

The Unequal Impact of COVID on Douglas County

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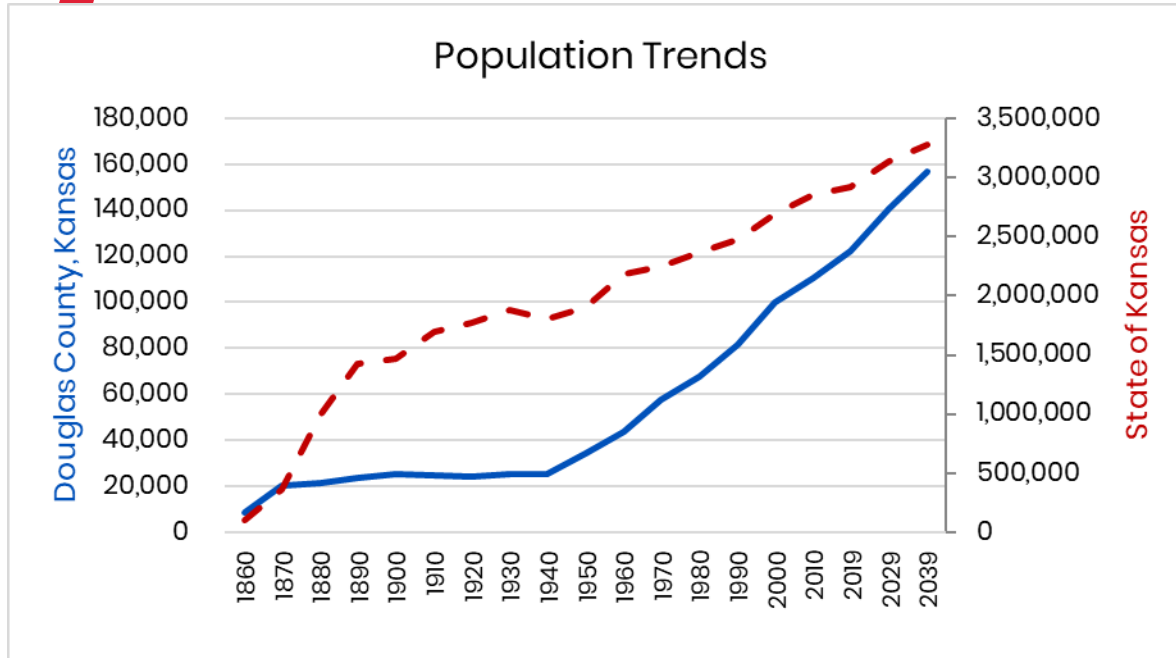
November 16, 2020

KU INSTITUTE FOR
POLICY &
SOCIAL RESEARCH
The University of Kansas

IPSR Goals for COVID-19 Crisis

- Synthesize the data on the Coronavirus in Kansas
- Report economic indicators
- Inform the public and policymakers on these issues on a **monthly** basis.
- Data and briefings available at <http://ipsr.ku.edu/covid19/>
- Thanks to Xan Wedel who helped with the data, visualizations & slides.

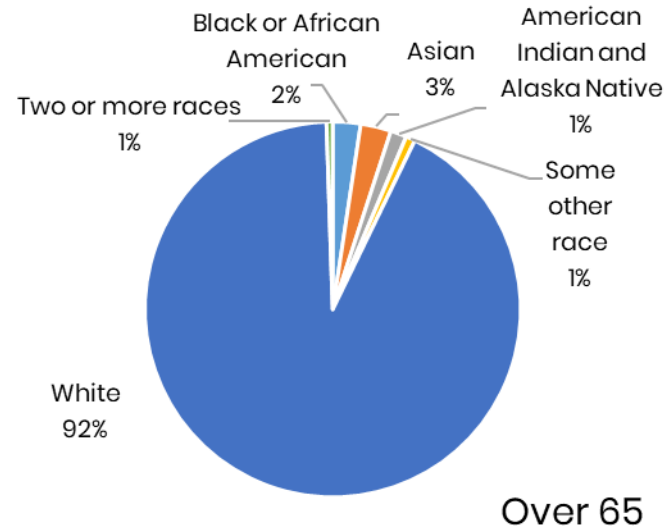
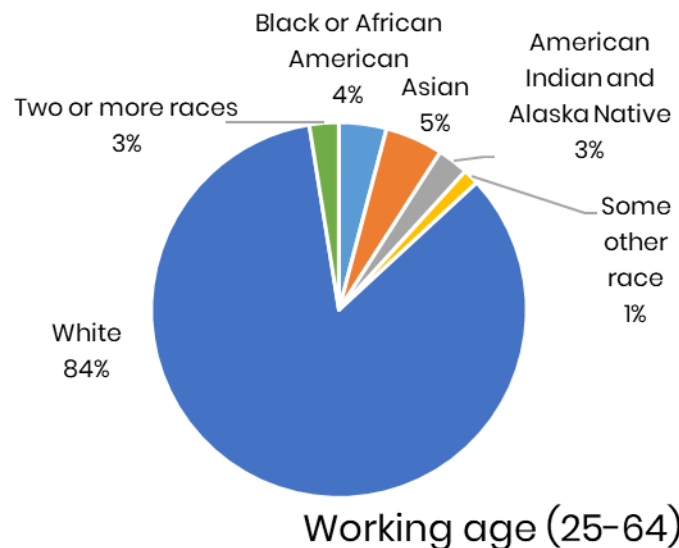
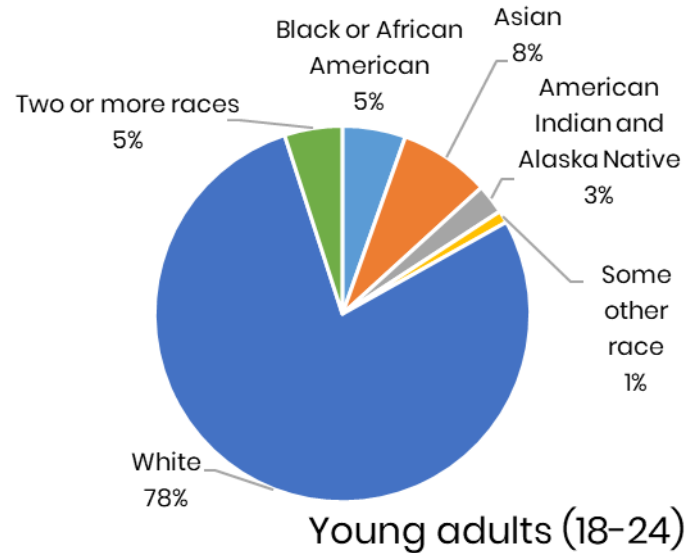
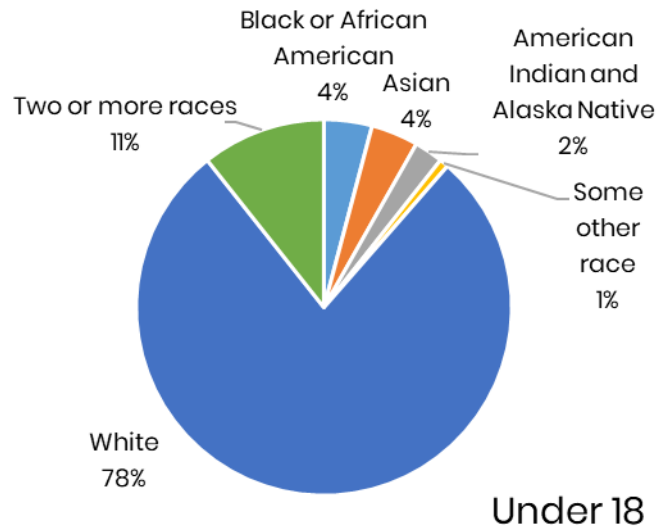
Douglas County Population



Population by Race & Ethnicity	
White	98,478
Black	5,047
American Indian and Alaskan Native	2,935
Asian	6,229
Native Hawaiian and Other Pacific Islander	27
Some Other Race	1,337
Two or More Races	5,266
Hispanic or Latino	7,356
White alone, not Hispanic	93,868
Percent Diversity	21.33%

- Douglas County—since 1940 is growing at a faster rate than the State. It has become increasingly diverse.

Population in Douglas County by Race



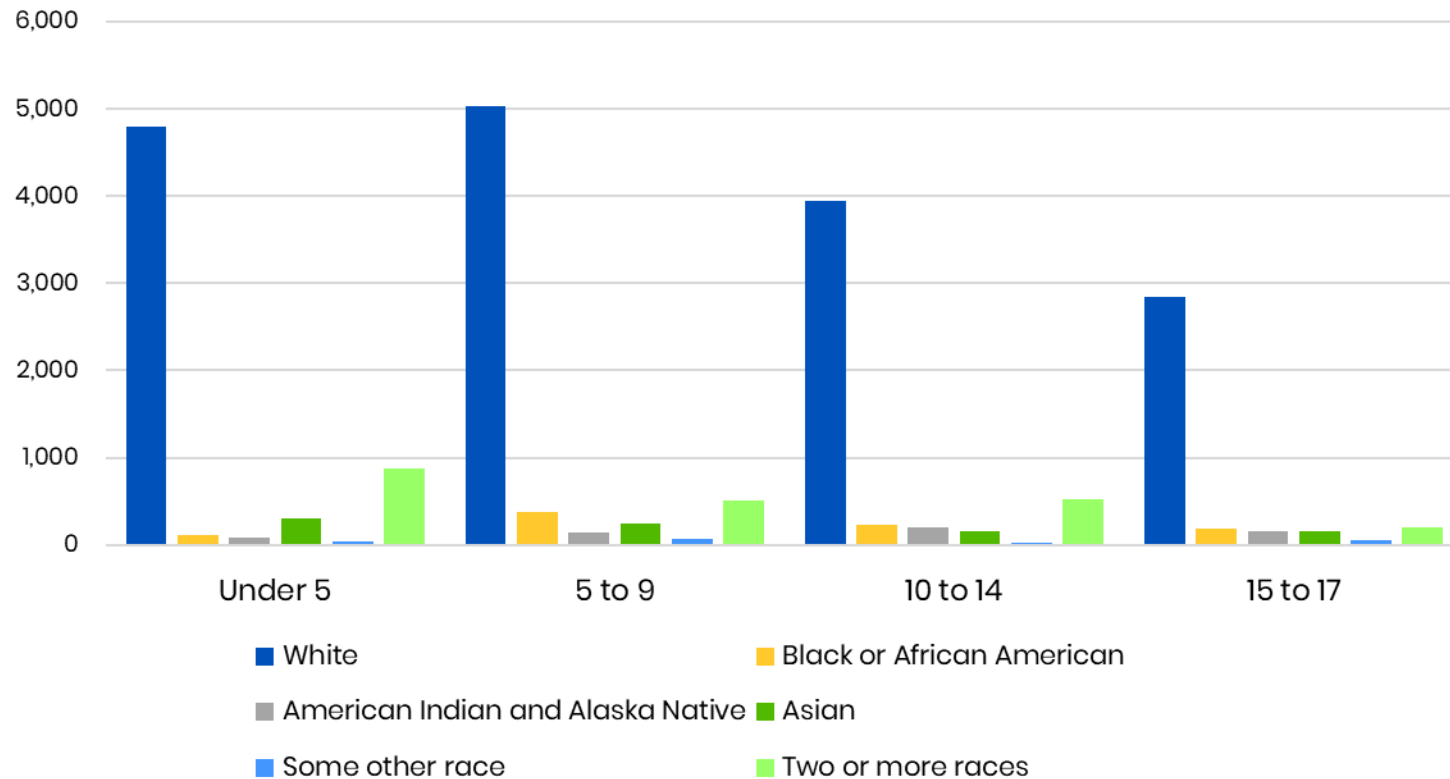
Overall Douglas County has 21% of the population who are non-white, not-Hispanic.

The population is more diverse in younger age groups.

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Population Under 18 by Race

Population Under 18 by Race in Douglas County



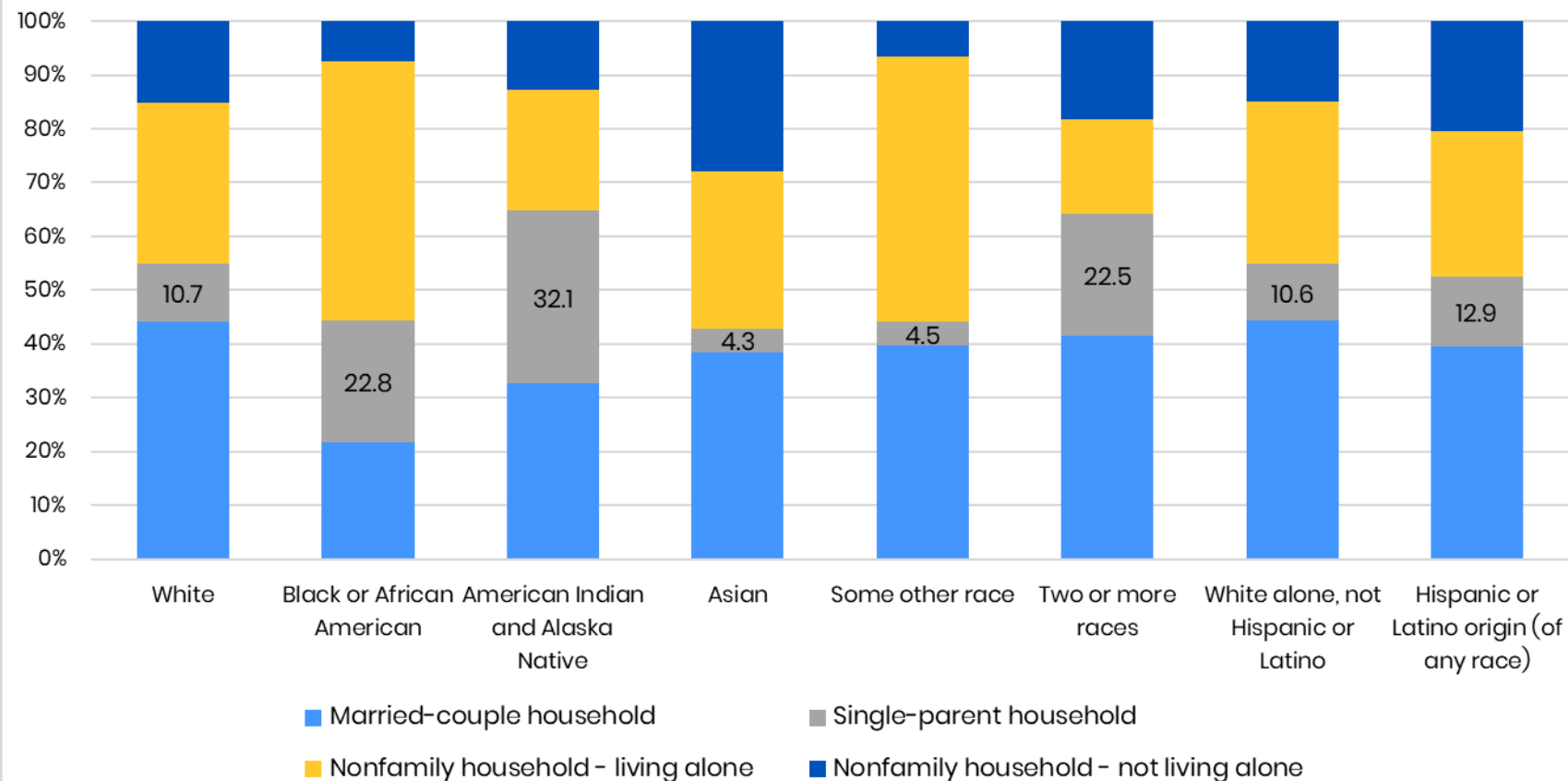
There are 17,320 people under 18 in Douglas County:

