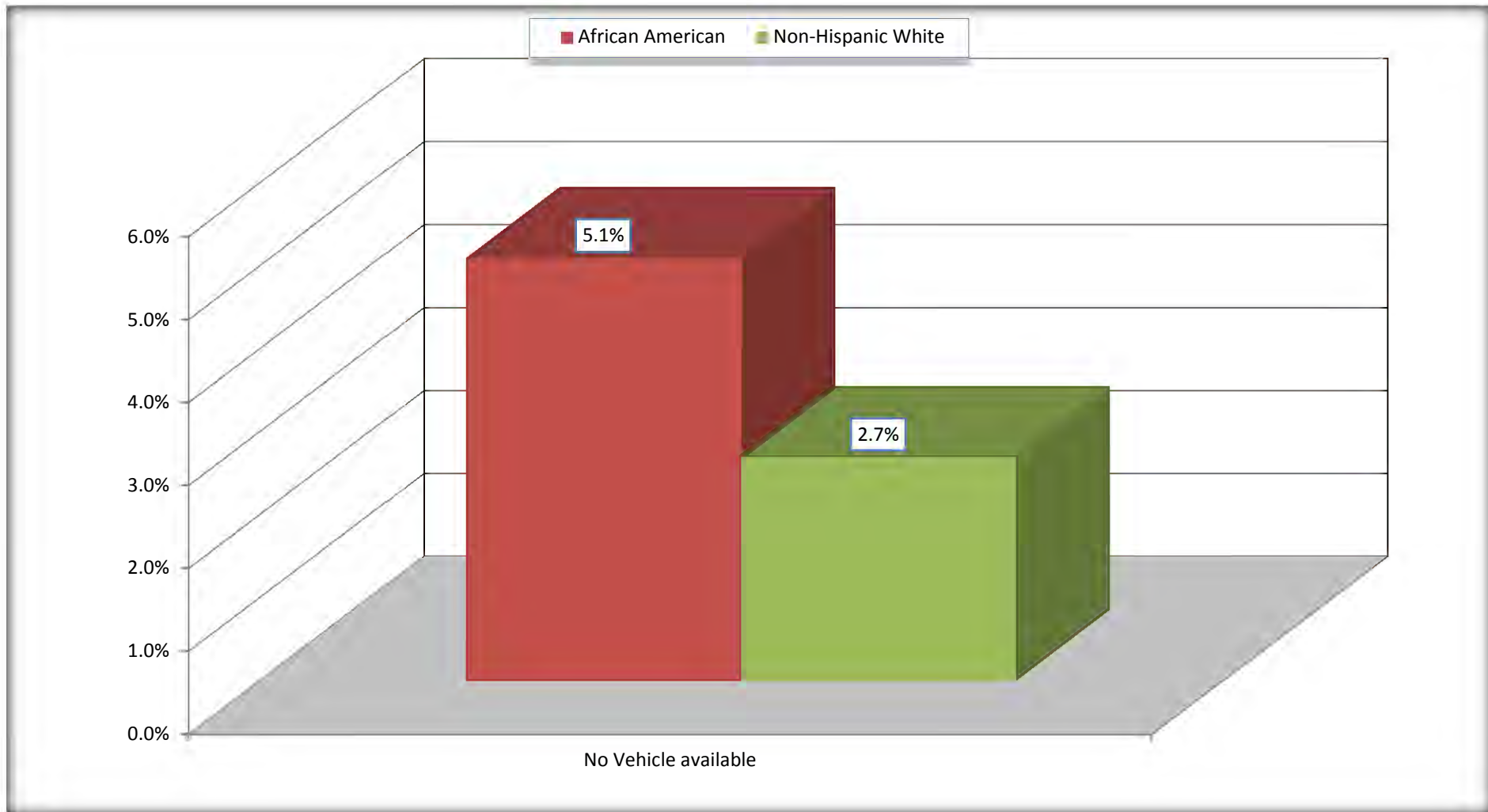
# **Population Below Poverty in the Past 12 Months** **Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

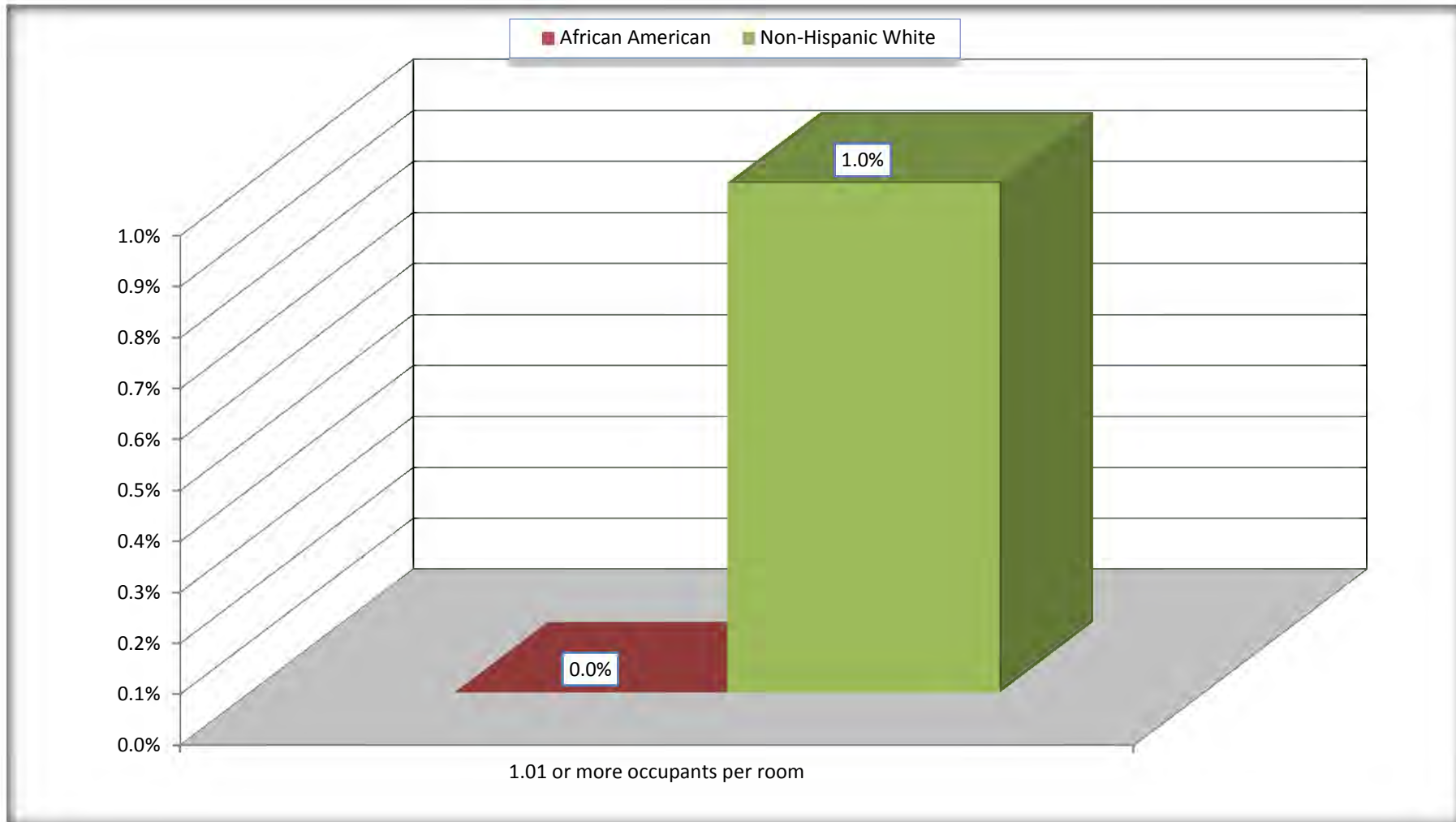
# No Vehicles Available by Household

## Congressional District 6 (116th Congress), Alabama



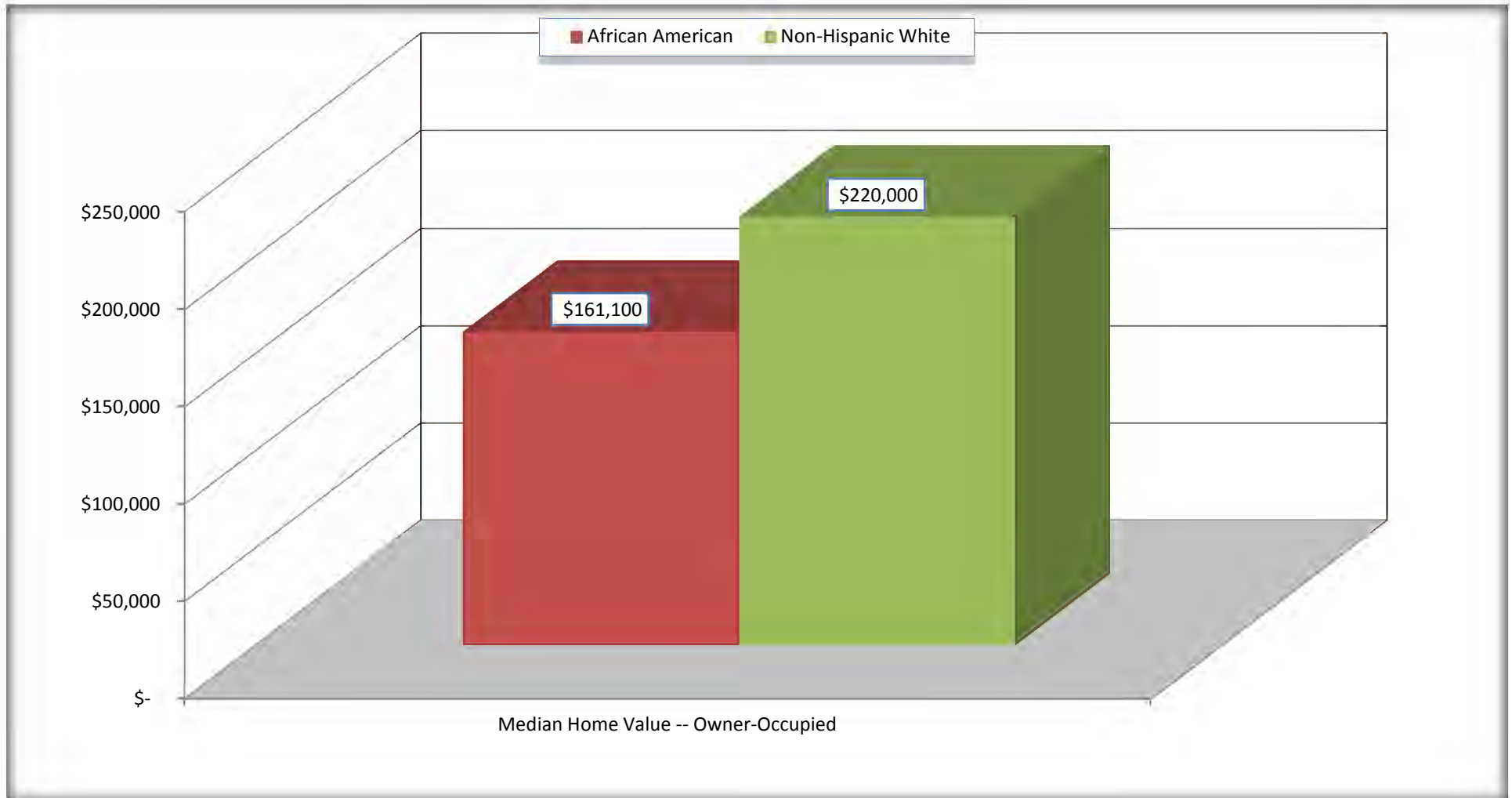
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**More than One Person per Room (Crowding) by Household**  
**Congressional District 6 (116th Congress), Alabama**



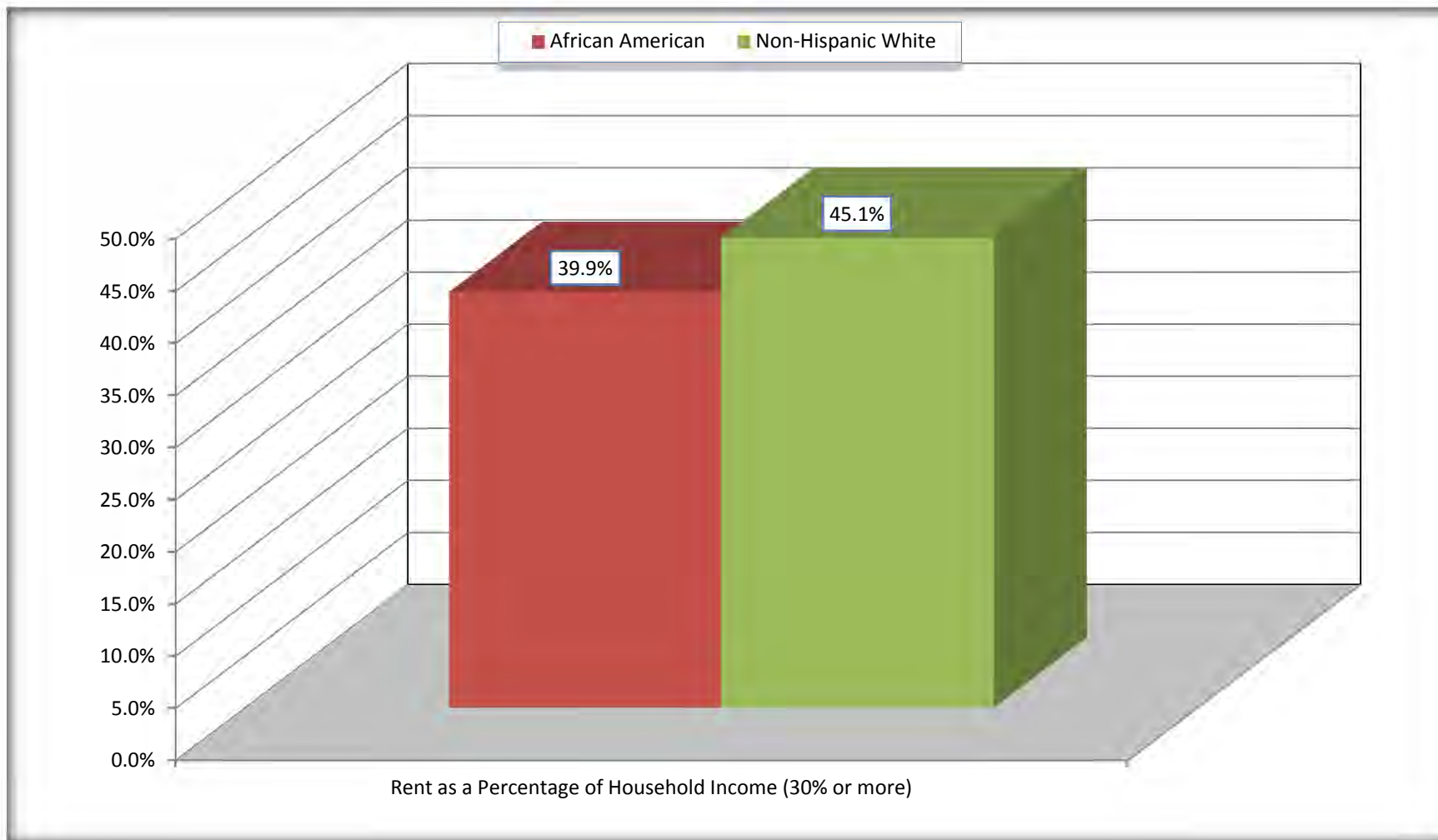
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Median Home Value -- Owner-Occupied**  
**Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

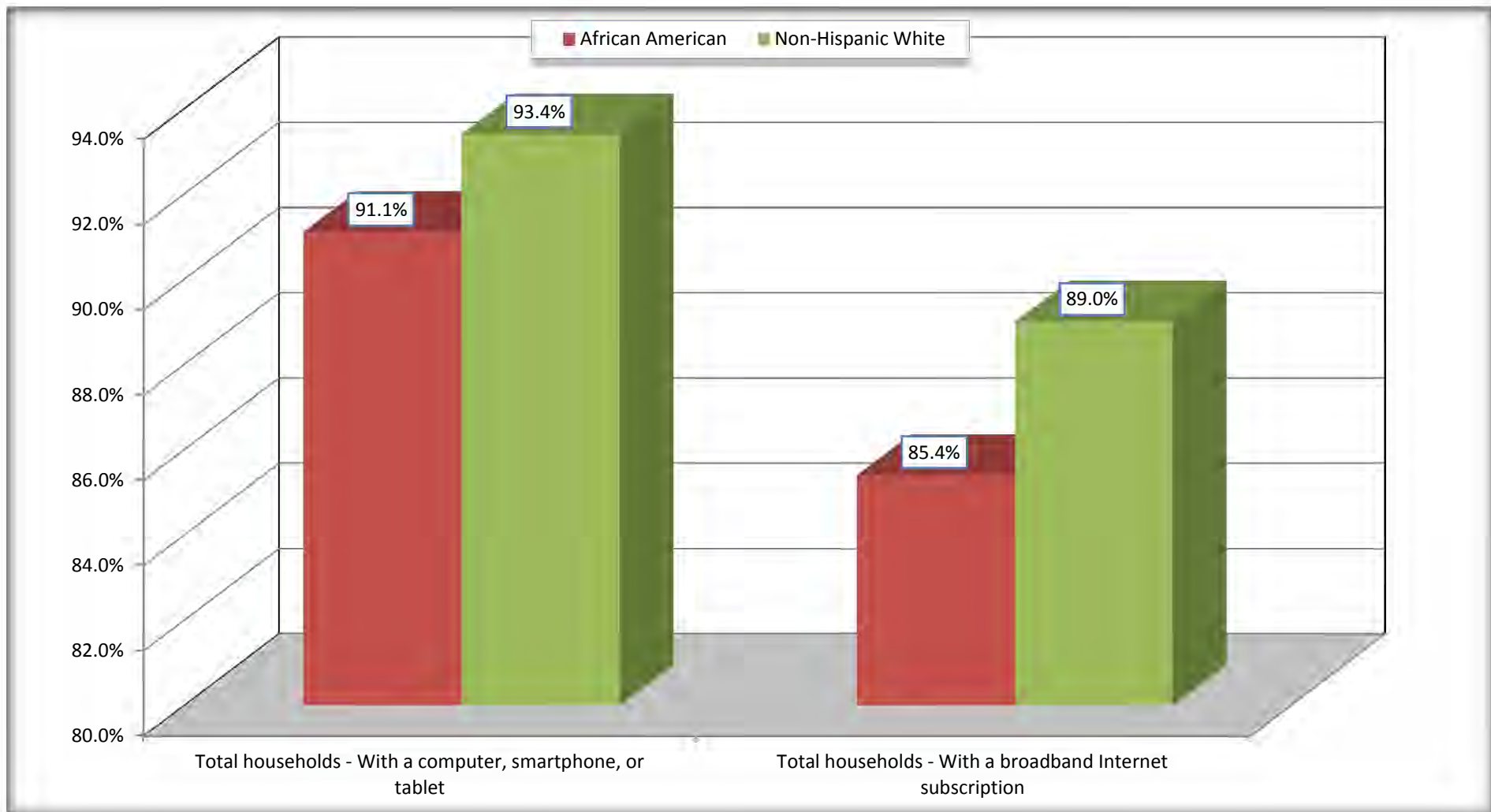
**Rent as a Percentage of Household Income (30% or more) -- Renter-Occupied**  
**Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

