

Children and COVID-19: State Data Report

A joint report from the American Academy of Pediatrics and the Children's Hospital Association

Summary of publicly reported data from 49 states, NYC, DC, PR, and GU

4/16/20-5/11/23

On May 11, 2023, the United States ended the Public Health Emergency (PHE) that was declared over three years ago to organize government resources and establish policies needed to respond to the COVID-19 pandemic.

After three years of weekly reporting on the number of child COVID-19 cases in the United States, the American Academy of Pediatrics (AAP) and the Children's Hospital Association (CHA) will be sunsetting the weekly state COVID-19 reports.

Origins of the report: The report was created in the early months of the COVID-19 pandemic to measure how COVID-19 was affecting children in the United States. The CDC had begun providing national data on COVID-19 cases, but timely, regular data on pediatric cases were not available. Thus, we turned to data provided by states and territories and began to collect information from their web sites for the most current pediatric data. By compiling this information we could track the number of child cases weekly, as well as provide publicly reported case numbers for children at the state level.

Over the past three years this report has provided a unique and valued resource to understand the impact of COVID-19 on children, and to understand trends in volume of cases and geography as COVID-19 variants emerged.

The data in the report have always been limited by variations in how states categorized and reported COVID-19 cases. Beginning in 2022, as home COVID-19 tests became widely available, an increasing portion of COVID-19 cases were likely unreported. In 2023 an increasing number of states reduced the frequency of reporting and updating cases. As the end of the PHE approached, these trends intensified, and many states announced their posts were ending.

We will continue to monitor COVID-19 with indicators that are available. However, given the decreasing access and reliability of data on the number of child COVID-19 infections, this weekly report was sunset May 11, 2023. We will continue disease surveillance as we do for other infectious diseases.



CHILDREN'S
HOSPITAL
ASSOCIATION

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



Appendix Table 3A: Child COVID-19 Case Data Available on 5/11/23*

Click location name to view original data source

Location	Age range	Child population, 2019	Cumulative child cases	Percent children of total cases	Cumulative total cases (all ages)	Cases per 100,000 children
Alabama[^]	0-17	1,088,668	53,350	12.1%	442,373	4900.5
Alaska^{!!}	0-19	196,852	75,267	25.3%	297,389	38235.3
Arizona	0-19	1,838,598	496,888	20.1%	2,474,154	27025.4
Arkansas	0-17	700,155	192,979	19.0%	1,013,152	27562.3
California	0-17	8,894,641	1,968,554	17.5%	11,253,052	22131.9
Colorado	0-19	1,407,971	338,373	19.0%	1,782,789	24032.7
Connecticut	0-19	735,193	200,169	20.4%	982,540	27226.7
Delaware[€]	0-17	203,572	66,661	20.0%	333,767	32745.7
District of Columbia⁺	0-19	149,337	28,761	21.4%	134,623	19259.1
Florida[*]	0-14	3,512,139	911,780	12.0%	7,573,895	25960.8
Georgia	0-17	2,503,881	379,265	16.1%	2,362,831	15147.1
Guam	0-19	57,727	15,571	25.3%	61,512	26973.5
Hawaii[◇]	0-17	299,868	28,650	19.2%	149,458	9554.2
Idaho	0-17	448,201	72,417	13.8%	526,118	16157.3
Illinois	0-19	3,145,309	876,515	21.2%	4,136,659	27867.4
Indiana	0-19	1,755,070	381,022	18.4%	2,076,326	21709.8
Iowa[±]	0-17	726,841	161,800	15.3%	1,058,274	22260.7
Kansas	0-17	700,250	172,458	18.2%	945,923	24628.1
Kentucky[≡]	0-19	1,118,934	368,329	21.5%	1,713,220	32917.8
Louisiana	0-17	1,087,630	290,581	18.2%	1,600,610	26716.9
Maine	0-19	281,158	74,077	22.9%	322,981	26347.1
Maryland	0-19	1,489,721	294,240	21.3%	1,379,385	19751.3
Massachusetts[#]	0-19	1,558,231	340,899	16.7%	2,037,701	21877.3
Michigan	0-19	2,407,690	587,290	18.9%	3,106,362	24392.3
Minnesota[□]	0-19	1,445,346	340,379	21.9%	1,552,840	23550.0
Mississippi[▲]	0-17	698,583	150,234	19.0%	792,129	21505.5
Missouri	0-17	1,370,585	207,095	14.2%	1,457,729	15110.0

* Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change

[^] As of 8/5/21, due to available data and changes made to dashboard, AL cumulative cases through 7/29/21

^{!!} On 5/11/23, due to available data, AK cumulative child cases and total cases through 5/4/23

+ As of 3/10/22, due to data available, DC cumulative child cases through 3/3/22

[€] As of 4/6/23, due to data revisions and available data, DE reported large increase in cumulative child cases (n=6,645). These were added into this report over next several weeks (290 child cases added on 5/11/23)

• As of 6/24/21, due to change in available data for FL, calculation required to obtain child cases data for 0-14 years; As of 3/17/2022, available case and death data updated biweekly;

As of 6/9/22, due to available data for FL (case data updated every other week), child and total cases averaged across 2 week period accordingly;

[◇] As of 1/20/22, due to data available, HI cumulative child cases and cumulative cases for all ages through 1/13/22

[±] As of 4/6/23, due to change in available data, IA cumulative child cases and total cases through 3/30/23

[≡] As of 3/16/23, due to change in available data, KY cumulative child cases and total cases through 3/2/23

[#] As of 9/3/20, MA changed reporting from total child cases to cases added in last two weeks; 5/11/23 totals calculated using MA Dept. of Public Health COVID-19 Dashboard published 5/11/23 (data from 4/23/23-5/6/23) and 4/20/23 version of this report;

Due to available data and calculations required to obtain MA child cases, weekly estimates fluctuate (eg, on 5/4/23, child cases through 4/20/23)

[□] As of 7/7/22, due to available data, MN cumulative cases and total cases through 6/30/22

[▲] As of 3/17/22, due to data available, MS cumulative cases through 3/10/22

Appendix Table 3B: Child COVID-19 Case Data Available on 5/11/23*

Click location name to view original data source

Location	Age range	Child population, 2019	Cumulative child cases	Percent children of total cases	Cumulative total cases (all ages)	Cases per 100,000 children
Montana	0-19	254,416	59,260	17.8%	333,758	23292.6
Nebraska[■]	0-19	760,272	95,041	19.7%	481,424	12501.0
Nevada	0-19	688,997	136,600	16.5%	827,928	19825.9
New Hampshire	0-19	291,038	91,732	24.0%	382,013	31518.9
New Jersey	0-17	1,938,578	436,756	17.0%	2,569,684	22529.7
New Mexico	0-19	531,712	148,338	21.8%	681,379	27898.2
North Carolina	0-17	2,300,715	595,099	17.0%	3,501,404	25865.8
North Dakota	0-19	200,777	56,905	19.5%	291,093	28342.4
NYC	0-17	1,726,900	419,986	15.4%	2,732,913	24320.2
Ohio[▮]	0-19	2,886,873	603,755	17.6%	3,421,608	20913.8
Oklahoma[▮]	0-17	952,238	190,443	14.6%	1,306,350	19999.5
Oregon⁺	0-19	965,480	186,998	19.2%	974,924	19368.4
Pennsylvania	0-19	2,801,187	646,007	18.1%	3,559,331	23061.9
Puerto Rico[≈]	0-19	594,011	176,060	15.7%	1,118,771	29639.2
Rhode Island	0-18	220,525	94,013	21.3%	441,326	42631.4
South Carolina[«]	0-20	1,314,988	361,197	24.5%	1,474,272	27467.7
South Dakota	0-19	240,567	52,018	18.4%	282,895	21623.1
Tennessee	0-20	1,762,659	565,429	22.3%	2,540,984	32078.2
Texas[^]	0-19	8,210,585	7,754 (1,411,529)	7.8% (21.1%)	99,989 (6,676,642)	-- (17191.6)
Utah	0-14	774,764	147,392	13.4%	1,097,560	19024.1
Vermont	0-19	134,415	38,176	24.5%	155,559	28401.6
Virginia^{>}	0-19	2,087,426	456,197	20.2%	2,259,491	21854.5
Washington	0-17	1,840,306	377,343	19.3%	1,957,535	20504.4
West Virginia	0-20	402,473	138,672	21.3%	650,556	34455.0
Wisconsin[♦]	0-19	1,422,095	415,172	20.5%	2,026,134	29194.4
Wyoming	0-18	140,694	24,132	16.6%	145,149	17152.1

* Note: Data represent cumulative counts since states began reporting. All data reported by state/local health departments are preliminary and subject to change

■ As of 5/19/22, due to available data, NE cumulative child cases and total cases through 5/12/22

= On 5/11/23, due to available data, OH cumulative child cases and total cases through 3/30/23

▮ On 5/11/23, due to available data, OK cumulative child cases and total cases through 5/4/23

≈ On 5/11/23, due to available data, PR cumulative child cases and total cases through 5/4/23

« As of 5/5/22, due to available data, SC cumulative child cases and total cases through 4/28/22

> As of 2/23/23, due to change in available data, VA cumulative child cases and total cases through 2/2/23

♦ As of 5/4/23, due to available data, WI cumulative child cases and total cases through 4/20/23

+ On 5/11/23, OR cumulative child cases and total cases through 5/4/23; As of 1/26/23, due to available data for OR (child case data updated quarterly), and as of 10/6/22, (child case data updated monthly), calculations are required for child cases and weekly estimates fluctuate

^ Texas previously reported age for only 2% of total confirmed cases and these cumulative cases through 8/26/21 are included (7,754); Cases per 100,000 children omitted for Texas; Data for Texas in this report is limited to the case count for which age is provided through 8/26/21;

As of 1/14/22, TX released new data that is NOT included in cumulative case counts or figures but reported above in parentheses (eg, 1,411,529 cumulative child cases as of 4/15/23)

> As of 2/23/23, due to change in available data, VA cumulative child cases and total cases through 2/2/23

♦ As of 5/4/23, due to available data, WI cumulative child cases and total cases through 4/20/23