- 4,799 under age 5
- 5,025 age 5 to 9
- 4,650 age 10 to 14
- 2,846 age 15 to 17

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Douglas County Households

Douglas County Households by Type and Race



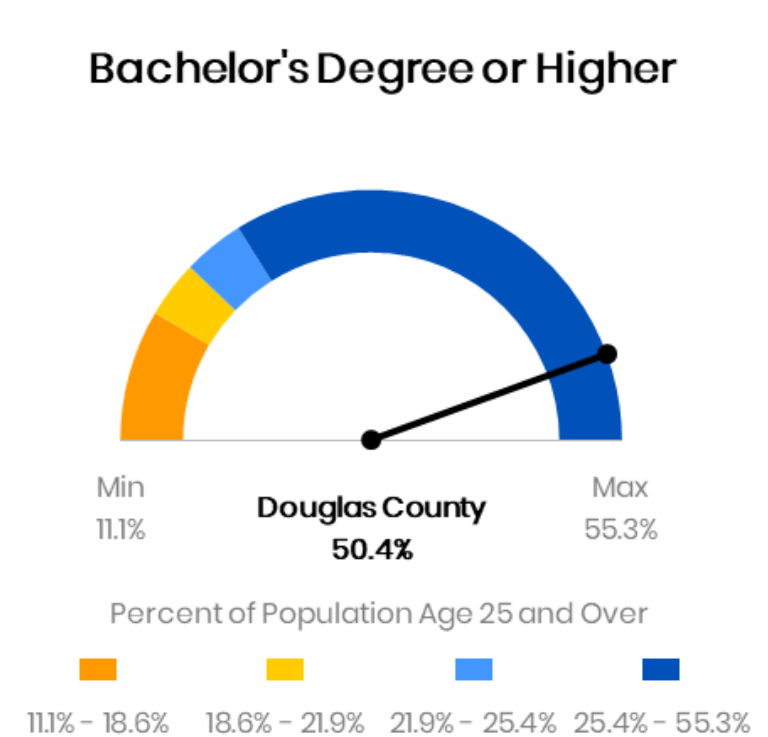
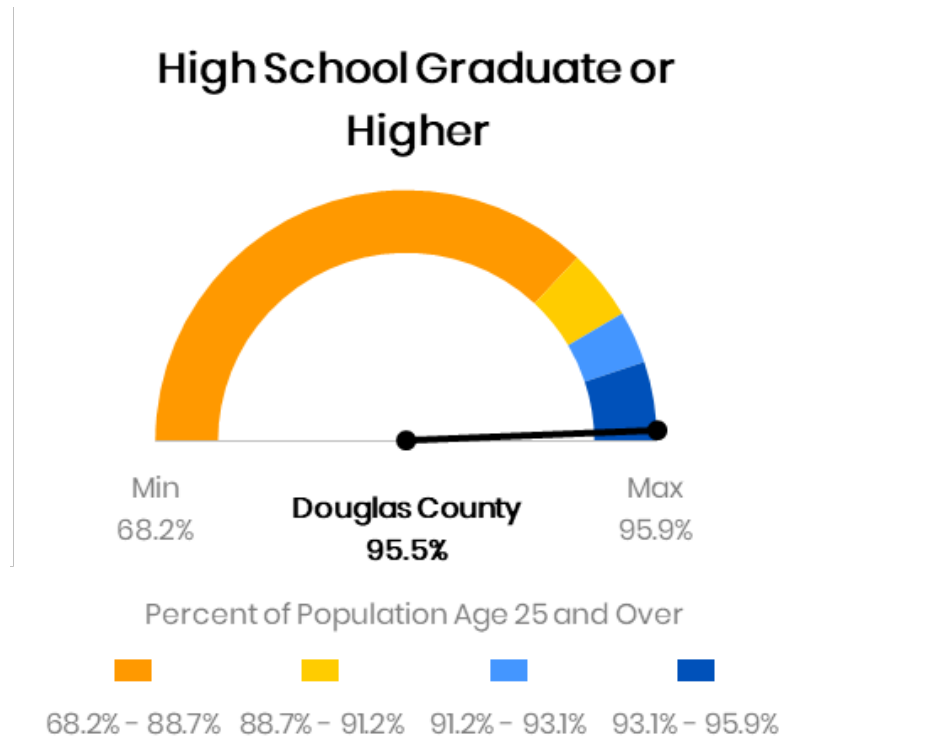
Single parent households vary by race of householder.

11% of white

23% of Black

32% of Native American

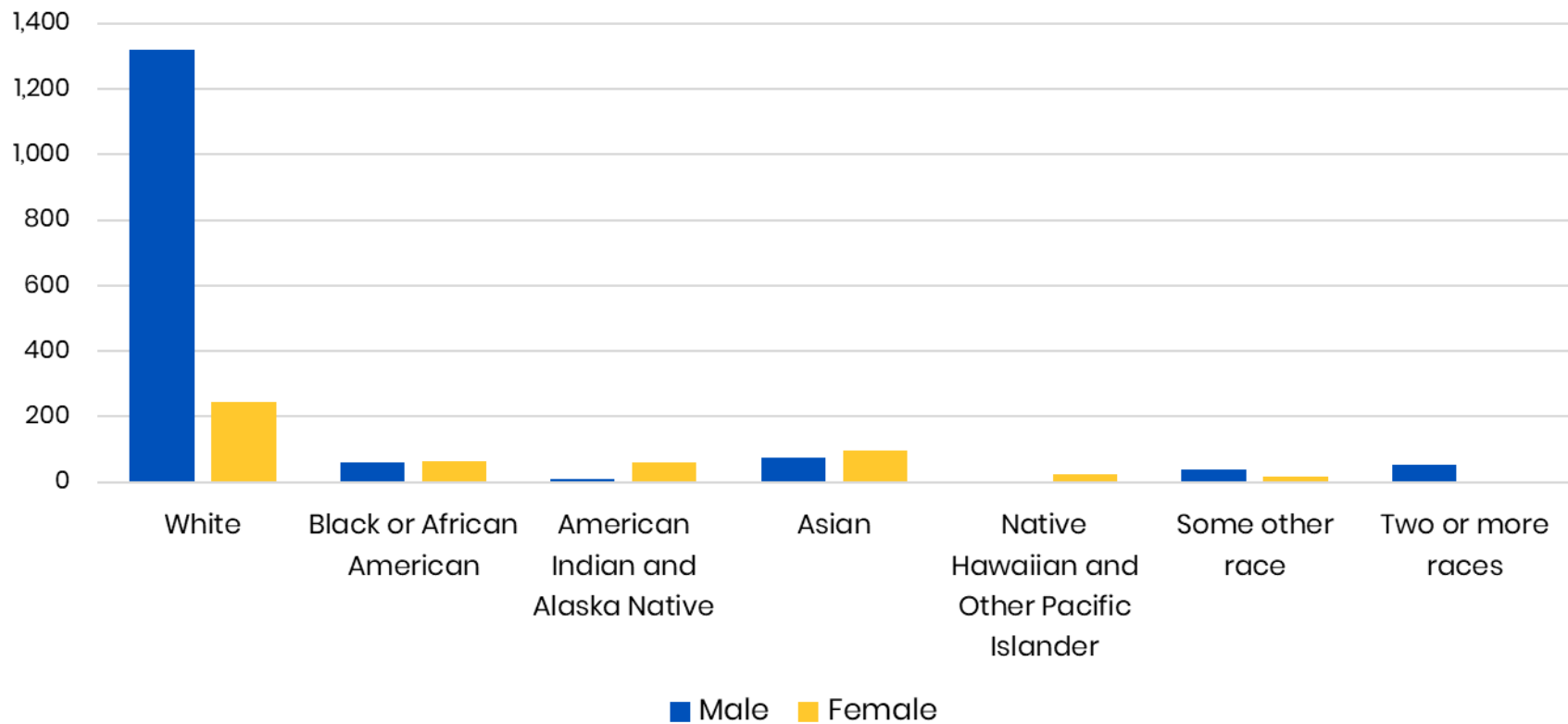
Douglas County Education Compared to All Kansas Counties



- Douglas County—has one of the highest levels of high school graduates and college graduates in the state of Kansas.

Educational Attainment in Douglas County

Douglas County Residents Age 25 and Over
with Less than High School Education

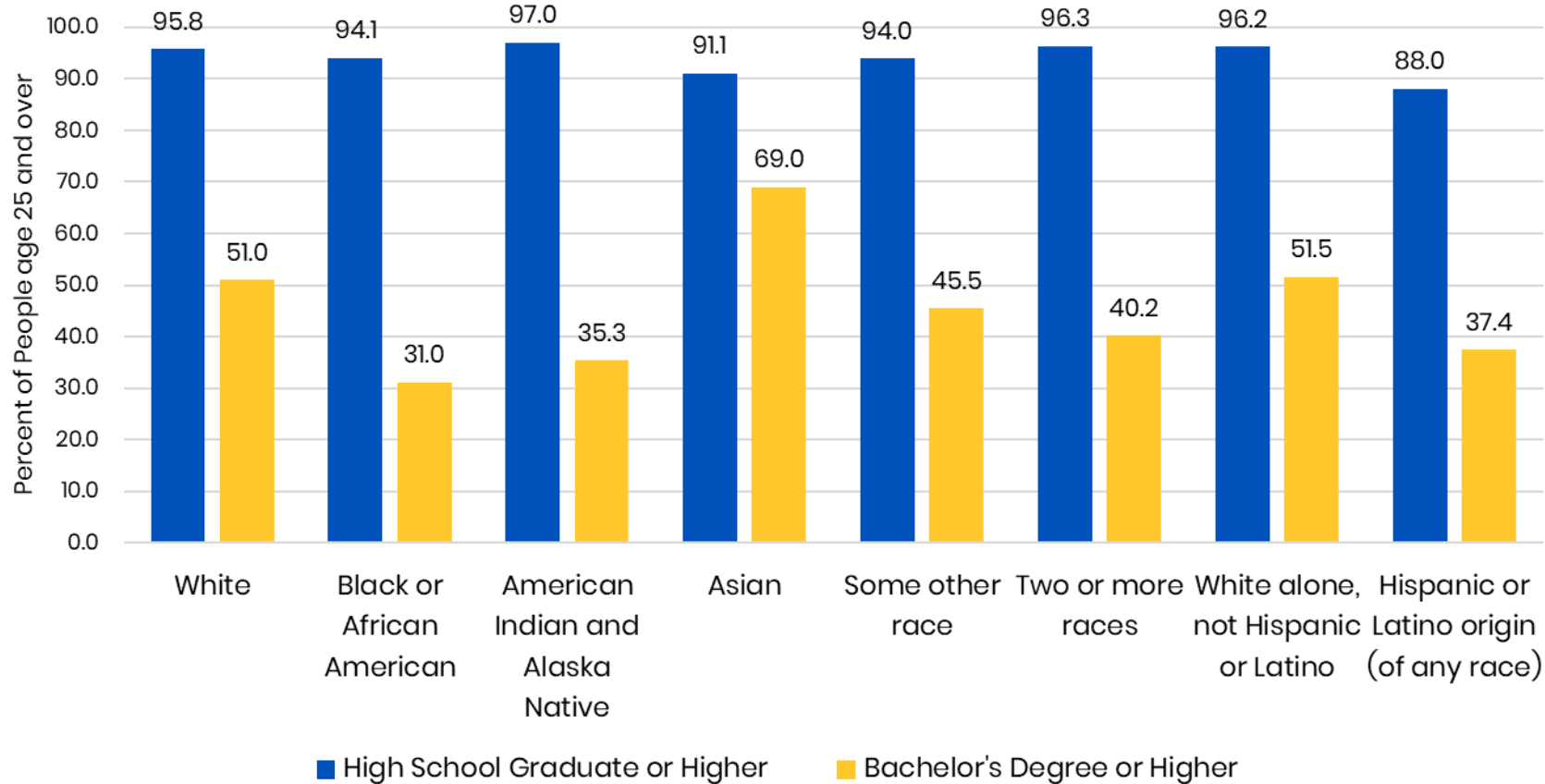


3,066 residents
age 25 and over
lack a high school
diploma or
equivalency.
81% are white
males.

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Educational Attainment in Douglas County

Educational Attainment by Race



Overall 95.5% of residents have a high school education or higher this varies by race and ethnicity.

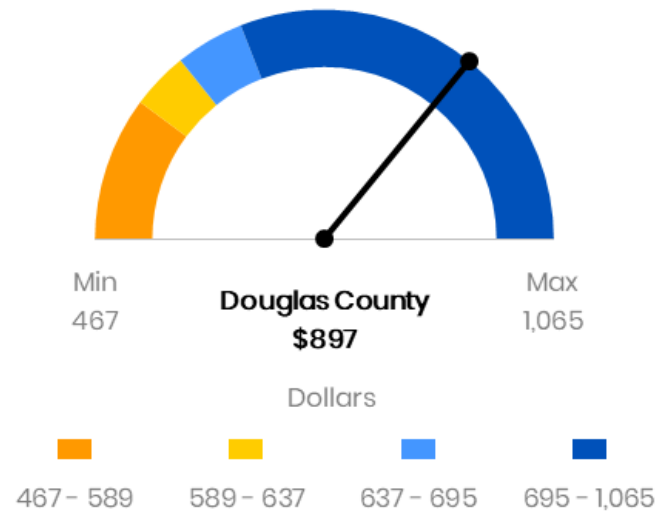
Douglas County Housing

65% Single Family Homes
93% Occupancy

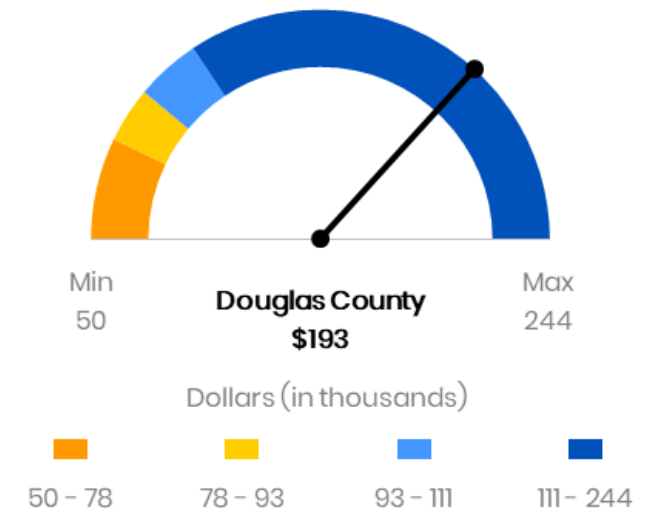
49,732
Total
Housing Units

Home Ownership 48.3%
Compared to Kansas 66.3%

Median Gross Rent



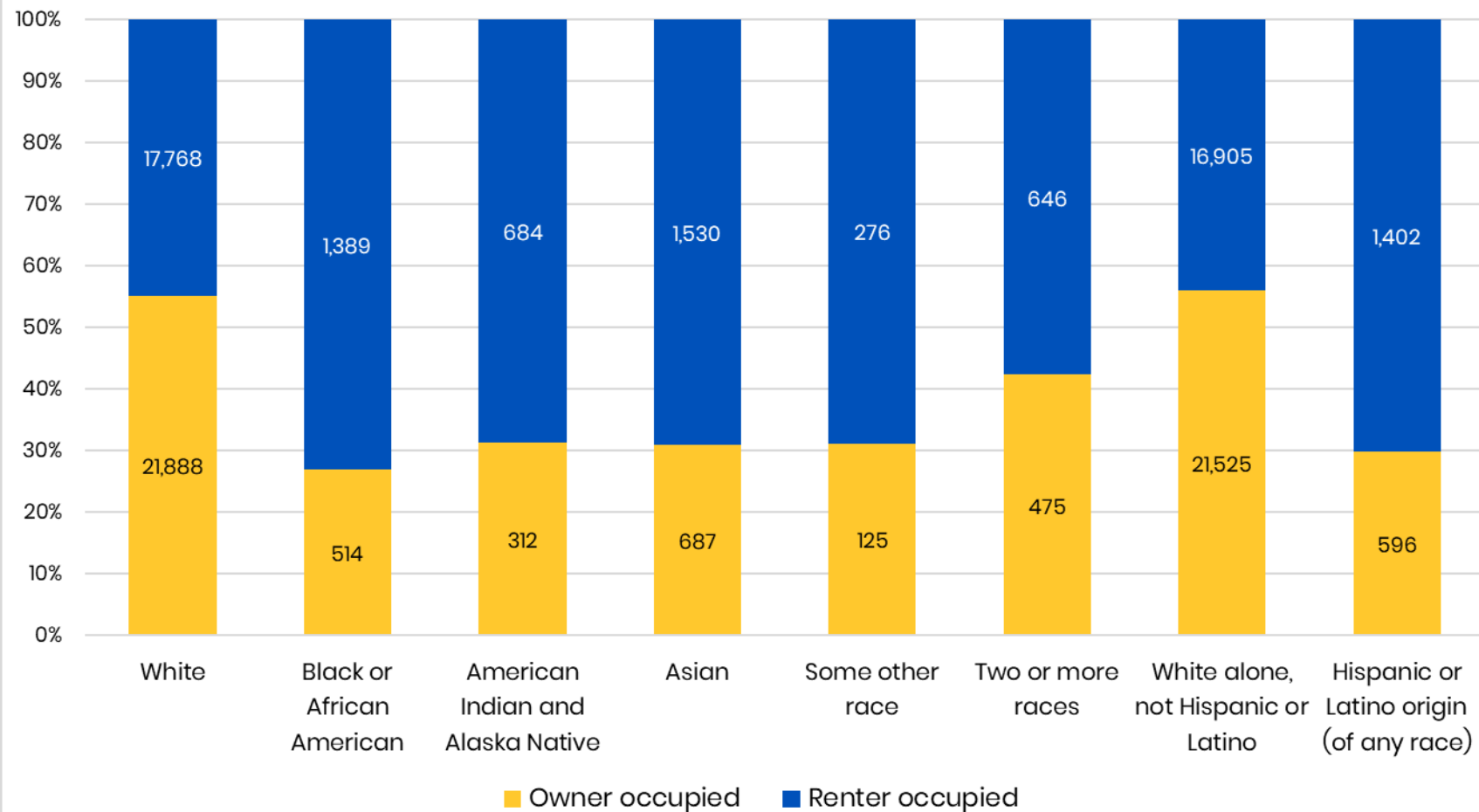
Median Value of Owner-Occupied Housing Units



- Douglas County has some of the highest housing costs in the state. Median rents are \$897.
- Median value of owner occupied housing is \$193,000.