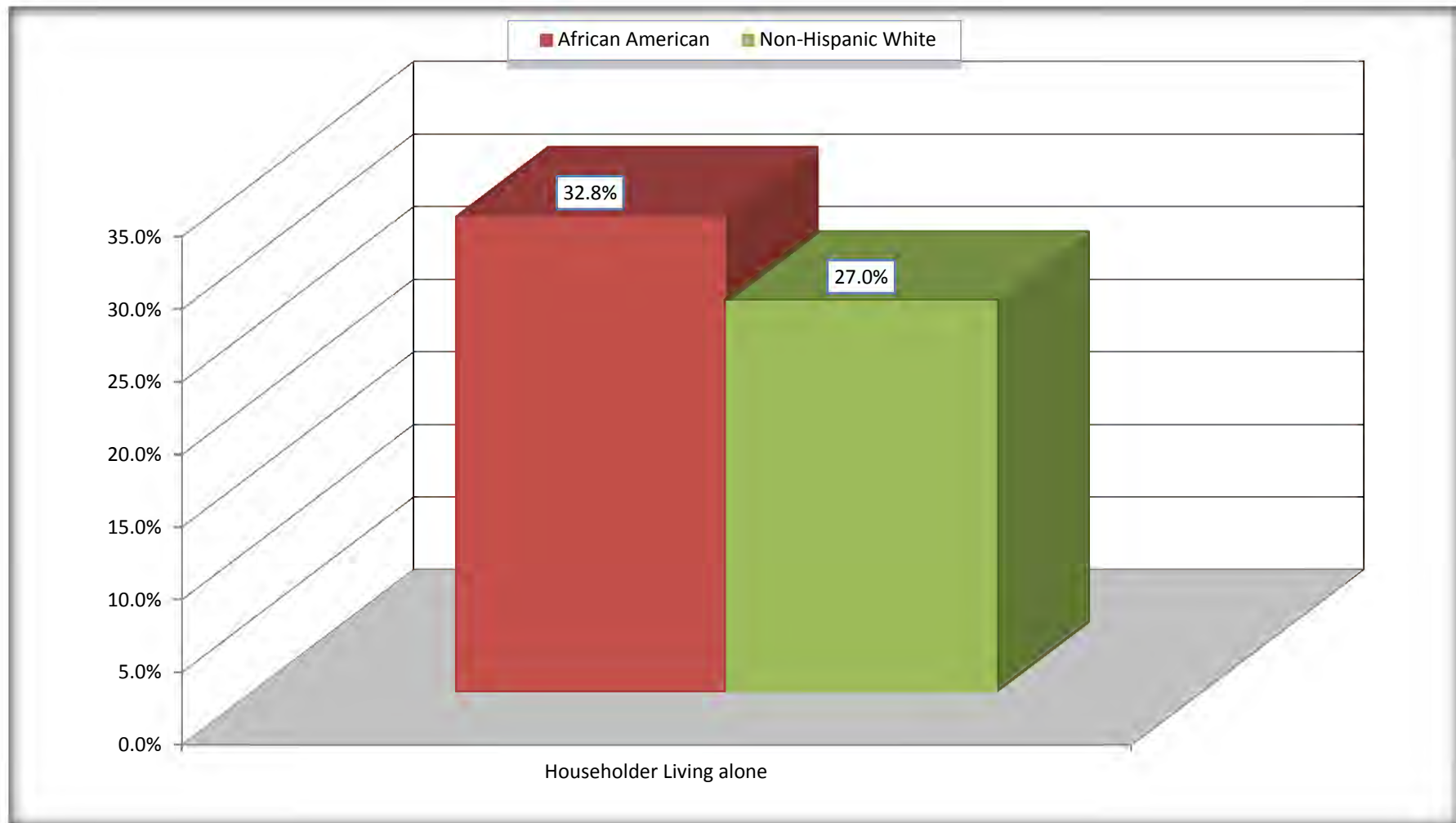
## Computers and Internet Use

### Congressional District 6 (116th Congress), Alabama



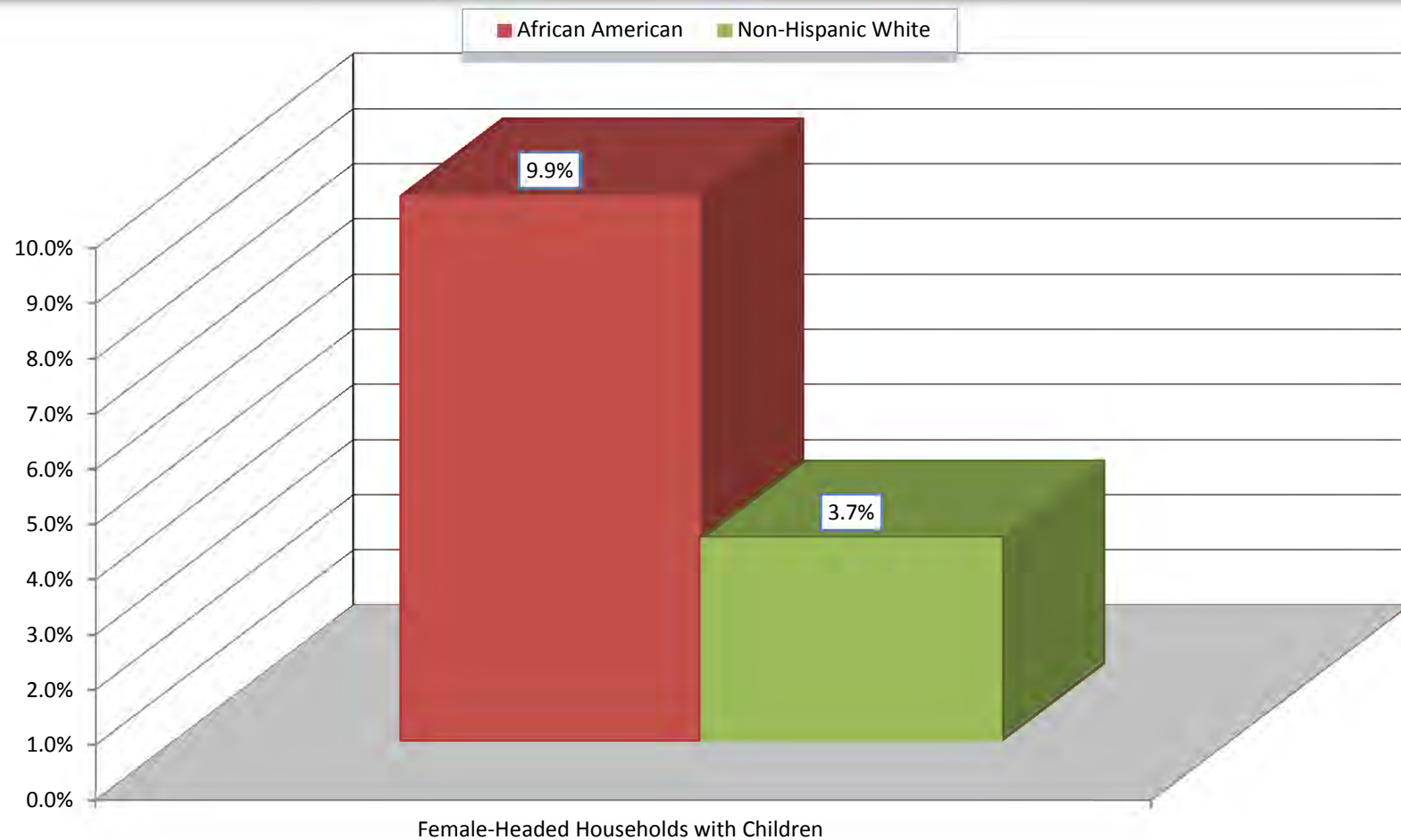
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

### Households with Householder Living Alone Congressional District 6 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-Headed Households with Children Under 18 (As a Percentage of all Households)**  
**Congressional District 6 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Exhibit Q-2**

	Black or African American alone or in combination White alone, not Hispanic or Latino		
	All Persons Estimate	Estimate	Estimate
<b>TOTAL NUMBER OF RACES REPORTED</b>			
Total population	699,605	117,783	529,852
One race	98.3%	94.8%	100.0%
Two races	1.6%	5.1%	(X)
Three races	0.1%	0.1%	(X)
Four or more races	0.0%	0.0%	(X)
<b>SEX AND AGE</b>			
Total population	699,605	117,783	529,852
Male	48.1%	45.4%	48.6%
Female	51.9%	54.6%	51.4%
Under 5 years	5.7%	5.2%	5.5%
5 to 17 years	17.0%	18.9%	15.5%
18 to 24 years	7.9%	10.4%	7.2%
25 to 34 years	13.2%	14.7%	12.6%
35 to 44 years	13.6%	18.9%	12.4%
45 to 54 years	12.8%	11.2%	13.4%
55 to 64 years	13.3%	11.5%	14.2%
65 to 74 years	10.0%	6.5%	11.3%
75 years and over	6.6%	2.9%	7.9%
Median age (years)	39.9	35.5	42.1
18 years and over	77.3%	75.9%	78.9%
21 years and over	73.7%	70.9%	75.7%
62 years and over	20.0%	12.5%	22.9%
65 years and over	16.5%	9.3%	19.2%
Under 18 years	158,751	28,332	111,534
Male	49.8%	45.3%	50.7%
Female	50.2%	54.7%	49.3%
<b>18 years and over</b>	<b>540,854</b>	<b>89,451</b>	<b>418,318</b>
Male	47.6%	45.4%	48.0%
Female	52.4%	54.6%	52.0%
18 to 34 years	147,337	29,511	104,908
Male	48.6%	47.7%	49.6%
Female	51.4%	52.3%	50.4%
35 to 64 years	277,747	48,933	211,848
Male	48.5%	46.0%	48.9%
Female	51.5%	54.0%	51.1%

	Black or African American alone		White alone, or in combination not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>65 years and over</b>	<b>115,770</b>	<b>11,007</b>	<b>101,562</b>
Male	44.0%	36.5%	44.6%
Female	56.0%	63.5%	55.4%
<b>RELATIONSHIP</b>			
Population in households	689,991	115,055	523,268
Householder or spouse	61.0%	53.6%	63.9%
Unmarried partner	1.8%	2.7%	1.6%
Child	29.9%	33.5%	27.7%
Other relatives	5.6%	9.2%	4.9%
Other nonrelatives	1.7%	0.9%	1.9%
<b>HOUSEHOLDS BY TYPE</b>			
Households	272,470	45,370	211,143
Family households	68.5%	63.9%	68.6%
With own children of the householder under 18 years	27.0%	28.7%	25.1%
Married-couple family	54.4%	35.5%	57.6%
With own children of the householder under 18 years	20.7%	16.6%	20.3%
Female householder, no spouse present, family	10.9%	21.4%	8.7%
With own children of the householder under 18 years	4.9%	9.9%	3.7%
Nonfamily households	31.5%	36.1%	31.4%
Male householder	14.2%	14.8%	14.6%
Living alone	11.6%	12.3%	11.9%
Not living alone	2.6%	2.4%	2.7%
Female householder	17.3%	21.4%	16.9%
Living alone	15.7%	20.5%	15.1%
Not living alone	1.6%	0.9%	1.8%
Average household size	2.53	2.42	2.50
Average family size	3.11	3.09	3.06
<b>MARITAL STATUS</b>			
Population 15 years and over	569,203	94,494	438,736
Now married, except separated	54.9%	37.8%	58.2%
Widowed	6.3%	5.0%	6.9%
Divorced	11.3%	13.3%	11.2%
Separated	1.3%	3.1%	0.9%
Never married	26.2%	40.7%	22.7%
Male 15 years and over	271,448	42,345	211,825
Now married, except separated	57.0%	41.1%	59.8%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Widowed	3.0%	3.1%	3.2%
Divorced	9.6%	10.4%	9.9%
Separated	1.3%	4.7%	0.7%
Never married	29.1%	40.7%	26.5%
Female 15 years and over	297,755	52,149	226,911
Now married, except separated	52.9%	35.1%	56.8%
Widowed	9.3%	6.5%	10.5%
Divorced	12.8%	15.7%	12.5%
Separated	1.3%	1.9%	1.1%
Never married	23.7%	40.7%	19.1%
<b>SCHOOL ENROLLMENT</b>			
Population 3 years and over enrolled in school	167,806	32,330	117,855
Nursery school, preschool	6.5%	3.1%	7.6%
Kindergarten	4.4%	4.1%	3.9%
Elementary school (grades 1-8)	43.6%	42.7%	42.8%
High school (grades 9-12)	22.9%	23.2%	23.1%
College or graduate school	22.6%	26.8%	22.6%
Male 3 years and over enrolled in school	81,598	15,470	57,910
Percent enrolled in kindergarten to grade 12	75.4%	73.5%	74.9%
Percent enrolled in college or graduate school	17.9%	25.4%	17.1%
Female 3 years and over enrolled in school	86,208	16,860	59,945
Percent enrolled in kindergarten to grade 12	66.5%	66.9%	64.9%
Percent enrolled in college or graduate school	27.1%	28.1%	28.0%
<b>EDUCATIONAL ATTAINMENT</b>			
Population 25 years and over	485,802	77,229	380,033
Less than high school diploma	9.0%	11.1%	7.5%
High school graduate (includes equivalency)	23.7%	26.1%	23.5%
Some college or associate's degree	28.8%	32.9%	28.5%
Bachelor's degree	23.9%	19.6%	25.0%
Graduate or professional degree	14.6%	10.5%	15.5%
High school graduate or higher	91.0%	88.9%	92.5%
Male, high school graduate or higher	89.6%	86.2%	91.1%
Female, high school graduate or higher	92.2%	91.1%	93.8%
Bachelor's degree or higher	38.5%	30.0%	40.5%
Male, bachelor's degree or higher	37.6%	24.6%	39.9%
Female, bachelor's degree or higher	39.3%	34.3%	41.0%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>FERTILITY</b>			
Women 15 to 50 years	168,660	35,928	118,152
Women 15 to 50 years who had a birth in the past 12 months	8,382	1,927	5,842
Unmarried women 15 to 50 years who had a birth in the past 12 months	2,386	1,502	884
As a percent of all women with a birth in the past 12 months	28.5%	77.9%	15.1%
<b>RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS</b>			
Population 30 years and over	441,522	68,325	347,425
Grandparents living with grandchild(ren)	3.1%	5.5%	2.5%
Grandparents responsible for grandchildren as a percentage of living with grandchildren	48.4%	45.8%	49.0%
<b>VETERAN STATUS</b>			
Civilian population 18 years and over	540,104	88,831	418,241
Civilian veteran	7.3%	9.6%	7.1%
<b>DISABILITY STATUS</b>			
Total civilian noninstitutionalized population	693,338	115,226	526,228
With a disability	13.2%	12.7%	13.6%
Civilian noninstitutionalized population under 18 years	158,650	28,257	111,508
With a disability	3.7%	4.4%	3.7%
Civilian noninstitutionalized population 18 to 64 years	420,841	76,546	314,497
With a disability	11.0%	11.1%	10.8%
Civilian noninstitutionalized population 65 years and older	113,847	10,423	100,223
With a disability	34.4%	47.3%	33.1%
<b>RESIDENCE 1 YEAR AGO</b>			
Population 1 year and over	692,181	116,365	524,694
Same house	87.6%	83.6%	88.5%
Different house in the U.S.	12.2%	15.9%	11.4%
Same county	7.2%	9.9%	6.4%
Different county	5.0%	6.0%	4.9%
Same state	3.5%	5.3%	3.2%
Different state	1.5%	0.7%	1.8%
Abroad	0.2%	0.5%	0.1%
<b>PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY</b>			
Native	669,054	115,858	523,822
Male	48.0%	45.4%	48.5%
Female	52.0%	54.6%	51.5%
Foreign born	30,551	1,925	6,030
Male	49.8%	43.6%	52.2%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female	50.2%	56.4%	47.8%
Foreign born; naturalized U.S. citizen	15,474	1,280	4,052
Male	49.9%	49.9%	52.3%
Female	50.1%	50.1%	47.7%
Foreign born; not a U.S. citizen	15,077	645	1,978
Male	49.7%	31.2%	52.0%
Female	50.3%	68.8%	48.0%
Population born outside the United States	30,551	1,925	6,030
Entered 2010 or later	24.5%	10.1%	23.9%
Entered 2000 to 2009	32.4%	75.2%	26.9%
Entered before 2000	43.0%	14.7%	49.2%
<b>WORLD REGION OF BIRTH OF FOREIGN BORN</b>			
Foreign-born population excluding population born at sea	30,551	1,925	6,030
Europe	11.6%	N	59.0%
Asia	30.2%	N	8.1%
Africa	8.9%	N	13.5%
Oceania	0.0%	N	0.0%
Latin America	46.0%	N	2.8%
Northern America	3.3%	N	16.6%
<b>LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH</b>			
Population 5 years and over	659,826	111,712	500,706
English only	94.0%	98.0%	98.7%
Language other than English	6.0%	2.0%	1.3%
Speak English less than "very well"	2.2%	0.5%	0.4%
<b>EMPLOYMENT STATUS</b>			
Population 16 years and over	559,043	92,183	431,887
In labor force	62.9%	69.7%	61.1%
Civilian labor force	62.8%	69.0%	61.0%
Employed	60.7%	65.9%	59.2%
Unemployed	2.1%	3.1%	1.9%
Unemployment Rate	3.3%	4.5%	3.1%
Armed Forces	0.1%	0.7%	0.0%
Not in labor force	37.1%	30.3%	38.9%
Females 16 years and over	292,342	50,644	223,641
In labor force	57.3%	69.2%	54.6%
Civilian labor force	57.2%	68.9%	54.6%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
All Persons	Estimate	Estimate	Estimate
Employed	55.5%	67.3%	52.9%
Unemployed	1.7%	1.5%	1.7%
Unemployment Rate	3.0%	2.2%	3.1%
<b>COMMUTING TO WORK</b>			
Workers 16 years and over	335,386	60,438	252,339
Car, truck, or van - drove alone	86.1%	84.6%	87.1%
Car, truck, or van - carpooled	7.0%	8.3%	6.0%
Public transportation (excluding taxicab)	0.1%	0.3%	0.0%
Walked	0.8%	0.3%	1.0%
Other means	0.9%	3.0%	0.5%
Worked from home	5.1%	3.5%	5.4%
Mean travel time to work (minutes)	28.7	28.6	28.9
<b>OCCUPATION</b>			
Civilian employed population 16 years and over	339,524	60,741	255,546
Management, business, science, and arts occupations	45.3%	36.1%	48.2%
Service occupations	13.0%	15.5%	11.5%
Sales and office occupations	20.9%	21.9%	21.2%
Natural resources, construction, and maintenance occupations	7.9%	3.8%	8.3%
Production, transportation, and material moving occupations	13.0%	22.7%	10.9%
Male civilian employed population 16 years and over	177,251	26,636	137,332
Management, business, science, and arts occupations	40.4%	24.2%	43.8%
Service occupations	11.6%	15.7%	10.5%
Sales and office occupations	14.6%	13.9%	14.9%
Natural resources, construction, and maintenance occupations	14.4%	8.4%	14.8%
Production, transportation, and material moving occupations	19.0%	37.9%	15.9%
Female civilian employed population 16 years and over	162,273	34,105	118,214
Management, business, science, and arts occupations	50.5%	45.3%	53.3%
Service occupations	14.5%	15.4%	12.7%
Sales and office occupations	27.8%	28.2%	28.4%
Natural resources, construction, and maintenance occupations	0.7%	0.2%	0.7%
Production, transportation, and material moving occupations	6.4%	10.9%	5.0%
<b>INDUSTRY</b>			
Civilian employed population 16 years and over	339,524	60,741	255,546
Agriculture, forestry, fishing and hunting, and mining	0.8%	0.3%	0.8%
Construction	6.2%	1.8%	6.8%
Manufacturing	10.8%	16.0%	9.7%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Wholesale trade	3.7%	3.4%	4.0%
Retail trade	10.3%	7.2%	10.8%
Transportation and warehousing, and utilities	5.5%	9.2%	5.0%
Information	1.9%	2.1%	1.9%
Finance and insurance, and real estate and rental and leasing	9.3%	10.5%	9.2%
Professional, scientific, and management, and administrative and waste management	10.6%	7.8%	11.5%
Educational services, and health care and social assistance	23.1%	20.3%	24.5%
Arts, entertainment, and recreation, and accommodation and food services	7.4%	9.1%	6.2%
Other services (except public administration)	6.3%	5.2%	6.2%
Public administration	4.0%	7.1%	3.4%
<b>CLASS OF WORKER</b>			
Civilian employed population 16 years and over	339,524	60,741	255,546
Private wage and salary workers	81.3%	79.5%	81.4%
Government workers	13.4%	17.8%	12.9%
Self-employed workers in own not incorporated business	5.0%	2.7%	5.4%
Unpaid family workers	0.2%	0.0%	0.2%
<b>INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)</b>			
Households	272,470	45,370	211,143
Median household income (dollars)	69,072	59,237	72,670
With earnings	77.2%	81.2%	75.4%
Mean earnings (dollars)	98,407	78,749	103,688
With Social Security income	32.3%	23.0%	35.6%
Mean Social Security income (dollars)	21,495	15,509	22,518
With Supplemental Security Income	4.6%	6.7%	4.0%
Mean Supplemental Security Income (dollars)	10,656	8,210	11,322
With cash public assistance income	0.7%	N	0.6%
Mean cash public assistance income (dollars)	6,273	15,566	3,940
With retirement income	26.6%	19.9%	29.2%
Mean retirement income (dollars)	30,034	23,694	31,148
With Food Stamp/SNAP benefits	7.2%	15.2%	5.3%
Families	186,592	28,984	144,782
Median family income (dollars)	87,199	73,119	92,859
Married-couple family	79.4%	55.6%	83.9%
Median income (dollars)	100,212	106,951	101,238
Male householder, no spouse present, family	4.7%	10.9%	3.3%
Median income (dollars)	55,996	61,459	60,103

