

COVID-19 Cases Among Children and Youth in Washington

Washington State Department of Health

March 29, 2023



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NOTE: Beginning April 12, 2023, this report will be updated monthly instead of weekly.

The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.

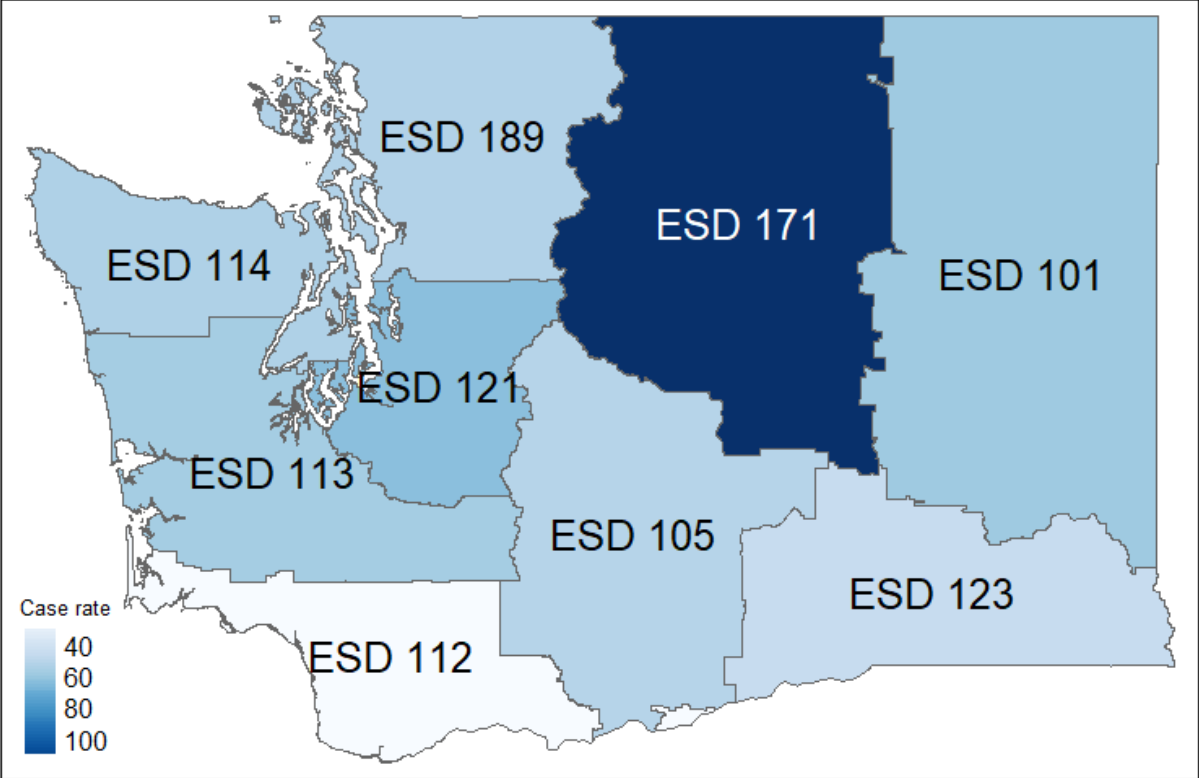
Key findings

- Among children and youth in Washington state from March 04, 2023 to March 18, 2023:
 - there were 1,061 cases (56.3 cases per 100,000 population);
 - case rates are increasing;
 - the highest case rates were in ESD 171 Washington;
 - 0-3 year-olds had the highest case rates (105 cases per 100,000 population);
 - there were 28 hospitalizations (1.5 hospitalizations per 100,000 population);
 - hospitalization rates are decreasing.
- There have been a total of 23 deaths in all children and youth in Washington state reported January 1, 2021 to Mar 18, 2023

