



# Risk for COVID-19 Infection, Hospitalization, and Death By Race/Ethnicity

Updated June 24, 2022

Rate ratios compared to White, Non-Hispanic persons	American Indian or Alaska Native, Non-Hispanic persons	Asian, Non-Hispanic persons	Black or African American, Non-Hispanic persons	Hispanic or Latino persons
Cases <sup>1</sup>	1.5x	0.8x	1.1x	1.5x
Hospitalization <sup>2</sup>	3.0x	0.8x	2.3x	2.2x
Death <sup>3,4</sup>	2.1x	0.8x	1.7x	1.8x

Race and ethnicity are risk markers for other underlying conditions that affect health, including socioeconomic status, access to health care, and exposure to the virus related to occupation, e.g., frontline, essential, and critical infrastructure workers.

Note: Adjusting by age is important because risk of infection, hospitalization, and death is different by age, and age distribution differs by racial and ethnic group. If the effect of age is not accounted for, racial and ethnic disparities can be underestimated or overestimated.

## Footnotes

<sup>1</sup> Data Source: Data reported by state and territorial jurisdictions (accessed June 22, 2022). Numbers are ratios of age-adjusted rates standardized to the 2019 U.S. intercensal population estimate. Calculations use only the 66% of case reports that have race and ethnicity; this can result in inaccurate estimates of the relative risk among groups.

<sup>2</sup> Data source: [COVID-NET](#) (March 1, 2020 through June 11, 2022). Numbers are ratios of age-adjusted rates standardized to the 2020 US standard COVID-NET catchment population. Starting the week ending 12/4/2021, Maryland temporarily halted data transmission of COVID-19 associated hospitalizations, impacting COVID-NET age-adjusted and cumulative rate calculations. Hospitalization rates are likely underestimated ([link](#)). As of June 11, 2022, this situation remains unchanged.

<sup>3</sup> Data Source: National Center for Health Statistics provisional death counts (<https://data.cdc.gov/NCHS/Provisional-Death-Counts-for-Coronavirus-Disease-C/pj7m-y5uh>, data through May 29, 2022). Numbers are ratios of age-adjusted rates standardized to the 2019 U.S. intercensal population estimate.

<sup>4</sup> Data on COVID-19 deaths comes from the National Vital Statistics System (NVSS). The NVSS COVID-19 surveillance webpages and data file updates are paused between June 6, 2022 through June 21, 2022. COVID-19 data updates are expected to resume on June 22, 2022.