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female householder, no husband present, family	15.9%	33.5%	12.8%
Median income (dollars)	48,863	43,387	51,209
Individuals	699,605	117,783	529,852
Per capita income (dollars)	38,316	29,764	41,266
With earnings for full-time, year-round workers:			
Male	146,227	22,544	112,745
Female	110,059	27,082	76,514
Mean earnings (dollars) for full-time, year-round workers:			
Male	83,516	57,305	89,714
Female	58,120	51,260	61,399
Median earnings (dollars) full-time, year-round workers:			
Male	58,689	45,079	62,058
Female	47,365	43,760	49,695
<b>HEALTH INSURANCE COVERAGE</b>			
Civilian noninstitutionalized population	693,338	115,226	526,228
With private health insurance	75.9%	70.7%	78.4%
With public coverage	29.8%	33.1%	29.5%
No health insurance coverage	7.2%	7.4%	6.2%
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>			
All families	6.3%	9.2%	5.2%
With related children of the householder under 18 years	9.3%	11.4%	8.6%
With related children of the householder under 5 years only	5.7%	N	5.7%
Married-couple family	3.8%	4.0%	3.4%
With related children of the householder under 18 years	4.3%	N	4.8%
With related children of the householder under 5 years only	N	N	N
Female householder, no spouse present, family	16.5%	16.9%	15.7%
With related children of the householder under 18 years	25.8%	24.4%	26.1%
With related children of the householder under 5 years only	28.2%	N	30.4%
All people	9.5%	12.7%	8.5%
Under 18 years	12.2%	15.1%	10.9%
Related children of the householder under 18 years	11.9%	14.9%	10.7%
Related children of the householder under 5 years	11.7%	7.9%	10.6%
Related children of the householder 5 to 17 years	12.0%	16.8%	10.8%
18 years and over	8.7%	11.9%	7.8%
18 to 64 years	8.6%	11.1%	7.9%
65 years and over	9.2%	17.5%	7.8%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
People in families	7.2%	9.7%	6.1%
Unrelated individuals 15 years and over	21.8%	26.4%	20.7%
<b>HOUSING TENURE</b>			
Occupied housing units	272,470	45,370	211,143
Owner-occupied housing units	75.9%	55.3%	80.9%
Renter-occupied housing units	24.1%	44.7%	19.1%
Average household size of owner-occupied unit	2.62	2.56	2.59
Average household size of renter-occupied unit	2.25	2.25	2.12
<b>UNITS IN STRUCTURE</b>			
Occupied housing units	272,470	45,370	211,143
1-unit, detached or attached	77.2%	64.2%	80.7%
2 to 4 units	2.7%	4.8%	2.2%
5 or more units	11.0%	26.4%	7.4%
Mobile home, boat, RV, van, etc.	9.2%	4.6%	9.8%
<b>YEAR STRUCTURE BUILT</b>			
Occupied housing units	272,470	45,370	211,143
Built 2014 or later	5.8%	7.0%	5.6%
Built 2010 to 2013	3.6%	4.4%	3.4%
Built 2000 to 2009	18.3%	18.2%	18.1%
Built 1980 to 1999	33.8%	33.2%	33.9%
Built 1960 to 1979	25.1%	25.2%	24.8%
Built 1940 to 1959	9.7%	8.8%	10.2%
Built 1939 or earlier	3.7%	3.1%	4.0%
<b>VEHICLES AVAILABLE</b>			
Occupied housing units	272,470	45,370	211,143
None	3.0%	5.1%	2.7%
1 or more	97.0%	94.9%	97.3%
<b>HOUSE HEATING FUEL</b>			
Occupied housing units	272,470	45,370	211,143
Gas	45.2%	37.0%	47.6%
Electricity	53.8%	62.4%	51.3%
All other fuels	0.5%	0.3%	0.6%
No fuel used	0.5%	0.2%	0.5%
<b>SELECTED CHARACTERISTICS</b>			
Occupied housing units	272,470	45,370	211,143
No telephone service available	1.1%	N	1.1%

	All Persons	Black or African American alone or in combination	White alone, not Hispanic or Latino
	Estimate	Estimate	Estimate
1.01 or more occupants per room	1.3%	N	1.0%
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Housing units with a mortgage (excluding units where SMOC cannot be computed)	128,851	18,828	103,435
Less than 30 percent	77.9%	77.3%	78.5%
30 percent or more	22.1%	22.7%	21.5%
<b>OWNER CHARACTERISTICS</b>			
Owner-occupied housing units	206,801	25,070	170,745
Median value (dollars)	206,000	161,100	220,000
Median selected monthly owner costs with a mortgage (dollars)	1,414	1,217	1,453
Median selected monthly owner costs without a mortgage (dollars)	415	380	421
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Occupied units paying rent (excluding units where GRAP1 cannot be computed)	57,522	19,068	34,064
Less than 30 percent	55.8%	60.1%	54.9%
30 percent or more	44.2%	39.9%	45.1%
<b>GROSS RENT</b>			
Occupied units paying rent	58,348	19,125	34,560
Median gross rent (dollars)	1,026	1,031	1,017
<b>COMPUTERS AND INTERNET USE</b>			
Total households	272,470	45,370	211,143
With a computer	93.0%	91.1%	93.4%
With a broadband Internet subscription	88.3%	85.4%	89.0%

###

# **Exhibit R-1**

## **Selected Socio-Economic Data**

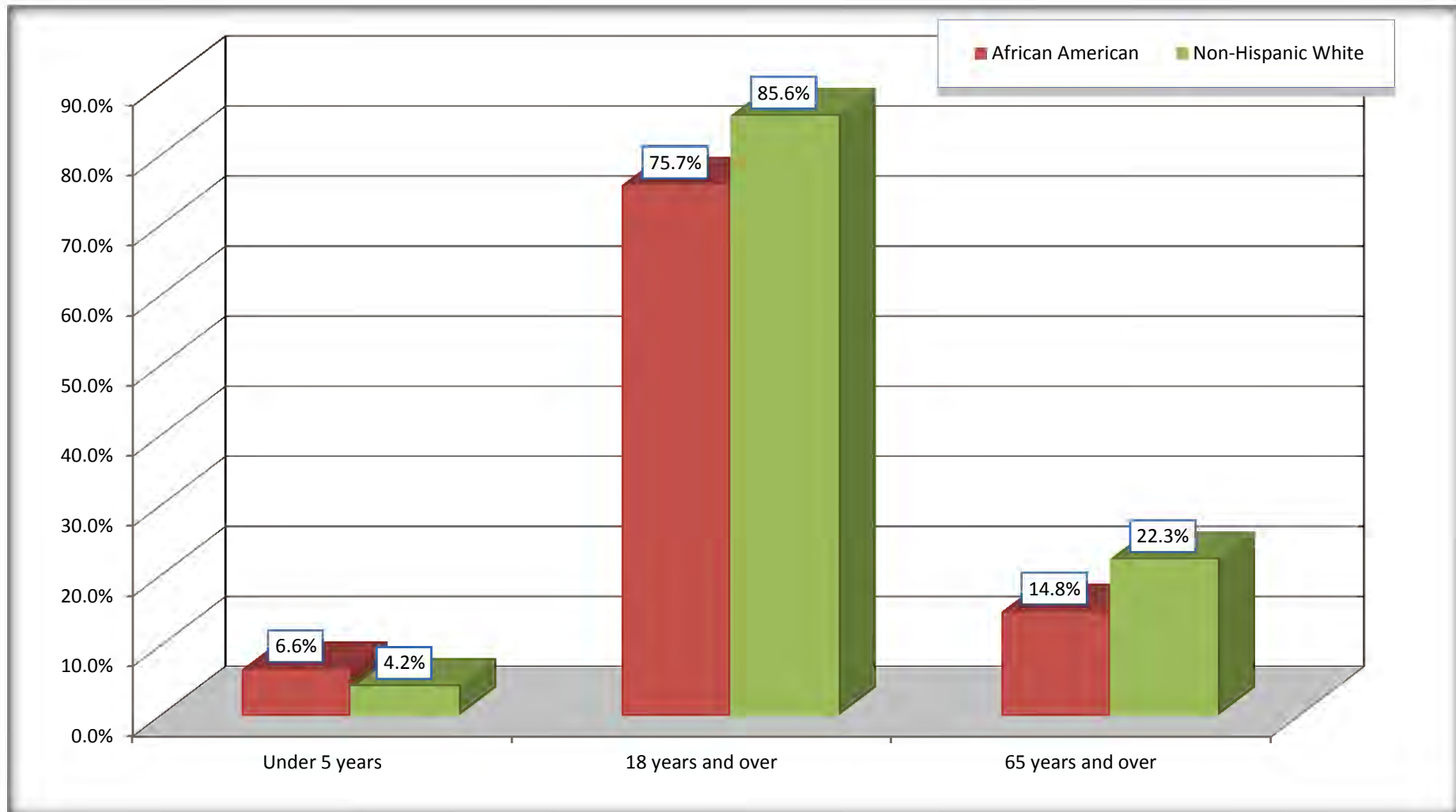
### **Congressional District 7 (116th Congress), Alabama**

**Any Part African American vis-à-vis NH White**

**Data Set: 2019 American Community Survey 1-Year Estimates**

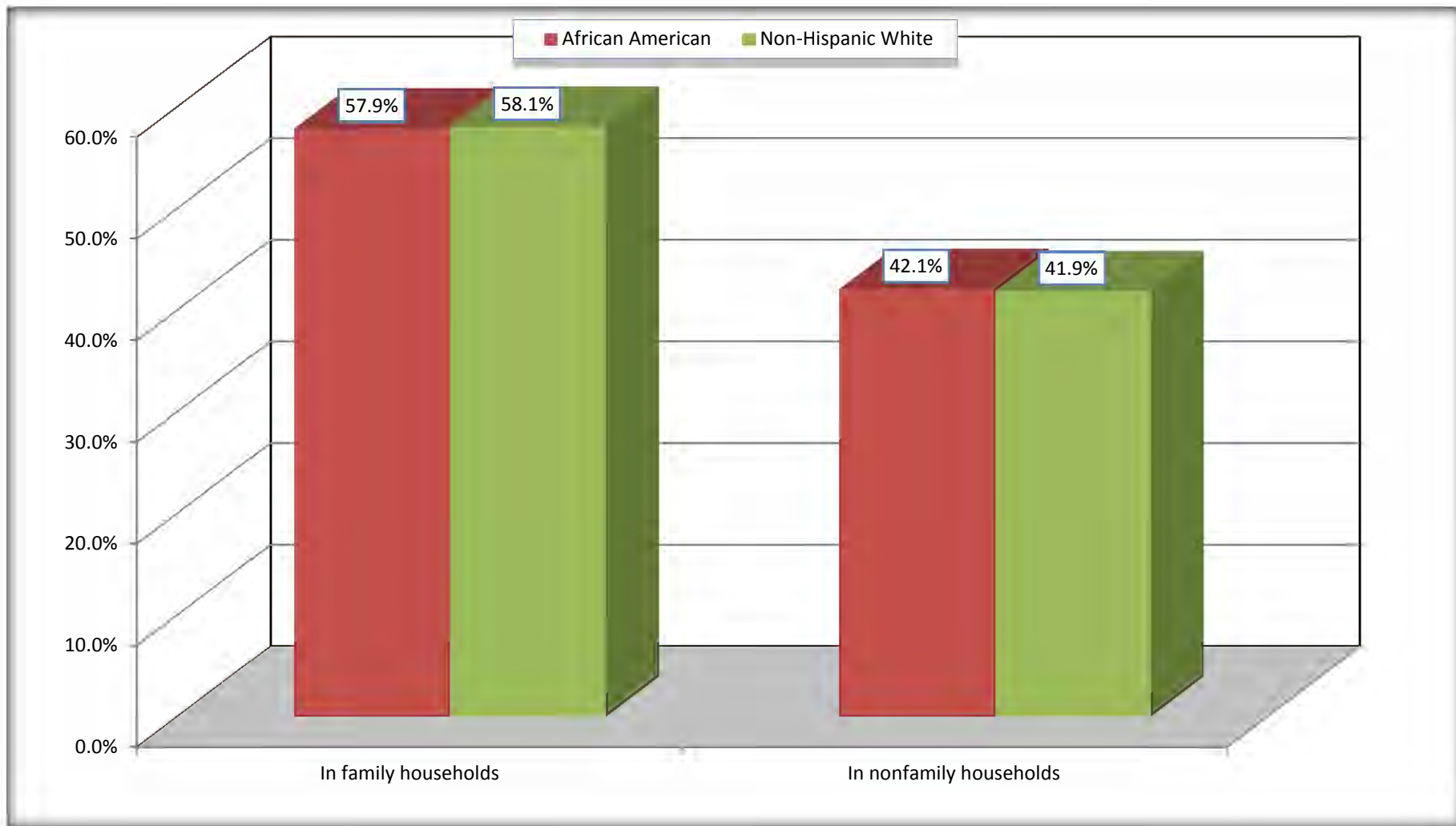
# Population by Age

## Congressional District 7 (116th Congress), Alabama



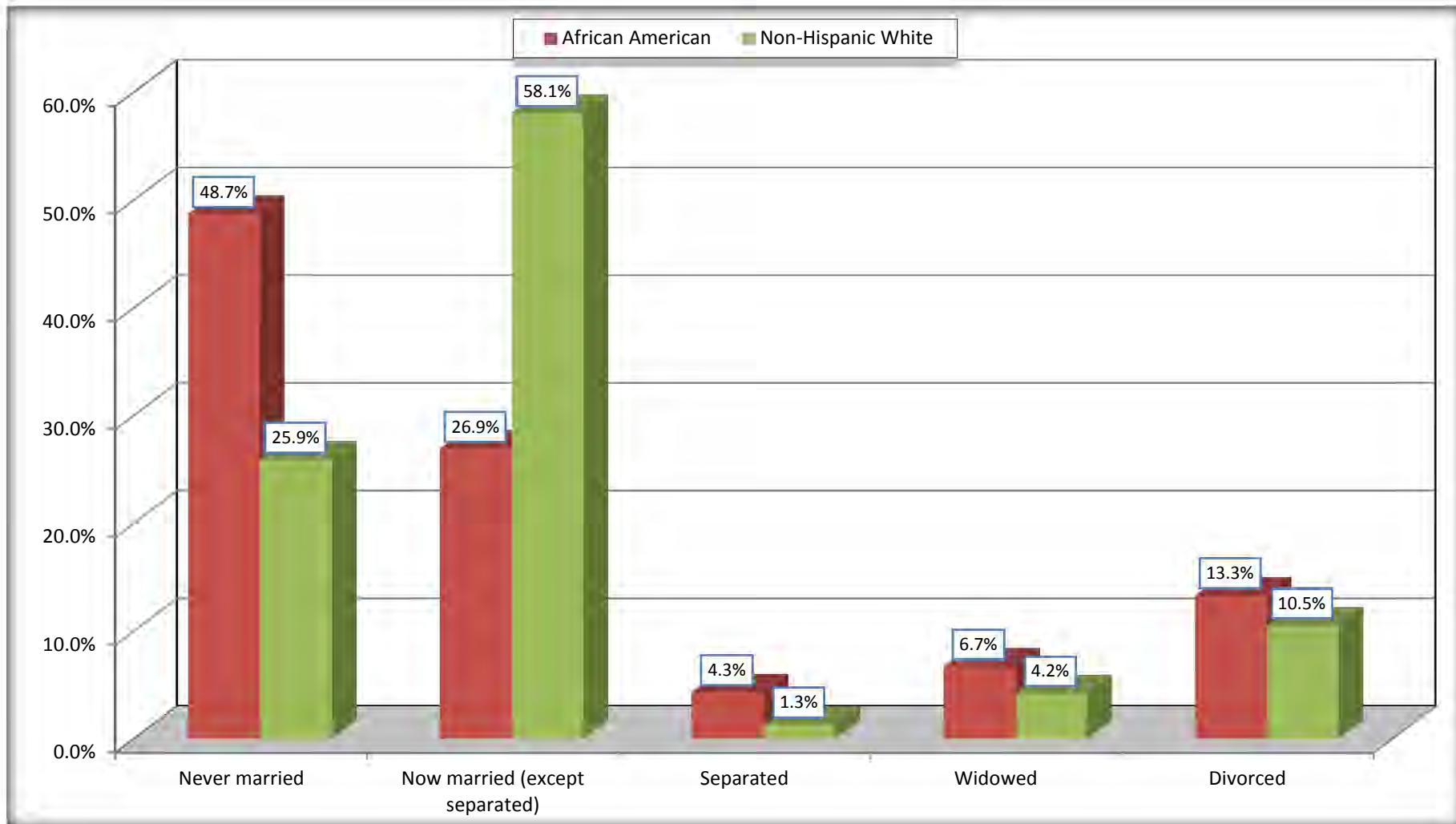
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

### Household Type for Population in Households Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

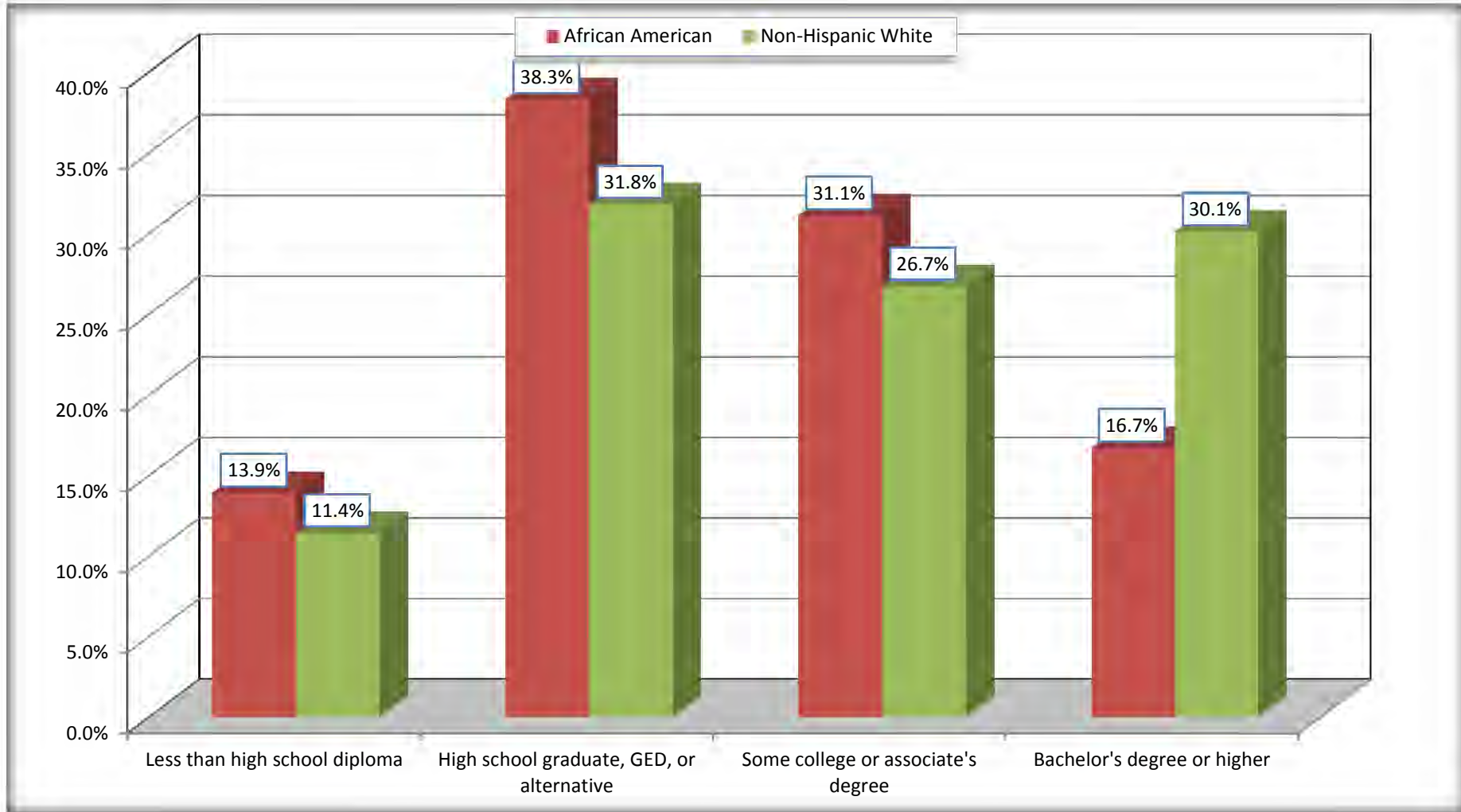
# **Marital Status for the Population 15 Years and Over** **Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

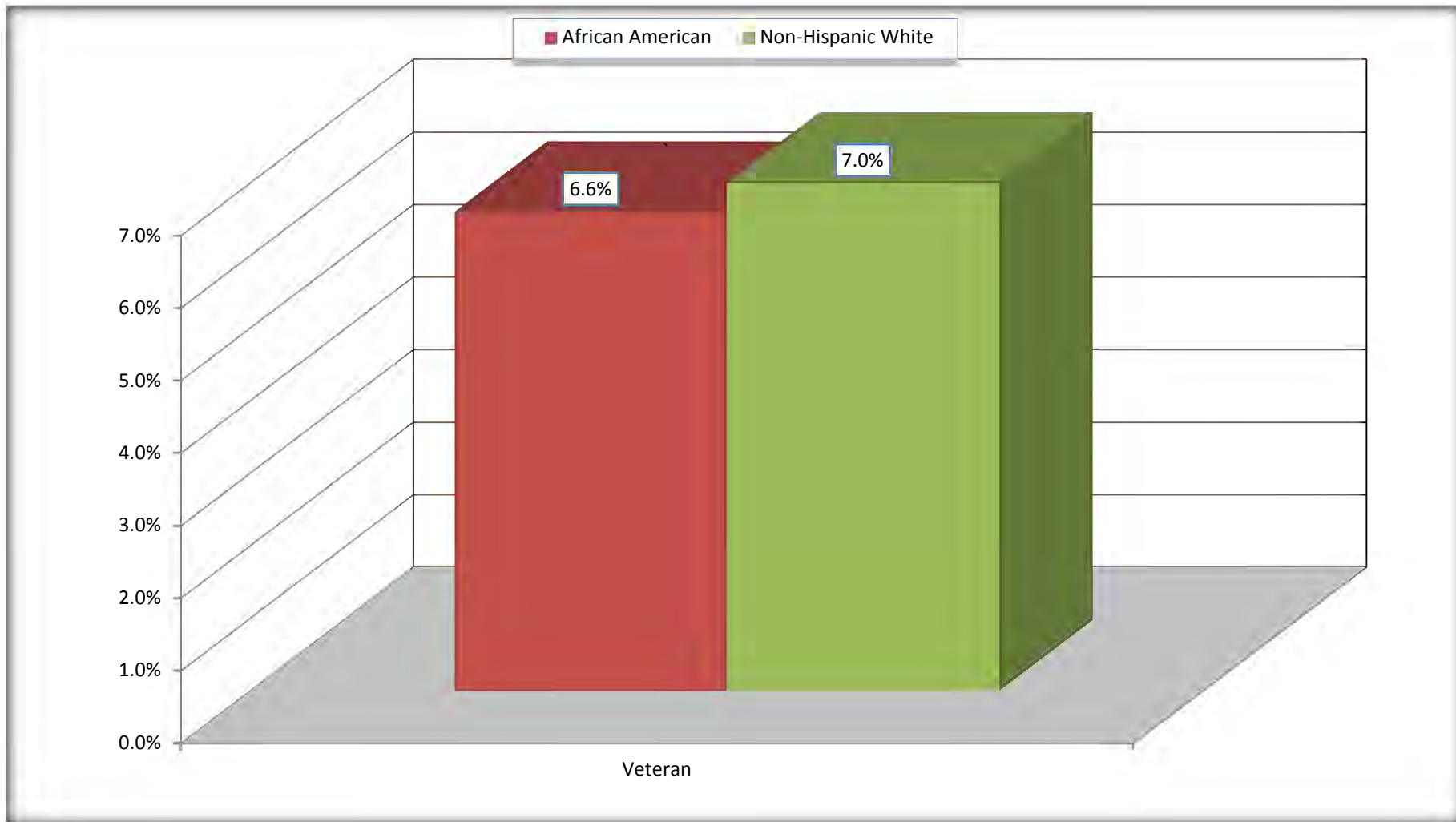
## Educational Attainment for the Population 25 Years and Older

### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

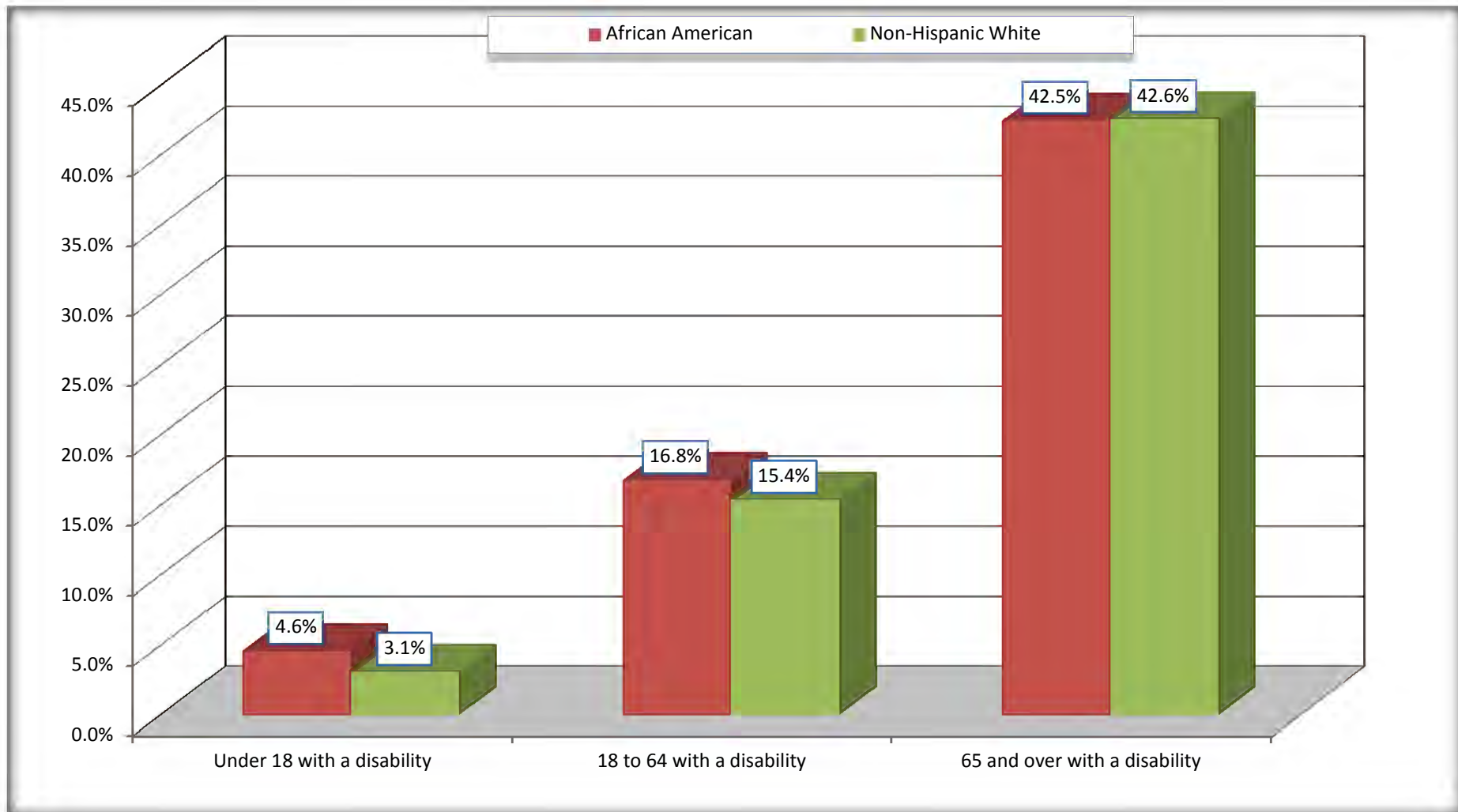
**Veterans in the Civilian Population 18 Years and Over**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# Disability by Age -- Civilian Noninstitutionalized Population

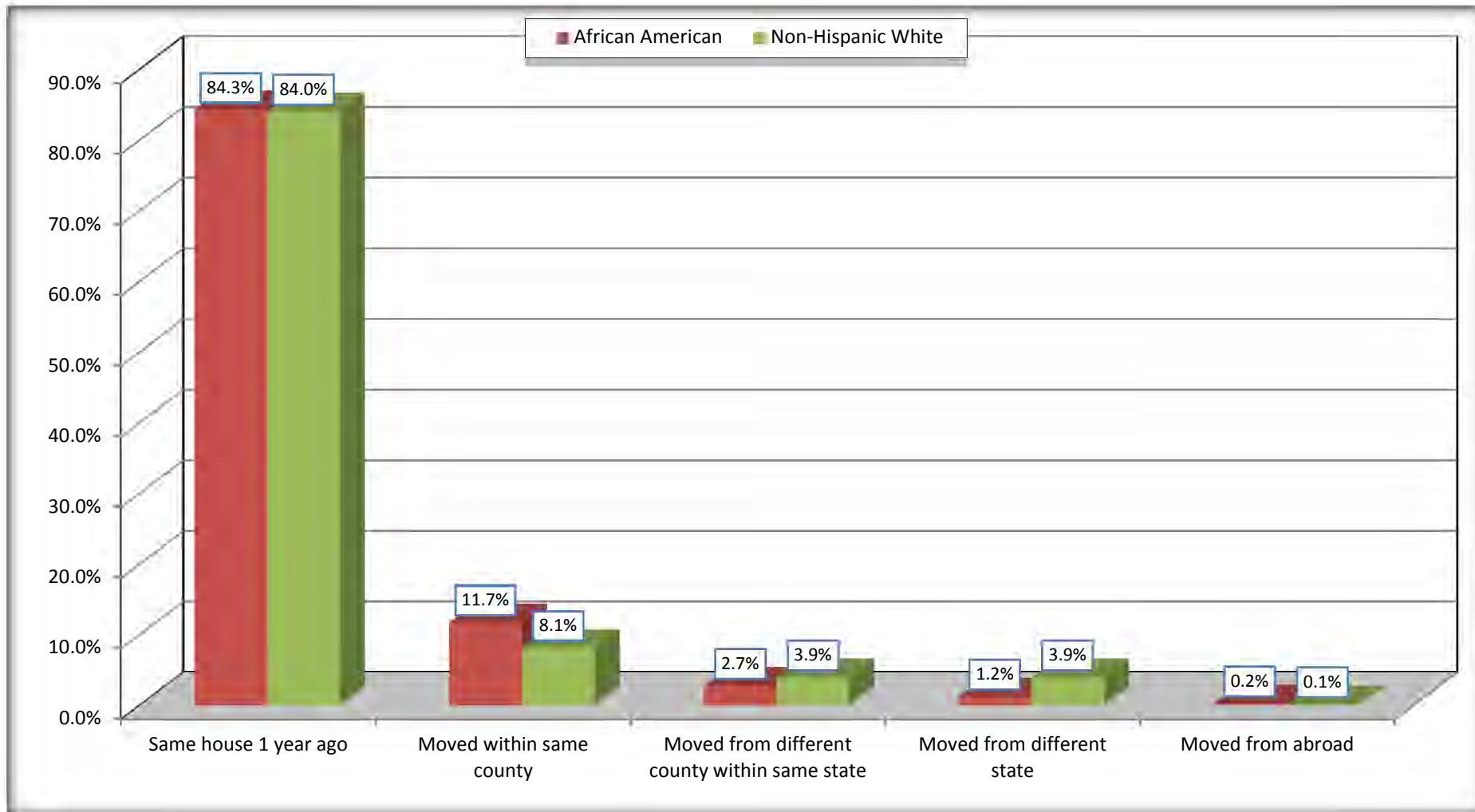
## Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Geographical Mobility in the Past Year (Population 1 Year and Over)

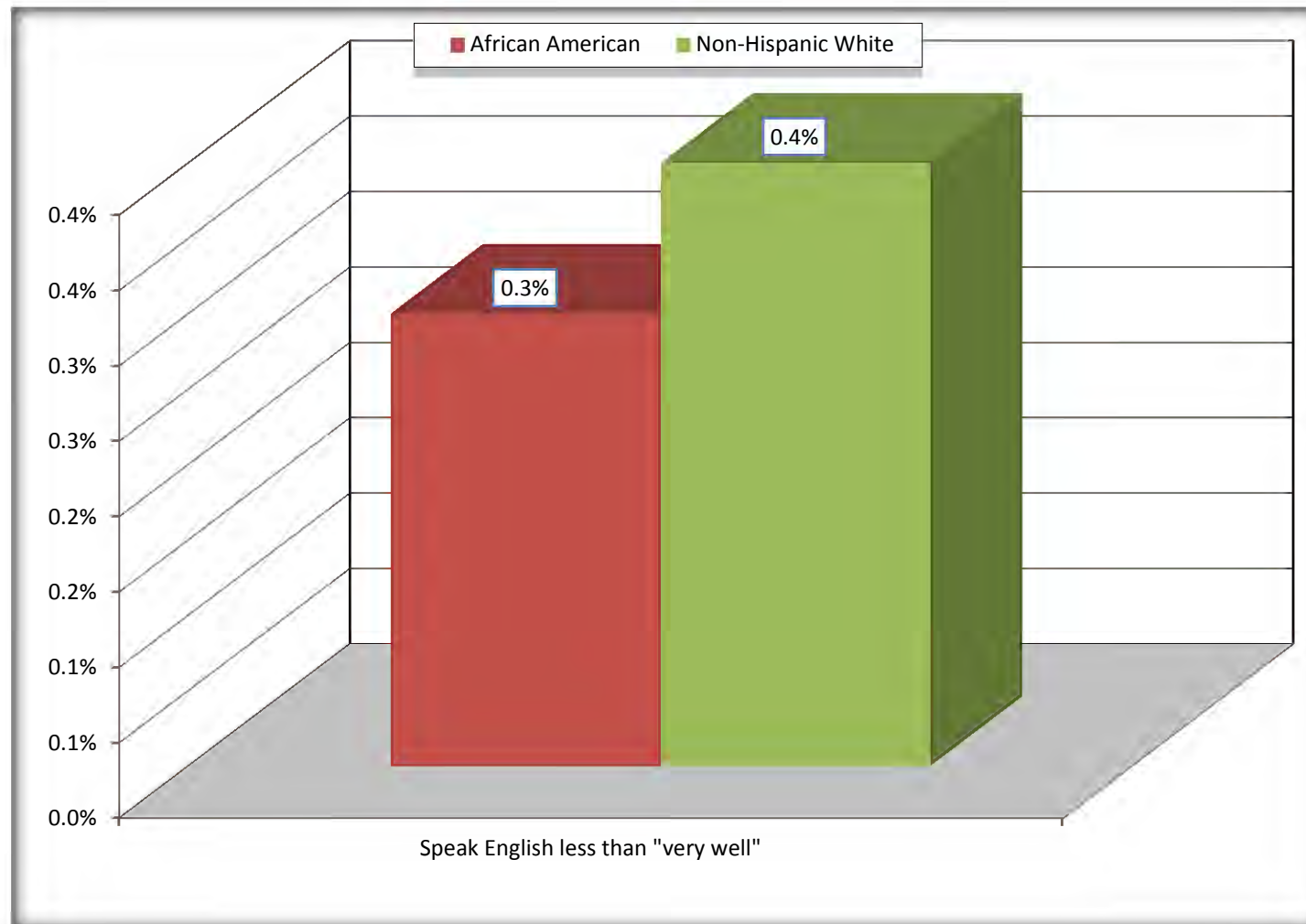
### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Speak English Less than "Very Well" (Population 5 Years and Over)

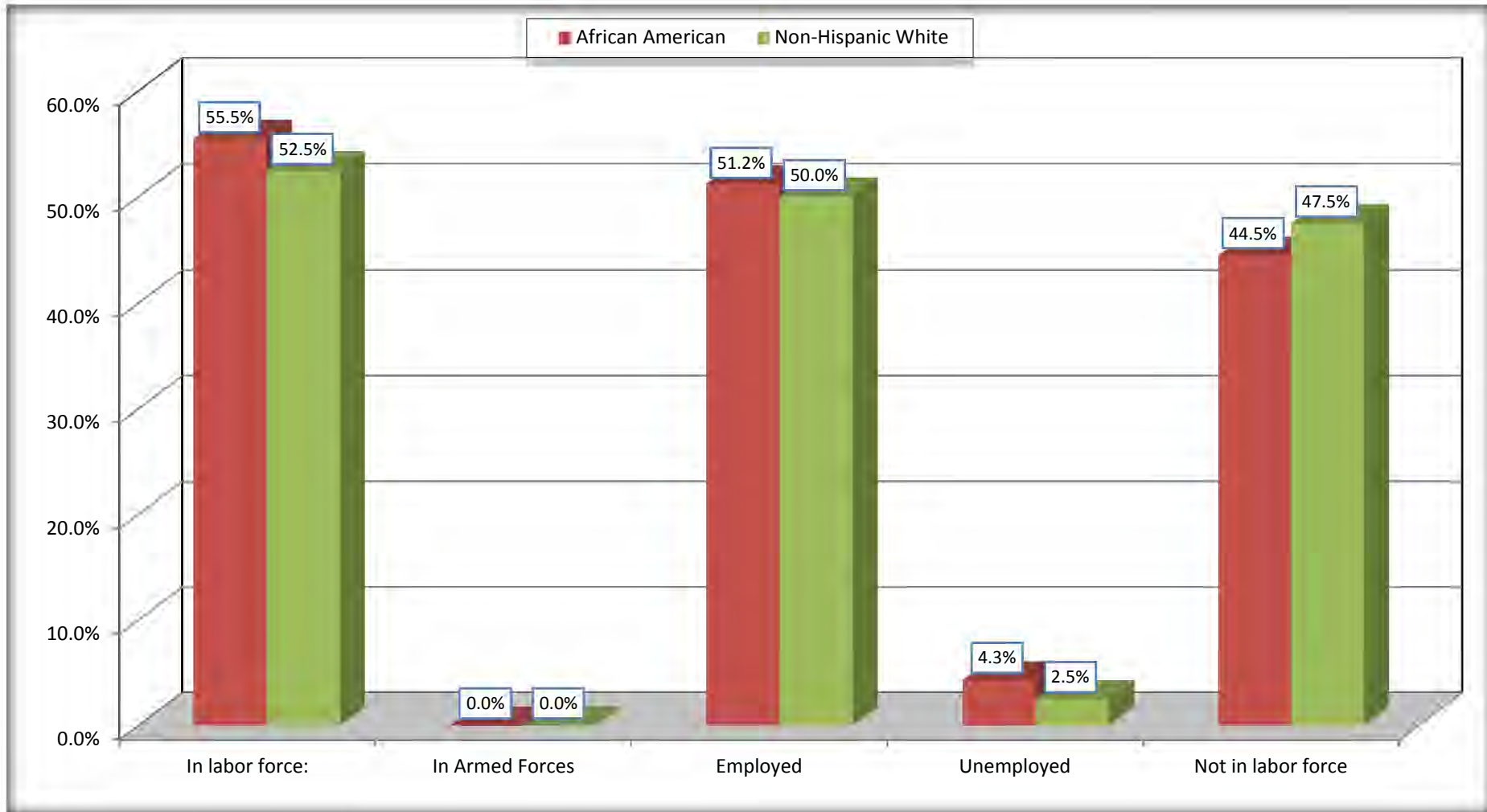
### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

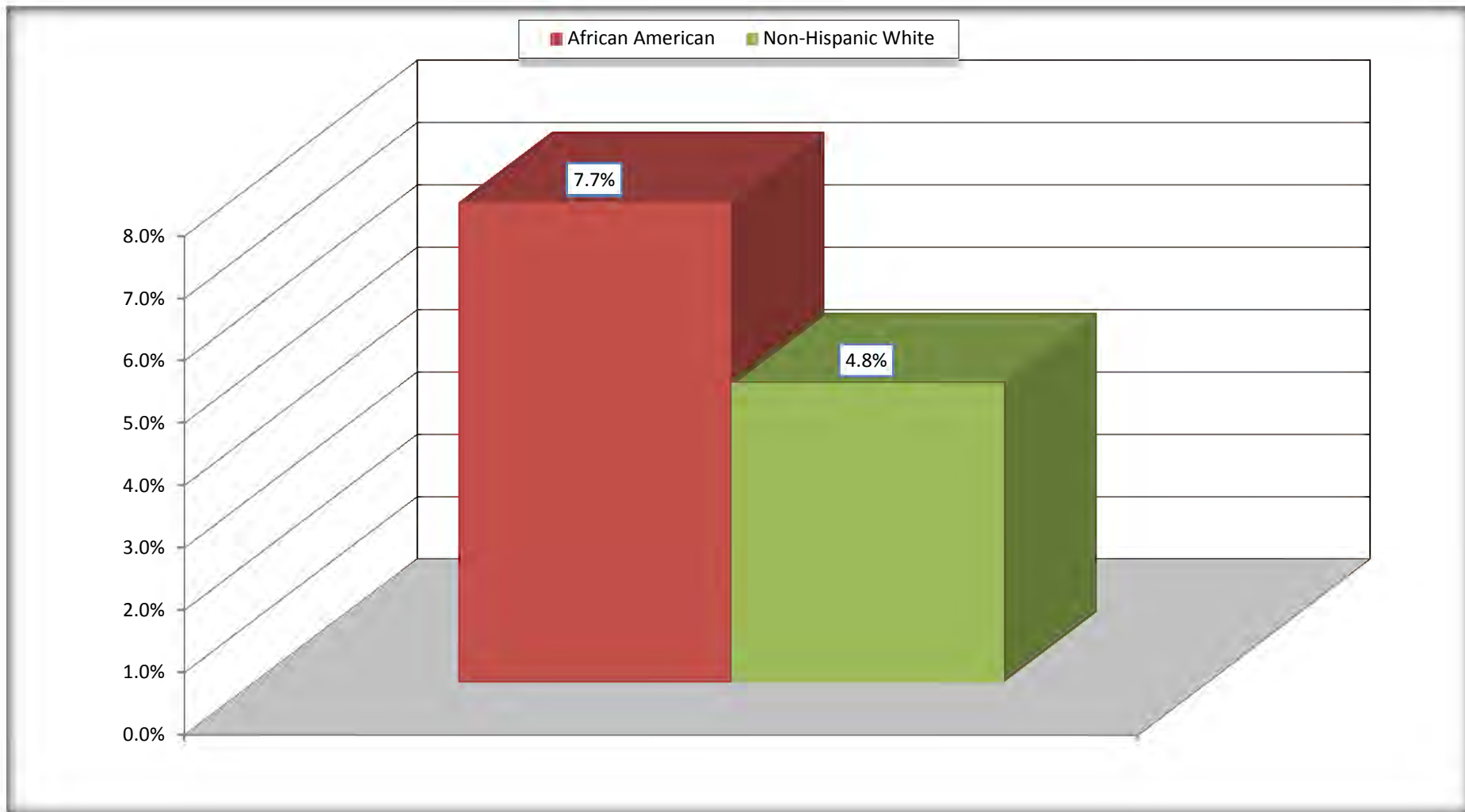
## Employment Status for the Population 16 years and over

### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

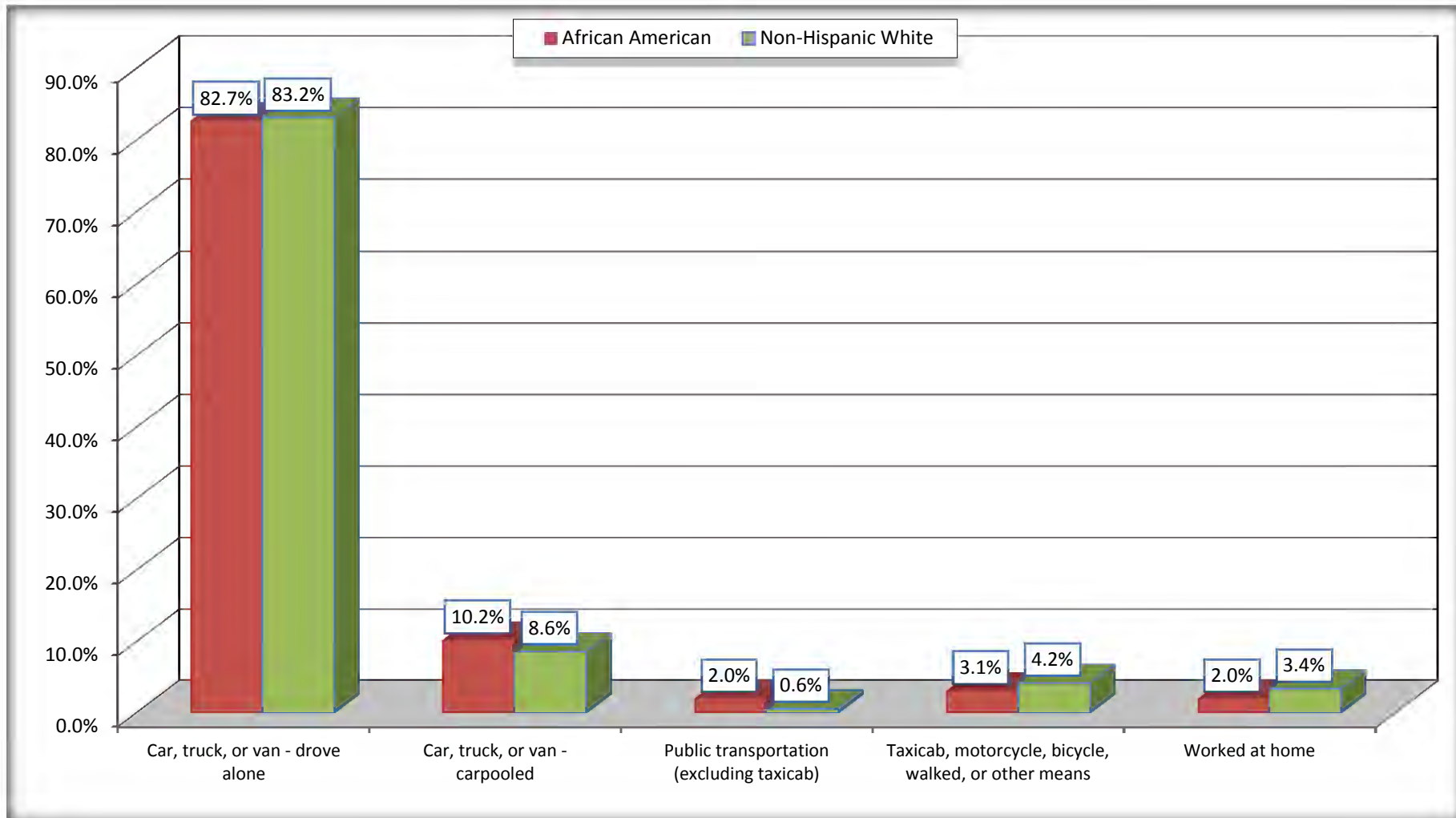
**Unemployment (Civilian Labor Force -- Ages 16 and Over)**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Means of Transportation to Work (Workers 16 Years and Over)

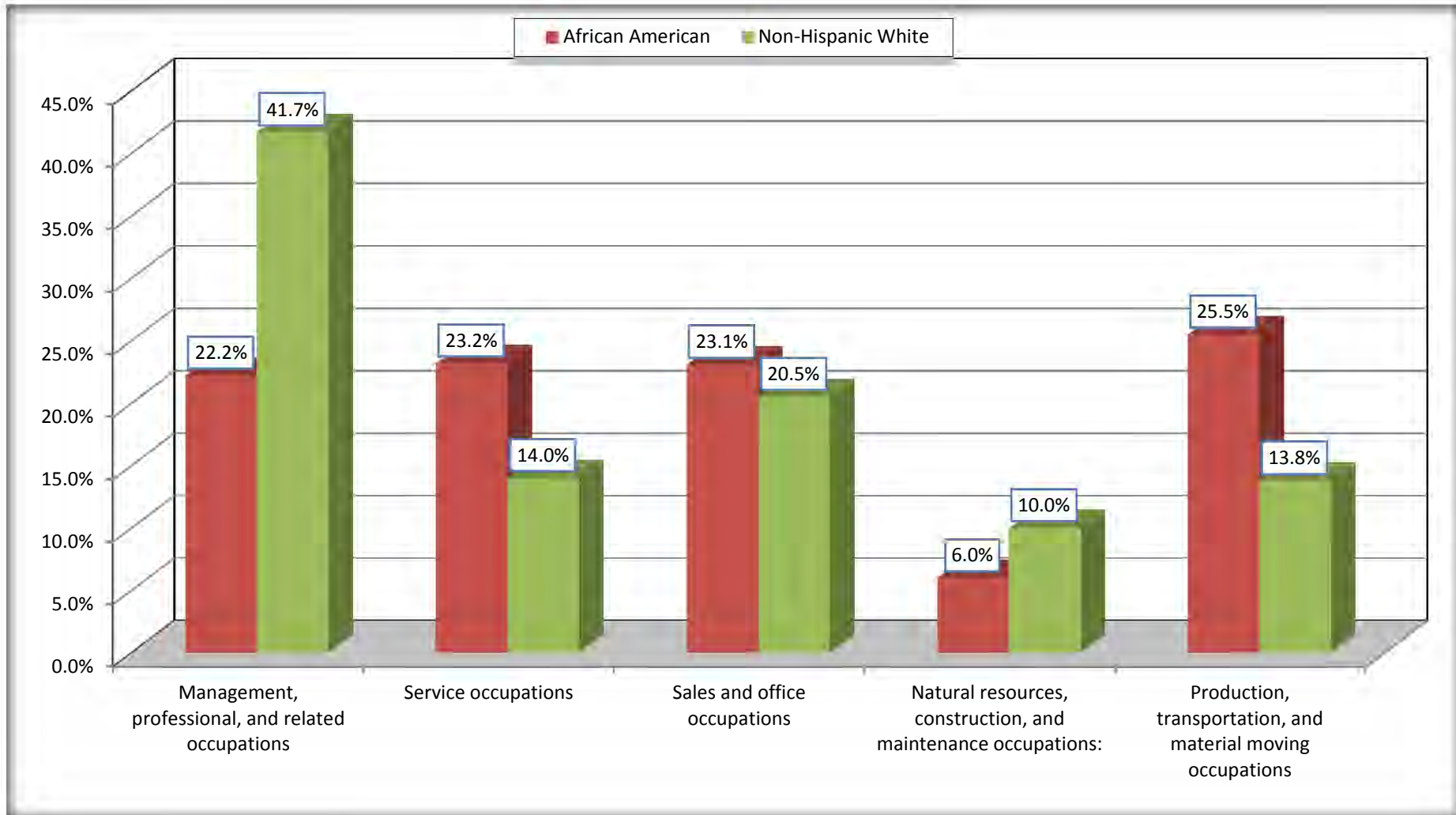
### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

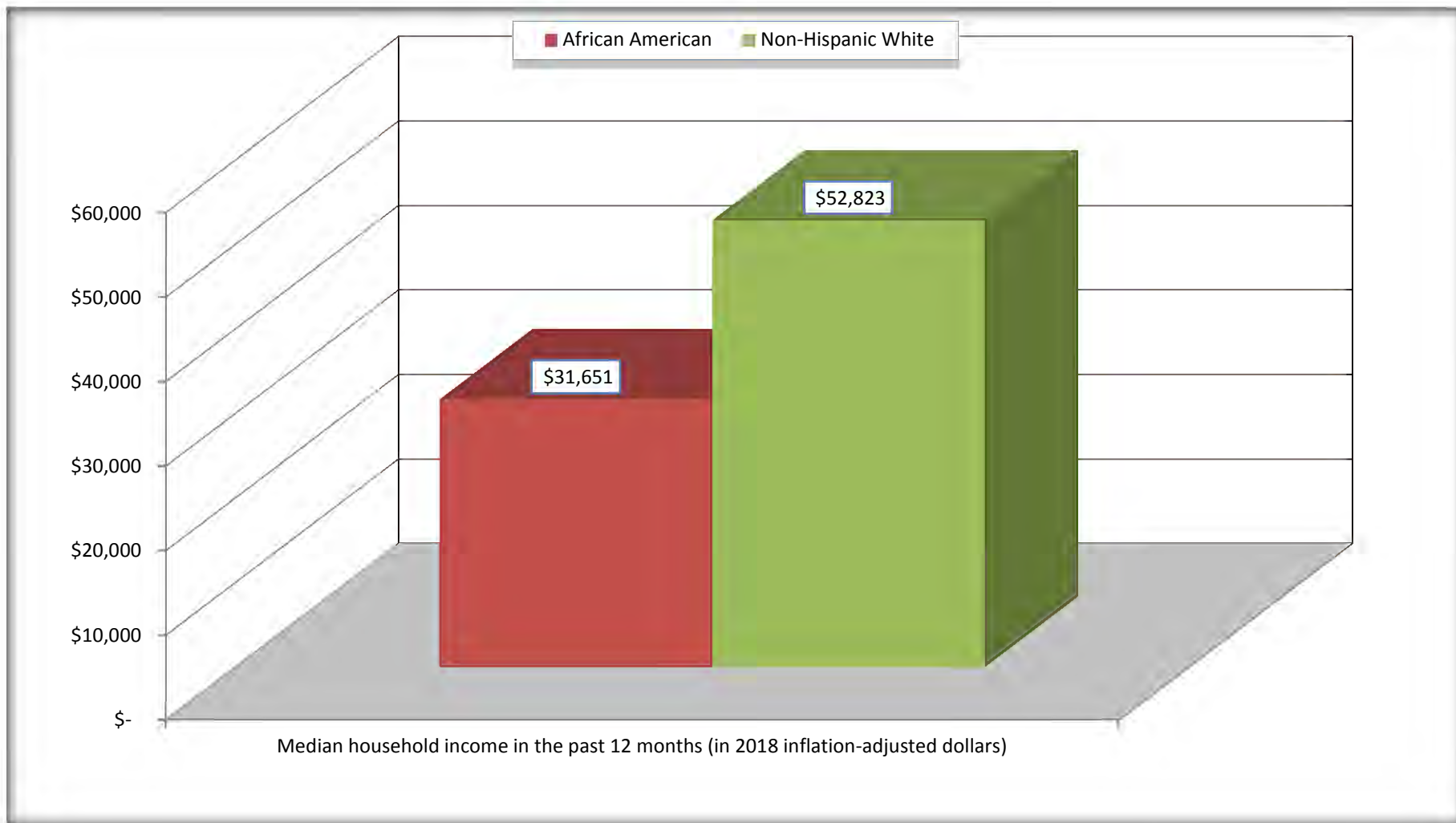
## Occupation for the Civilian Employed 16 Years and Over Population

### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

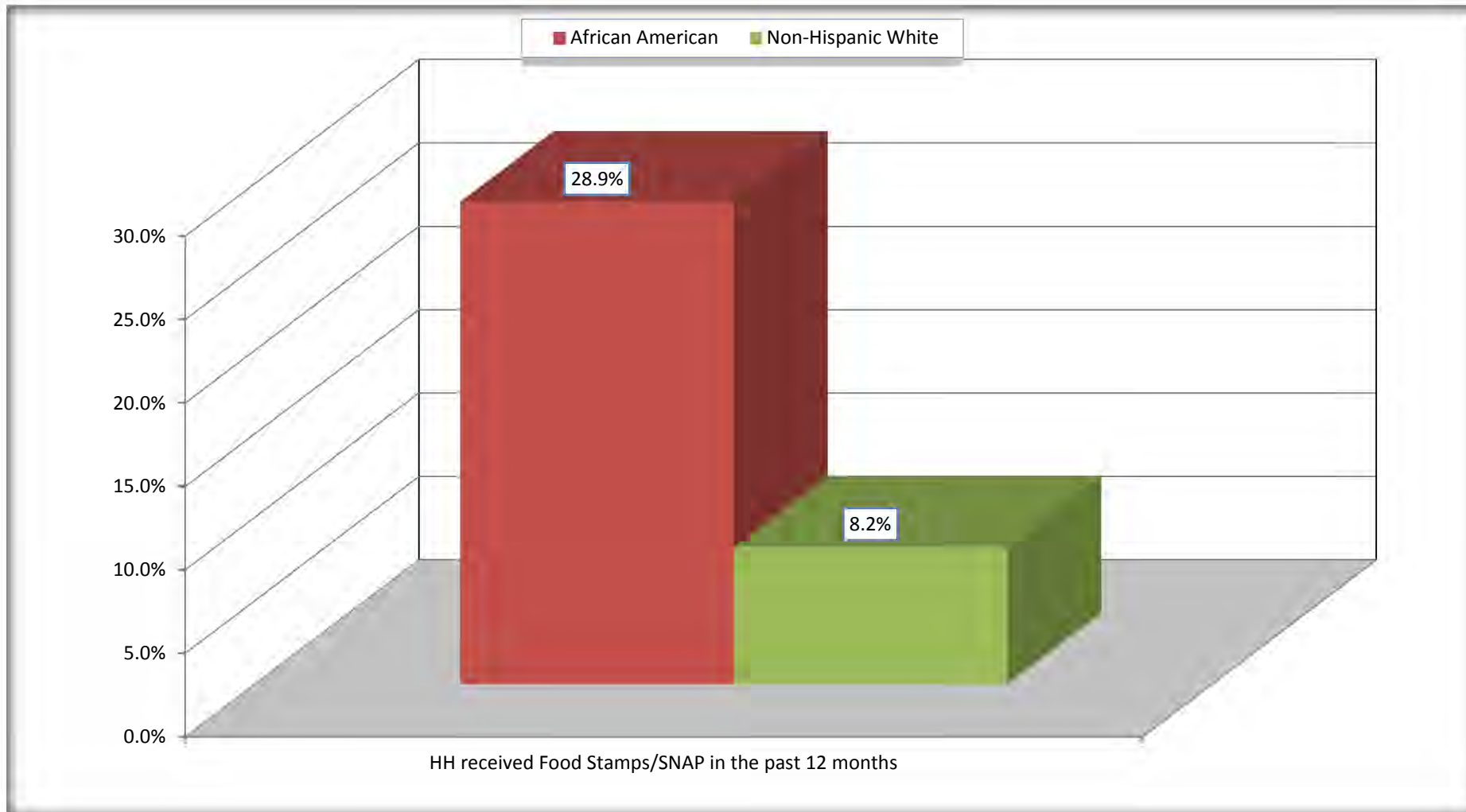
**Median Household Income in the Past 12 Months**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

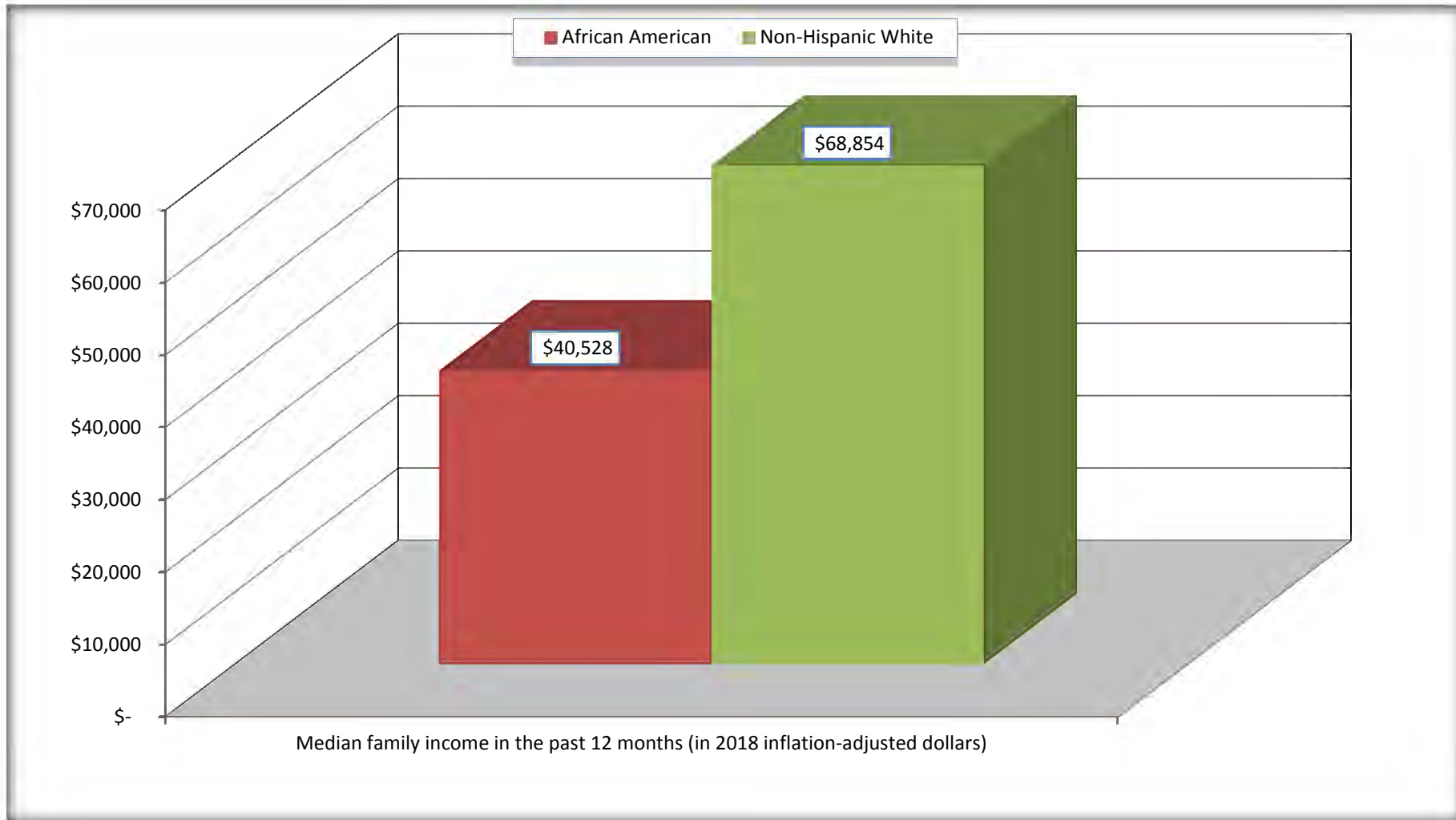
## Receipt of Food Stamps/SNAP in the Past 12 Months by Household

### Congressional District 7 (116th Congress), Alabama



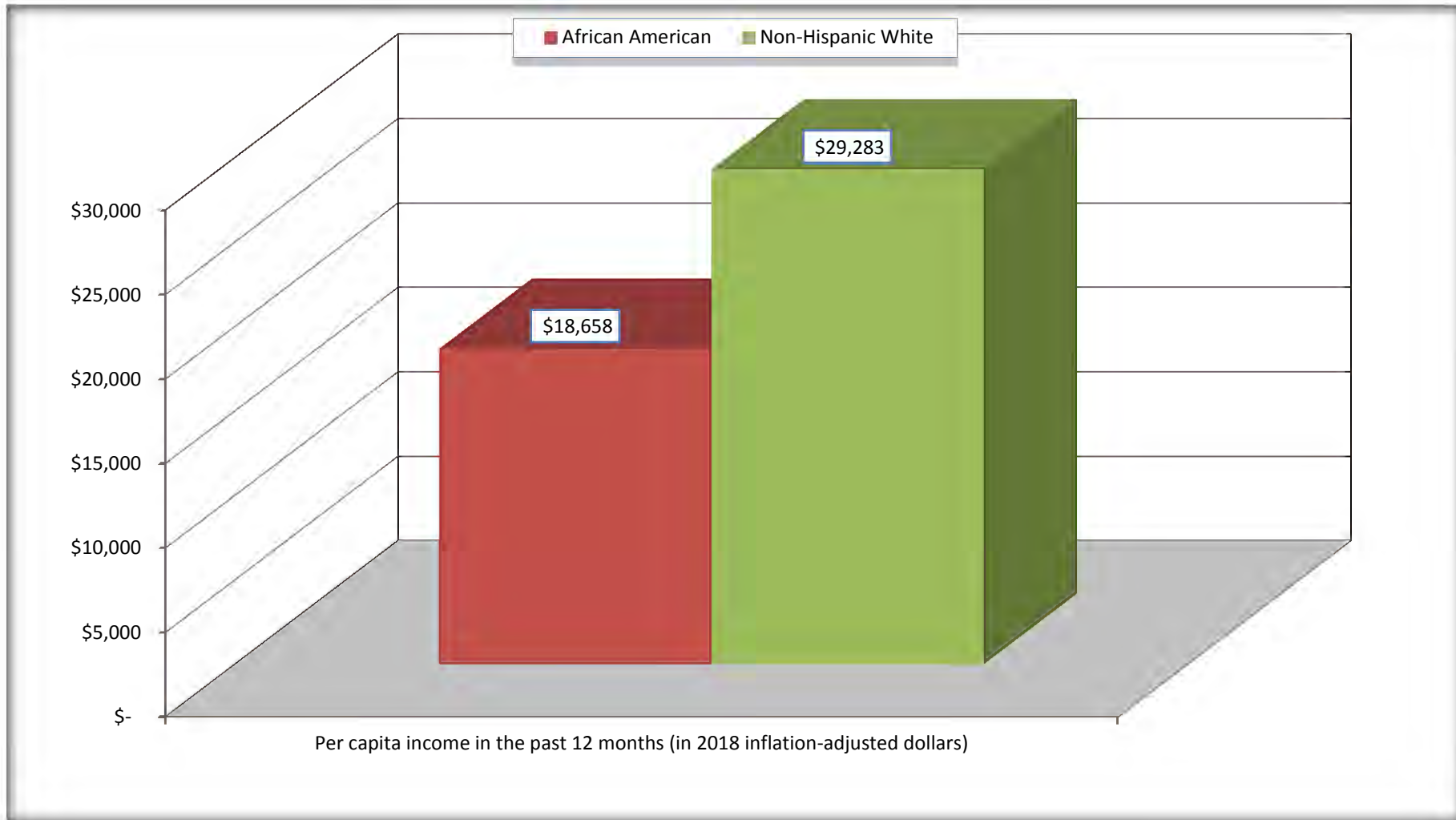
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Median Family Income in the Past 12 Months Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

