



COVID-19

Risk for COVID-19 Infection, Hospitalization, and Death By Age Group

Updated Feb. 18, 2021 [Print](#)

Rate ratios compared to 5–17 year olds¹

	0—4 years	5—17 years	18—29 years	30—39 years	40—49 years	50—64 years	65—74 years	75—84 years	85+ years
Cases²	<1x	Reference group	3x	2x	2x	2x	2x	2x	2x
Hospitalization³	2x	Reference group	7x	10x	15x	25x	35x	55x	80x
Death⁴	2x	Reference group	15x	45x	130x	400x	1100x	2800x	7900x

All rates are relative to the 5—17-year age category. Sample interpretation: Compared with 5—17-year-olds, the rate of death is 45 times higher in 30—39-year-olds and 7,900 times higher in 85+-year-olds. Compared with 18—29-year-olds, the rate of hospitalization is 8 times higher in 75—84-year-olds (55 divided by 7 equals 7.9).

How to slow the spread of COVID–19



Wear a mask



Stay 6 feet apart



Avoid crowds and
poorly ventilated
spaces



Wash your hands

¹ Rates are expressed as whole numbers, with values less than 10 rounded to the nearest integer, two-digit numbers rounded to nearest multiple of five, and numbers greater than 100 rounded to two significant digits.

² Includes all cases reported by state and territorial jurisdictions (accessed 1/7/2021). The denominators used to calculate rates are based on the 2019 Vintage population.

³ Includes all hospitalizations reported through COVID-NET (<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covid-net/purpose-methods.html>, from 3/01/2020 through 1/2/2021). Rates are standardized to the 2019 US standard COVID-NET catchment population.

⁴ Includes all deaths in NCHS provisional death counts (<https://data.cdc.gov/NCHS/Deaths-involving-coronavirus-disease-2019-COVID-19/ks3g-spdg>, accessed 1/7/2020).

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