

## DEMOGRAPHIC AND TREND ANALYSIS

### OVERVIEW

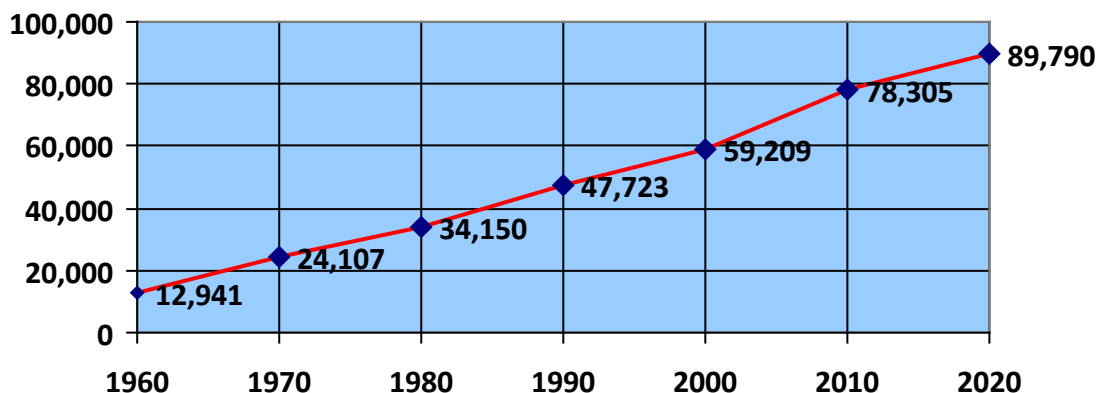
Demographic information is an important component in planning for future needs and services of the community. It is important to understand the state of the county today, what has shaped it through the years, and how it is likely to change over time. Demographic data is gathered from a range of Federal, State and local agencies. While the U.S. decennial census is the best-known survey method, the American Community Survey (ACS) and the Weldon Cooper Center for Public Service at the University of Virginia (Weldon Cooper Center) are also significant resources. The ACS is an ongoing nationwide survey conducted by the U.S. Census Bureau that collects annual data such as age, sex, race, family and relationships, income, and housing for jurisdictions with population above 65,000. The Weldon Cooper Center develops and releases the official population estimates for Virginia, its counties, and independent cities every year between decennial censuses.

This section provides general information regarding historical, current, and projected populations, income, education, age, and diversity.

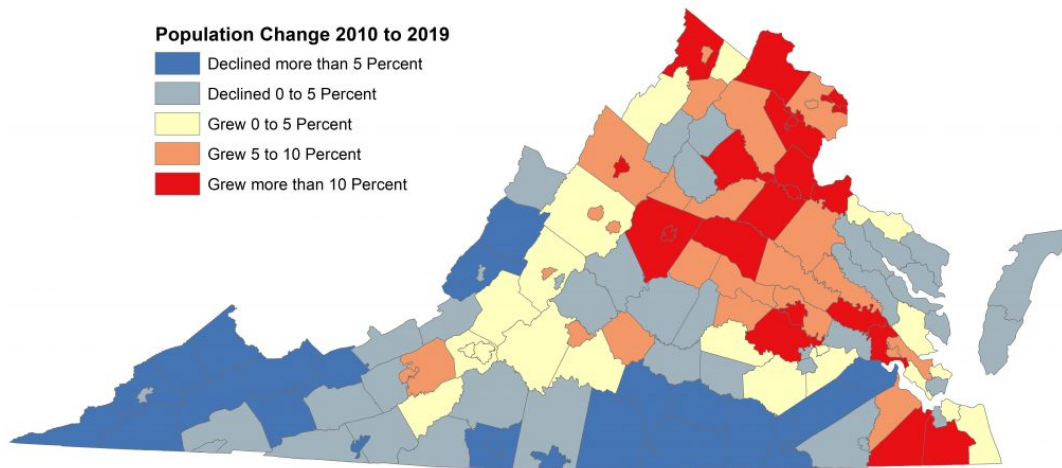
### HISTORICAL POPULATION

Over the past three decades, Frederick County has experienced significant population growth. Between 1980 and 1990, the County saw a 40 percent increase in its population. Between 1990-2000 and 2000-2010, the County’s population continued to grow but at a slower rate of 24% and 32% respectively. Since 2010 Frederick County has grown by 14.7 percent, more than double the state average growth of 7.3 percent for the same period.