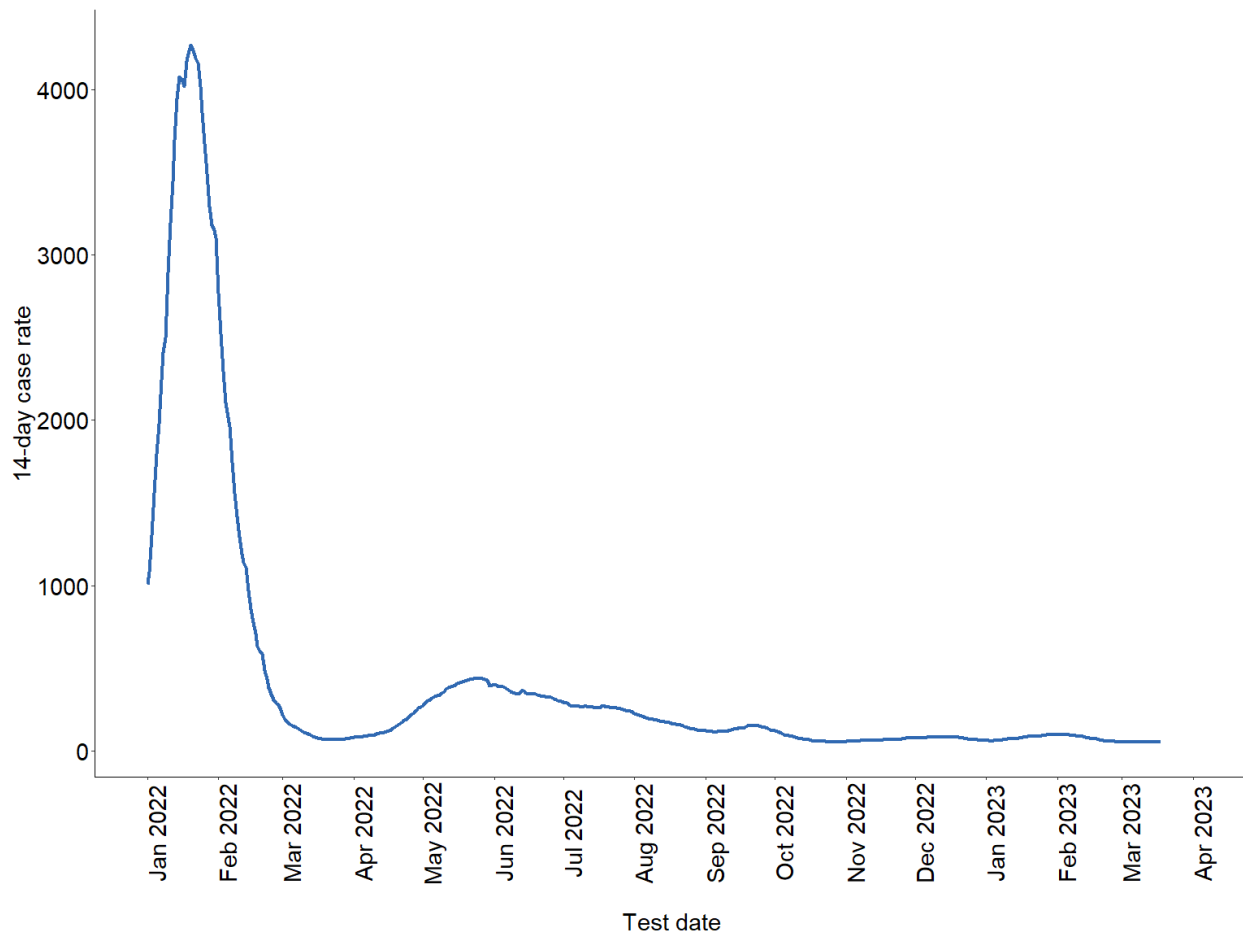
Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, March 04, 2023 - March 18, 2023

ESD	Population	Case count	Case rate
ESD 101	168,583	97	57.5
ESD 105	105,235	54	51.3
ESD 112	162,085	35	21.6
ESD 113	119,629	67	56.0
ESD 114	78,966	42	53.2
ESD 121	769,804	480	62.4
ESD 123	120,595	54	44.8
ESD 171	67,904	80	117.8
ESD 189	292,760	152	51.9
State total	1,885,561	1,061	56.3

