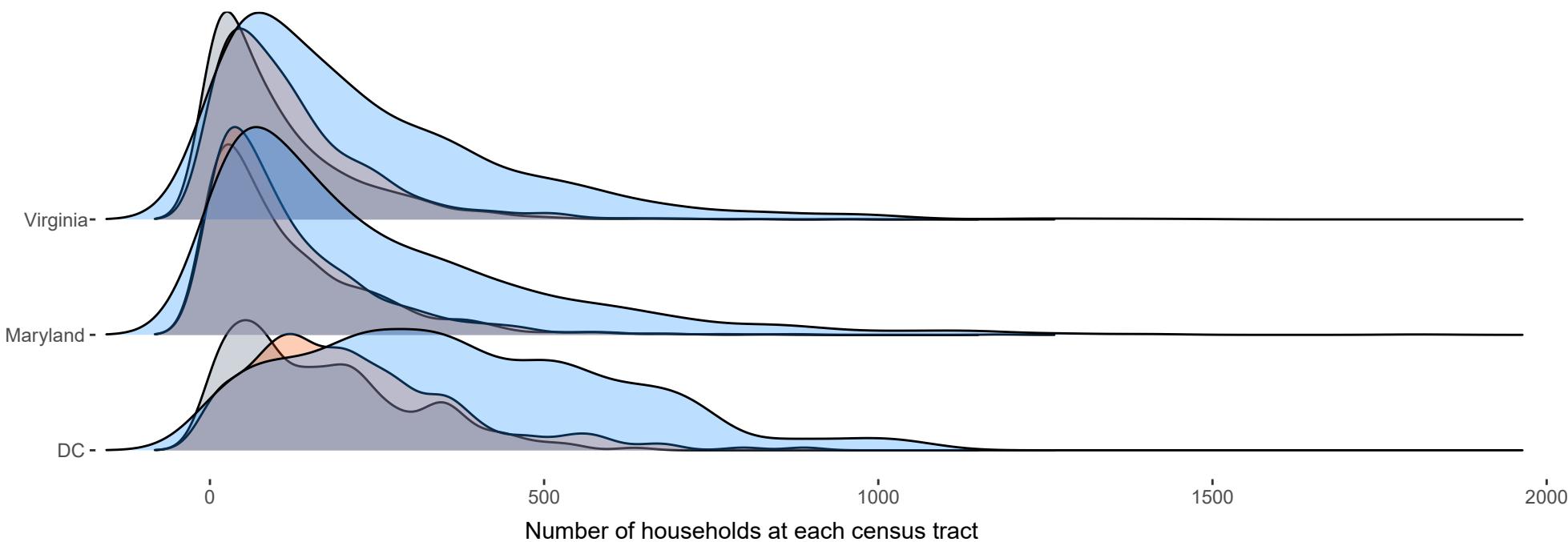
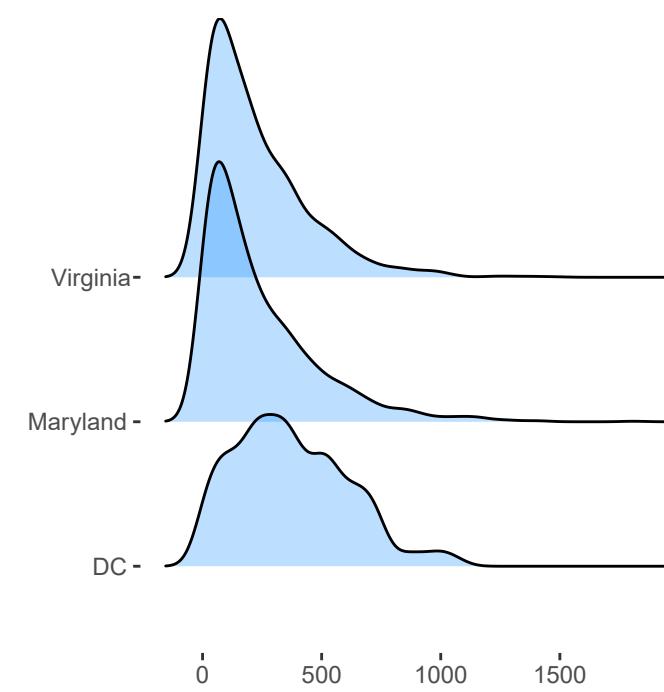
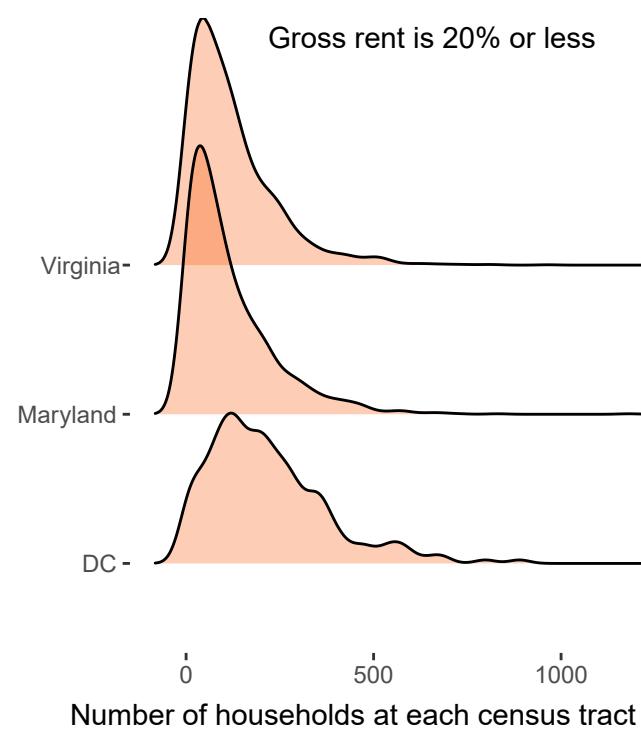
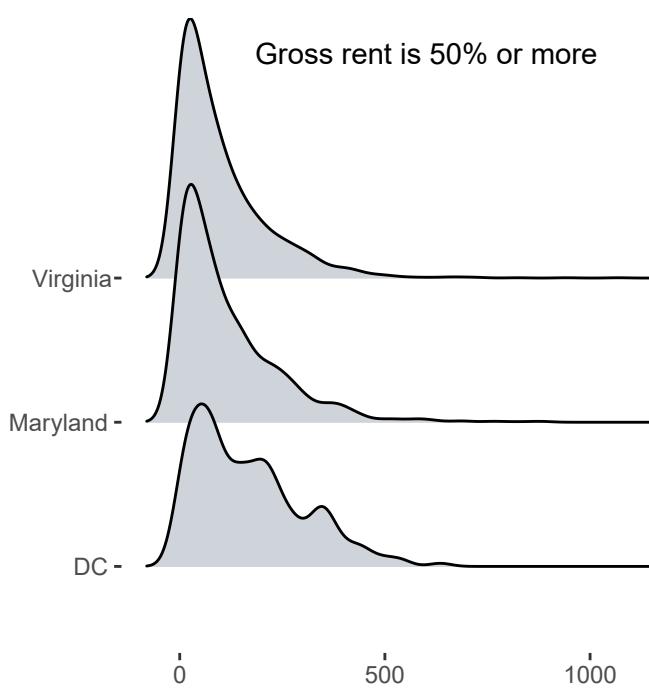