**Frederick County Population by Decade 1960-2020**



Source: Weldon Cooper Center for Public Service: July 1, 2020 Population Estimates for Virginia and its Counties and Cities (January 29, 2021)

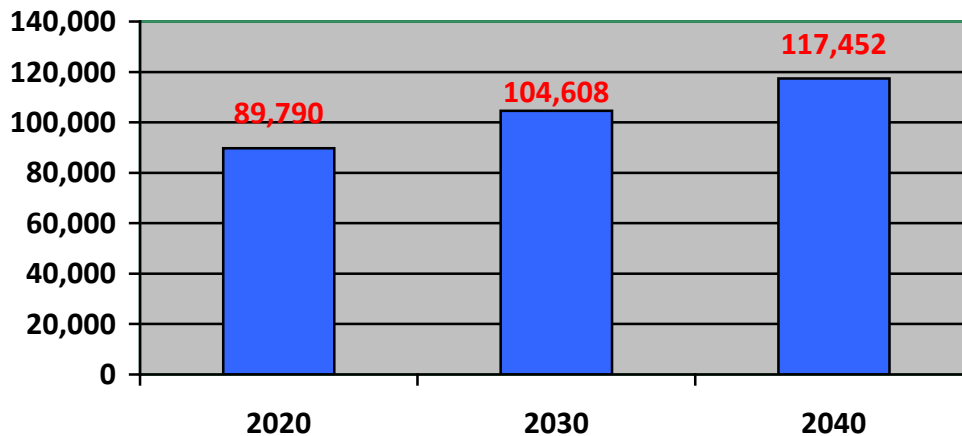


Source: 2010 Decennial Census and 2019 Weldon Cooper Center County and City Population Estimates

**POPULATION ESTIMATES**

The 2020 population estimated for the County is approximately 89,790 persons. Future projected growth, as shown by the Weldon Cooper Center for Public Service, shows an estimated increase of 16 percent from 2020 to 2030, and 12 percent from 2030 to 2040. This trend is shown in the following graph.

**Population Projections 2020-2040**



Source: Weldon Cooper Center for Public Service, \*2030 & 2040 Population Projections (2019)  
 Weldon Cooper Center for Public Service: July 1, 2020 Population Estimates for Virginia and its Counties and Cities (January 29, 2021)

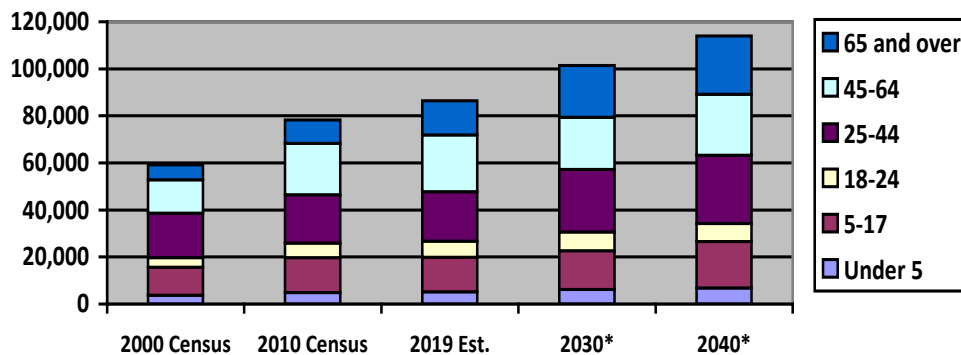
**AGE GROUPS – TRENDS AND PROJECTIONS**

An important trend to note is the increasing age of people living in Frederick County. Between 2000 and 2020, the median age has increased from 36 to 40.7. Overall, Frederick County’s population is slightly older than the state (38.5) and the country (38.1).

As the median age rose, the percentage of the population in the older age groups has also increased. The population of individuals in Frederick County 65 and over is projected to continue increasing at a much higher percentage than other age groups. This age group increased 58 percent from 2000 to 2010 and 46 percent from 2010 to 2019. The population under the age of 18, while increasing by 26 percent from 2000 to 2010 is estimated to have a substantially smaller increase from 2010-2019 of only 1.4 percent. The percentage increase for the major workforce age group, 25-44, has also seen a significant slowing with only a 2.3 percent increase estimated from 2010 to 2019. The fact further emphasizes the need to analyze our regional labor force market to meet future employment needs including job retention and job recruitment for this age group. These trends are further shown in the table and graph below. It should be noted that the 2019 figures are derived from the 2019 American Community Study (US Census, 5-year data) and more accurate data will be shown in the 2020 Census.