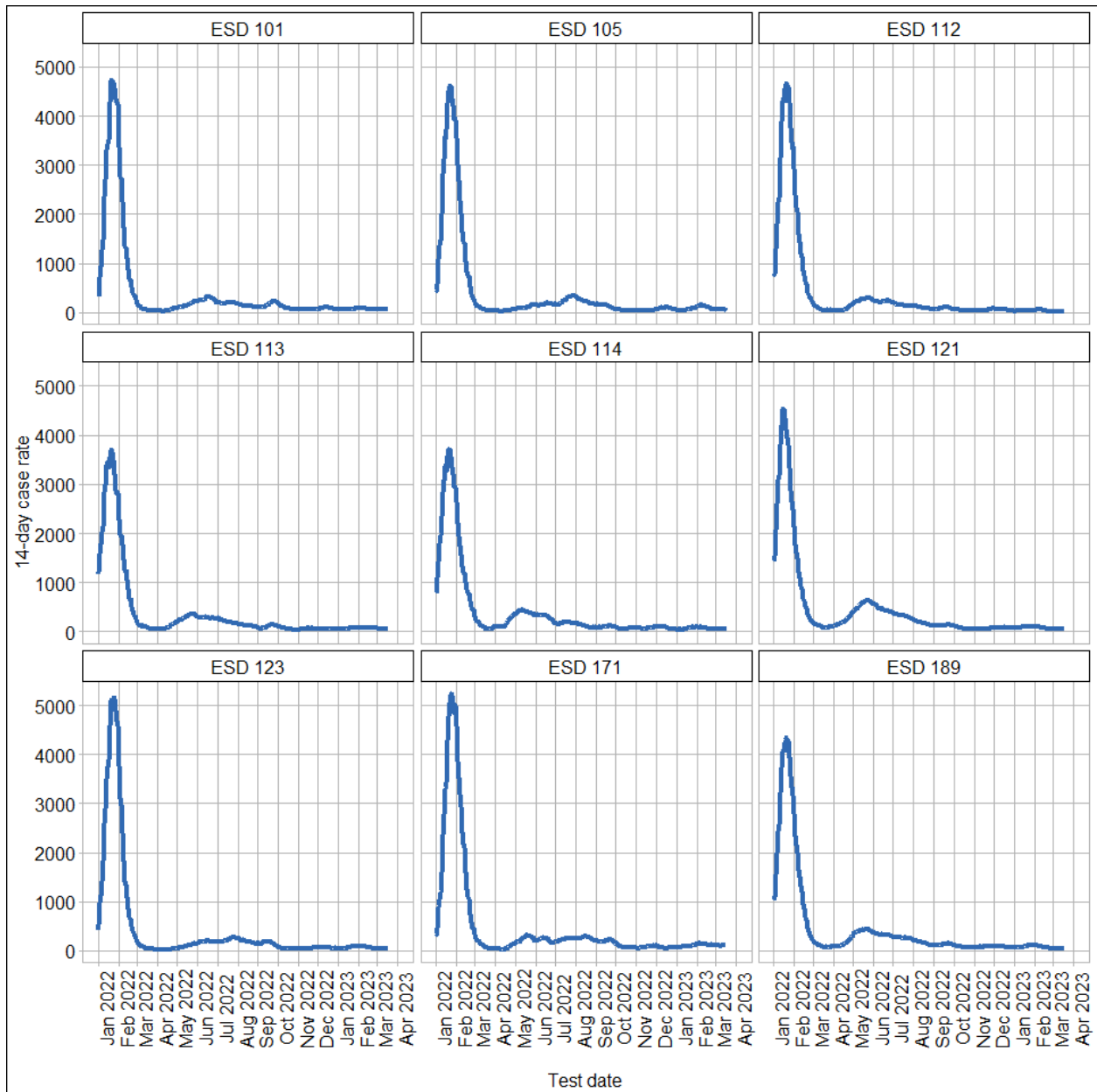
COVID-19 case rate per 100,000 population in all children and youth by ESD region, March 04, 2023 to March 18, 2023