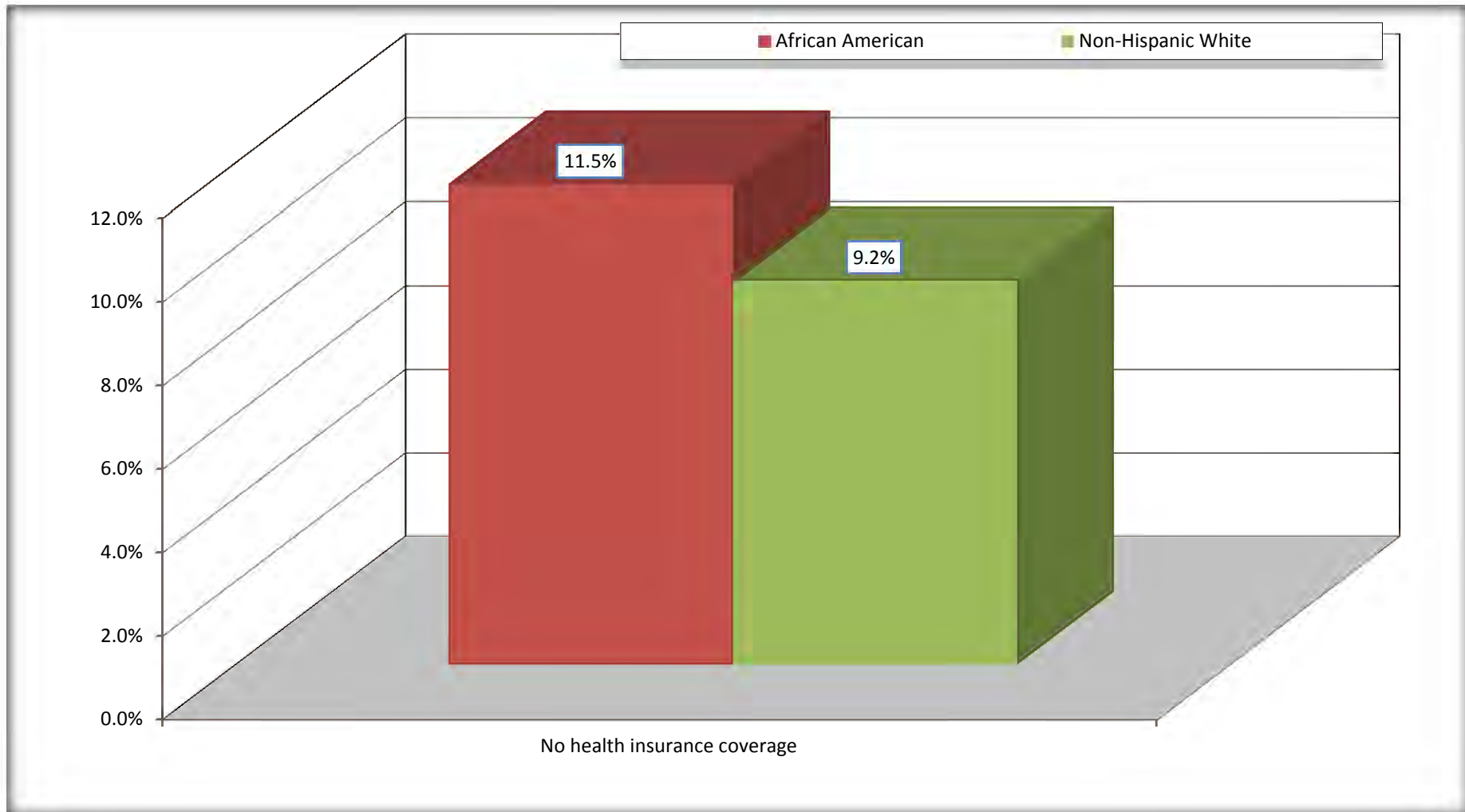
**Per capita Income in the Past 12 Months**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

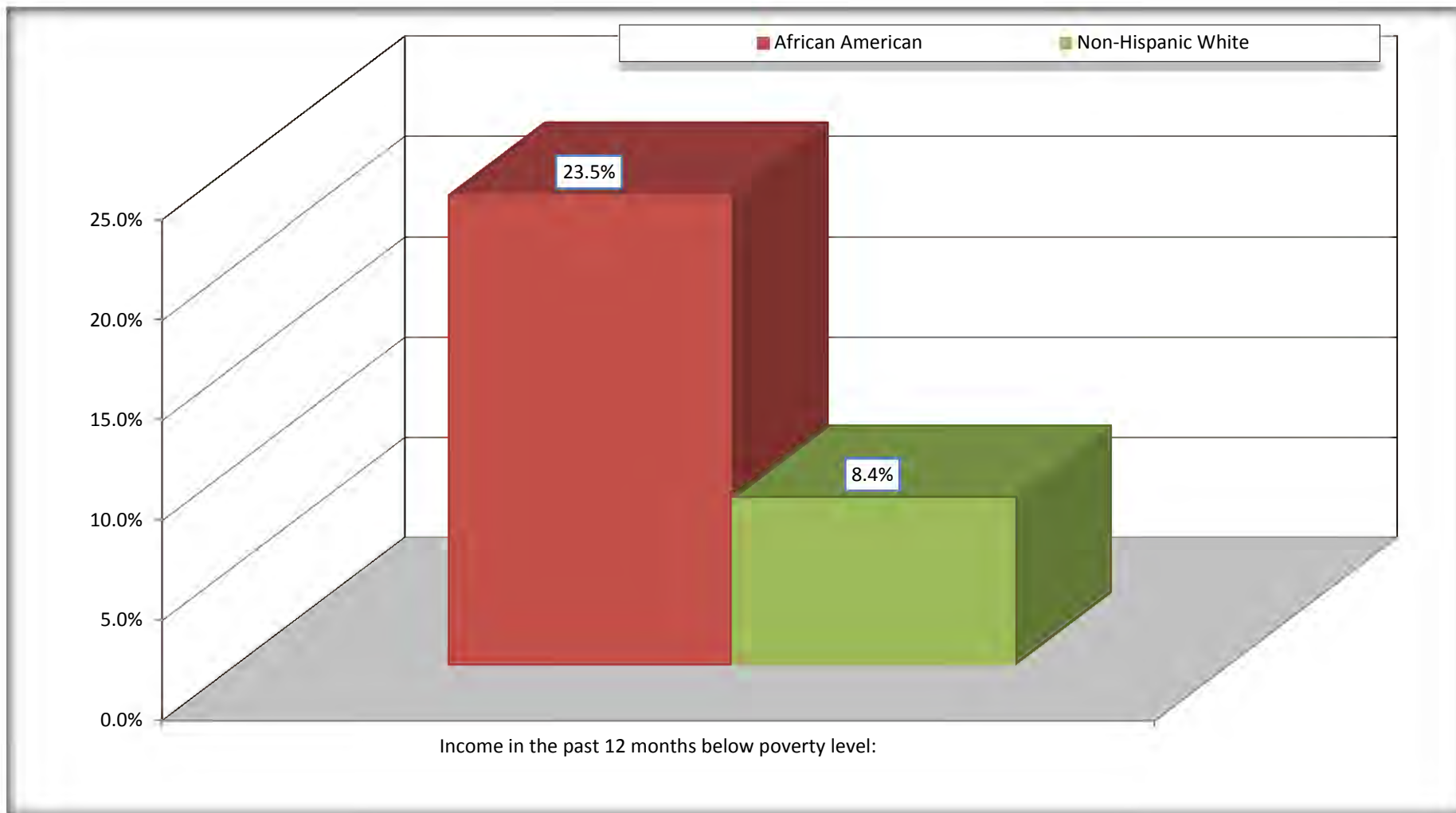
# **Lack of Health Insurance Coverage -- Civilian Noninstitutionalized Population**

## **Congressional District 7 (116th Congress), Alabama**



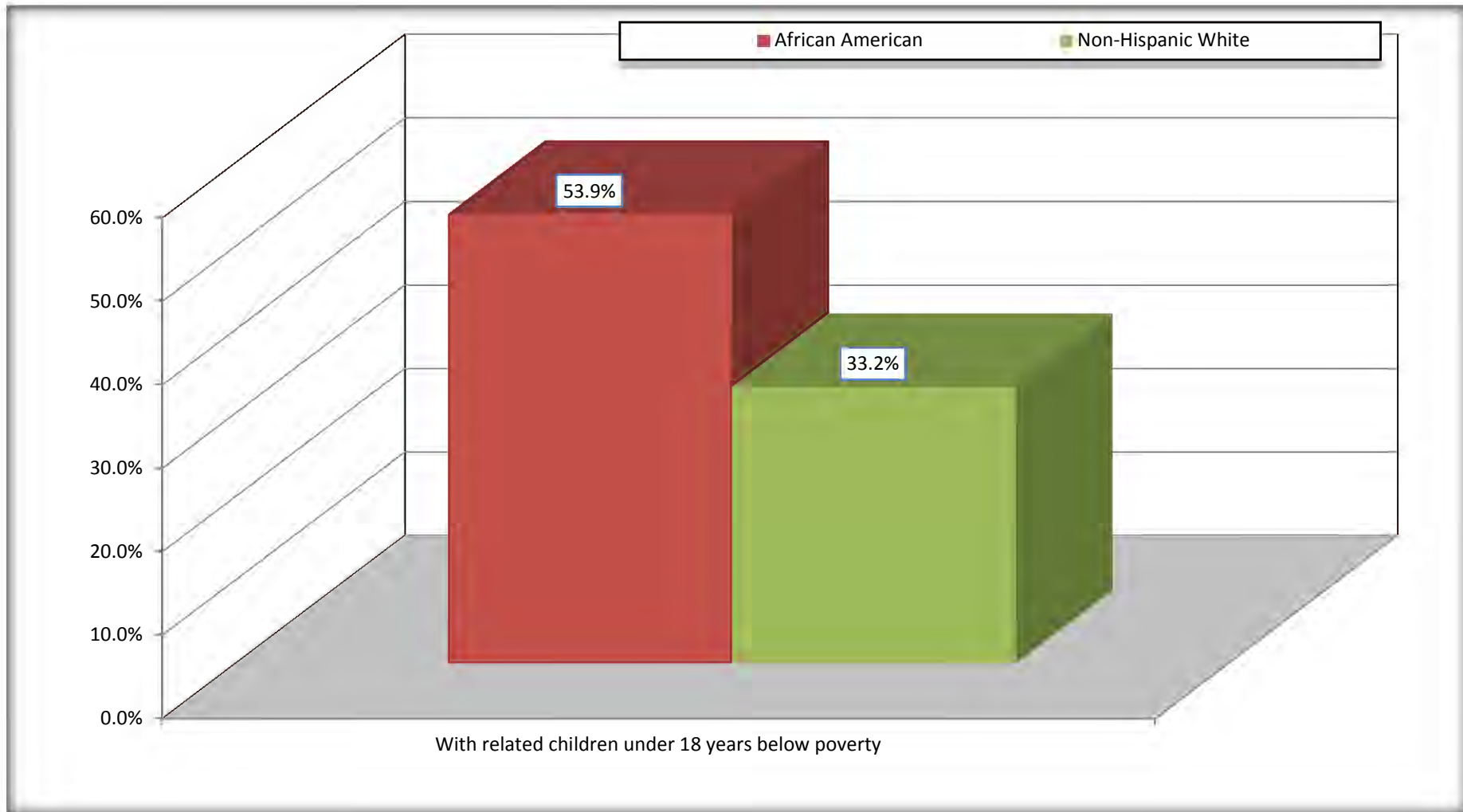
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Family Households Below Poverty in the Past 12 Months**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-headed Households with Related Children Below Poverty in the Past 12 Months**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

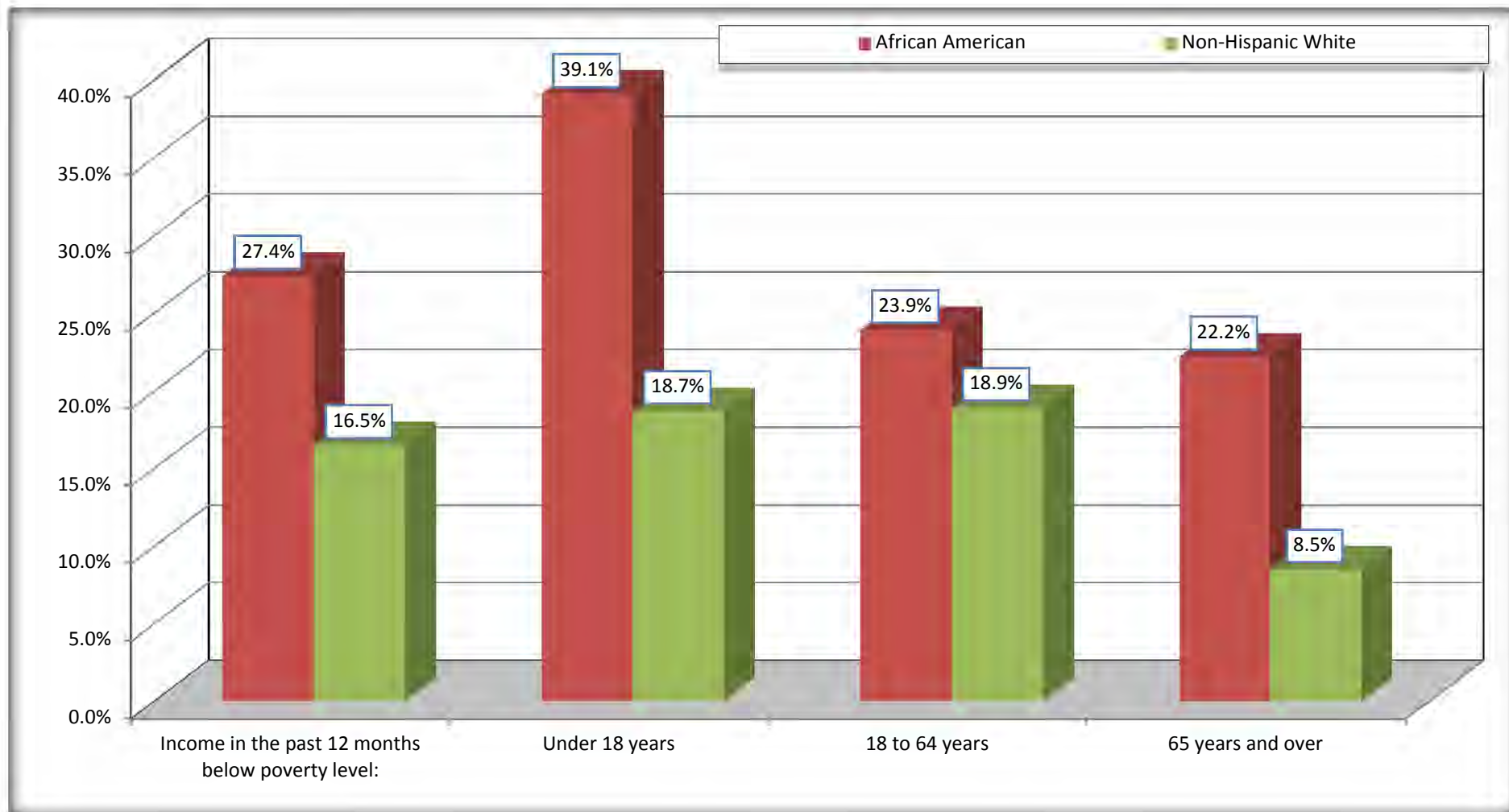
## Home Owners and Renters by Household Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Population Below Poverty in the Past 12 Months

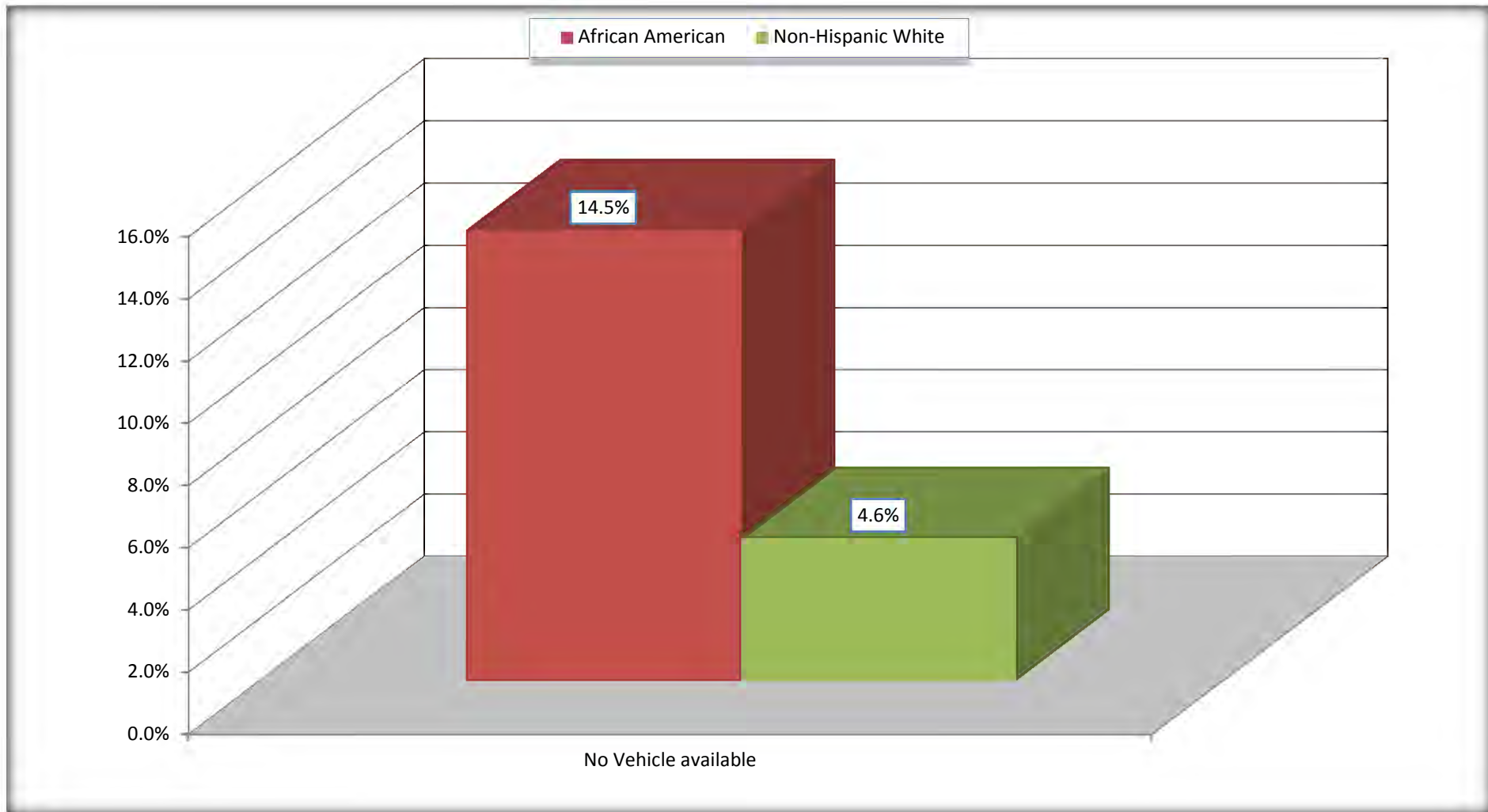
### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
 Data Set: 2019 American Community Survey 1-Year Estimates

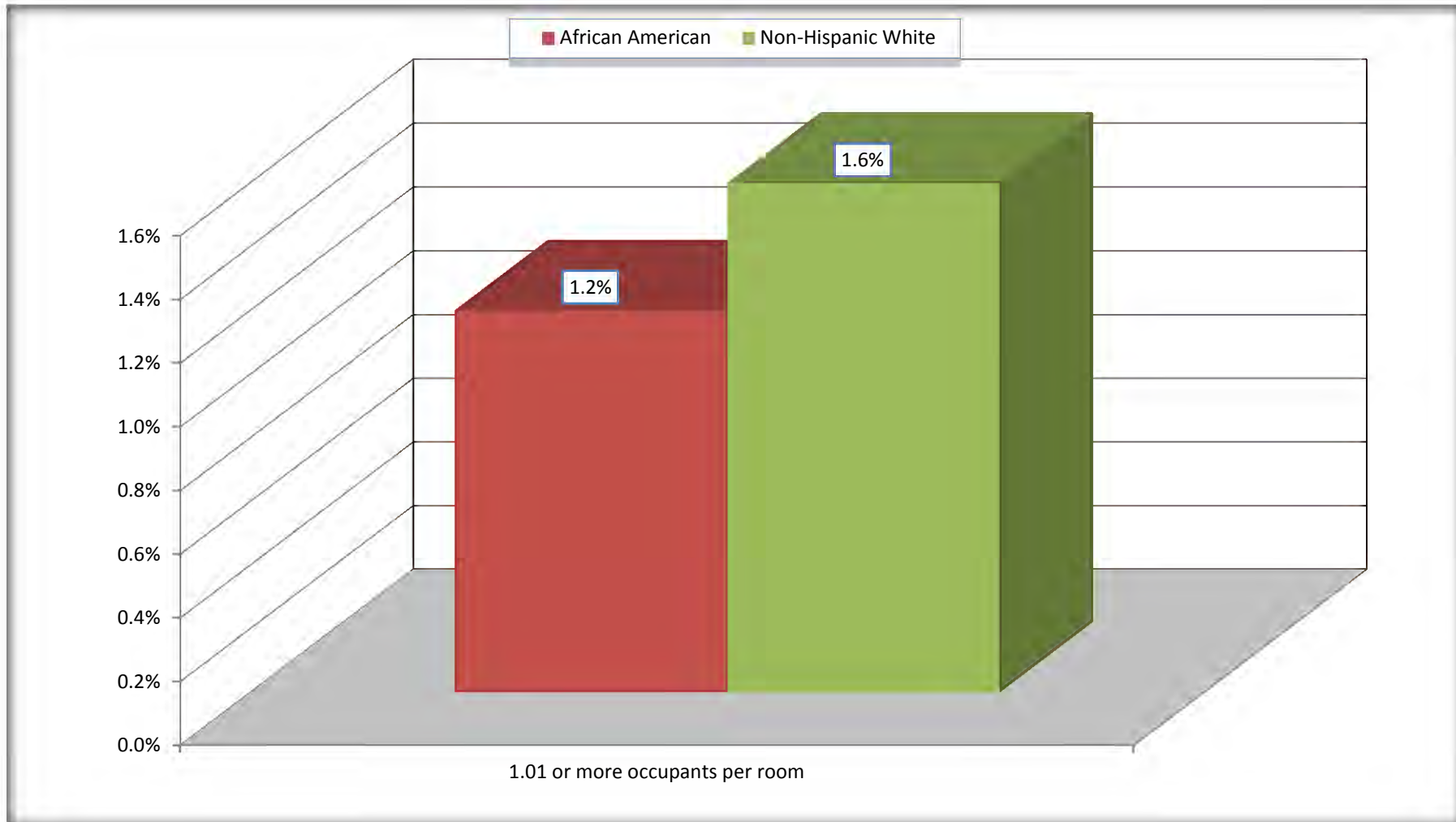
# No Vehicles Available by Household

## Congressional District 7 (116th Congress), Alabama



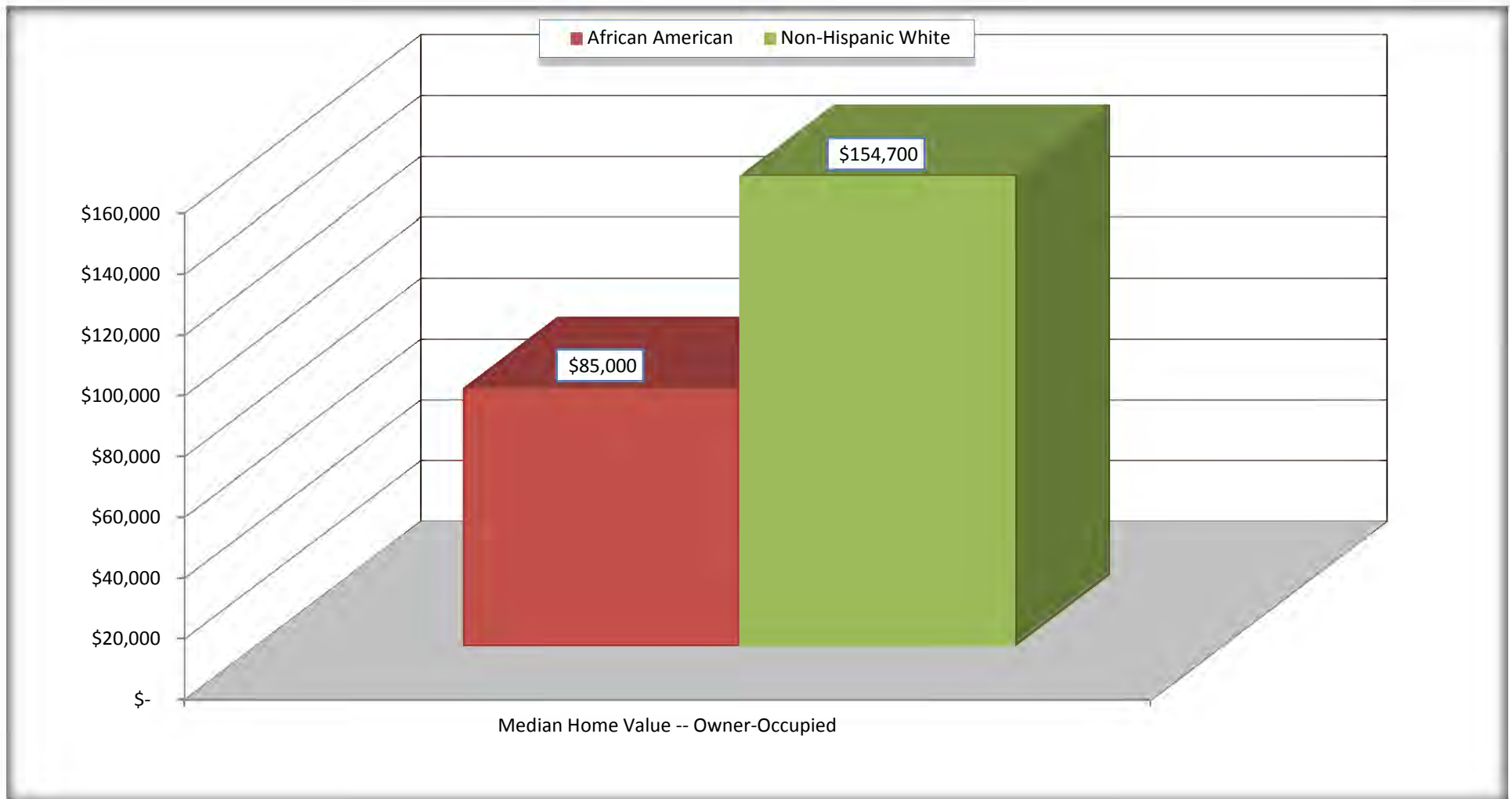
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**More than One Person per Room (Crowding) by Household**  
**Congressional District 7 (116th Congress), Alabama**



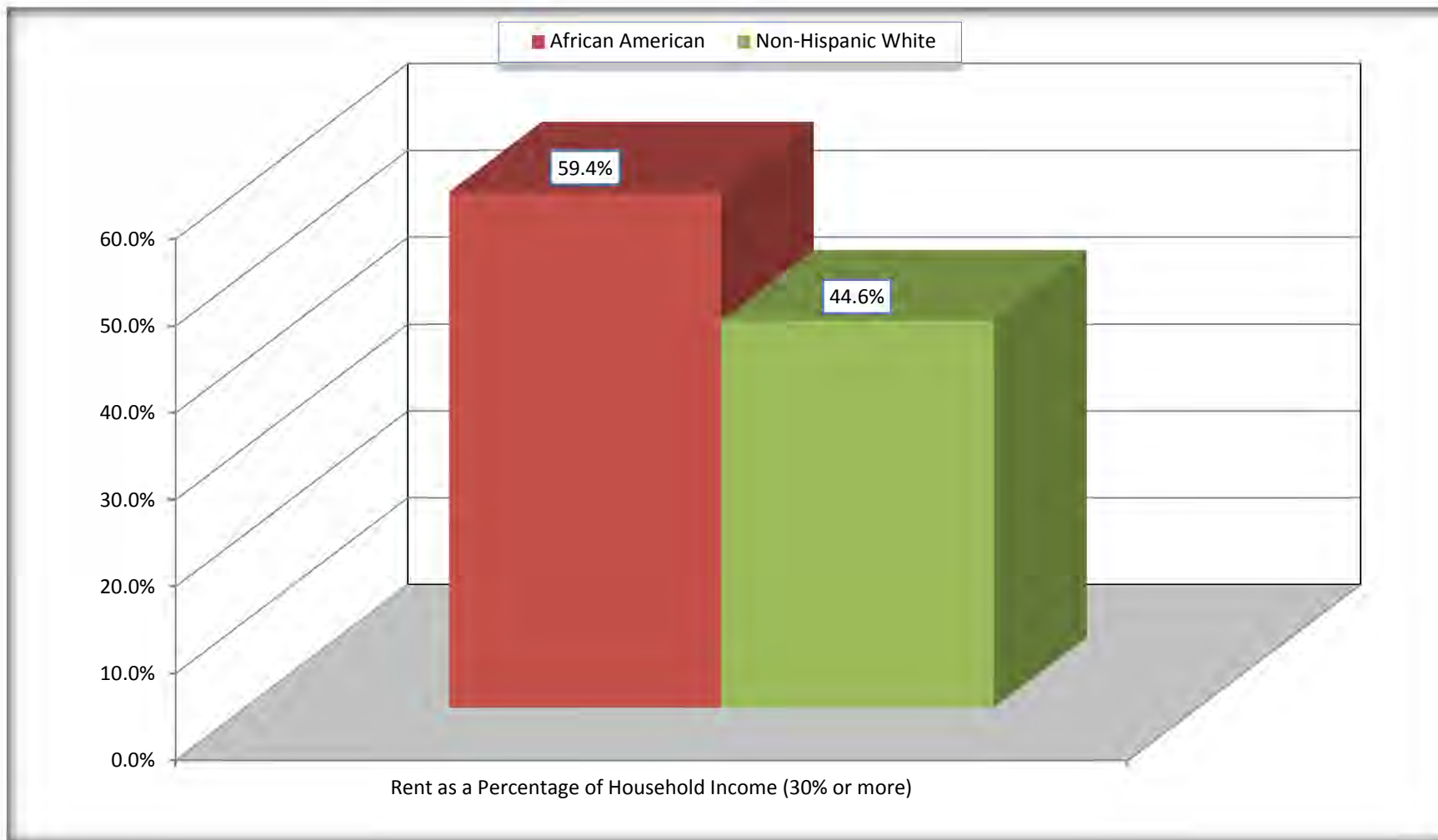
Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Median Home Value -- Owner-Occupied**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

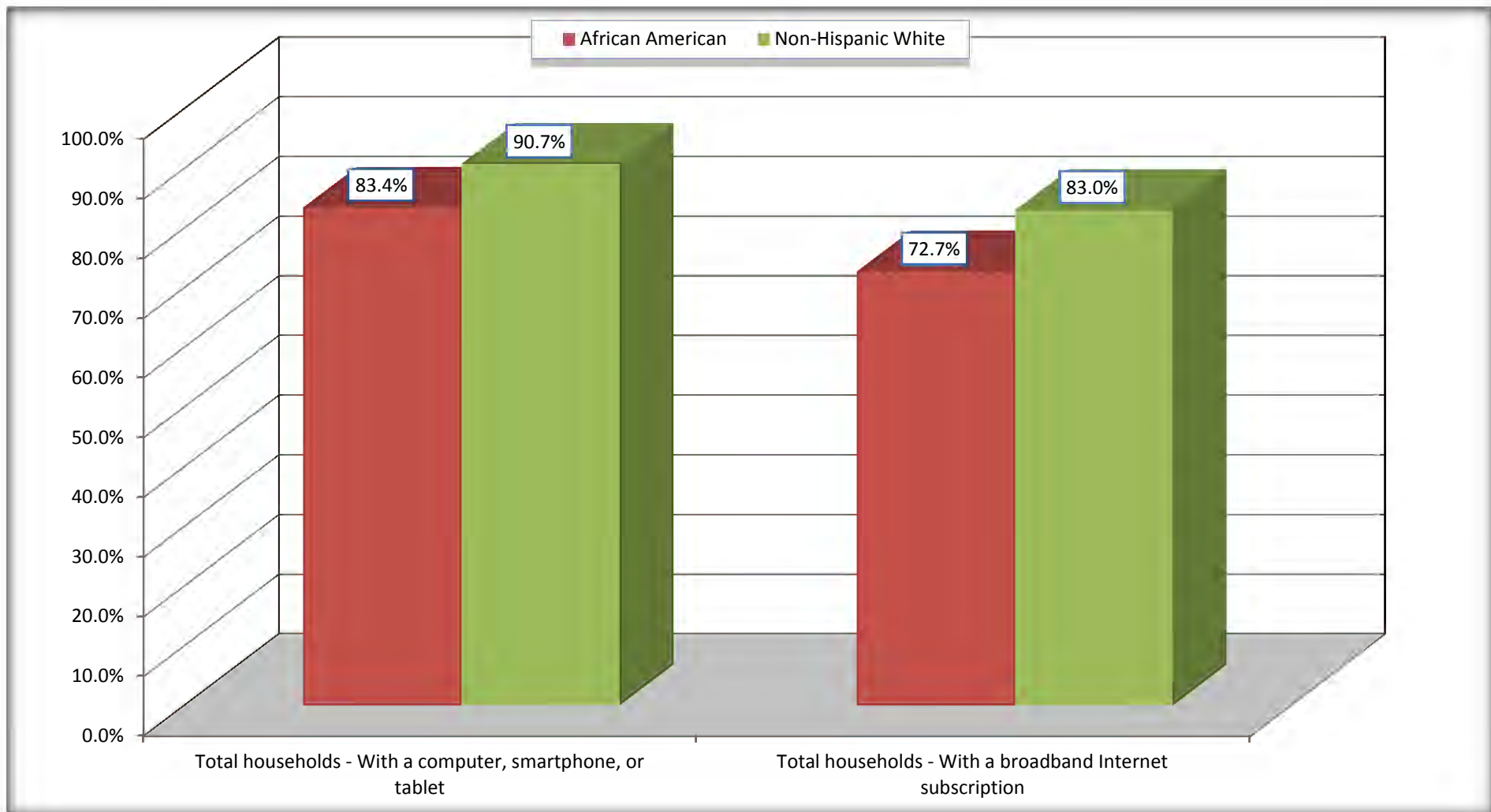
**Rent as a Percentage of Household Income (30% or more) -- Renter-Occupied**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

## Computers and Internet Use

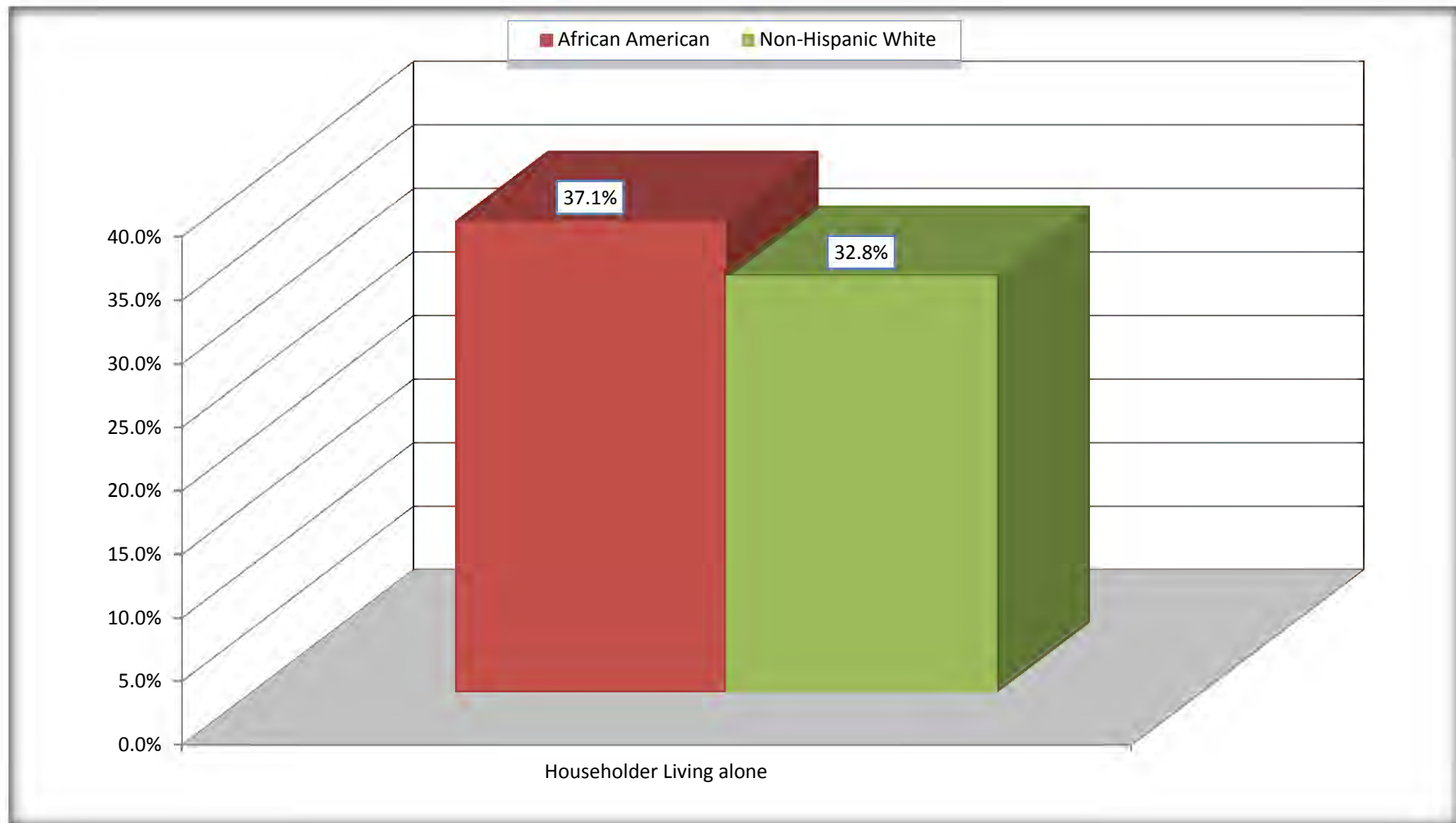
### Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

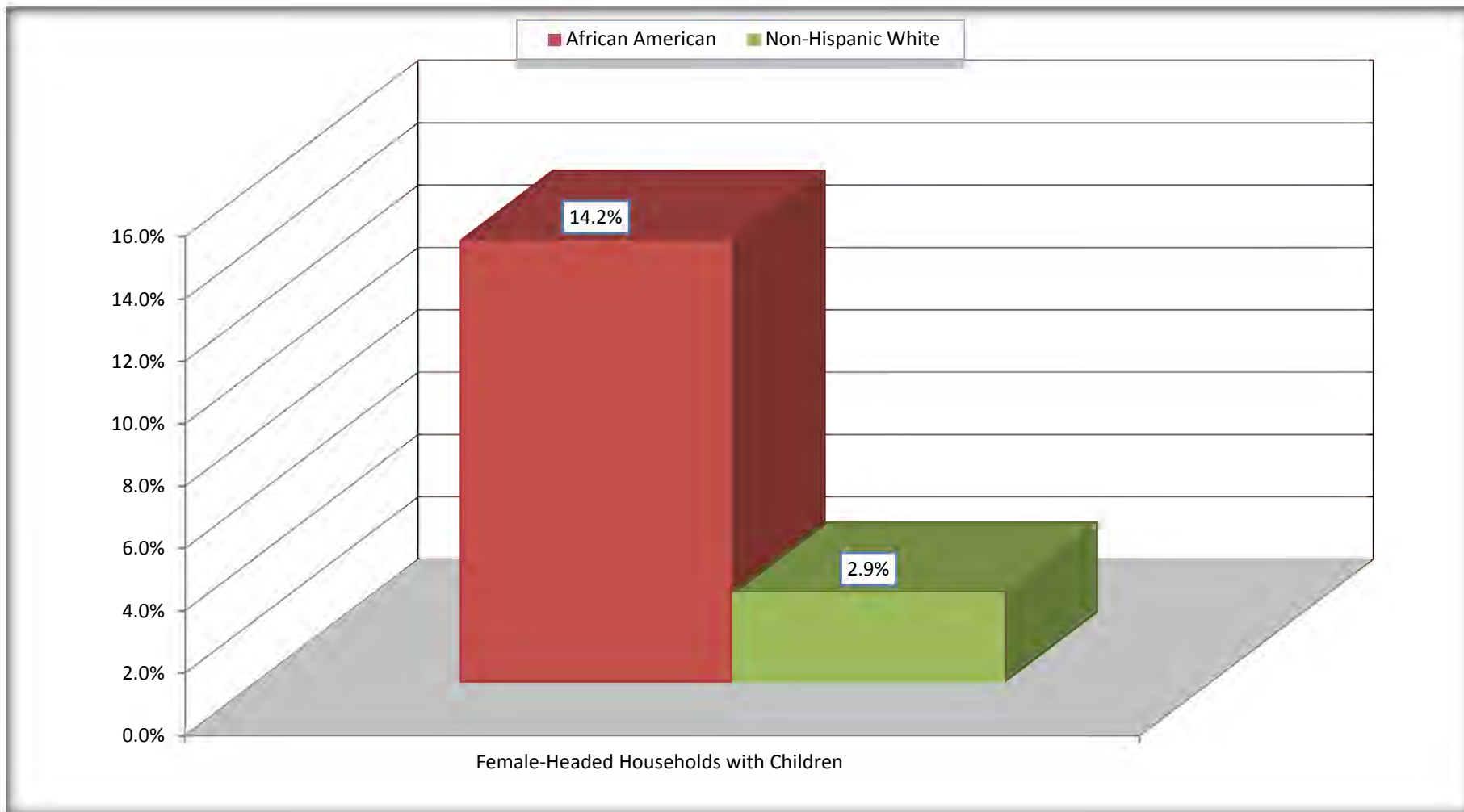
# Households with Householder Living Alone

## Congressional District 7 (116th Congress), Alabama



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

**Female-Headed Households with Children Under 18 (As a Percentage of all Households)**  
**Congressional District 7 (116th Congress), Alabama**



Source: S0201 SELECTED POPULATION PROFILE  
Data Set: 2019 American Community Survey 1-Year Estimates

# **Exhibit R-2**

	Black or African American alone or in combination		White alone, not Hispanic or Latino
All Persons	Estimate	Estimate	Estimate
<b>TOTAL NUMBER OF RACES REPORTED</b>			
Total population	670,015	424,418	209,156
One race	98.8%	98.8%	100.0%
Two races	1.1%	1.1%	(X)
Three races	0.0%	0.1%	(X)
Four or more races	0.1%	0.1%	(X)
<b>SEX AND AGE</b>			
Total population	670,015	424,418	209,156
Male	47.2%	46.5%	47.7%
Female	52.8%	53.5%	52.3%
Under 5 years	6.1%	6.6%	4.2%
5 to 17 years	15.4%	17.7%	10.2%
18 to 24 years	12.7%	11.3%	15.4%
25 to 34 years	13.6%	13.7%	12.8%
35 to 44 years	11.4%	11.3%	11.2%
45 to 54 years	11.2%	11.3%	10.9%
55 to 64 years	12.8%	13.2%	12.9%
65 to 74 years	9.9%	9.3%	11.6%
75 years and over	6.9%	5.5%	10.7%
Median age (years)	36.8	35.5	42.0
18 years and over	78.4%	75.7%	85.6%
21 years and over	71.9%	70.1%	77.3%
62 years and over	20.8%	19.0%	26.4%
65 years and over	16.8%	14.8%	22.3%
Under 18 years	144,443	103,273	30,153
Male	52.2%	52.7%	52.0%
Female	47.8%	47.3%	48.0%
<b>18 years and over</b>	<b>525,572</b>	<b>321,145</b>	<b>179,003</b>
Male	45.8%	44.5%	47.0%
Female	54.2%	55.5%	53.0%
18 to 34 years	175,717	106,302	59,041
Male	48.6%	48.3%	47.2%
Female	51.4%	51.7%	52.8%
35 to 64 years	237,064	151,973	73,255
Male	45.4%	43.3%	49.0%
Female	54.6%	56.7%	51.0%

	Black or African American alone		White alone, or in combination not Hispanic or Latino
	All Persons		
	Estimate	Estimate	Estimate
<b>65 years and over</b>	<b>112,791</b>	<b>62,870</b>	<b>46,707</b>
Male	42.2%	40.8%	43.7%
Female	57.8%	59.2%	56.3%
<b>RELATIONSHIP</b>			
Population in households	642,157	415,656	192,966
Householder or spouse	53.5%	49.7%	62.5%
Unmarried partner	2.0%	1.9%	2.0%
Child	30.0%	33.0%	23.4%
Other relatives	10.6%	12.7%	6.1%
Other nonrelatives	3.9%	2.6%	6.0%
<b>HOUSEHOLDS BY TYPE</b>			
Households	259,646	165,465	83,475
Family households	58.2%	57.9%	58.1%
With own children of the householder under 18 years	21.9%	23.8%	16.4%
Married-couple family	32.3%	24.8%	45.4%
With own children of the householder under 18 years	9.7%	7.3%	12.6%
Female householder, no spouse present, family	20.9%	27.6%	9.2%
With own children of the householder under 18 years	10.2%	14.2%	2.9%
Nonfamily households	41.8%	42.1%	41.9%
Male householder	19.9%	19.6%	20.3%
Living alone	16.1%	16.2%	15.7%
Not living alone	3.8%	3.4%	4.7%
Female householder	21.8%	22.5%	21.6%
Living alone	19.3%	20.9%	17.1%
Not living alone	2.6%	1.6%	4.5%
Average household size	2.47	2.52	2.33
Average family size	3.28	3.40	3.00
<b>MARITAL STATUS</b>			
Population 15 years and over	549,144	338,053	184,041
Now married, except separated	33.4%	26.9%	43.7%
Widowed	7.0%	6.7%	8.2%
Divorced	12.7%	13.3%	12.1%
Separated	3.3%	4.3%	1.3%
Never married	43.7%	48.7%	34.7%
Male 15 years and over	253,620	152,931	86,486
Now married, except separated	36.6%	30.0%	47.1%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Widowed	3.1%	3.1%	3.5%
Divorced	11.6%	12.1%	11.2%
Separated	3.0%	3.9%	1.4%
Never married	45.7%	50.9%	36.8%
Female 15 years and over	295,524	185,122	97,555
Now married, except separated	30.7%	24.4%	40.7%
Widowed	10.3%	9.7%	12.4%
Divorced	13.6%	14.3%	12.8%
Separated	3.5%	4.7%	1.3%
Never married	41.9%	47.0%	32.8%
<b>SCHOOL ENROLLMENT</b>			
Population 3 years and over enrolled in school	170,797	109,833	50,485
Nursery school, preschool	5.6%	7.0%	3.5%
Kindergarten	4.7%	5.3%	3.1%
Elementary school (grades 1-8)	36.6%	41.8%	24.5%
High school (grades 9-12)	19.4%	22.0%	15.3%
College or graduate school	33.6%	23.9%	53.6%
Male 3 years and over enrolled in school	84,120	55,192	22,772
Percent enrolled in kindergarten to grade 12	66.3%	74.9%	46.3%
Percent enrolled in college or graduate school	28.0%	18.6%	48.5%
Female 3 years and over enrolled in school	86,677	54,641	27,713
Percent enrolled in kindergarten to grade 12	55.3%	63.3%	40.0%
Percent enrolled in college or graduate school	39.1%	29.3%	57.9%
<b>EDUCATIONAL ATTAINMENT</b>			
Population 25 years and over	440,716	273,116	146,756
Less than high school diploma	13.6%	13.9%	11.4%
High school graduate (includes equivalency)	35.7%	38.3%	31.8%
Some college or associate's degree	29.1%	31.1%	26.7%
Bachelor's degree	12.8%	10.6%	17.2%
Graduate or professional degree	8.7%	6.2%	12.9%
High school graduate or higher	86.4%	86.1%	88.6%
Male, high school graduate or higher	85.1%	84.9%	88.2%
Female, high school graduate or higher	87.4%	87.1%	89.0%
Bachelor's degree or higher	21.6%	16.7%	30.1%
Male, bachelor's degree or higher	19.4%	13.4%	29.1%
Female, bachelor's degree or higher	23.4%	19.3%	31.0%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
<b>FERTILITY</b>			
Women 15 to 50 years	165,709	103,887	52,508
Women 15 to 50 years who had a birth in the past 12 months	7,452	4,938	1,563
Unmarried women 15 to 50 years who had a birth in the past 12 months	4,684	3,620	N
As a percent of all women with a birth in the past 12 months	62.9%	73.3%	N
<b>RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS</b>			
Population 30 years and over	389,496	241,762	130,570
Grandparents living with grandchild(ren)	4.5%	5.5%	3.1%
Grandparents responsible for grandchildren as a percentage of living with grandchildren	45.7%	45.3%	49.3%
<b>VETERAN STATUS</b>			
Civilian population 18 years and over	525,438	321,011	179,003
Civilian veteran	6.6%	6.6%	7.0%
<b>DISABILITY STATUS</b>			
Total civilian noninstitutionalized population	661,675	420,978	205,107
With a disability	17.6%	17.6%	19.5%
Civilian noninstitutionalized population under 18 years	144,177	103,081	30,079
With a disability	4.2%	4.6%	3.1%
Civilian noninstitutionalized population 18 to 64 years	407,960	256,101	130,396
With a disability	15.7%	16.8%	15.4%
Civilian noninstitutionalized population 65 years and older	109,538	61,796	44,632
With a disability	42.6%	42.5%	42.6%
<b>RESIDENCE 1 YEAR AGO</b>			
Population 1 year and over	662,041	419,226	207,629
Same house	83.7%	84.3%	84.0%
Different house in the U.S.	16.2%	15.6%	15.9%
Same county	10.6%	11.7%	8.1%
Different county	5.6%	3.8%	7.8%
Same state	3.2%	2.7%	3.9%
Different state	2.4%	1.2%	3.9%
Abroad	0.2%	0.2%	0.1%
<b>PLACE OF BIRTH, CITIZENSHIP STATUS AND YEAR OF ENTRY</b>			
Native	650,458	422,827	207,080
Male	46.9%	46.4%	47.7%
Female	53.1%	53.6%	52.3%
Foreign born	19,557	1,591	2,076
Male	55.1%	50.8%	49.7%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female	44.9%	49.2%	50.3%
Foreign born; naturalized U.S. citizen	6,162	683	651
Male	58.8%	57.4%	51.9%
Female	41.2%	42.6%	48.1%
Foreign born; not a U.S. citizen	13,395	908	1,425
Male	53.4%	45.9%	48.7%
Female	46.6%	54.1%	51.3%
Population born outside the United States	19,557	1,591	2,076
Entered 2010 or later	35.3%	53.4%	40.0%
Entered 2000 to 2009	22.0%	16.2%	15.7%
Entered before 2000	42.7%	30.4%	44.3%
<b>WORLD REGION OF BIRTH OF FOREIGN BORN</b>			
Foreign-born population excluding population born at sea	19,557	1,591	2,076
Europe	6.7%	N	N
Asia	31.1%	N	N
Africa	4.9%	N	N
Oceania	0.5%	N	N
Latin America	54.4%	N	N
Northern America	2.4%	N	N
<b>LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH</b>			
Population 5 years and over	628,882	396,425	200,328
English only	95.5%	98.8%	98.4%
Language other than English	4.5%	1.2%	1.6%
Speak English less than "very well"	2.2%	0.3%	0.4%
<b>EMPLOYMENT STATUS</b>			
Population 16 years and over	539,666	331,444	181,772
In labor force	54.8%	55.5%	52.5%
Civilian labor force	54.8%	55.5%	52.5%
Employed	51.1%	51.2%	50.0%
Unemployed	3.7%	4.3%	2.5%
Unemployment Rate	6.8%	7.7%	4.8%
Armed Forces	0.0%	0.0%	0.0%
Not in labor force	45.2%	44.5%	47.5%
Females 16 years and over	291,313	182,704	96,116
In labor force	51.6%	55.2%	45.5%
Civilian labor force	51.6%	55.1%	45.5%

	Black or African American alone or in combination		White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Employed	48.1%	51.2%	43.4%
Unemployed	3.5%	3.9%	2.1%
Unemployment Rate	6.8%	7.0%	4.6%
<b>COMMUTING TO WORK</b>			
Workers 16 years and over	270,006	166,411	88,821
Car, truck, or van - drove alone	82.3%	82.7%	83.2%
Car, truck, or van - carpooled	10.2%	10.2%	8.6%
Public transportation (excluding taxicab)	1.4%	2.0%	0.6%
Walked	1.7%	1.6%	1.6%
Other means	1.9%	1.5%	2.6%
Worked from home	2.4%	2.0%	3.4%
Mean travel time to work (minutes)	24.5	24.5	24.3
<b>OCCUPATION</b>			
Civilian employed population 16 years and over	275,529	169,742	90,931
Management, business, science, and arts occupations	28.8%	22.2%	41.7%
Service occupations	20.2%	23.2%	14.0%
Sales and office occupations	21.6%	23.1%	20.5%
Natural resources, construction, and maintenance occupations	8.1%	6.0%	10.0%
Production, transportation, and material moving occupations	21.3%	25.5%	13.8%
Male civilian employed population 16 years and over	135,370	76,176	49,173
Management, business, science, and arts occupations	20.6%	13.0%	32.1%
Service occupations	15.6%	16.6%	13.0%
Sales and office occupations	14.6%	14.3%	16.5%
Natural resources, construction, and maintenance occupations	15.9%	13.1%	17.9%
Production, transportation, and material moving occupations	33.3%	43.0%	20.5%
Female civilian employed population 16 years and over	140,159	93,566	41,758
Management, business, science, and arts occupations	36.7%	29.7%	53.0%
Service occupations	24.7%	28.5%	15.2%
Sales and office occupations	28.4%	30.2%	25.2%
Natural resources, construction, and maintenance occupations	0.6%	0.3%	0.7%
Production, transportation, and material moving occupations	9.7%	11.2%	5.9%
<b>INDUSTRY</b>			
Civilian employed population 16 years and over	275,529	169,742	90,931
Agriculture, forestry, fishing and hunting, and mining	1.4%	0.5%	3.1%
Construction	4.9%	3.5%	5.4%
Manufacturing	14.1%	15.9%	10.6%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Wholesale trade	1.9%	1.7%	2.4%
Retail trade	11.3%	12.2%	10.5%
Transportation and warehousing, and utilities	5.4%	5.5%	5.4%
Information	1.2%	1.2%	1.4%
Finance and insurance, and real estate and rental and leasing	4.5%	3.9%	5.5%
Professional, scientific, and management, and administrative and waste managemen	8.3%	8.8%	8.1%
Educational services, and health care and social assistance	26.5%	26.3%	28.2%
Arts, entertainment, and recreation, and accommodation and food services	11.1%	10.7%	11.2%
Other services (except public administration)	4.7%	4.5%	5.0%
Public administration	4.6%	5.3%	3.3%
<b>CLASS OF WORKER</b>			
Civilian employed population 16 years and over	275,529	169,742	90,931
Private wage and salary workers	78.6%	80.4%	75.2%
Government workers	16.9%	16.3%	18.5%
Self-employed workers in own not incorporated business	4.3%	3.2%	6.2%
Unpaid family workers	0.1%	0.1%	0.1%
<b>INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)</b>			
Households	259,646	165,465	83,475
Median household income (dollars)	38,023	31,651	52,823
With earnings	69.8%	68.8%	70.4%
Mean earnings (dollars)	55,728	46,087	73,564
With Social Security income	37.9%	38.6%	39.2%
Mean Social Security income (dollars)	17,154	15,421	20,675
With Supplemental Security Income	10.6%	14.0%	5.0%
Mean Supplemental Security Income (dollars)	8,362	8,042	10,124
With cash public assistance income	2.1%	2.5%	1.5%
Mean cash public assistance income (dollars)	2,722	3,264	954
With retirement income	22.9%	20.4%	29.9%
Mean retirement income (dollars)	21,339	20,994	21,940
With Food Stamp/SNAP benefits	21.5%	28.9%	8.2%
Families	151,225	95,798	48,497
Median family income (dollars)	49,853	40,528	68,854
Married-couple family	55.5%	42.8%	78.1%
Median income (dollars)	70,409	66,684	80,065
Male householder, no spouse present, family	8.5%	9.6%	6.0%
Median income (dollars)	41,315	33,297	56,889

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
Female householder, no husband present, family	36.0%	47.6%	15.9%
Median income (dollars)	28,270	26,384	32,300
Individuals	670,015	424,418	209,156
Per capita income (dollars)	21,877	18,658	29,283
With earnings for full-time, year-round workers:			
Male	104,097	58,652	38,427
Female	97,360	67,443	27,081
Mean earnings (dollars) for full-time, year-round workers:			
Male	51,350	41,905	66,528
Female	39,037	36,124	46,758
Median earnings (dollars) full-time, year-round workers:			
Male	41,048	35,382	51,224
Female	31,678	30,271	40,581
<b>HEALTH INSURANCE COVERAGE</b>			
Civilian noninstitutionalized population	661,675	420,978	205,107
With private health insurance	57.5%	50.6%	72.1%
With public coverage	43.3%	48.7%	33.8%
No health insurance coverage	11.1%	11.5%	9.2%
<b>POVERTY RATES FOR FAMILIES AND PEOPLE FOR WHOM POVERTY STATUS IS DETERMINED</b>			
All families	18.1%	23.5%	8.4%
With related children of the householder under 18 years	29.6%	35.7%	15.0%
With related children of the householder under 5 years only	31.5%	44.1%	11.5%
Married-couple family	6.0%	6.5%	4.7%
With related children of the householder under 18 years	9.3%	7.7%	9.6%
With related children of the householder under 5 years only	8.6%	N	N
Female householder, no spouse present, family	37.1%	40.0%	23.0%
With related children of the householder under 18 years	51.1%	53.9%	33.2%
With related children of the householder under 5 years only	64.7%	72.8%	N
All people	23.7%	27.4%	16.5%
Under 18 years	33.9%	39.1%	18.7%
Related children of the householder under 18 years	33.6%	38.9%	18.5%
Related children of the householder under 5 years	36.0%	44.4%	12.8%
Related children of the householder 5 to 17 years	32.6%	36.9%	20.8%
18 years and over	20.8%	23.5%	16.1%
18 to 64 years	22.0%	23.9%	18.9%
65 years and over	16.7%	22.2%	8.5%

		Black or African American alone or in combination	White alone, not Hispanic or Latino
	All Persons Estimate	Estimate	Estimate
People in families	19.5%	23.7%	10.6%
Unrelated individuals 15 years and over	37.8%	40.7%	32.6%
<b>HOUSING TENURE</b>			
Occupied housing units	259,646	165,465	83,475
Owner-occupied housing units	55.2%	49.3%	68.8%
Renter-occupied housing units	44.8%	50.7%	31.2%
Average household size of owner-occupied unit	2.59	2.68	2.42
Average household size of renter-occupied unit	2.34	2.36	2.15
<b>UNITS IN STRUCTURE</b>			
Occupied housing units	259,646	165,465	83,475
1-unit, detached or attached	63.8%	61.5%	69.0%
2 to 4 units	7.9%	9.3%	4.9%
5 or more units	18.0%	19.9%	13.9%
Mobile home, boat, RV, van, etc.	10.3%	9.3%	12.2%
<b>YEAR STRUCTURE BUILT</b>			
Occupied housing units	259,646	165,465	83,475
Built 2014 or later	2.9%	2.6%	3.4%
Built 2010 to 2013	3.0%	2.7%	3.4%
Built 2000 to 2009	10.5%	8.0%	15.8%
Built 1980 to 1999	26.1%	24.8%	28.0%
Built 1960 to 1979	31.4%	35.3%	24.2%
Built 1940 to 1959	17.9%	19.2%	15.7%
Built 1939 or earlier	8.2%	7.4%	9.5%
<b>VEHICLES AVAILABLE</b>			
Occupied housing units	259,646	165,465	83,475
None	11.0%	14.5%	4.6%
1 or more	89.0%	85.5%	95.4%
<b>HOUSE HEATING FUEL</b>			
Occupied housing units	259,646	165,465	83,475
Gas	43.0%	45.0%	40.4%
Electricity	55.9%	53.9%	58.2%
All other fuels	0.8%	0.5%	1.3%
No fuel used	0.4%	0.6%	0.1%
<b>SELECTED CHARACTERISTICS</b>			
Occupied housing units	259,646	165,465	83,475
No telephone service available	1.8%	2.1%	1.3%

	All Persons	Black or African American alone or in combination	White alone, not Hispanic or Latino
	Estimate	Estimate	Estimate
1.01 or more occupants per room	1.5%	1.2%	1.6%
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Housing units with a mortgage (excluding units where SMOC cannot be computed)	73,383	42,832	28,298
Less than 30 percent	70.2%	65.7%	77.9%
30 percent or more	29.8%	34.3%	22.1%
<b>OWNER CHARACTERISTICS</b>			
Owner-occupied housing units	143,204	81,558	57,412
Median value (dollars)	107,400	85,000	154,700
Median selected monthly owner costs with a mortgage (dollars)	1,081	1,006	1,175
Median selected monthly owner costs without a mortgage (dollars)	366	358	373
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN THE PAST 12 MONTHS</b>			
Occupied units paying rent (excluding units where GRAPL cannot be computed)	101,912	73,718	23,064
Less than 30 percent	45.0%	40.6%	55.4%
30 percent or more	55.0%	59.4%	44.6%
<b>GROSS RENT</b>			
Occupied units paying rent	105,961	76,480	23,914
Median gross rent (dollars)	789	747	881
<b>COMPUTERS AND INTERNET USE</b>			
Total households	259,646	165,465	83,475
With a computer	85.9%	83.4%	90.7%
With a broadband Internet subscription	76.2%	72.7%	83.0%

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