Population Distribution: Frederick County					
Age Groups				Percent Change	Percent Change
	2000 Census	2010 Census	2019 ACS 5 yr. Estimate	2000 to 2010	2010 to 2019
0 - 4	6.4%	6.3%	6.0%	29.9%	3.6%
5 -17	19.8%	18.8%	17.1%	24.8%	.6%
18-24	7%	7.9%	7.8%	48.4%	9.8%
25-44	31.8%	26.3%	24.4%	9.3%	2.3%
45-64	24.1%	28%	27.9%	53.3%	13.3%
65 and over	10.6%	12.7%	16.8%	57.9%	45.8%
Median Age	36.7	39.1	40.7		

Population by Age Group

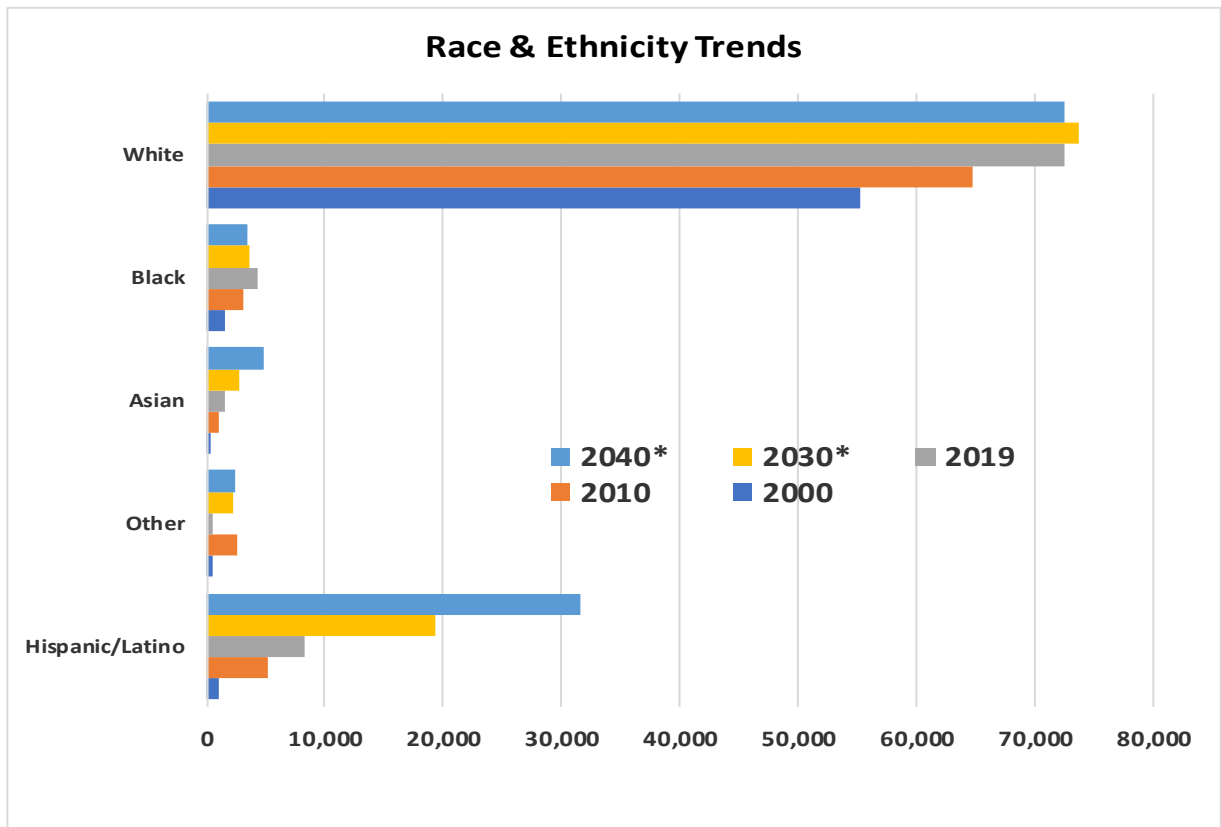


Source: \*Weldon Cooper Center for Public Service, 2019 Population Estimates: Age and Sex (Virginia Localities)  
 \*American Community Survey, Demographic and Housing Estimates, 5-year estimates, U.S. Census Bureau.

