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

Version: 11/25/21

* Note: The numbers in this report represent cumulative counts since states began reporting. The data are based on how public agencies collect, categorize and post information. All data reported by state/local health departments are preliminary and subject to change and reporting may change over time. Notably, in the summer of 2021, some states have revised cases counts previously reported, begun reporting less frequently, or dropped metrics previously reported. For example, due to several changes on their dashboards and the data currently available, AL, NE, and TX data in this report are not current (cumulative data through 7/29/21, 6/24/21, and 8/26/21 respectively). Readers should consider these factors. States may have additional information on their web sites.

Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21.

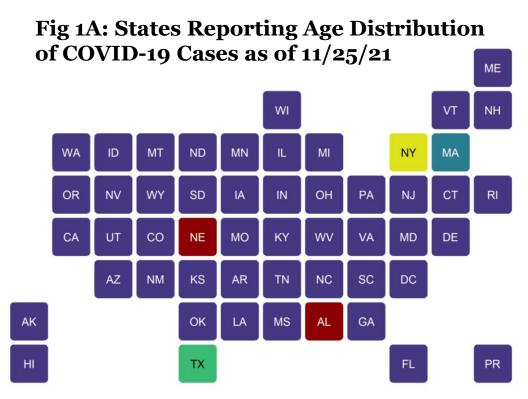
As of 11/11/21, we are no longer reporting testing data due to the low number of states reporting.





COVID-19: Available Data for Children

- State-level reports are the best publicly available data on COVID-19 cases in children
- Starting in June 2021, some states reported less frequently and dropped metrics previously reported as overall cases decreased
- This report summarizes what was available on 11/25/21
- 49 states, NYC, DC, Puerto Rico and Guam provided age distributions of reported COVID-19 cases
 - 24 states and NYC provided age distribution of hospitalizations
 - 45 states, NYC, PR and Guam provided age distribution of deaths



Reporting age distribution of COVID-19 cases:

- Yes: Reported age distribution of cases
- TX: Reported age distribution for only 3% of cases; Cases through 8/26
- NY: Only NYC reported age distribution of cases
- MA: Only reported age distribution of cases added in past 2 weeks
- NE: Cases through 6/24/21; AL: Cases through 7/29/21





Children and COVID-19: Data Limitations

General Limitations

- Format, content, and metrics of reported COVID-19 data differed substantially by state
- <u>Definition of "child":</u> Age ranges reported for children varied by state (0-14, 0-17, 0-18, 0-19, and 0-20 years; see Fig 1B)
- Unknown: Number of children infected but not tested and confirmed

Fig 1B: Child Age Ranges of COVID-19 Cases Reported by States as of 11/25/21



Child Age Range Reported (years):



State-Level Changes

- TX: Age distribution reported for only 3% of confirmed cases (99,989/3,572,590), resulting in an undercount of child cases; TX cumulative cases through 8/26/21
- NY: Did not provide age distribution for state-wide cases (NYC only)
- AL: As of 8/13/20, changed definition of child case from 0-24 to 0-17 years; as of 9/17/20, provided age distribution for confirmed cases only; as of 8/5/21, due to change in data available, AL child cases and deaths through 7/29/21
- HI: As of 8/27/20, changed definition of child case from 0-19 to 0-17 years
- MA: As of 9/3/20, revised definition of probable case, leading to a reduction in total case count, and changed reporting from total child cases to cases added in last two weeks
- RI: As of 9/10/20, changed definition of child case from 0-19 to 0-18 years
- MO: As of 10/1/20, changed definition of child cases from 0-19 to 0-17 years
- PR: As of 3/11/21, due to a change in data available, a calculation was required to obtain confirmed and probable child case totals, leading to a reduction in total child case count
- AK: On 6/17/21, did not report child hospitalizations or child deaths
- FL: As of 6/24/21, stopped reporting child hospitalizations; due to change in data available, calculation required to obtain child cases for 0-14 years
- NE: As of 6/30/21, COVID-19 dashboard is no longer available; NE child cases, hospitalizations, and deaths through 6/24/21
- LA: As of 8/5/21, changed reporting total cases and deaths from confirmed to confirmed and probable (combined)
- WV: As of 8/12/21, WV changed definition of child case from 0-19 to 0-20 years

See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU; Analysis by American Academy of Pediatrics and Children's Hospital Association; All data reported by state/local health departments are preliminary and subject to change





Children and COVID-19: 11/25/21 Summary of State-Level Data Provided in this Report[^]

Detail and links to state/local data sources provided in Appendix

Cumulative Number of Child COVID-19 Cases*

- 6,899,590 total child COVID-19 cases reported, and children represented 17.0% (6,899,590/40,497,291) of all cases
- Overall rate: 9,167 cases per 100,000 children in the population

Change in Child COVID-19 Cases*

- 131,828 child COVID-19 cases were reported the past week from 11/18/21-11/25/21 (6,767,762 to 6,899,590) and children represented 24.6% (131,828/535,597) of the weekly reported cases
- Over two weeks, 11/11/21-11/25/21, there was a 4% increase in the cumulated number of child COVID-19 cases (273,733 cases added (6,625,857 to 6,899,590))

Hospitalizations (24 states and NYC reported)*

Among states reporting, children ranged from 1.7%-4.0% of their total cumulated hospitalizations, and 0.1%-1.9% of all their child COVID-19 cases resulted in hospitalization

Mortality (45 states, NYC, PR and GU reported)*

- Among states reporting, children were 0.00%-0.24% of all COVID-19 deaths, and 6 states reported zero child deaths
- In states reporting, 0.00%-0.03% of all child COVID-19 cases resulted in death

See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU; Analysis by American Academy of Pediatrics and Children's Hospital Association

Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21 ^ As of 11/11/21, we are no longer reporting testing data due to the low number of states reporting





^{*} Note: The numbers in this summary represent cumulative counts since states began reporting. In this summary and full report, the data are based on how public agencies collect, categorize and post information. All data reported by state/local health departments are preliminary and subject to change and reporting may change over time. Notably, in the summer of 2021, some states have revised cases counts previously reported, begun reporting less frequently, or dropped metrics previously reported. For example, due to several changes on their dashboards and the data currently available, AL, NE, and TX data in this report are not current (cumulative data through 7/29/21, 6/24/21, and 8/26/21 respectively). Readers should consider these factors. States may have additional information on their web sites.

Fig 2. Cumulative Number of Child COVID-19 Cases: 11/25/21

- 6,899,590 total child COVID-19 cases (cumulative)
- Ten states reported 200,000+ child cases
- Three states reported fewer than 15,000 child cases

See detail in Appendix: Data from 48 states, NYC, DC, PR, and GU (TX excluded from figure)
All data reported by state/local health departments are preliminary and subject to change
Analysis by American Academy of Pediatrics and Children's Hospital Association
As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21
Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21



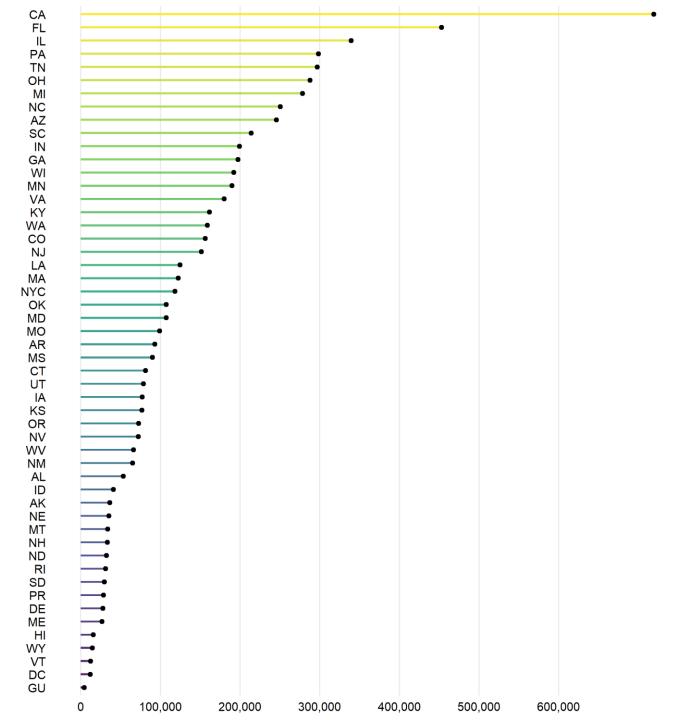


Fig 3. Percent of Cumulative COVID-19 Cases that were Children: 11/25/21

- Children represented 17.0% (6,899,590/40,497,291) of all available cases
- Thirteen states reported 20% or more of cumulated cases were children

See detail in Appendix: Data from 48 states, NYC, DC, PR, and GU (TX excluded from figure)
All data reported by state/local health departments are preliminary and subject to change
Analysis by American Academy of Pediatrics and Children's Hospital Association
As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21
Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21



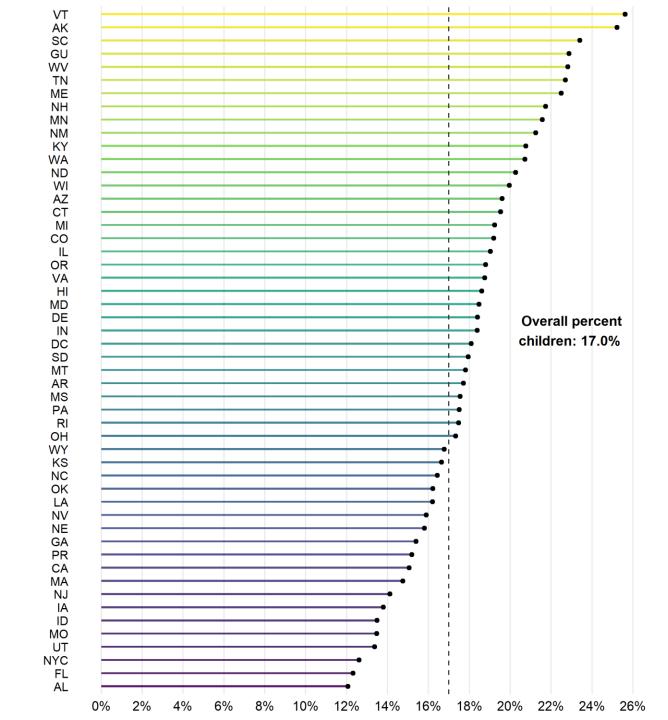


Fig 4. Cumulative COVID-19 Cases per 100,000 Children: 11/25/21

- Calculated using state-level population estimates from US Census Bureau (2019)*
- Overall rate: 9,167 child
 COVID-19 cases per 100,000
 children in the population
- Seventeen states reported more than 12,000 cases per 100,000

See detail in Appendix: Data from 48 states, NYC, DC, PR, and GU (TX excluded from figure)
All data reported by state/local health departments are preliminary and subject to change
Analysis by American Academy of Pediatrics and Children's Hospital Association
As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21
Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21
* Source: US Census Bureau, State Population by Characteristics: 2010-2019,
https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-detail.html



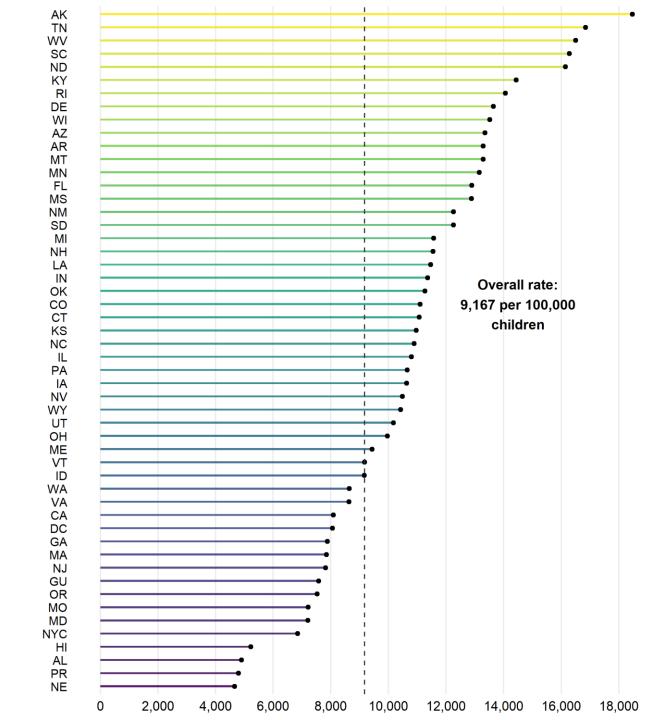


Fig 5. Cumulative Child COVID-19 Cases and Percent Increase in Child Cases

A. Cumulative Child COVID-19 Cases, 11/25/21

10 states with 200,000+ cumulative child cases



B. Percent Increase in Child Cases, 11/11/21-11/25/21

From 11/11-11/25, there were 273,733 child cases added (6,625,857 to 6,899,590; 4% increase)



Cumulative child COVID-19 cases (thousands)

Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21



Percent increase 0.0 2.5 5.0 7.5 10.0+

See detail in Appendix: Data from 48 states, NYC, DC, and PR (TX excluded from figures)

All data reported by state/local health departments are preliminary and subject to change; Analysis by American Academy of Pediatrics and Children's Hospital Association

As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21

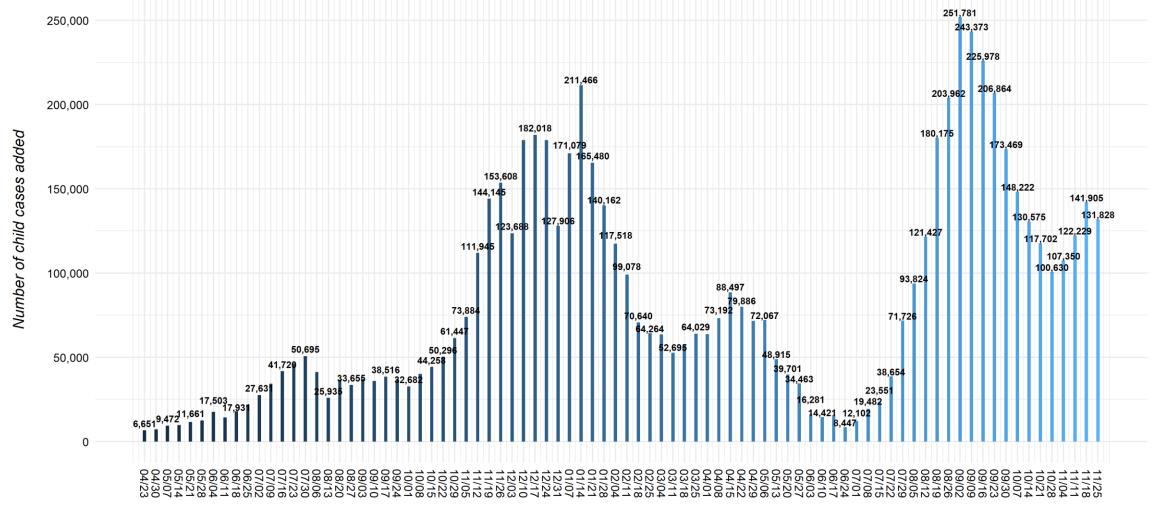
Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21

Due to available data, DC cumulative child cases through 11/18/21





Fig 6. United States: Number of Child COVID-19 Cases Added in Past Week*



Week ending in

TX reported age for only a small proportion of total cases each week (eg, 3-20%); TX cumulative cases through 8/26/21

As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21

Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21

Due to available data and calculations required to obtain MA child cases, weekly estimates fluctuate Due to available data, DC cumulative child cases through 11/18/21

Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21

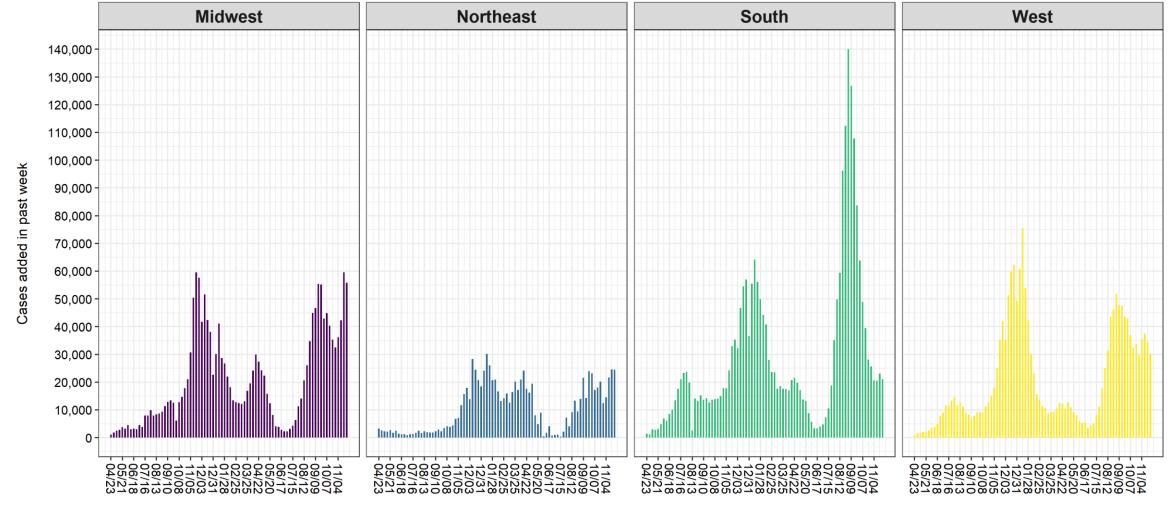
See detail in Appendix: Data from 49 states, NYC, DC, PR and GU





^{*} Note: 5 states changed their definition of child cases: AL as of 8/13/20, HI as of 8/27/20, RI as of 9/10/20, MO as of 10/1/20, WV as of 8/12/21

Fig 7. United States: Child COVID-19 Cases Added in Past Week, by Region*



^{*} Note: Regions are the US Census Regions

Week ending in

5 states changed their definition of child cases: AL as of 8/13/20, HI as of 8/27/20, RI as of 9/10/20, MO as of 10/1/20, WV as of 8/12/21; TX reported age for only a small proportion of total cases each week (eg, 3-20%); TX cumulative cases through 8/26/21

As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21 Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21

Due to available data and calculations required to obtain MA child cases, weekly estimates fluctuate

Due to available data, DC cumulative child cases through 11/18/21

Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21

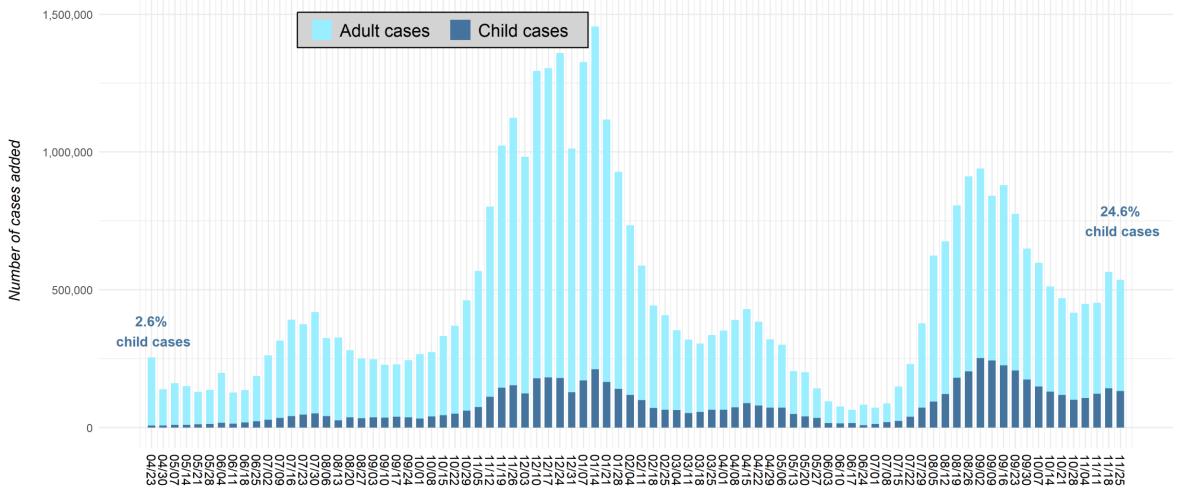
See detail in Appendix: Data from 49 states, NYC, DC, PR and GU

All data reported by state/local health departments are preliminary and subject to change; Analysis by American Academy of Pediatrics and Children's Hospital Association





Fig 8. United States: Number of COVID-19 Cases Added in Past Week for Children and Adults*



Week ending in

As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21 Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21

Due to available data and calculations required to obtain MA child cases, weekly estimates fluctuate

Due to available data, DC cumulative child cases through 11/18/21

Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21

See detail in Appendix: Data from 49 states, NYC, DC, PR and GU

All data reported by state/local health departments are preliminary and subject to change; Analysis by American Academy of Pediatrics and Children's Hospital Association





^{*} Note: 5 states changed their definition of child cases: AL as of 8/13/20, HI as of 8/27/20, RI as of 9/10/20, MO as of 10/1/20, WV as of 8/12/21;

TX reported age for only a small proportion of total cases each week (eg, 3-20%); TX cumulative cases through 8/26/21

Appendix Table 1: Case Data Available on 11/25/21

Summary data across the 49 states, NYC, DC, PR, and GU that provided age distribution of reported COVID-19 cases*

Child population, 2019	Cumulative total cases (all ages)	Cumulative child cases	Cumulative percent children of total cases	Cases per 100,000 children
75,266,842	40,497,291	6,899,590	17.0%	9166.8

* 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 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21

TX reported age for only a small proportion of total cases each week (eg, 3-20%); TX cumulative cases through 8/26/21

Due to available data and changes made to dashboard, AL cumulative cases through 7/29/21

Due to available data, DC cumulative cases through 11/18/21

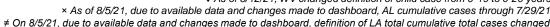
Due to the Thanksqiving holiday, most data included for 11/25/21 were posted by States on 11/24/21



Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
11/25/21	49 states, NYC, DC, PR and GU■+	40,497291	6,899,590	17.0%	9166.8
11/18/21	49 states, NYC, DC, PR and GU	39,961,694	6,767,762	16.9%	8991.7
11/11/21	49 states, NYC, DC, PR and GU#	39,397,035	6,625,857	16.8%	8803.2
11/4/21	49 states, NYC, DC, PR and GU	38,944,914	6,503,629	16.7%	8640.8
10/28/21	49 states, NYC, DC, PR and GU#	38,496,700	6,396,278	16.6%	8498.1
10/21/21	49 states, NYC, DC, PR and GU	38,080,641	6,295,648	16.5%	8364.4
10/14/21	49 states, NYC, DC, PR and GU	37,611,563	6,177,563	16.4%	8208.1
10/7/21	49 states, NYC, DC, PR and GU#	37,099,164	6,047,371	16.3%	8034.6
9/30/21	49 states, NYC, DC, PR and GU	36,501,460	5,899,148	16.2%	7837.6
9/23/21	49 states, NYC, DC, PR and GU	35,852,579	5,725,680	16.0%	7607.2
9/16/21	49 states, NYC, DC, PR and GU#	35,077,099	5,518,815	15.7%	7332.3
9/9/21	49 states, NYC, DC, PR and GU	34,198,122	5,292,837	15.5%	7032.1
9/2/21	49 states, NYC, DC, PR and GU	33,357,284	5,049,465	15.1%	6708.8
8/26/21	49 states, NYC, DC, PR and GU# •	32,417,814	4,797,683	14.8%	6374.2
8/19/21	49 states, NYC, DC, PR and GU	31,506,988	4,593,721	14.6%	6103.2
8/12/21	49 states, NYC, DC, PR and GU⁴	30,700,985	4,413,547	14.4%	5863.9
8/5/21	49 states, NYC, DC, PR and GU [#] × [≠]	30,025,995	4,292,120	14.3%	5702.5