14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2022 to Mar 18, 2023



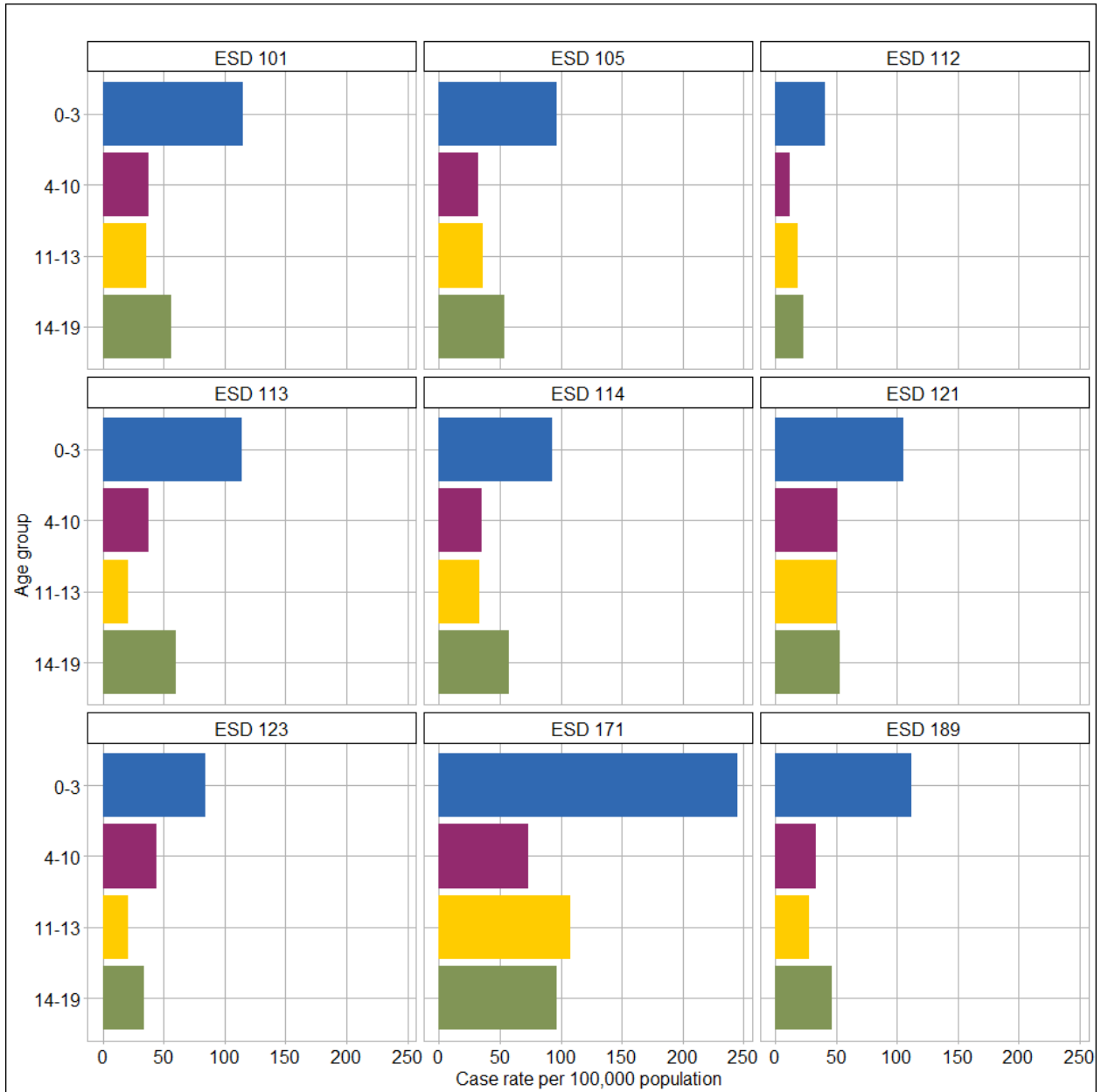
14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2022 to Mar 18, 2023



Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, March 04, 2023 - March 18, 2023

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	34	115.4	21	37.8	9	36.5	33	56.0
ESD 105	19	96.7	12	32.0	6	36.4	17	53.8
ESD 112	12	41.2	7	12.1	5	18.8	11	22.7
ESD 113	25	114.2	16	38.1	4	20.8	22	60.3
ESD 114	15	92.8	10	35.3	4	33.1	13	58.0
ESD 121	161	105.2	141	51.2	58	49.7	120	53.5
ESD 123	19	83.8	19	44.0	4	21.0	12	33.7
ESD 171	31	245.4	18	73.0	12	108.5	19	97.2
ESD 189	63	112.3	35	33.7	13	28.5	41	47.0
State total	379	105.0	279	41.7	115	39.4	288	51.0