**RACE AND ETHNICITY**

Frederick County’s population has become more diverse since 2010. As of 2019, the County’s population was primarily white (82.3% not including individuals of Hispanic origin) and there was an almost equal proportion of males and females. It should be noted that the Hispanic/Latino group has seen a 61 percent increase from 2010 to 2020. This group is projected to continue increasing at a higher rate than other groups.

The following summarizes ethnicity characteristics from 2000, 2010, estimated figures for 2019 and projected increases for 2030 and 2040.



Source: 2019 American Community Survey 5-year estimates, U.S. Census Bureau.  
 (The category "Other" includes American Indian and Alaskan Natives, Native Hawaiian and Other Pacific Islander)  
 \*2030 & 2040 Weldon Cooper Center for Public Service Projections, 2019 Estimates by Race

**EDUCATION**

The following chart depicts the percentage of Frederick County’s residents 25 years or older by their highest educational achievement, compared to surrounding counties and the State as a whole.

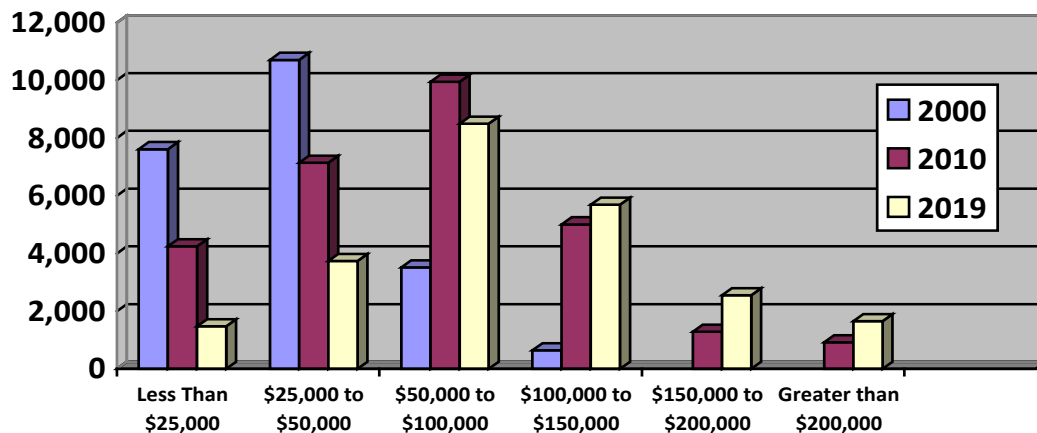
2019 ESTIMATES	FREDERICK COUNTY	CLARKE COUNTY	WARREN COUNTY	SHENANDOAH COUNTY	STATE OF VIRGINIA
Less than 9th Grade	4%	4.8%	3.3%	4.9%	4.1%
9th - 12th no diploma	6.8%	6.1%	9.8%	8.1%	6.2%
High School Graduate	32.4%	29.6%	35.9%	37.9%	24%
Some College	19.7%	18%	22.1%	20.3%	19.2%
Associate degree	8.9%	9.3%	7.2%	8.3%	7.8%
Bachelor's Degree	16.2%	17.3%	15.1%	14%	22%
Graduate/Professional Degree	12%	14.8%	6.7%	6.6%	16.8%

Source: 2019 American Community Survey 5-year estimates, U.S. Census Bureau

**INCOME CHARACTERISTICS**

Frederick County’s gross median household income is \$78,002 which exceeds that of the state at \$74,222. The current percentage breakdown for income in Frederick County shows that just over 11 percent of households earn less than \$25,000, 37 percent earn between \$25,000 and \$74,002. Over 37 percent of county households earn between \$75,000-\$149,00 per year and just over 15 percent earn more than \$150,000. Poverty is another important economic indicator to consider. As of 2019, Frederick County had a poverty rate of 4.3 percent, which is less than the state average of 7.1%.

**Income 2000-2019**



Source: 2010 and 2019 American Community Survey 5-year estimates, U.S. Census Bureau, 2000 Census