Housing Tenure in Douglas County

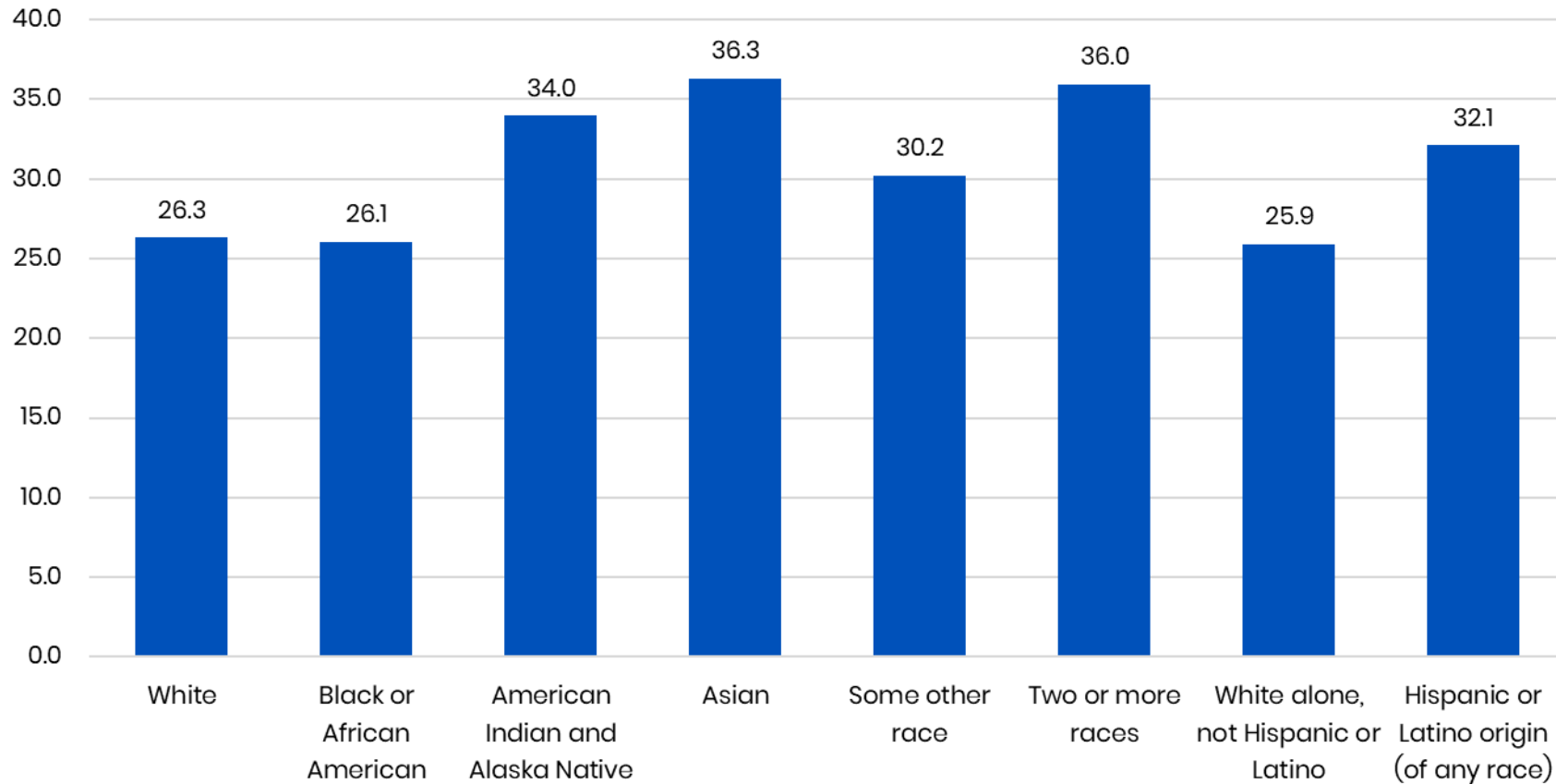
Tenure of Occupied Housing Units in Douglas County by Race of Householder



Black households in Douglas County are half as likely to own their home as white households.

Housing Stability in Douglas County

Percent of Douglas County Residents Who Moved in the Past 12 Months

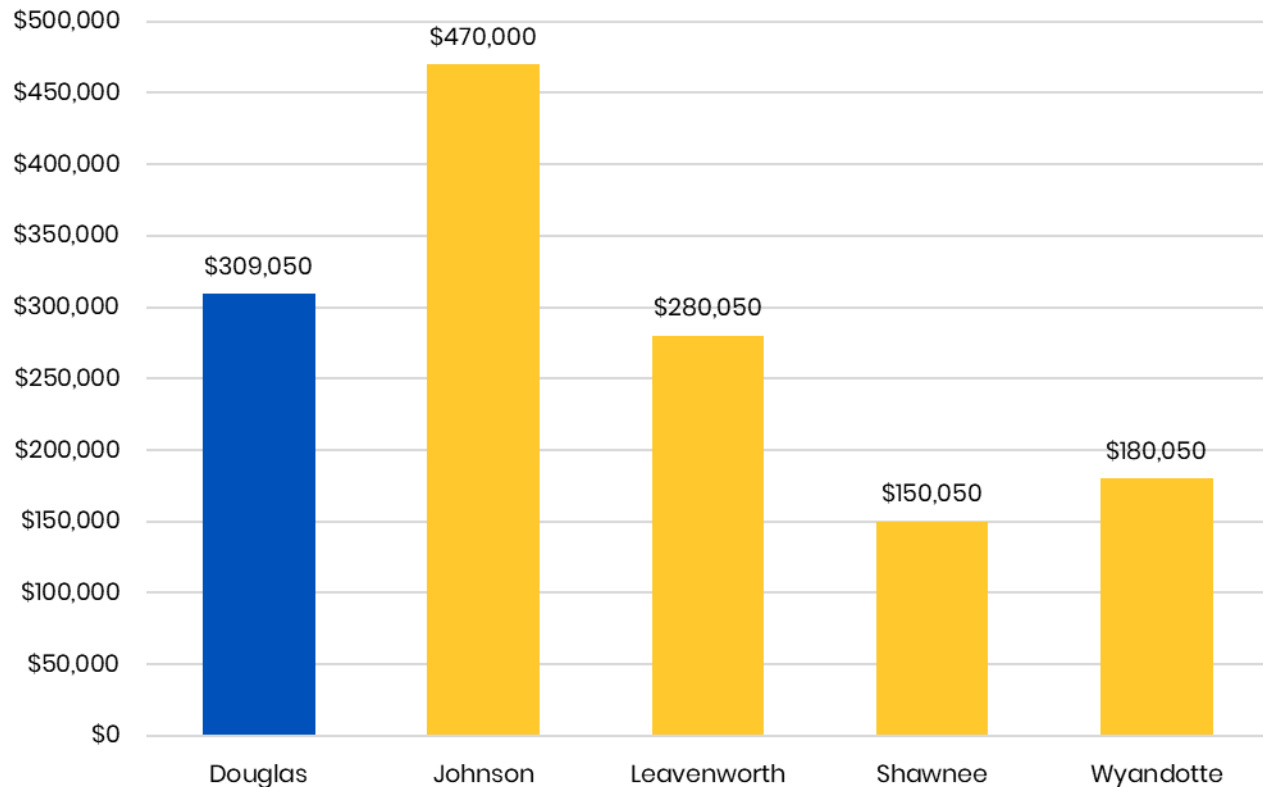


Despite the disparity in ownership, white and black households moved at similar frequencies.

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Median House Listing Price in the Region

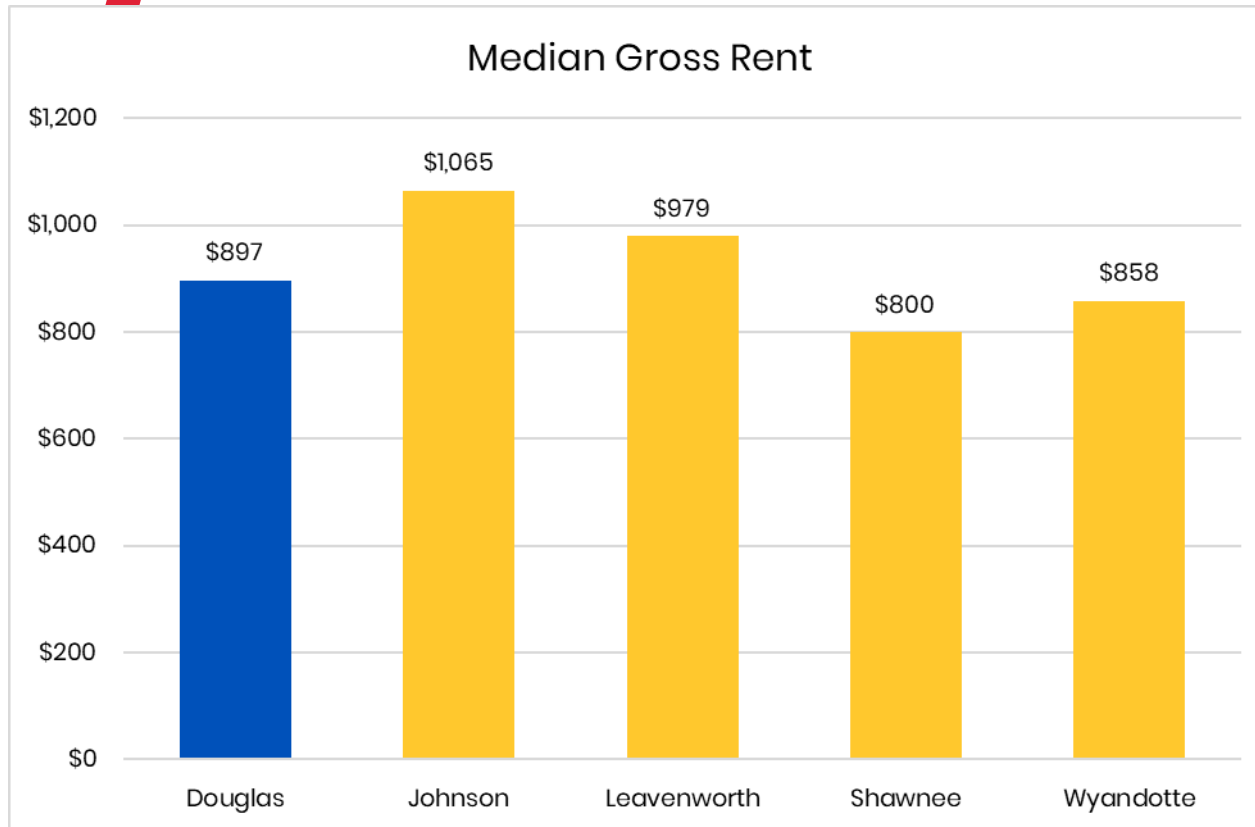
Median Listing Price - August 2020



- Median House Listing Price is \$309,050 in Douglas County
- \$215,050 for State of Kansas

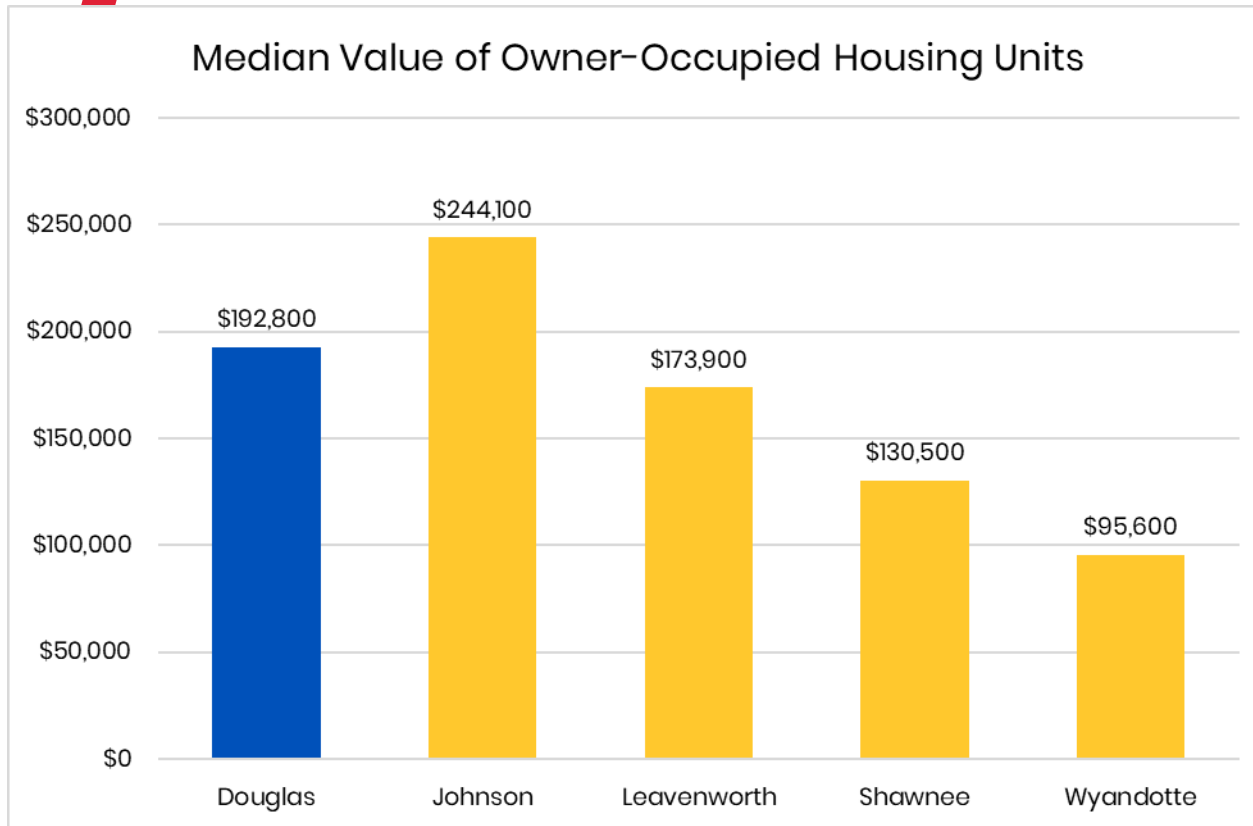
Source: St. Louis Federal Reserve, FRED, <https://fred.stlouisfed.org/series/MEDLISPR128140>

Median Gross Rent



- Median Gross Rent in Douglas County is \$897
- This puts Douglas in the highest quartile in the state.

Median Value of Owner Occupied Housing Units

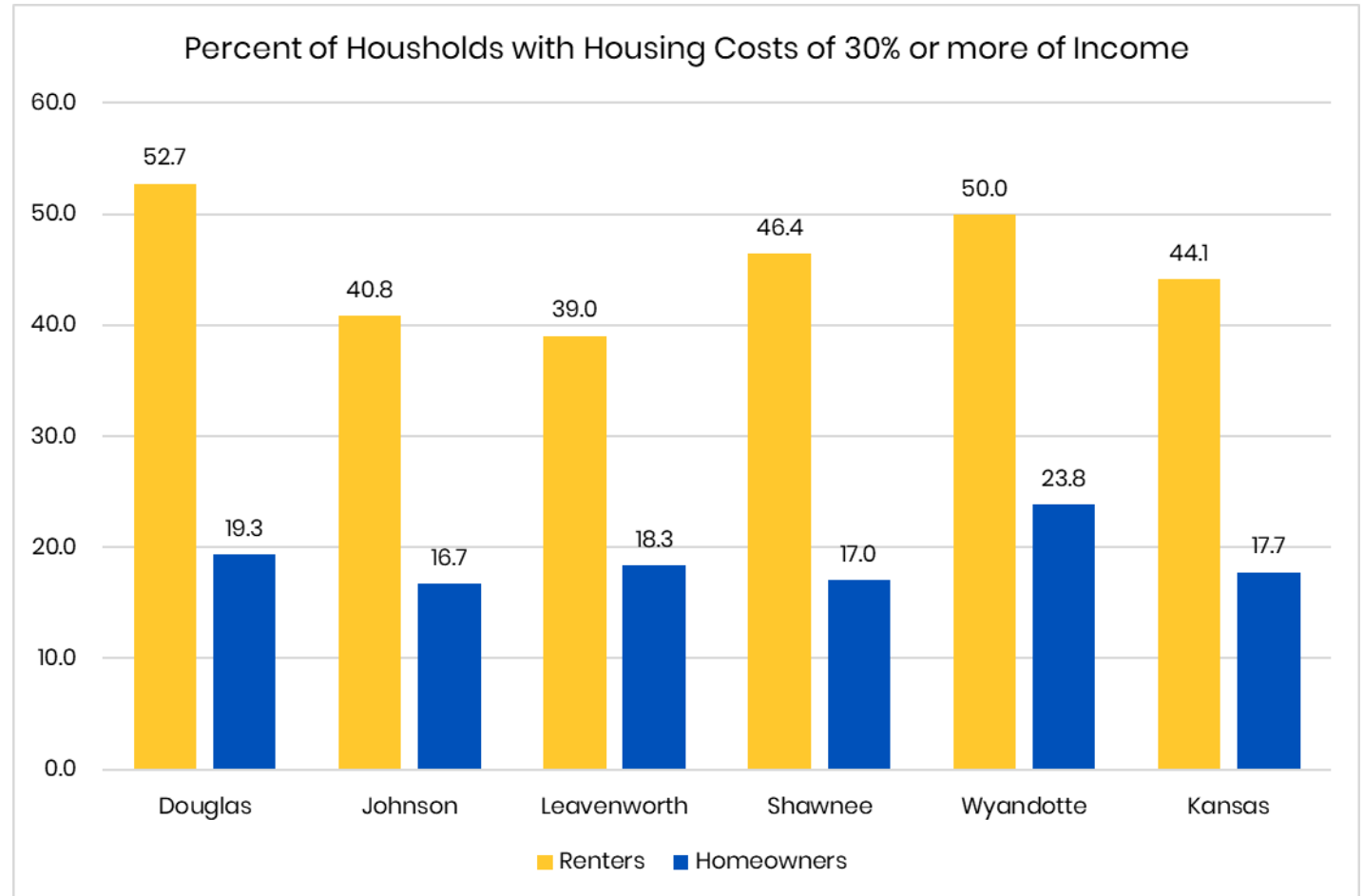


- The median value of owner-occupied housing units in Douglas County is \$192,800

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

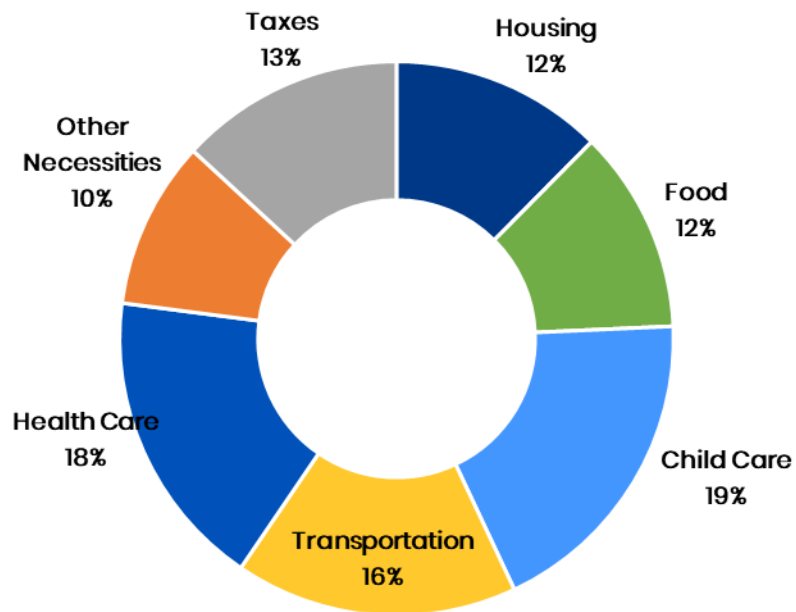
Douglas County Housing Costs as Share of Income

- 53% of renters and 19% of homeowners have housing costs that exceed 30% or more of income.



Douglas County Household Expenses

Expenses for a Family of Four in Douglas County, Kansas



MONTHLY COSTS

2 adults and 2 children
Douglas County, KS

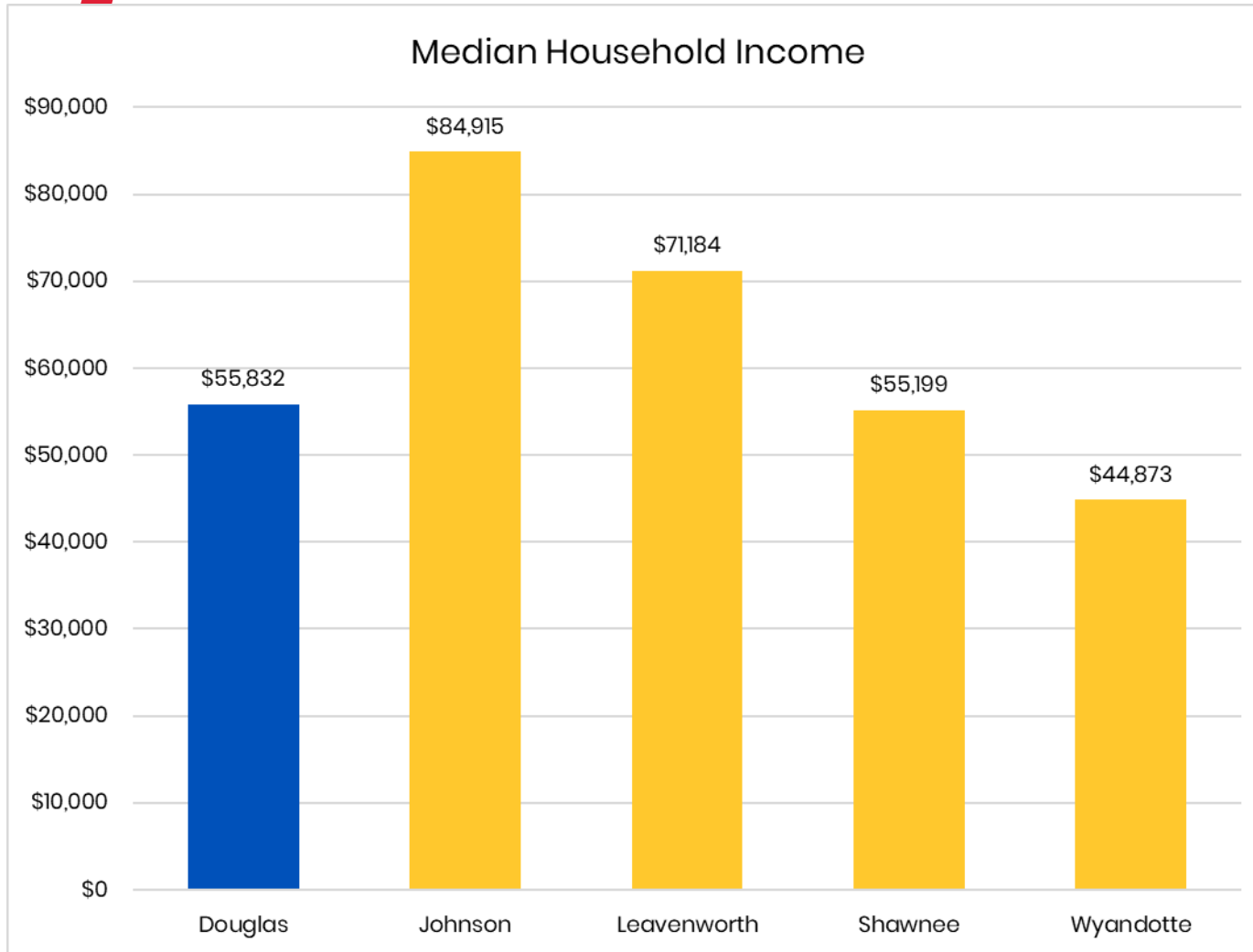
HOUSING	\$843
FOOD	\$804
CHILD CARE	\$1,270
TRANSPORTATION	\$1,119
HEALTH CARE	\$1,190
OTHER NECESSITIES	\$665
TAXES	\$891
Monthly Total	\$6,783
Annual Total	<u>\$81,396</u>

The Economic Policy Institute estimates the cost of a family of four to live in Douglas County is \$81,396

Median household income is \$55,832

Difference leaves a shortfall of \$25,564.

Median Household Income

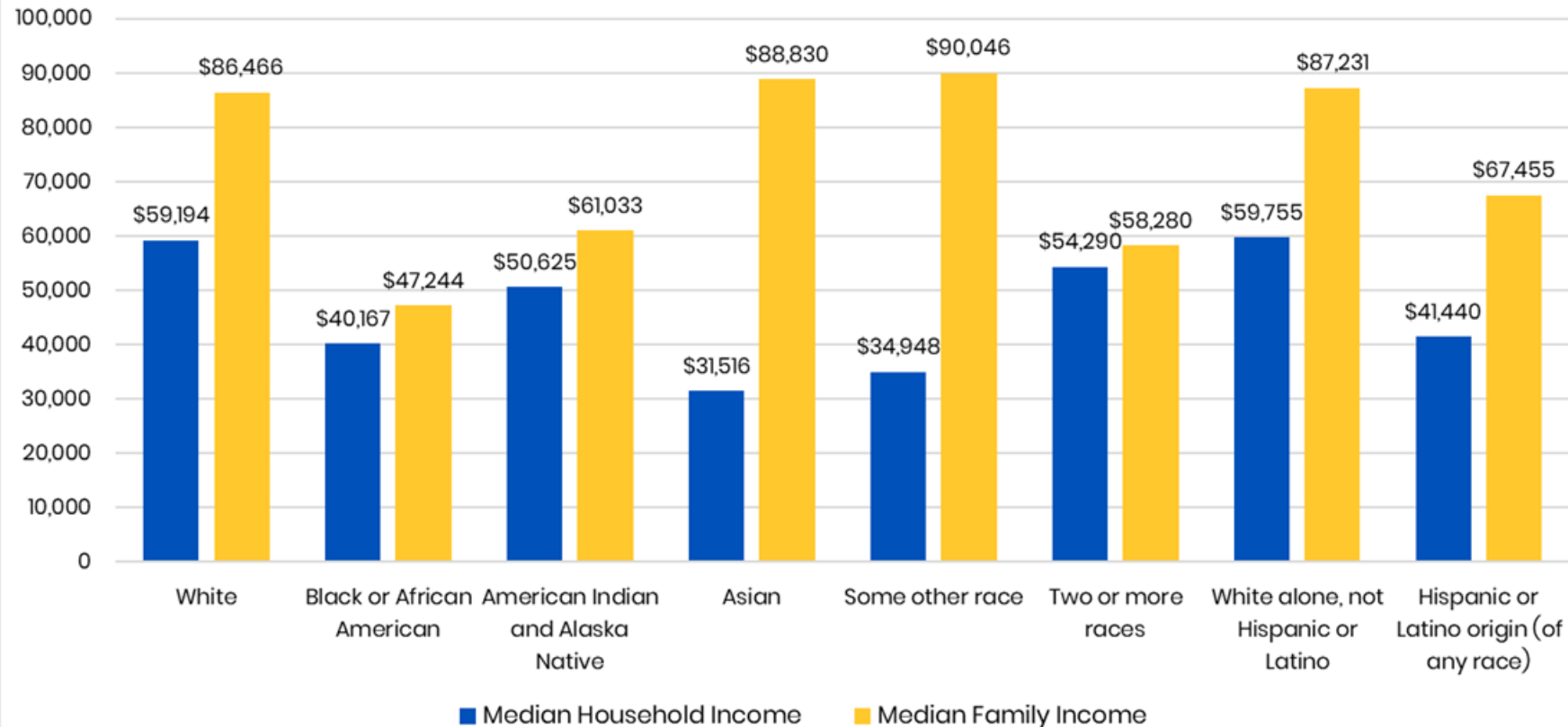


Source: U.S. Census Bureau, 2014-2018 American Community Survey.

- Median Household income in Douglas County is \$55,832
- The statewide median is \$57,422.

Median Income by Race of Householder

Median Income in Douglas County by Race of Householder



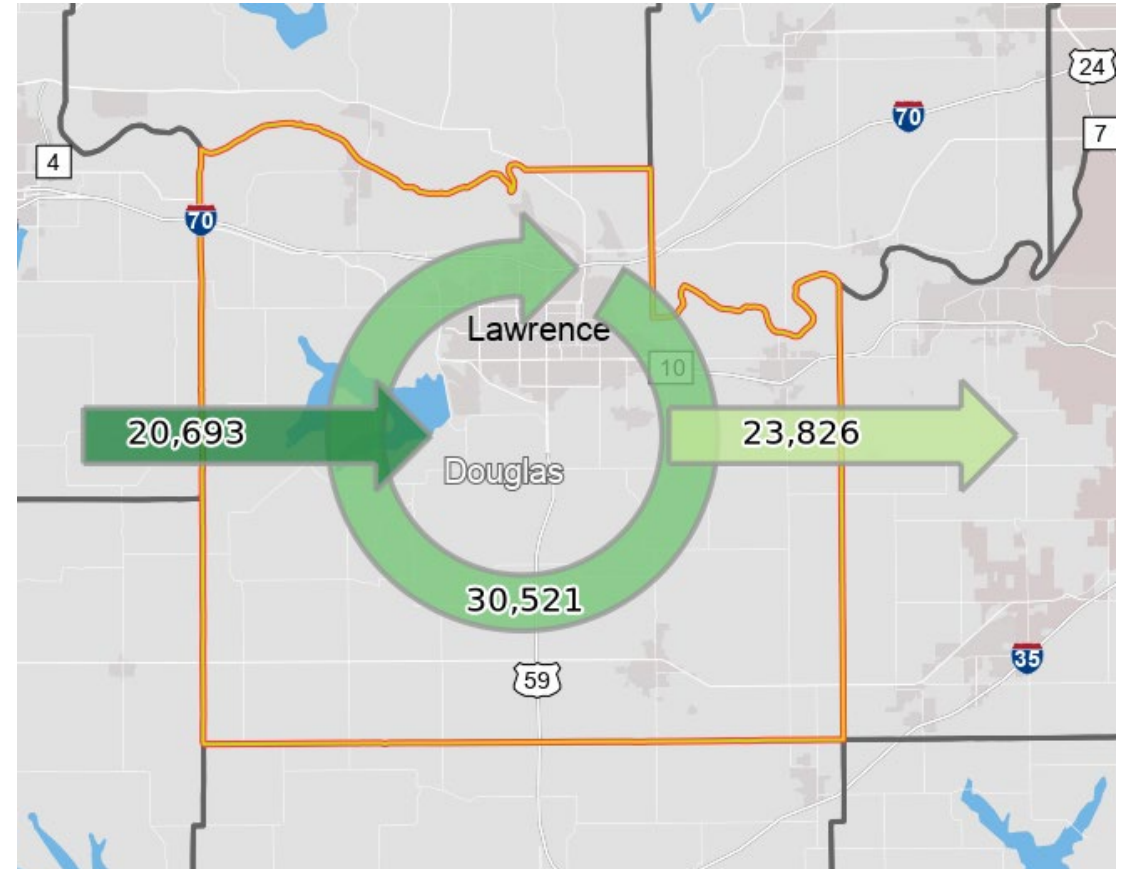
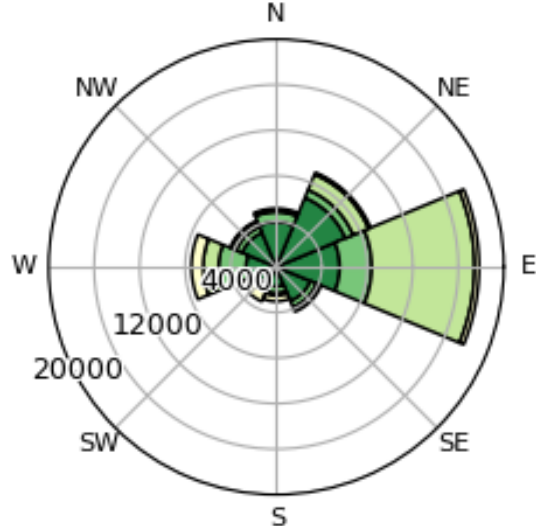
Median Family Incomes vary more widely by race than household incomes.

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Douglas County Residents Commute for Work

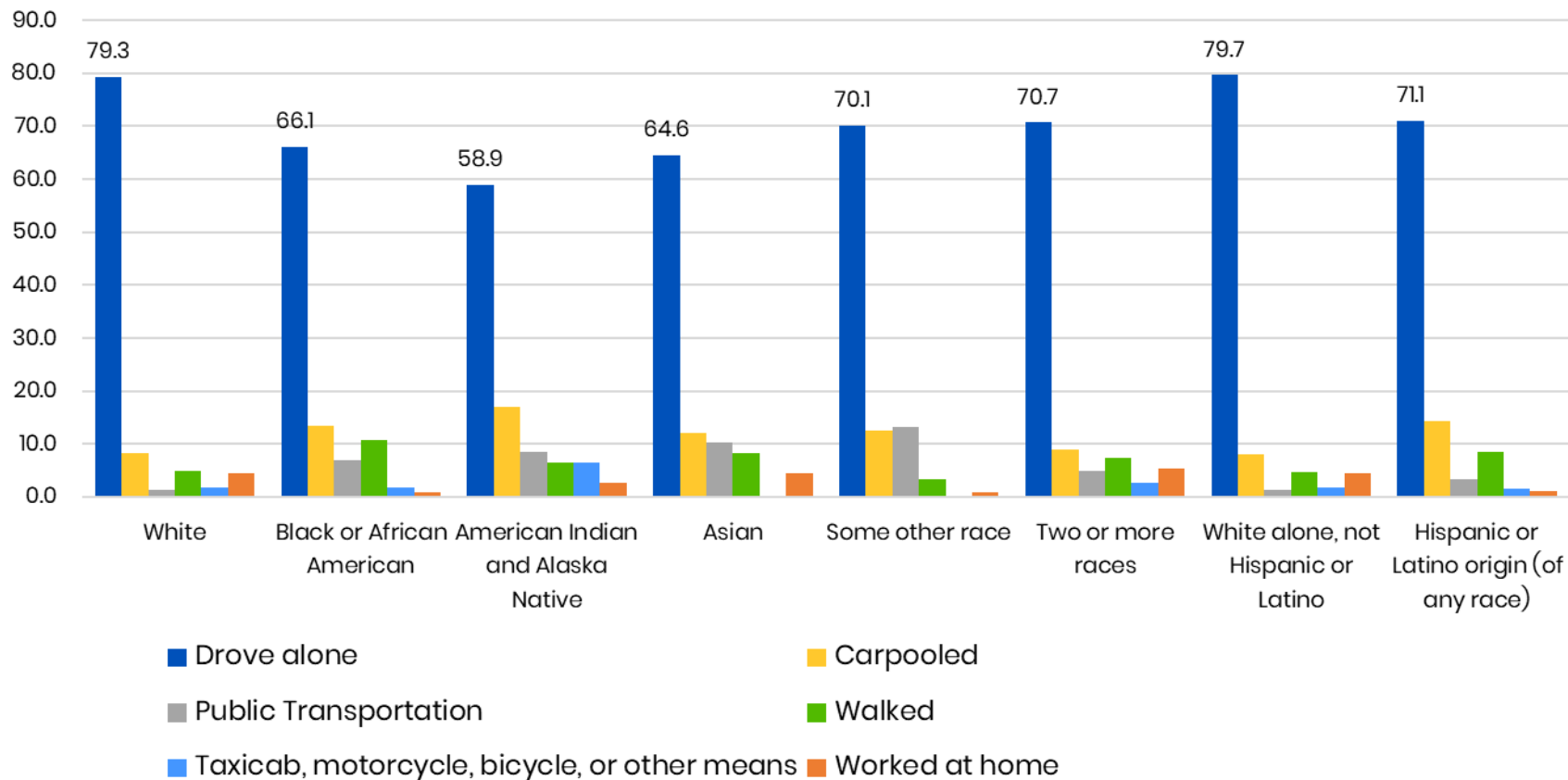
- 56% of Douglas County residents work in the county.
- 44% of residents commute to work. More workers commute to the East with 17% working in Johnson County

Job Counts by Distance/Direction in 2017
All Workers



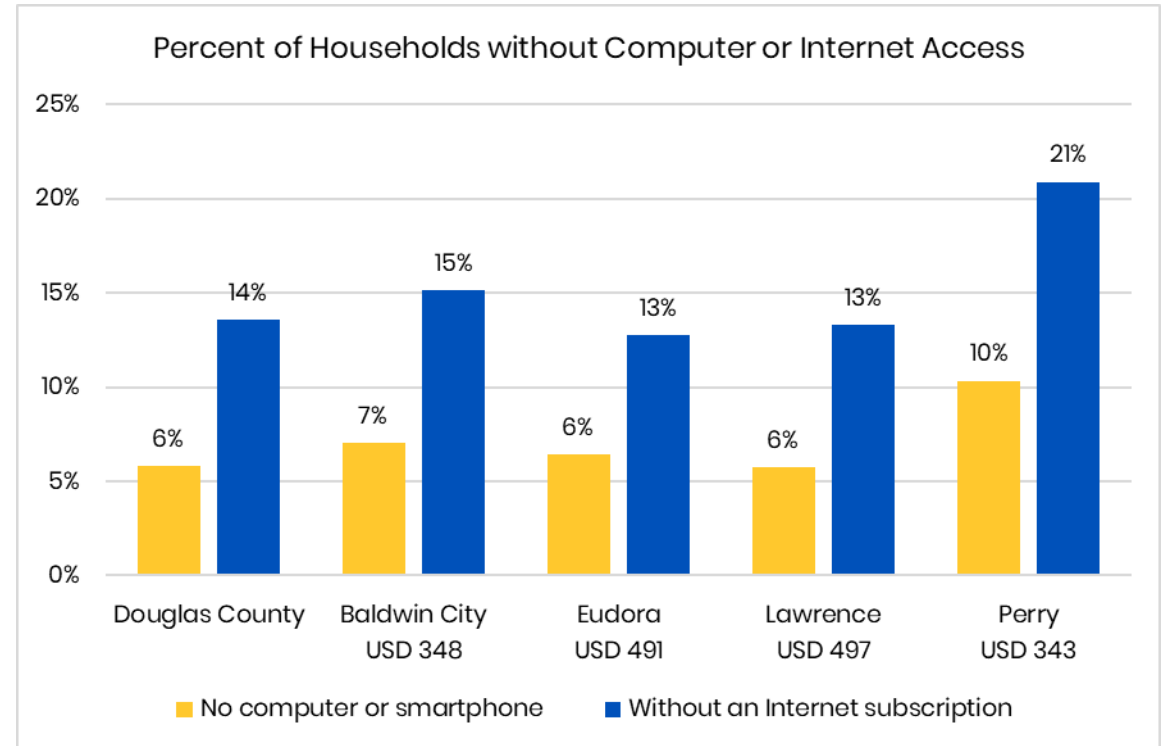
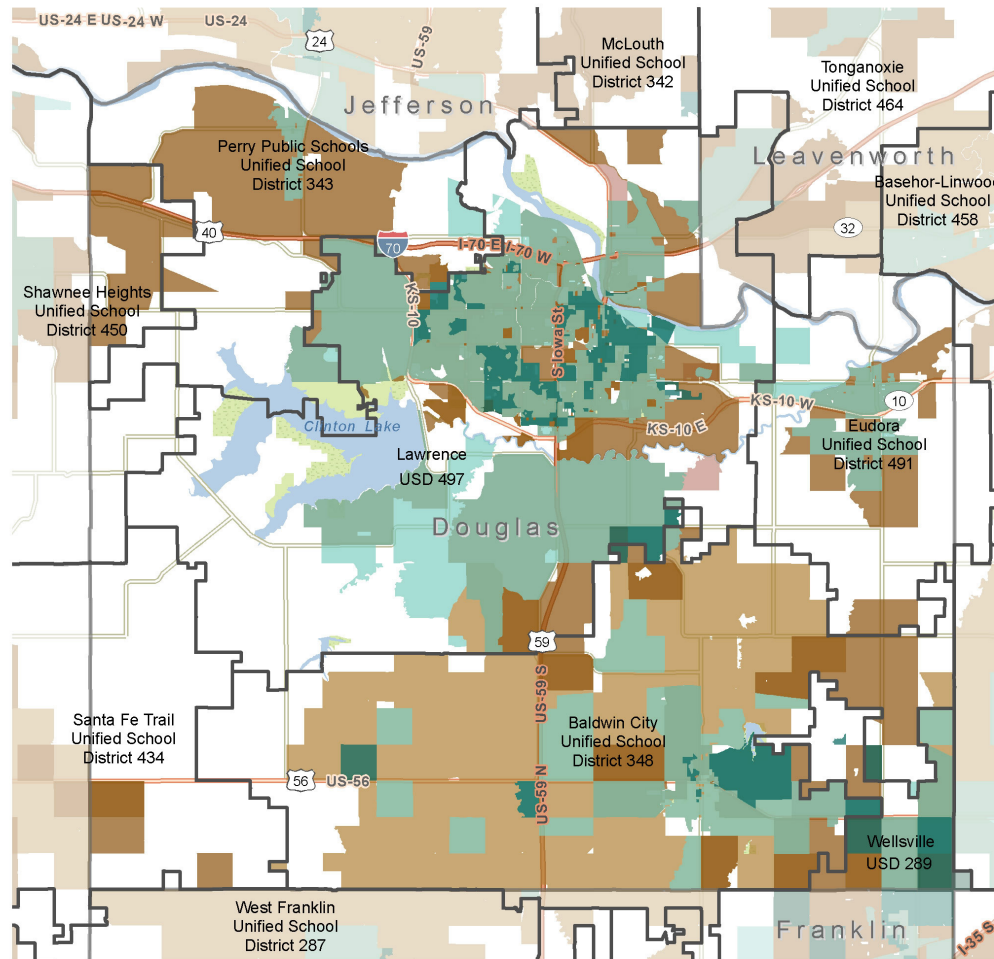
Means of Transportation to Work

Means of Transportation to Work for Douglas County Residents



White workers are 4x as likely to work from home and 5x less likely to take public transportation to work as Black workers.

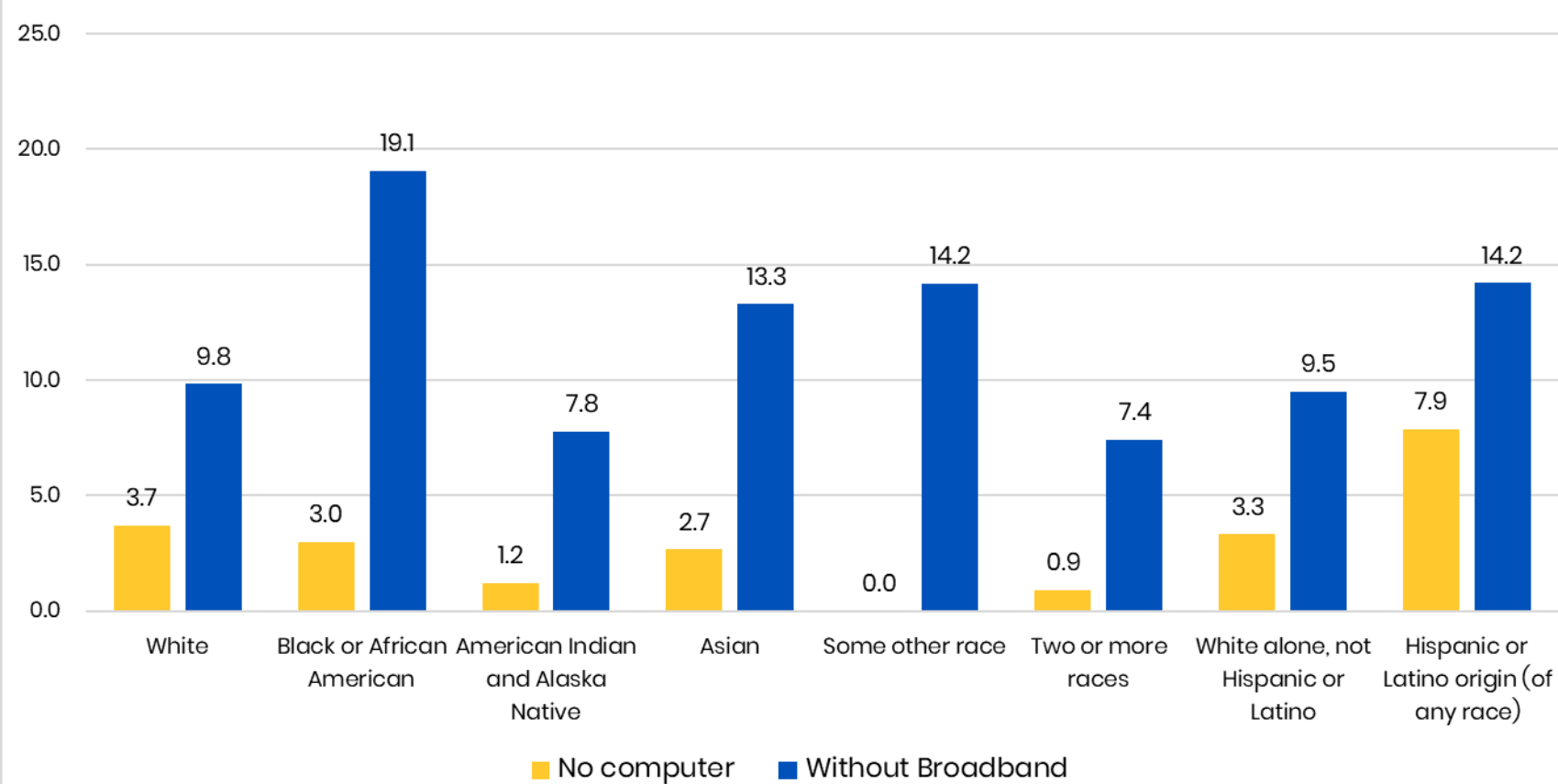
Douglas County Residents Lack Broadband Access



Between 13 – 21% of households within Douglas County School Districts have no Internet Subscription.

Douglas County Computer/Broadband Access

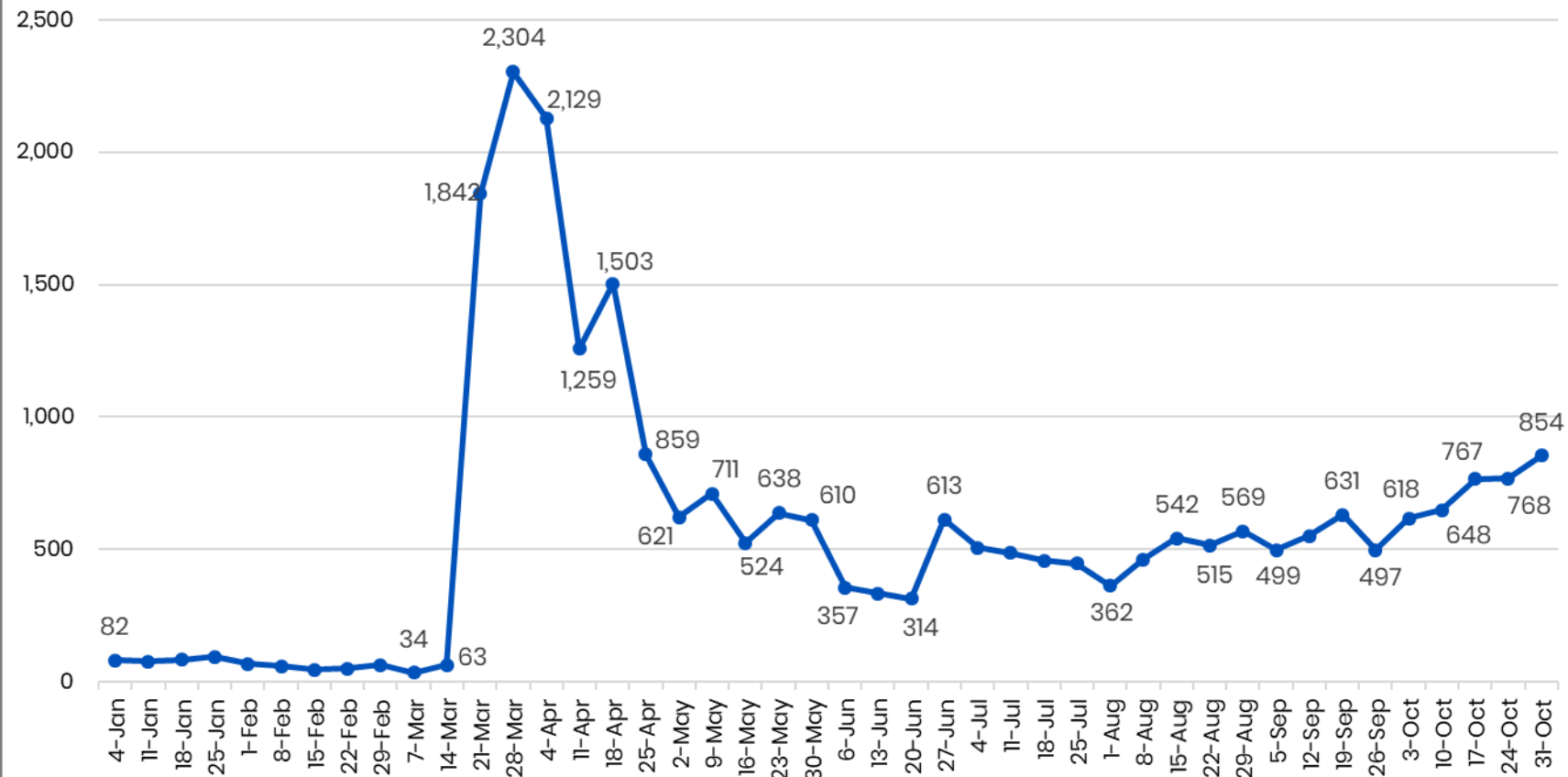
Percent of Households without Computer or Broadband Internet Access



- Under-represented groups have less access to broadband and computers

Douglas County Initial Unemployment Claims

Douglas County Initial Claims Filed by Week

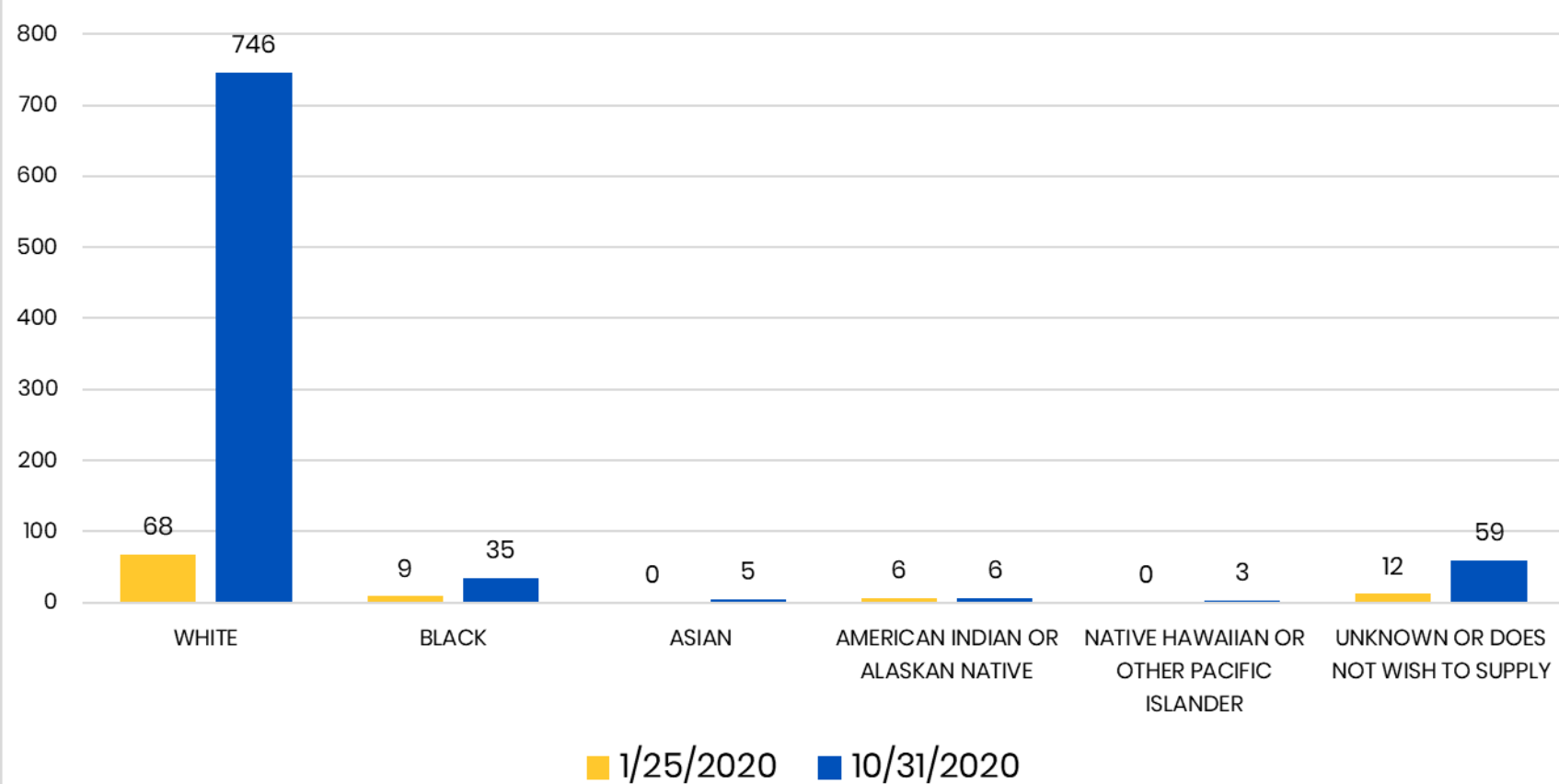


Douglas County Initial Unemployment claims have been trending upward since Aug 1st.

Source: Kansas Department of Labor.

Douglas County Initial Unemployment Claims

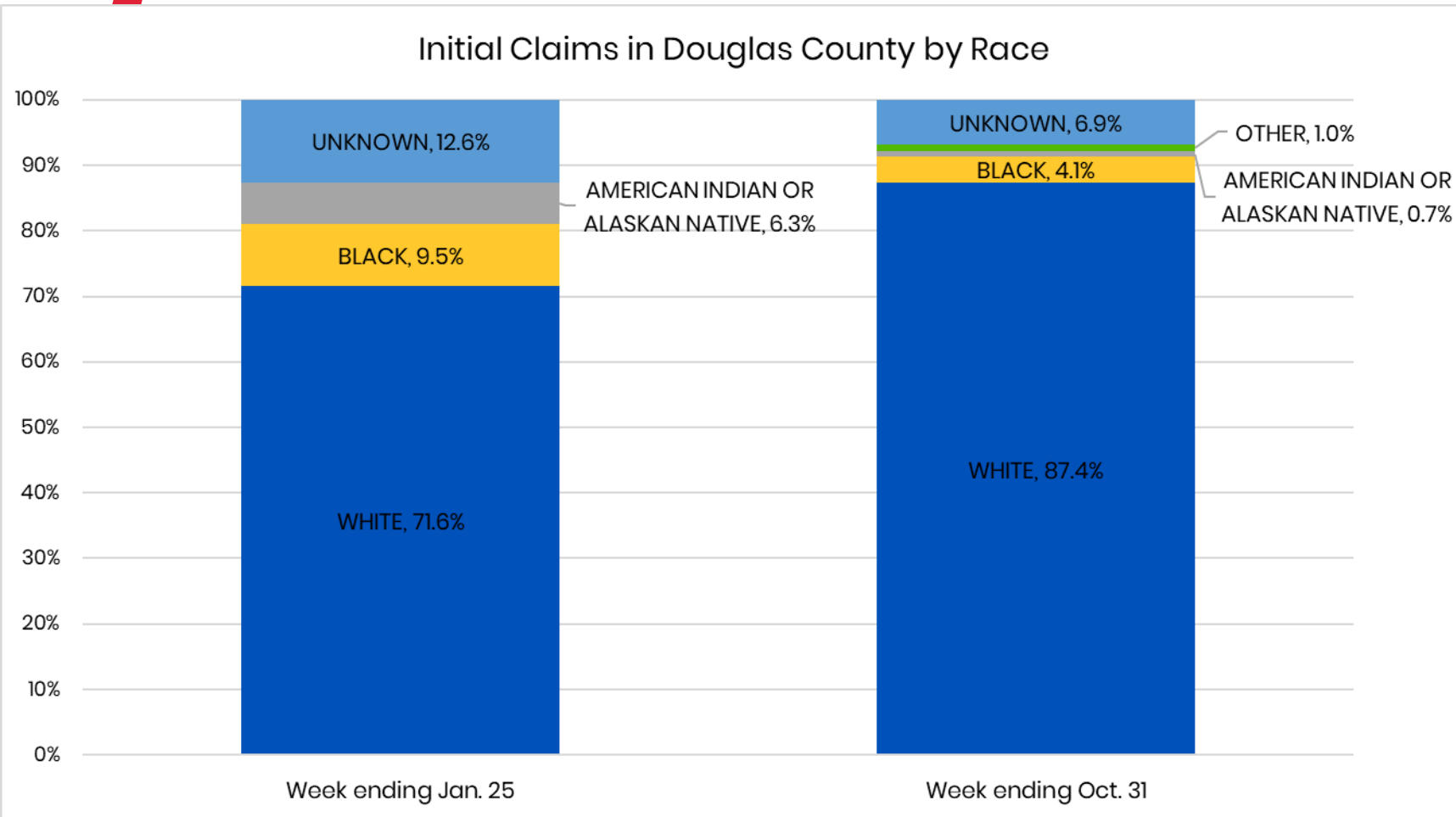
Initial Claims in Douglas County by Race



Comparing the last week of January to the last week of October, initial unemployment claims from whites were 10x higher.

Source: Kansas Department of Labor.

Douglas County Initial Unemployment Claims

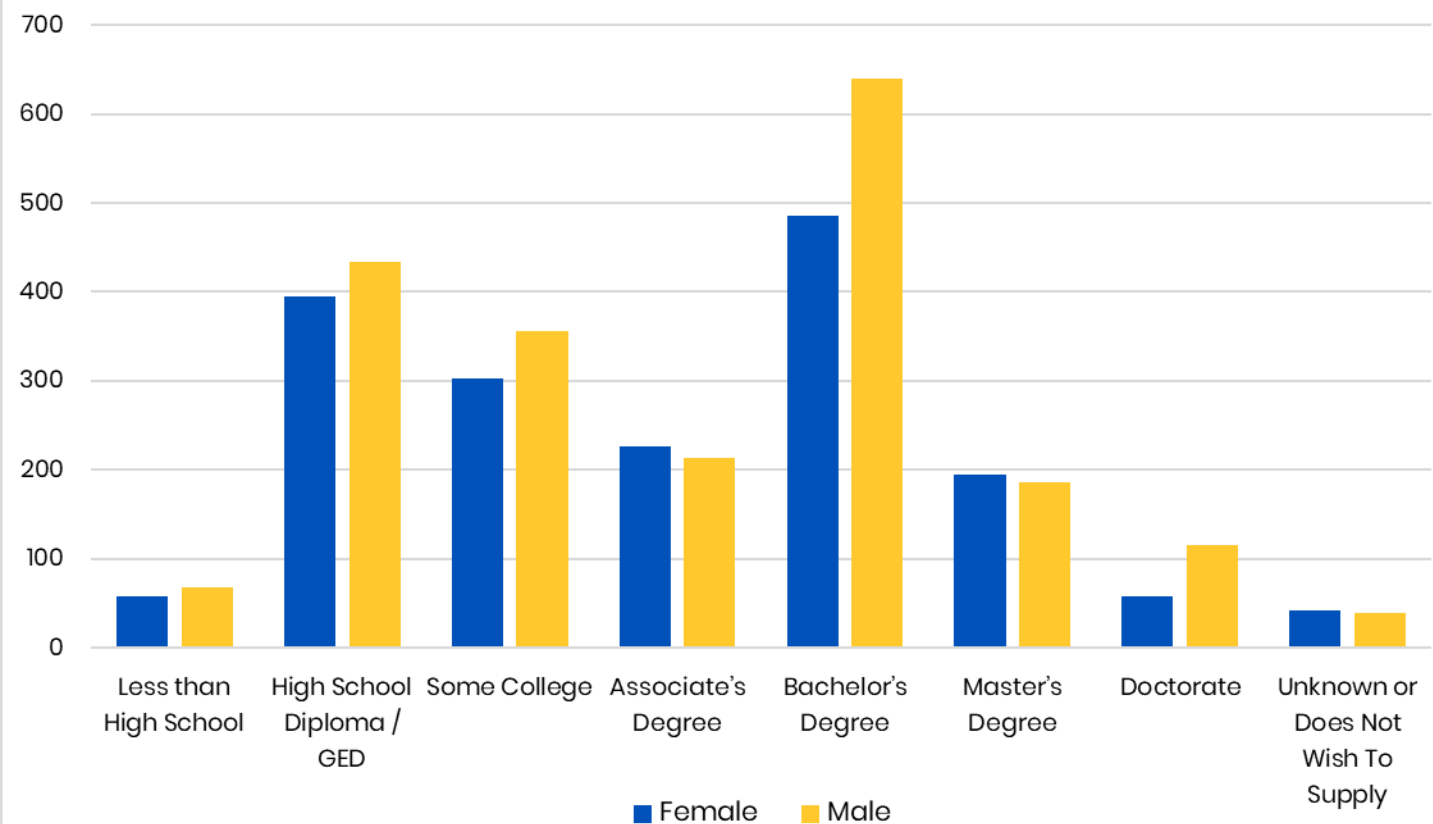


Initial claims are higher for whites than for under-represented groups as of October 31st.

Source: Kansas Department of Labor.

Douglas County Unemployment Claims

Initial and Continued Unemployment Claimants by Education Level and Gender as of October 31, 2020



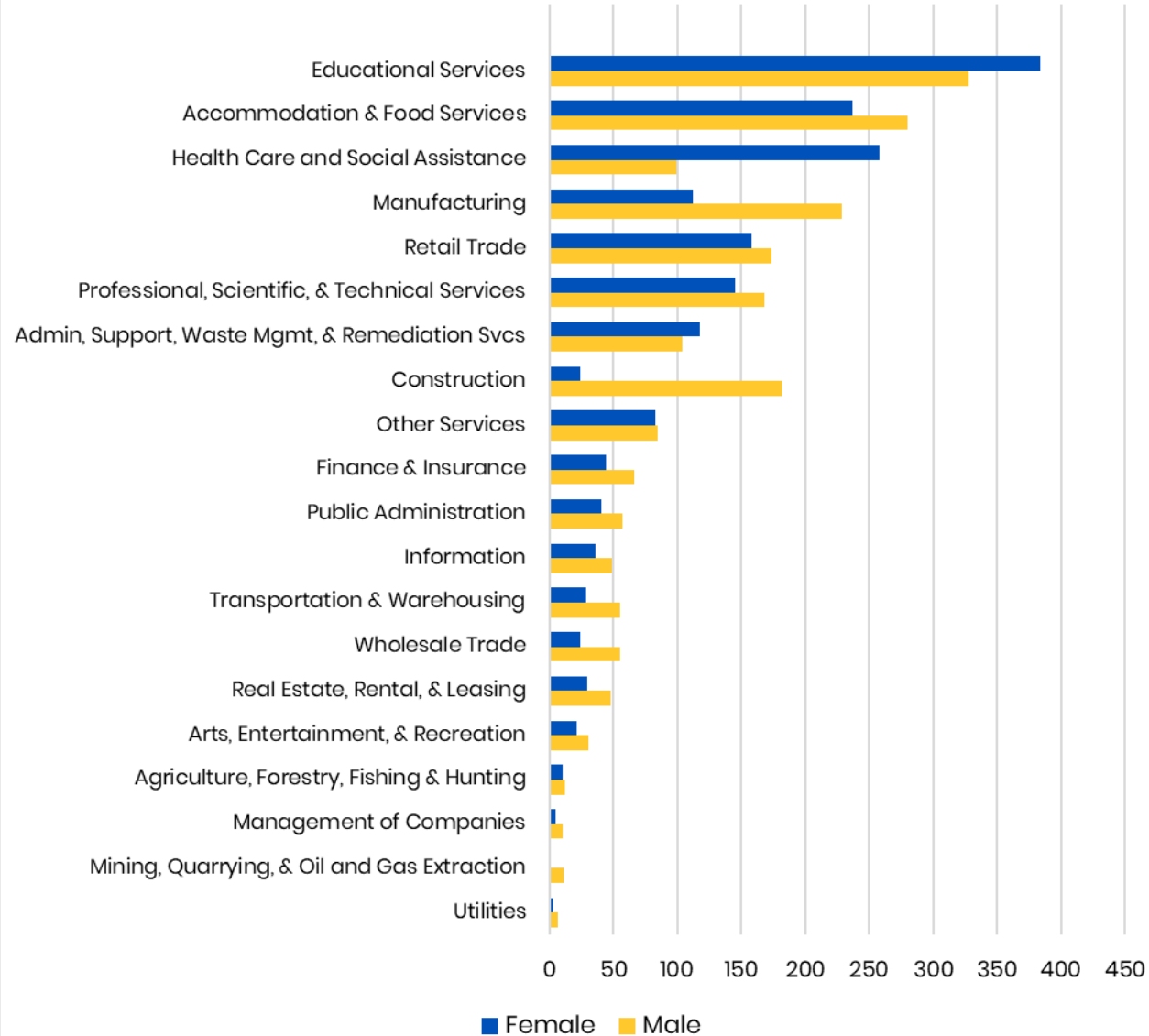
Source: Author's calculations.

- Males with a Bachelor's degree are most likely to be unemployed.

Overall, Douglas County unemployment claimants are slightly more likely to be male.

Douglas County Unemployment Claims

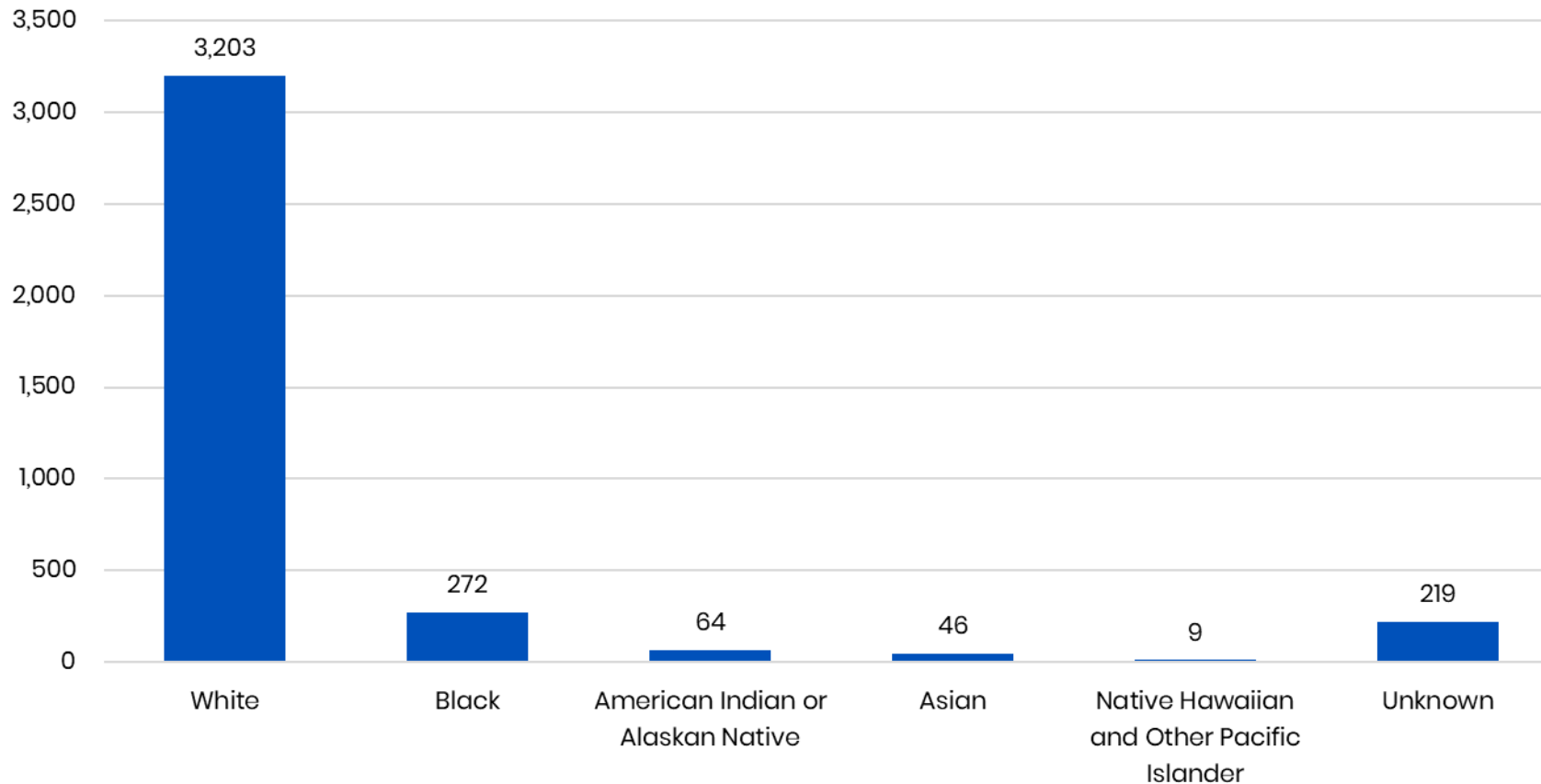
Initial and Continued Unemployment Claimants by Industry



- Male Unemployment:
 - Education
 - Accommodation & Food Service
 - Manufacturing
- Female Unemployment:
 - Education
 - Health Care
 - Accommodation & Food Service

Douglas County Unemployment Claims

Initial and Continued Unemployment Claimants by Race as of Oct 31, 2020

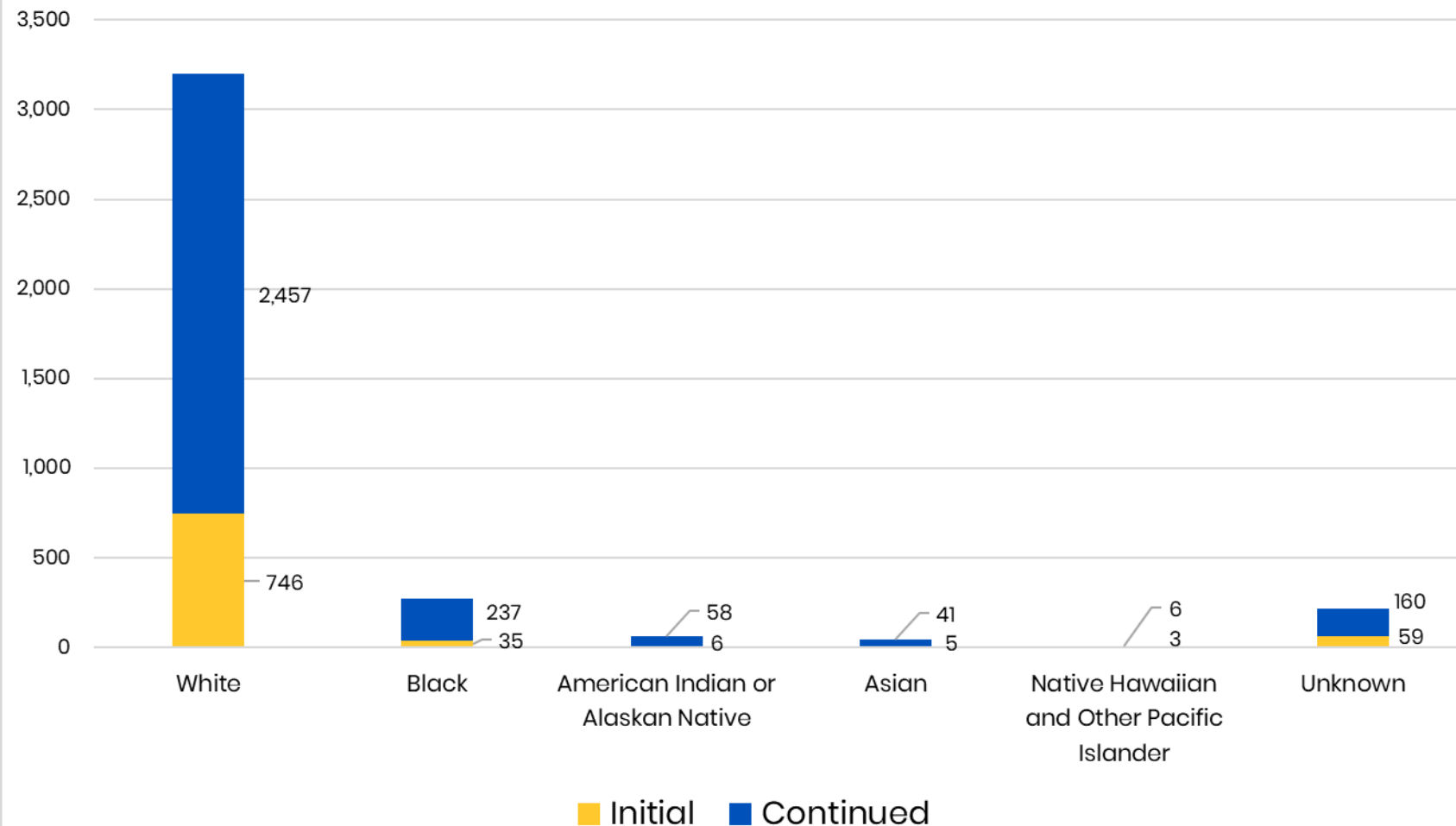


Claimants are predominantly White.

Source: Author's calculations.

Douglas County Unemployment Claims

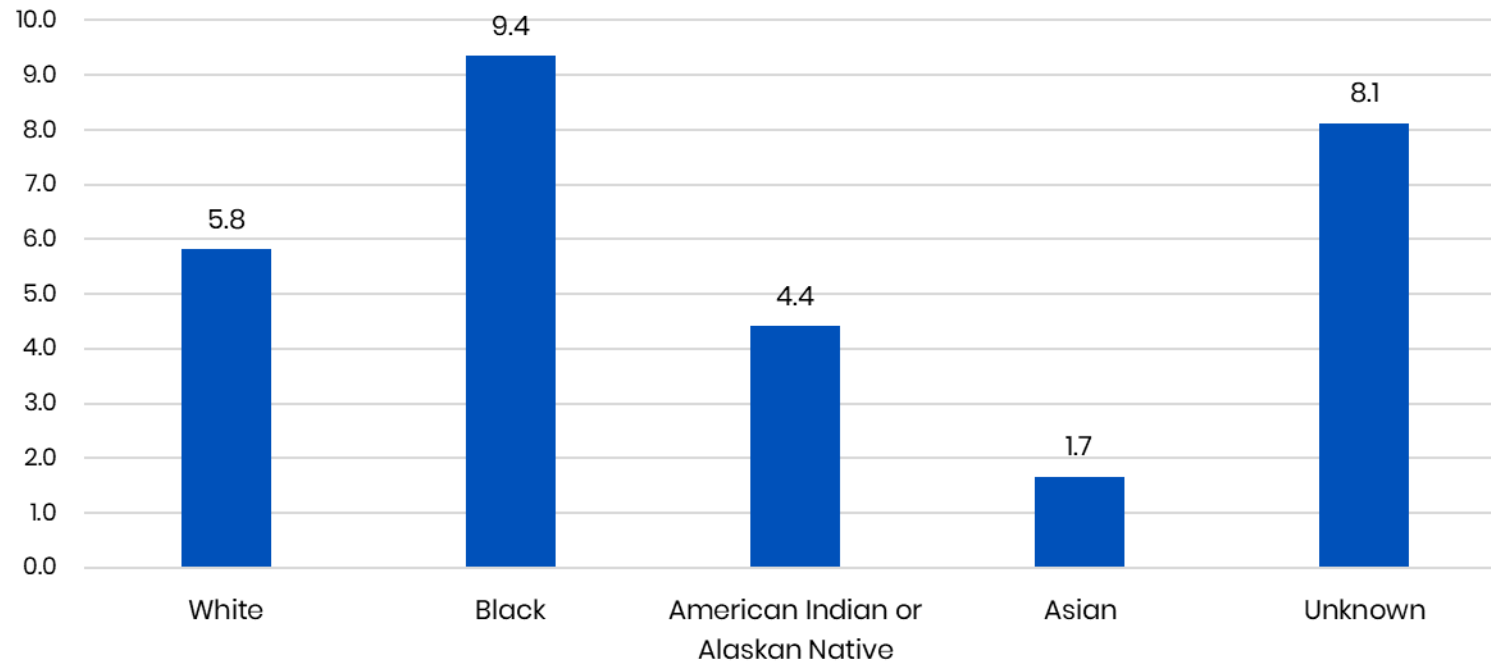
Initial and Continued Unemployment Claimants by Race as of Oct 31, 2020



Claimants are predominantly White though a greater share of non-white claimants are continued claims.

Douglas County Unemployment Claims

Projected Unemployment Rate by Race as of October 31, 2020



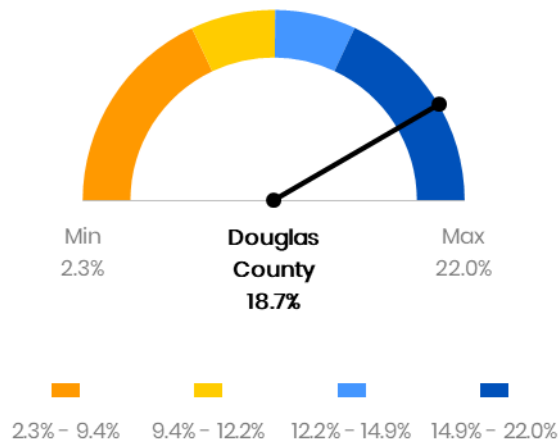
Using ACS data on workers by race we can estimate unemployment rates by race.

Blacks have higher unemployment rates.

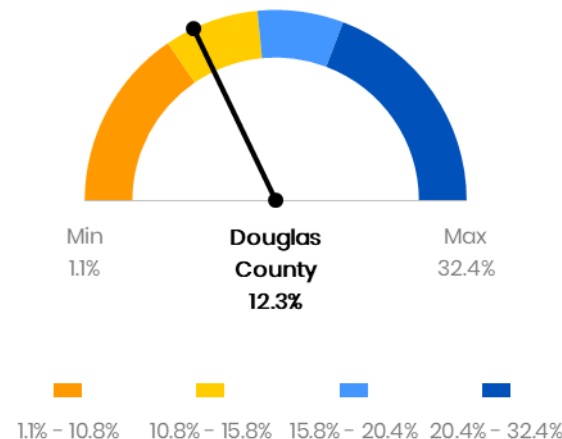
Source: Author's calculations using initial and continued unemployment claimants as of October 31st with workers (Armed Forces and civilian) from the 2014-2018 American Community Survey.

Percent of People in Poverty in Douglas County

Percent of People in Poverty



Percent of Children Under 18 in Poverty

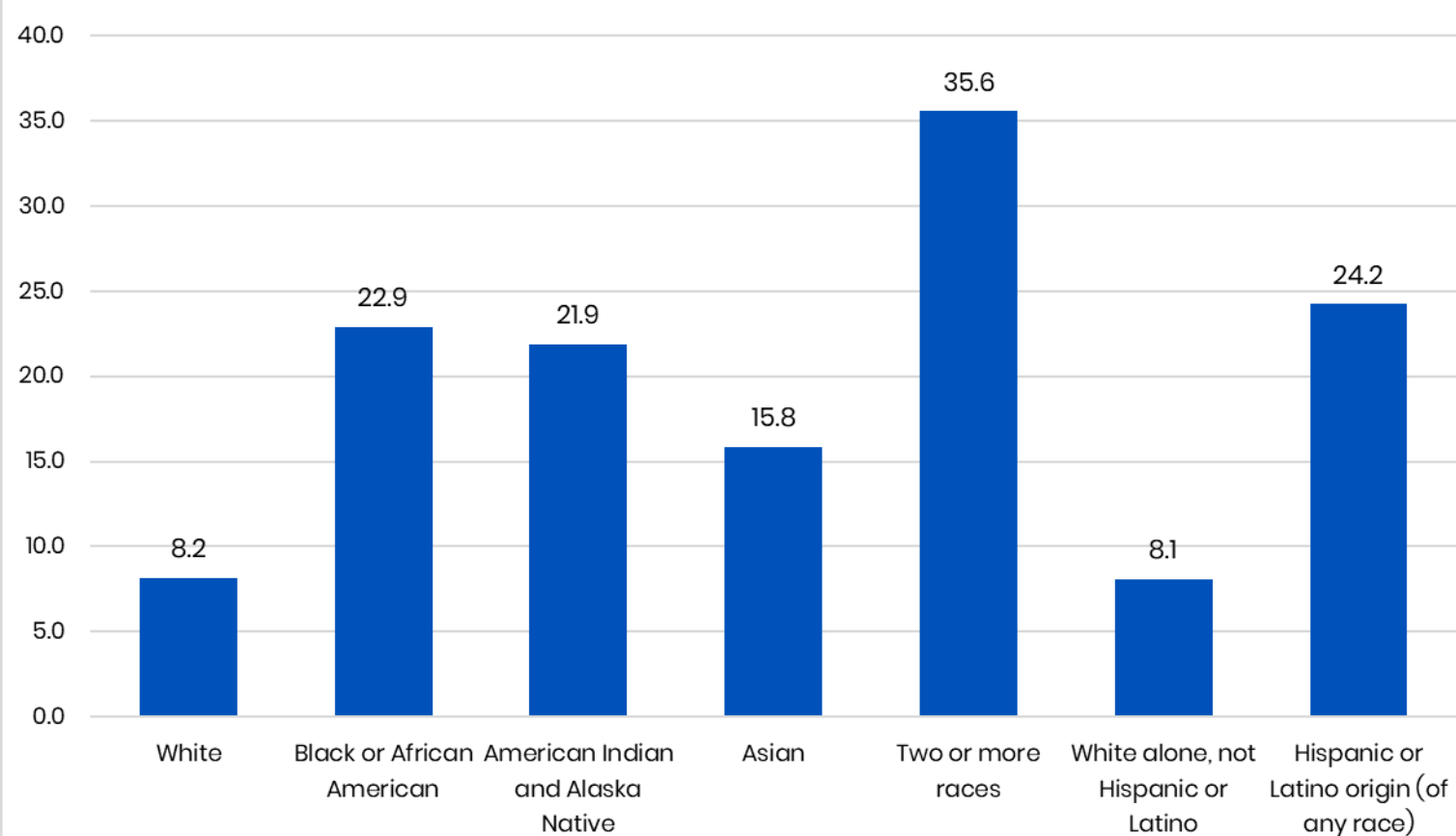


- The overall portion of Douglas County residents living in poverty is 18.7%
- 12.3% of children under 18 in Douglas County live in poverty
- Douglas County falls into the upper quartile for Kansas counties for people in poverty

Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Percent of Children in Poverty in Douglas County

Poverty Rates for People Under Age 18 in Douglas County by Race

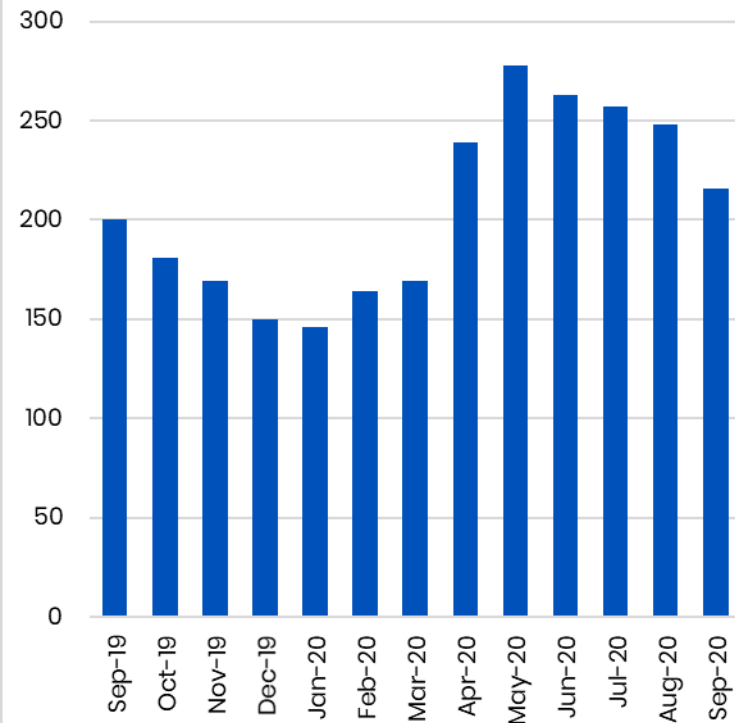


Overall 12.3% of children under 18 in Douglas County live in poverty though non-white children are 2-4x as likely to be in poverty.

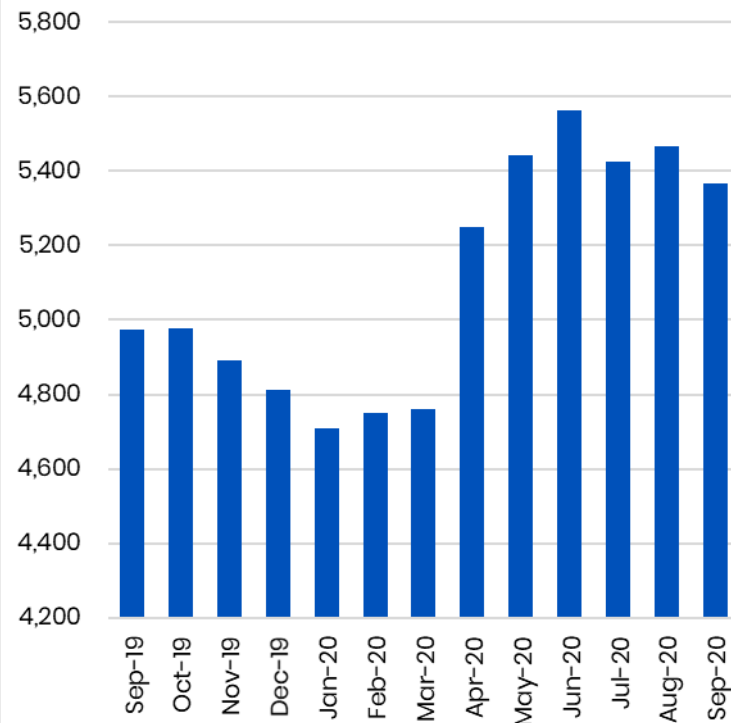
Source: U.S. Census Bureau, 2014-2018 American Community Survey.

Douglas County SNAP and TANF Participation

People Receiving TANF Benefits,
Sept 2019 – 2020



People Receiving SNAP Benefits,
Sept 2019 – 2020



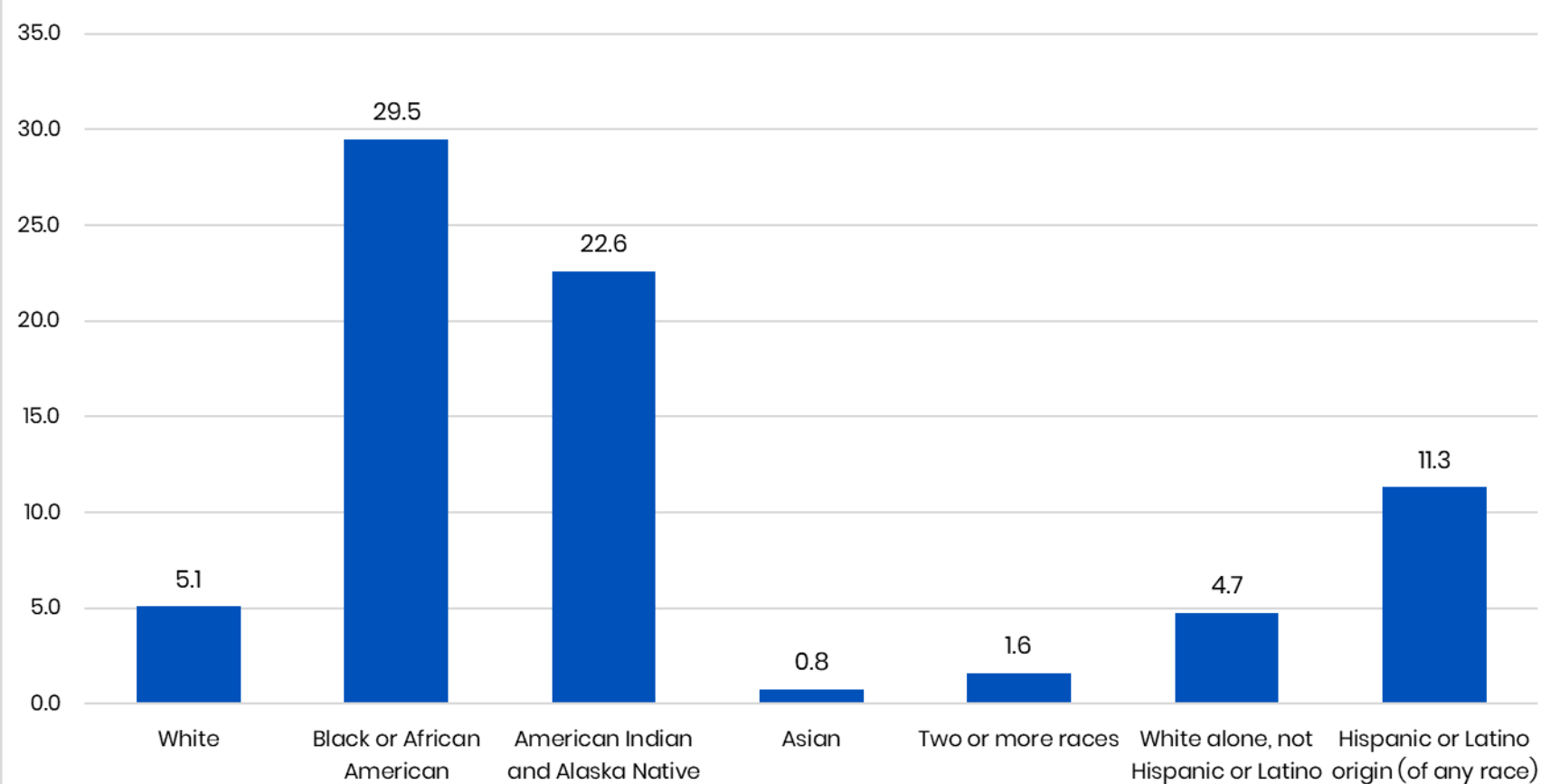
Participation in the Supplemental Nutrition Assistance Program (SNAP) and Temporary Assistance for Needy Families (TANF), have increased.

- 8% increase in SNAP & TANF program participants

Source: Kansas Department of Children and Families.

Douglas County SNAP Participation

Percent of Douglas County Households Participating in SNAP by Race

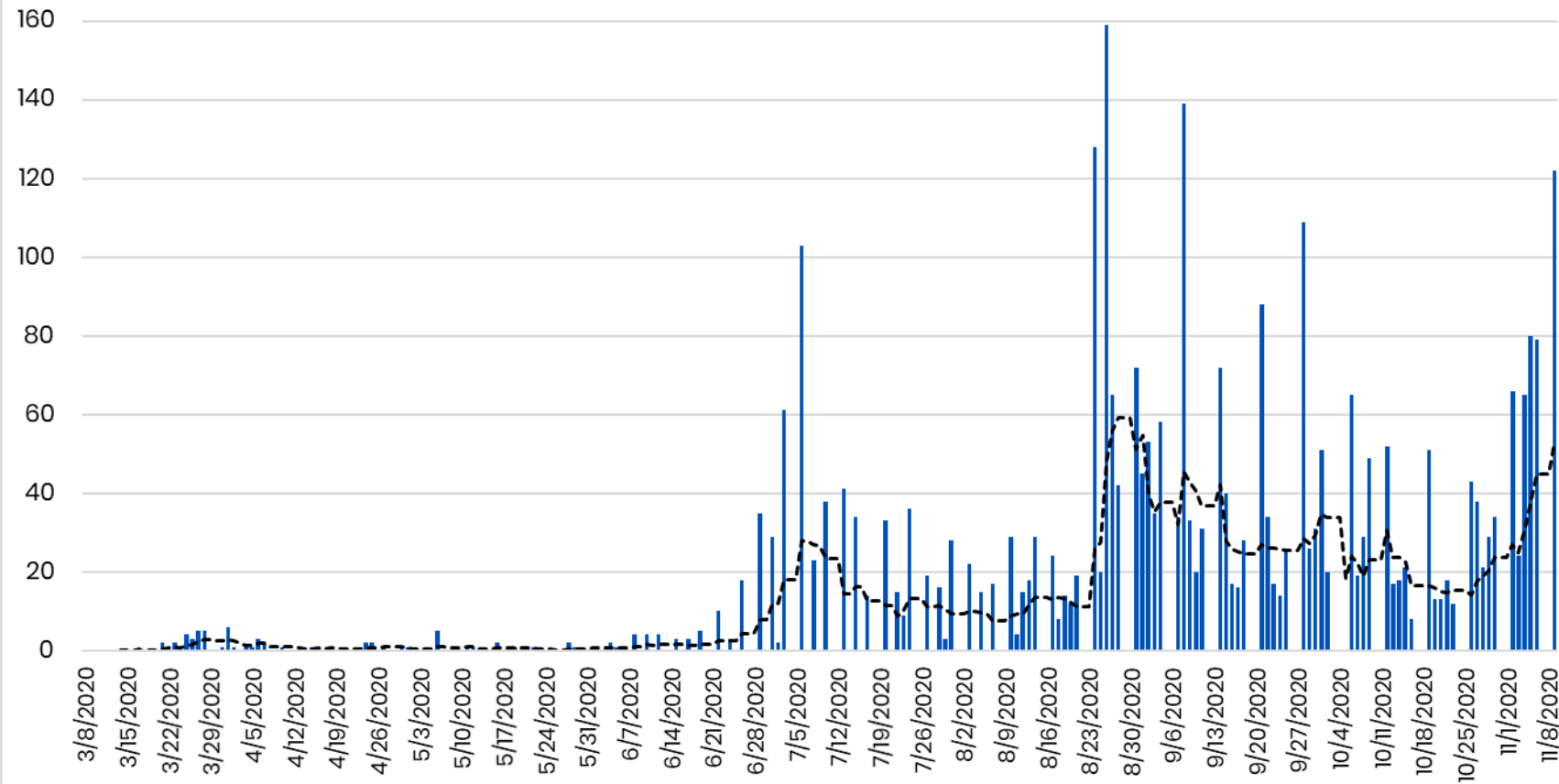


Source: U.S. Census Bureau, 2014-2018 American Community Survey.

The ACS contains self-reported participation which indicates nearly 30% of Black or African-American households participate in SNAP.

COVID-19 in Douglas County

New COVID-19 Cases and 7-day Moving Average in Douglas County

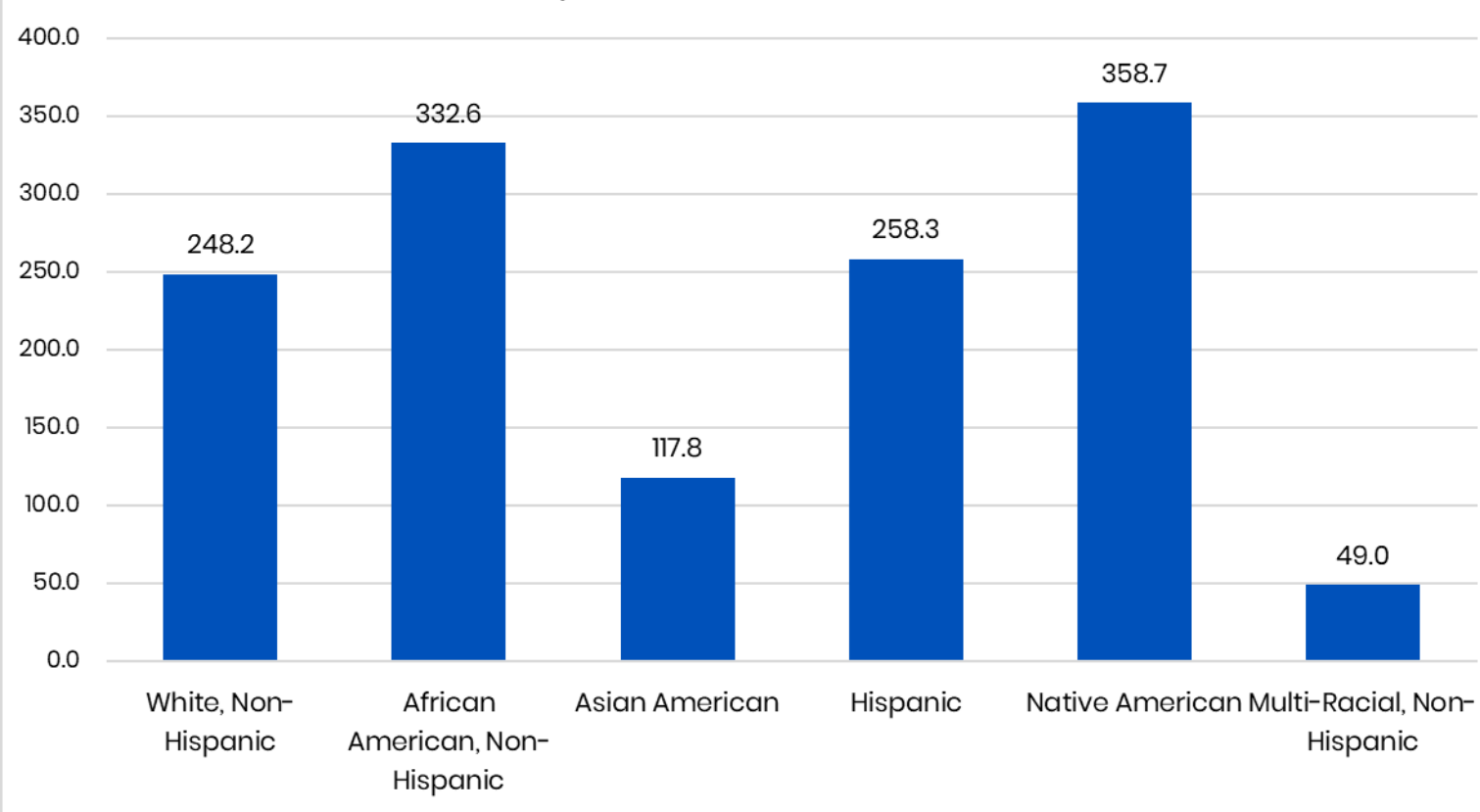


- Covid 19 is increasing in the city despite having strong mitigation efforts.

Source: The New York Times.

COVID-19 in Douglas County

COVID-19 Cases in Douglas County by Race
Rate per 10,000 as of Nov. 9, 2020



- Black and Native Americans in Douglas County have higher rates of COVID than whites.

Source: Lawrence-Douglas County Public Health with U.S. Census Bureau, 2014-2018 American Community Survey.

The Unequal Impact of COVID

- COVID-19 has led to higher unemployment and higher cases for under-represented groups.
- I am very concerned that COVID-19 cases will spike in Douglas County after the holidays.

Thank You!

Thank You

Mahalo

Kiitos

Tack

Grazie

Obrigado

Takk

Danke

Gracias

Toda

Thanks

Merci