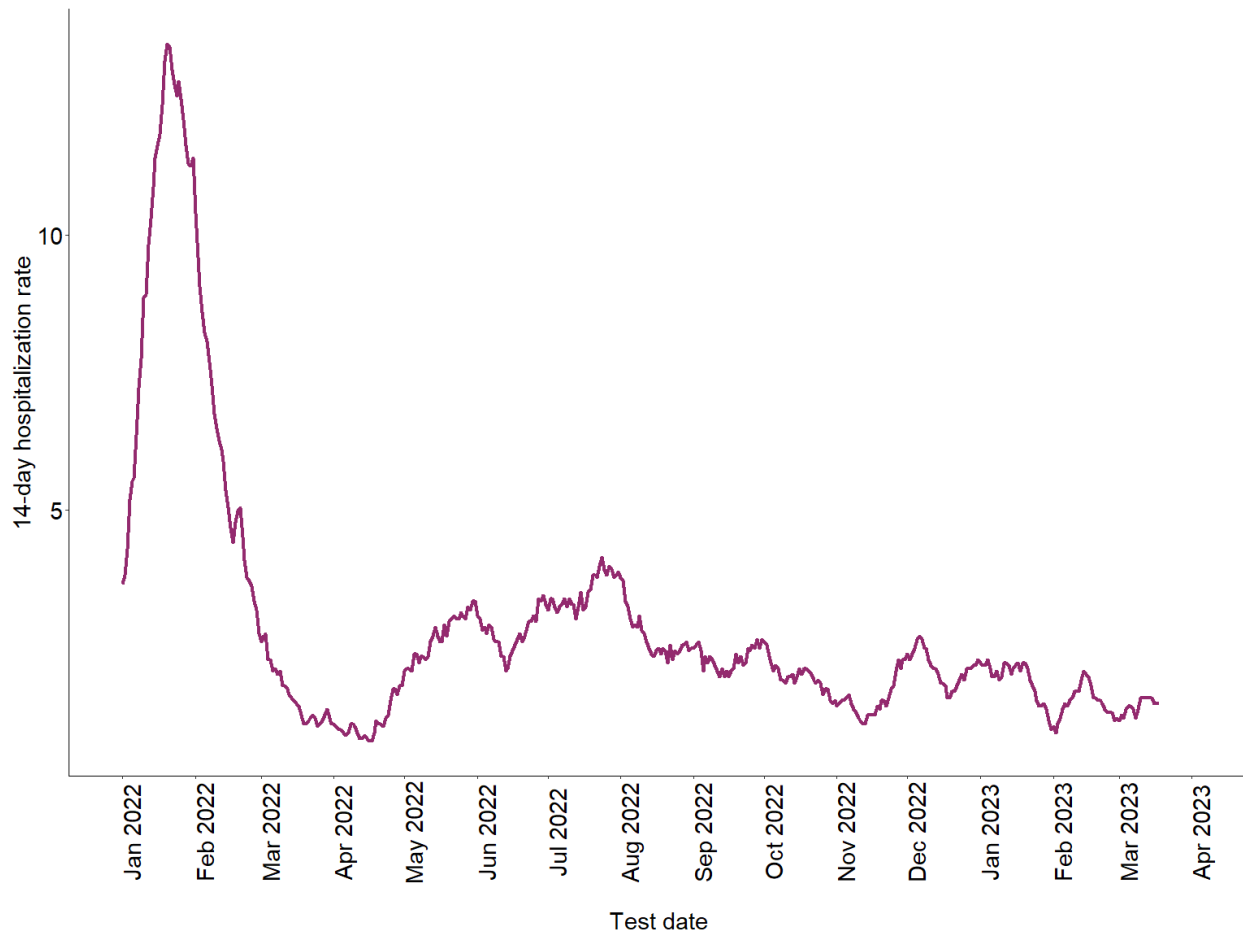
COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, March 04, 2023 - March 18, 2023



COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, March 04, 2023 - March 18, 2023

Population	Hospitalization count	Hospitalization rate
1,885,561	28	1.5

14-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2022 to Mar 18, 2023



Methods

Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 14-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 14 days of data, March 04, 2023 - March 18, 2023.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between March 04, 2023 - March 18, 2023. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

14-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 14-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 14-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on the Office of Financial Management's (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin.