COVID-19 in Northern Virginia

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Northern Virginia COVID Cases by Race/Ethnicity

Cases by Race through October 19, 2020

Shares are calculated using only cases with a reported race.

- **Asian or Pacific Islander Non-Hispanic**: 7.8%
- **Black Non-Hispanic**: 15.1%
- **Native American Non-Hispanic**: 11.3%
- **Other Race Non-Hispanic**: 11.8%
- **Two or More Races Non-Hispanic**: 0.2%
- **White Non-Hispanic**: 50.4%
- **Hispanic**: 52.1%

Share of Cases by Race

Share of Population by Race
Northern Virginia COVID Hospitalizations by Race/Ethnicity

Hospitalizations by Race through October 19, 2020

Shares are calculated using only cases with a reported age.

- Asian or Pacific Islander Non-Hispanic: 9.3%
- Black Non-Hispanic: 15.1%
- Native American Non-Hispanic: 14.2%
- Other Race Non-Hispanic: 11.8%
- Two or More Races Non-Hispanic: 0.0%
- White Non-Hispanic: 50.4%
- Hispanic: 50.4%

Share of Hospitalizations by Race
Share of Population by Race
Northern Virginia COVID Deaths by Race/Ethnicity

Deaths by Race through October 19, 2020

Shares are calculated using only cases with a reported race.

- Asian or Pacific Islander Non-Hispanic
- Black Non-Hispanic
- Native American Non-Hispanic
- Other Race Non-Hispanic
- Two or More Races Non-Hispanic
- White Non-Hispanic
- Hispanic

- White Non-Hispanic: 51.8% (Share of Deaths by Race), 50.4% (Share of Population by Race)
- Hispanic: 20.0% (Share of Deaths by Race), 17.8% (Share of Population by Race)

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Northern Virginia COVID Cases by Race/Ethnicity
CDC Social Vulnerability Index

• Social vulnerability measures an area's resilience to:
  • Disease outbreaks
  • Human nature such as natural or man-made disasters

• SVI indicates the relative social vulnerability of every census tract

• Tool for governments and non-profits to identify communities that are most vulnerable and may need support.
# CDC Social Vulnerability Index

<table>
<thead>
<tr>
<th>Socioeconomic Status</th>
<th>Household Composition/Disability</th>
<th>Race/Ethnicity/Language</th>
<th>Housing/Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poverty</td>
<td>Aged 65 and Over</td>
<td>Minority</td>
<td>Multi-Unit Structures</td>
</tr>
<tr>
<td>Unemployed</td>
<td>Aged 17 and Younger</td>
<td>English Language</td>
<td>Mobile Homes</td>
</tr>
<tr>
<td>Per Capita Income</td>
<td>Single-parent Household</td>
<td>Speaking Ability</td>
<td>Crowding</td>
</tr>
<tr>
<td>No High School Diploma</td>
<td>Aged 5 and over with a Disability</td>
<td></td>
<td>No Vehicle</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Group Quarters</td>
</tr>
</tbody>
</table>
Overall Social Vulnerability Index

Click Here for Interactive Map

Virginia Social Vulnerability Demographics for Coronavirus (COVID-19) Service Planning

- This map visualizes the 2018 overall social vulnerability for Virginia census tracts. The state’s census tracts are ranked only against other tracts in the state. The higher the rank the more vulnerable the population.

- 15 social factors are grouped into four major themes and are used to determine the overall rank of every tract. These factors include data on education, family characteristics, housing, language ability, ethnicity, vehicle access, and economics. A comprehensive assessment of all these factors is provide by by combining all 15 factors into an Overall Social Vulnerability Index.
  
  - Socioeconomic Status Theme: Poverty, Unemployed, Per Capita Income, No High School Diploma.
  - Race/Ethnicity/Language Theme: Minority, English Language Ability.
  - Housing/Transportation Theme: Multi-unit, Mobile Homes, Crowding, No Vehicle, Group Quarters.

- The index and demographic data for the four themes can be viewed by clicking on an area of interest. The demographic data is sourced from the U.S. Census Bureau, 2014-2018 American Community Survey, 5-Year Estimates.

For more information on the CDC Social Vulnerability Index (SVI): [https://svi.cdc.gov/index.html](https://svi.cdc.gov/index.html)

Map created by Northern Virginia Regional Commission. If you have questions please contact the Northern Virginia Regional Commission

NOVA County/City

Overall Social Vulnerability Index

- High: 0.75000 - 1.00000
- Moderately High: 0.50000 - 0.75000
- Moderately Low: 0.25000 - 0.50000
- Low: 0.00000 - 0.25000

Overall Social Vulnerability Score: 0.8625

Possible scores range from 0 (least vulnerability) to 1 (highest vulnerability). A score of 0.8625 indicates a high level of vulnerability compared to other Virginia census tracts.
Northern Virginia Coronavirus Case Rates as of October 19, 2020

The Northern Virginia region (planning district) includes the counties of Arlington, Fairfax, Loudoun, and Prince William and the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park. Coronavirus case data and zip code boundaries represent zip code tabulation areas derived from US Census boundaries, rather than Census Bureau zip code tabulation areas that are derived from Census block. Coronavirus case data is sourced from the Virginia Department of Health. Produced by Northern Virginia Regional Commission.
Correlation of COVID Cases: Social Vulnerability, Hispanic/Latinos, and Foreign Born

Southern Part of Region Social Vulnerability Index

As of October 19, 49 out of 55 NOVA census tracts with high social vulnerability indexes (purple shaded areas) were in the top 20 zip codes for highest case rates (cases per 10,000).
NOVA Region Dashboard

https://www.novaregiondashboard.com/

For More Information and Continual Updates of NOVA Demographics Go To the Interactive Dashboard