Household distribution categorized by rent affordability in District of Columbia , Maryland, Virginia

Households categorized by gross monthly rent as percentages of households income in 2020 at census tract level.



Gross rent is 20% to 40%



Source: 2016–2020 American Community Survey (ACS) 5-year

Renters in District of Columbia have less transportation and housing cost from 2012 to 2016

Scatterplot by census tract

Percent of renters (%)



Source: U.S. Department of Housing and Urban Development

Housing cost and median household income at the census tract Level in District of Columbia in 2016

Positive correlation observed and tract with lower median household income has higher household density

Median household income (\$)



Source: U.S. Department of Housing and Urban Development

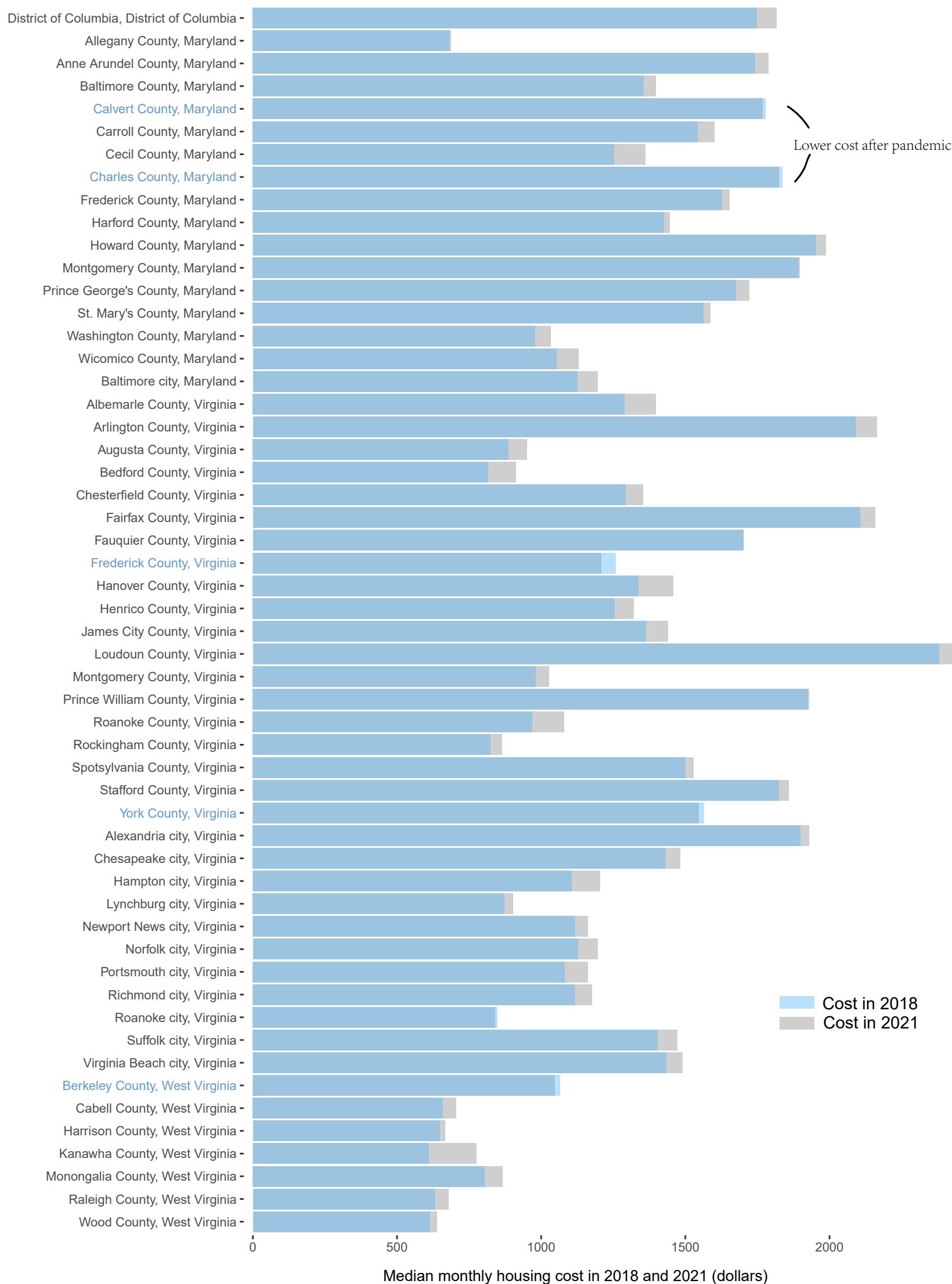
Driving is the dominate mean of transportation to work in the Washington metropolitan area except for District of Columbia
Percentages caculated by total surveyed population



Source: 2020 American Community Survey 5-year

Median monthly housing cost increased in DC, Virginia, West Virginia, and Maryland after pandemic

Most counties have higher cost after pandemic except few

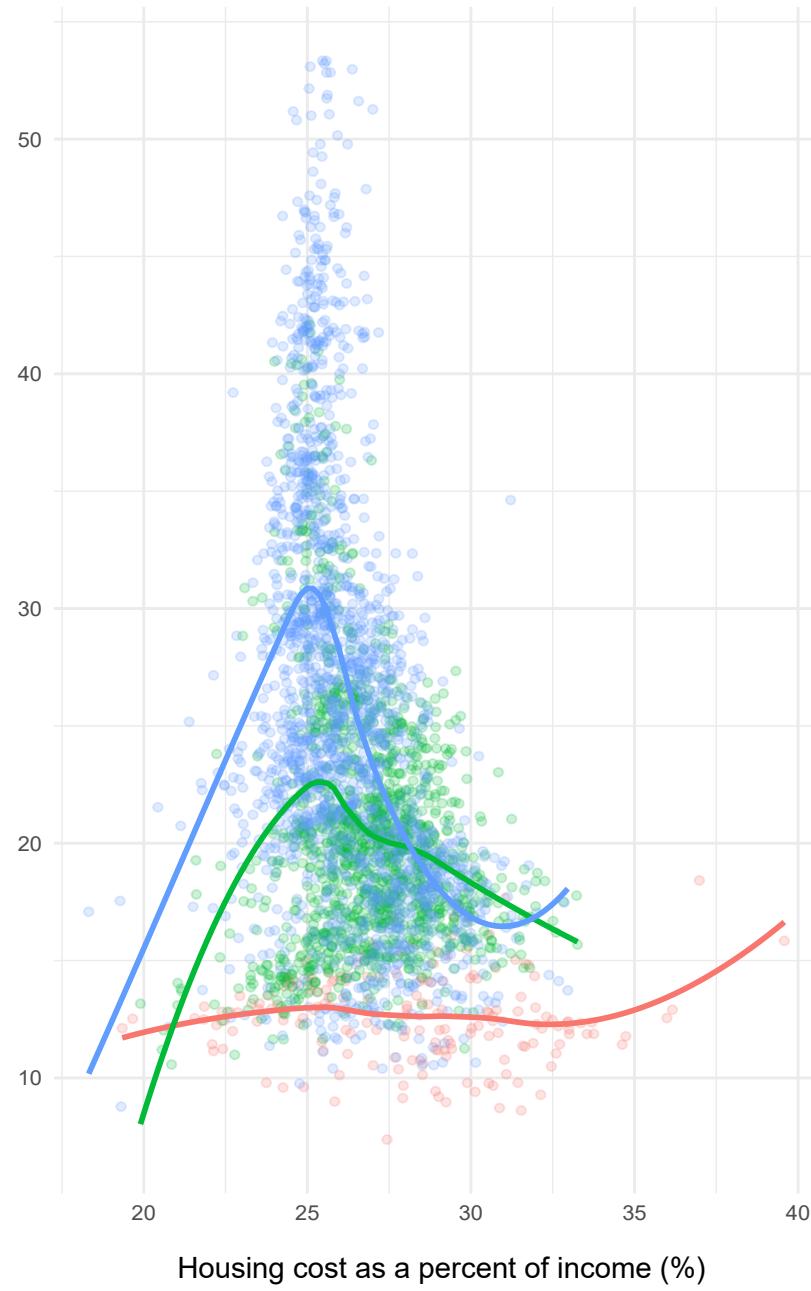


Source: American Community Survey

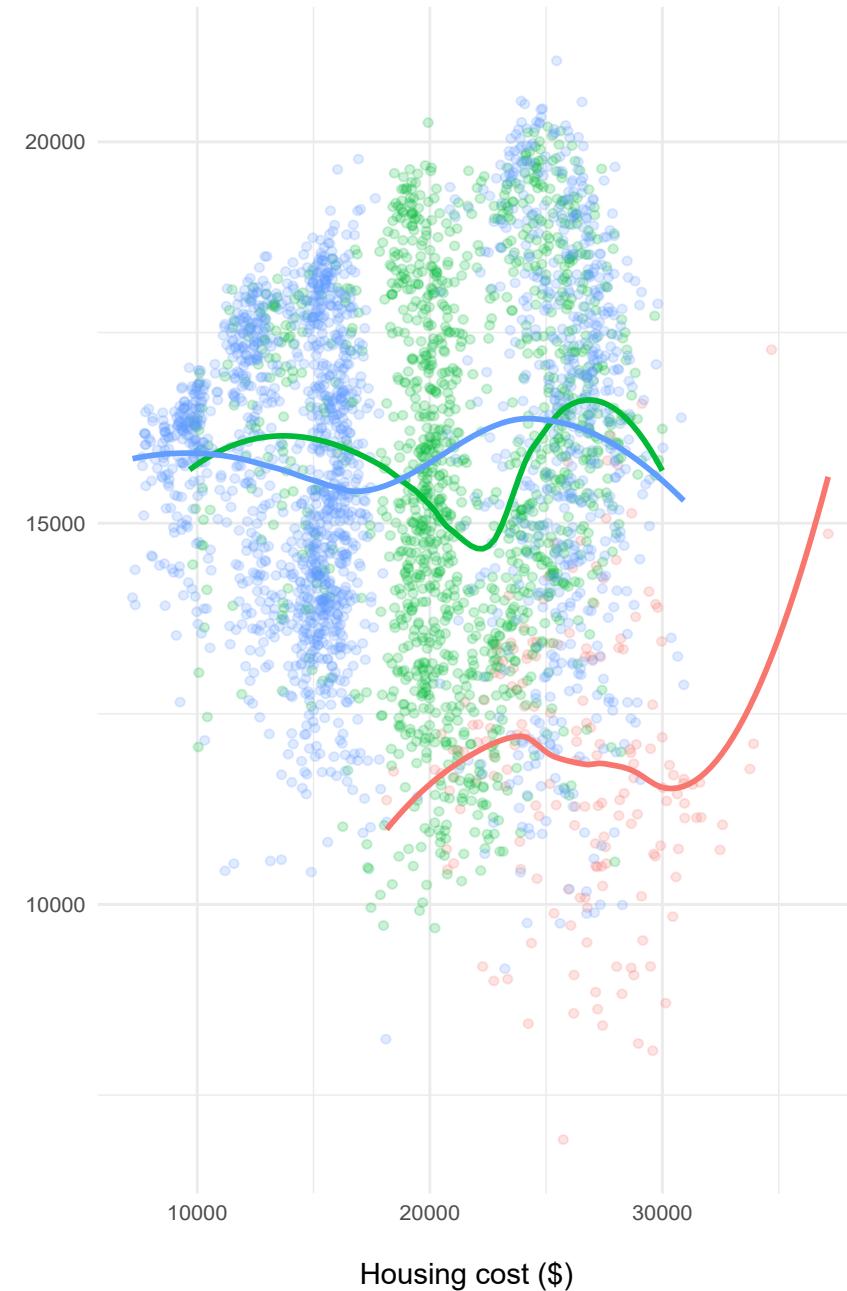
Housing and Transportation Cost for Median-Income Family in DMV Area from 2012 to 2016

Amount of cost and percent of income at the census tract level

Transportation cost as a percent of income (%)



Transportation cost (\$)

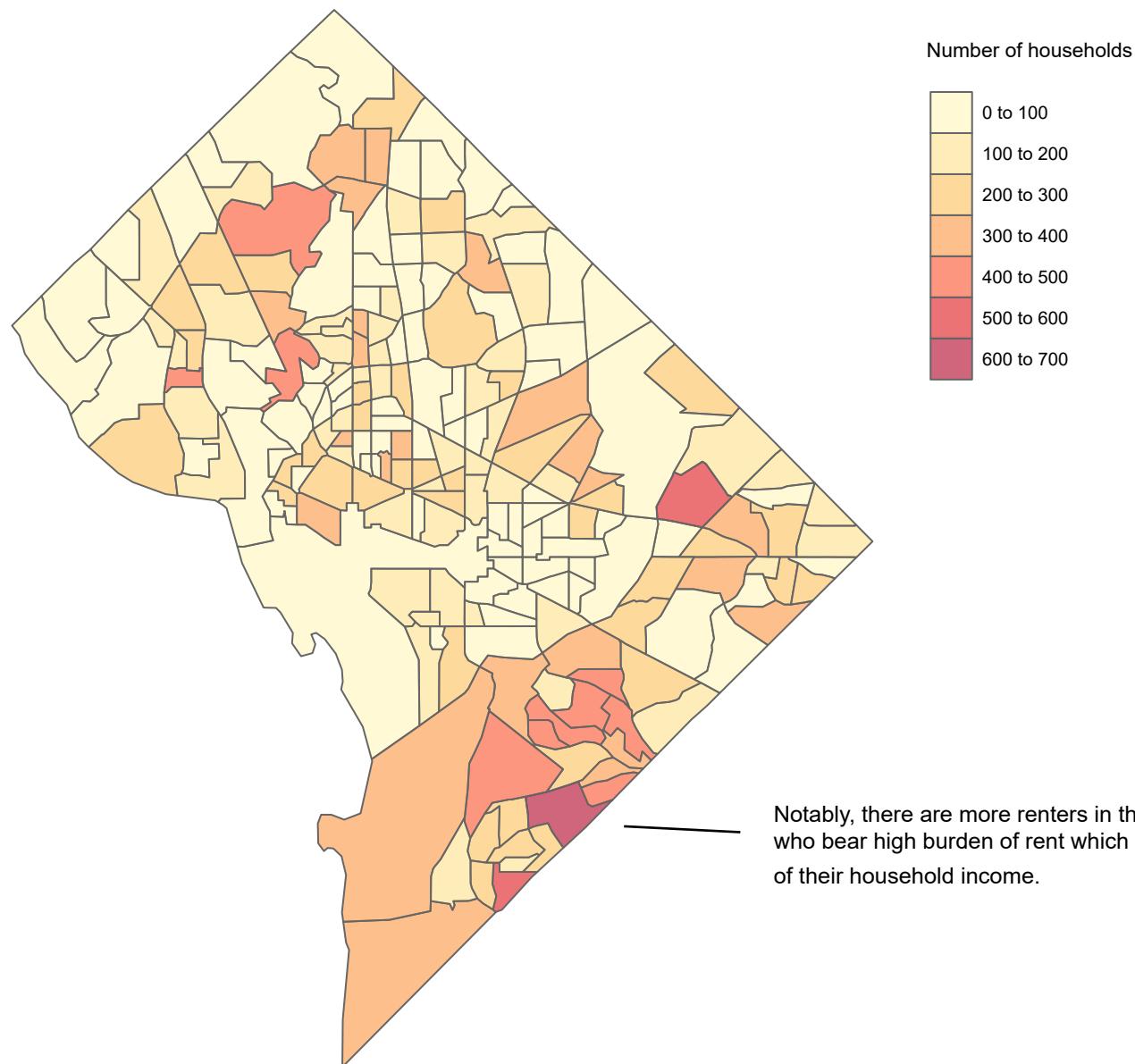


States

- DC
- MD
- VA

Gross monthly rent as 50% or above of household income in District of Columbia

A choropleth map of showing households who bear high burden of rent

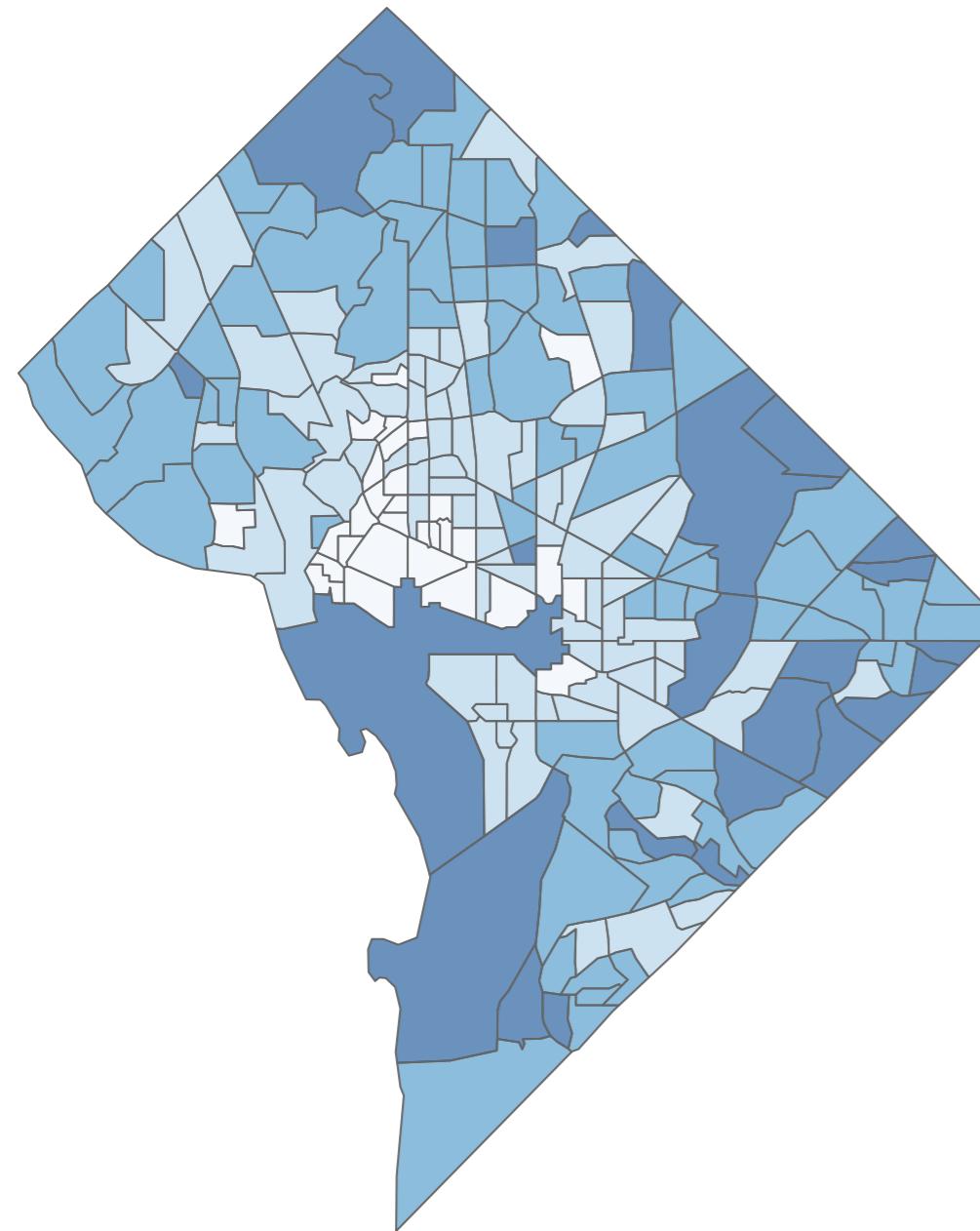


Source: 2016–2020 American Community Survey (ACS) 5-year

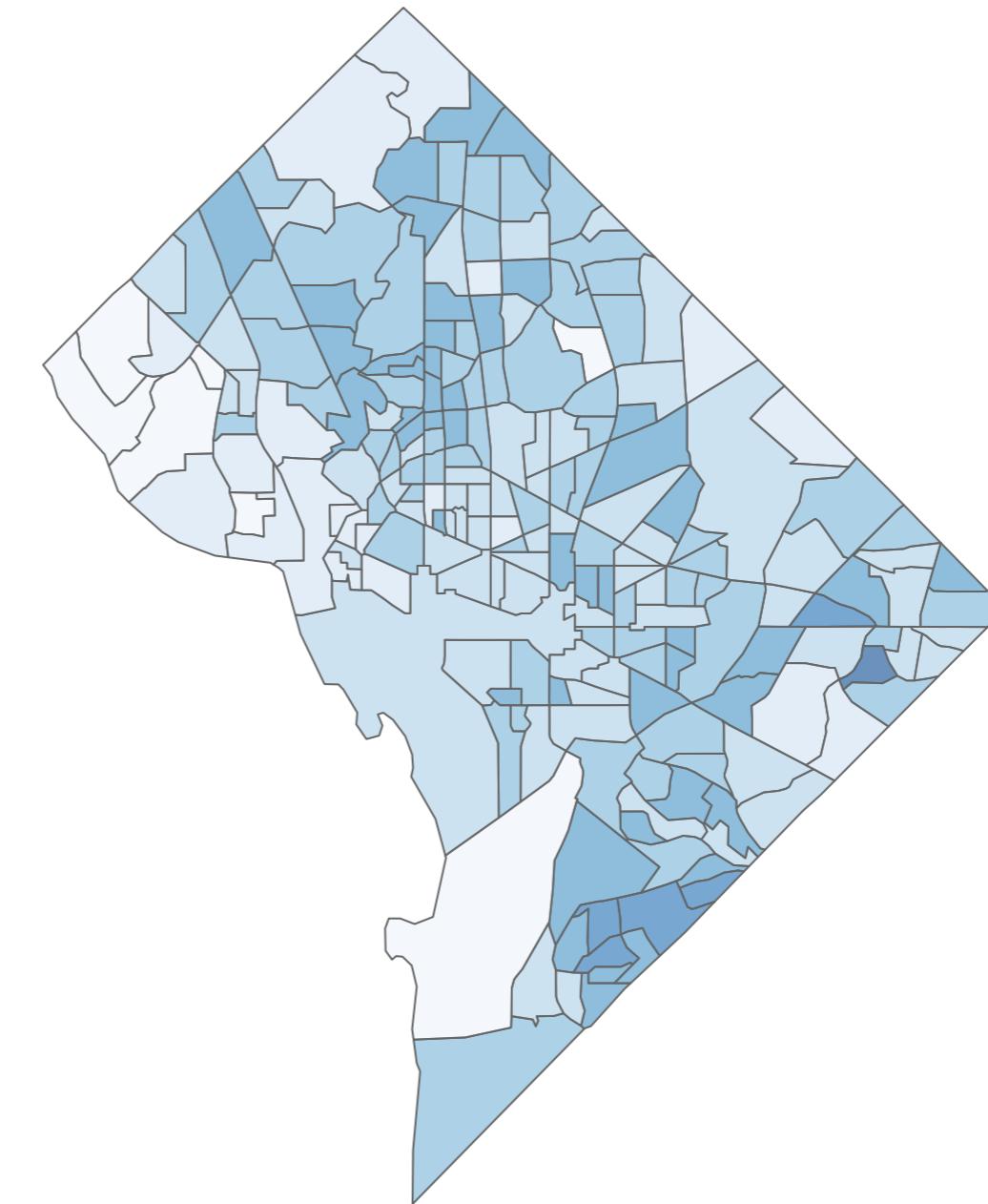
Commuters' choices in driving and taking public transportation to work in District of Columbia

People living near boarders of D.C. tend to drive more.

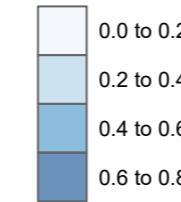
Percent of commuters who drive to work in DC



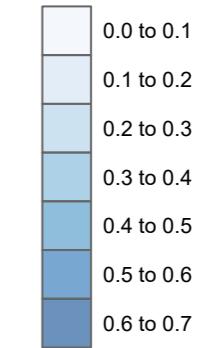
Percent of commuters who take public transportation to work in DC



Percent of driving

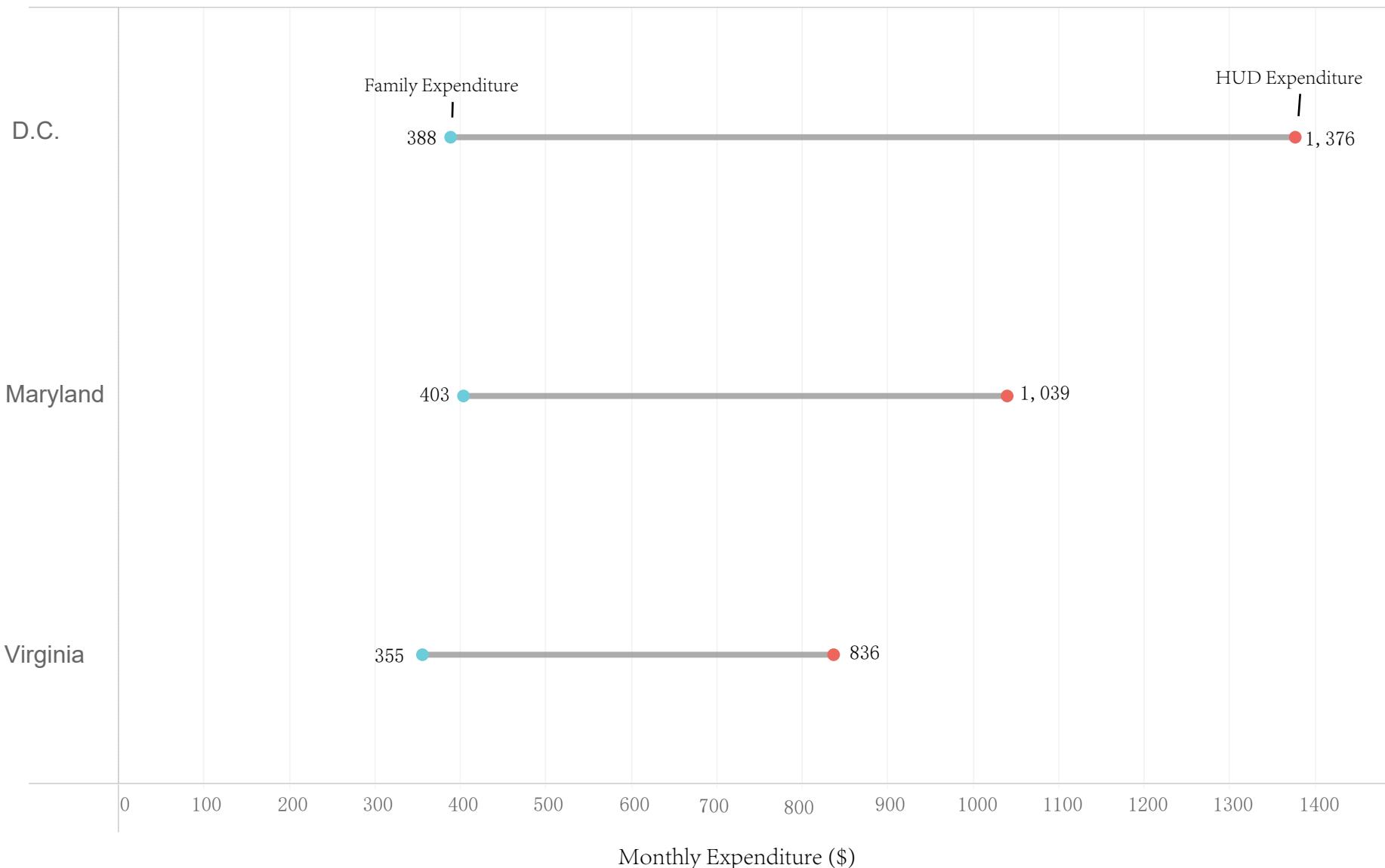


Percent of public transportation



A comparison of average family housing expenditure per month and average federal spending per month for subsidized households participated in assisted housing programs in District of Columbia, Maryland, and Virginia.

All Housing and Urban Development (HUD) programs were counted in the expenditure. Average monthly HUD expenditure in DC is more than the HUD expenditure in MD and VA. Family expenditure in three region are about the same.

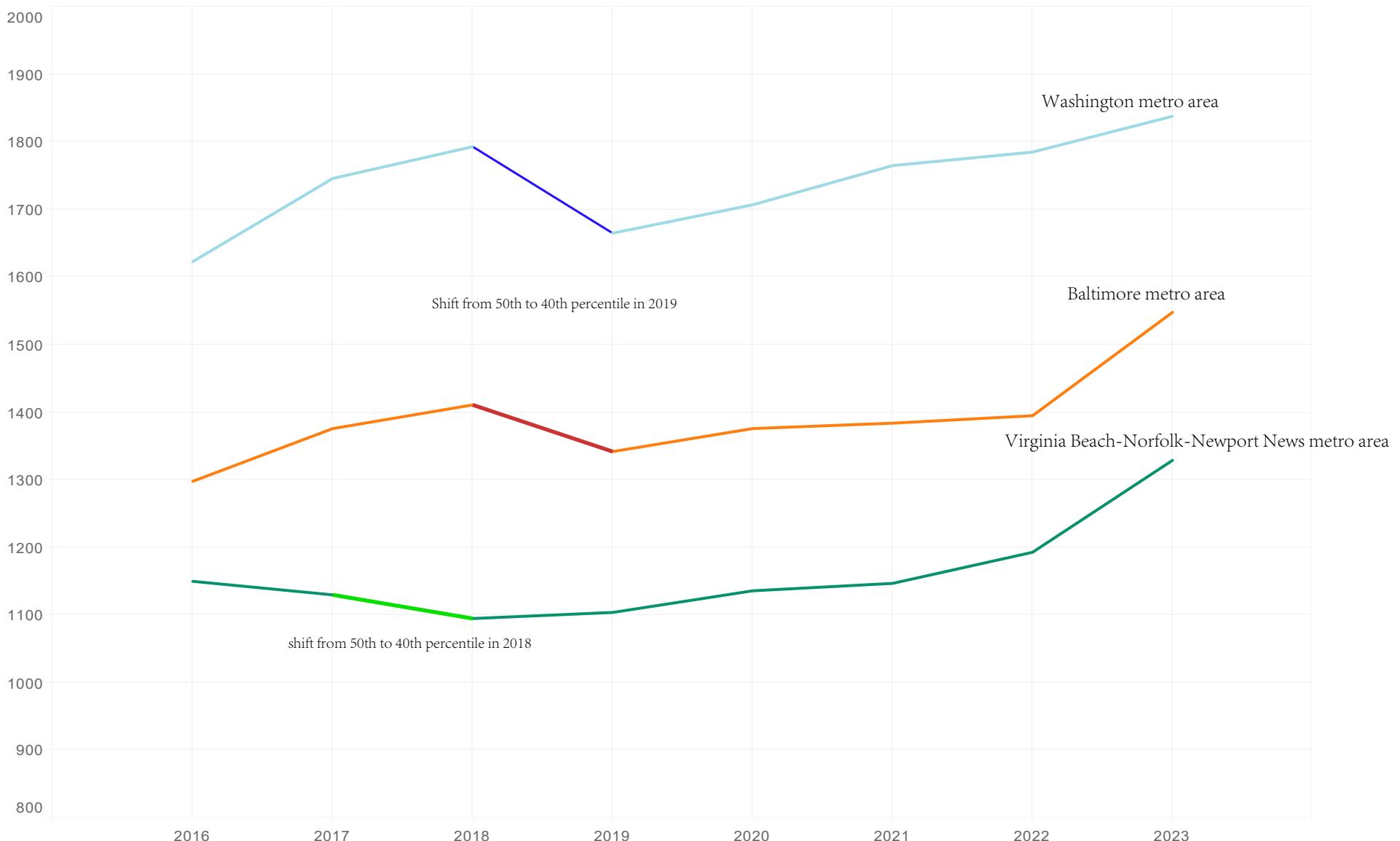


Source: U.S. Department of Housing and Urban Department, Assisted Housing

Fair markets rents (FMR) in Washington, Baltimore, and Virginia Beach-Norfolk-Newport News metropolitan areas from 2016 to 2023.

Fair market rents are calculated by the U.S. Department of Housing and Urban Development and used as standards for many housing programs.

Monthly FMR(\$)



Source: The U.S. Department of Housing and Urban Development