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change ^ Unknown: number of children infected but not tested and confirmed

For several weeks in 2021 (6/3, 6/10, 6/24, 7/1, 7/15, 7/22, 8/5, 8/26, 9/16,10/7, and 10/28), due to available data and calculations required to obtain child cases, there is a downward revision of cumulative child cases for MA; On 11/11/21, 5,437 child cases were added As of 7/22/21, TX stopped updating demographic case data: As of 8/26/21, TX started updating demographic case data again and added 2.147 child cases; TX cumulative cases through 8/26/21 ♦ As of 8/12/21, WV changed definition of child case from 0-19 to 0-20 years





[■] Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21

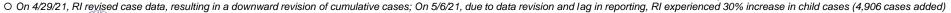
⁺ As of 11/25/21, due to available data, DC cumulative child cases through 11/18/21

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
7/29/21	49 states, NYC, DC, PR and GU	29,402,405	4,198,296	14.3%	5577.9
7/22/21	49 states, NYC, DC, PR and GU# •	29,023,908	4,126,570	14.2%	5482.6
7/15/21	49 states, NYC, DC, PR and GU# ±	28,793,845	4,087,916	14.2%	5431.2
7/8/21	49 states, NYC, DC, PR and GU	28,645,258	4,064,365	14.2%	5399.9
7/1/21	49 states, NYC, DC, PR and GU [#] ∆	28,557,884	4,044,884	14.2%	5374.1
6/24/21	49 states, NYC, DC, PR and GU# +	28,486,004	4,032,782	14.2%	5358.0
6/17/21	49 states, NYC, DC, PR and GU	28,402,723	4,024,335	14.2%	5346.8
6/10/21	49 states, NYC, DC, PR and GU#	28,338,538	4,008,572	14.1%	5325.8
6/3/21	49 states, NYC, DC, PR and GU#	28,262,591	3,994,151	14.1%	5306.7
5/27/21	49 states, NYC, DC, PR and GU	28,167,723	3,977,870	14.1%	5285.0
5/20/21	49 states, NYC, DC, PR and GU [~]	28,025,875	3,943,407	14.1%	5239.2
5/13/21	49 states, NYC, DC, PR and GU	27,825,369	3,903,706	14.0%	5186.5
5/6/21	49 states, NYC, DC, PR and GU [○]	27,621,153	3,854,791	14.0%	5121.5
4/29/21	49 states, NYC, DC, PR and GU ^O ~	27,320,708	3,782,724	13.8%	5025.8
4/22/21	49 states, NYC, DC, PR and GU	27,001,107	3,711,075	13.7%	4930.6
4/15/21	49 states, NYC, DC, PR, and GU	26,617,913	3,631,189	13.6%	4824.4

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

^ Unknown: number of children infected but not tested and confirmed

[†] On 6/24/21, due to available CO data and calculation required to obtain child total cases, there is a downward revision of cumulative child cases ~ On 4/29/21, and 5/20/21, WY revised case data, resulting in a downward revision of cumulative child cases







[#] For several weeks in 2021 (6/3, 6/10, 6/24, 7/1. 7/15, & 7/22), due to available data and calculations required to obtain child cases, there is a downward revision of cumulative child cases for MA

• As of 7/22/21, TX stopped updating demographic case data; As of 8/26/21, TX started updating demographic case data again and added 2,147 child cases; TX cumulative cases through 8/26/21

[±] On 7/15/21, IA revised case data, resulting in a downward revision of cumulative child cases Δ As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
4/8/21	49 states, NYC, DC, PR, and GU	26,188,186	3,542,692	13.5%	4706.8
4/1/21	49 states, NYC, DC, PR, and GU [○]	25,798,537	3,469,500	13.4%	4609.6
3/25/21	49 states, NYC, DC, PR, and GU	25,446,361	3,405,638	13.4%	4524.8
3/18/21	49 states, NYC, DC, PR, and GU	25,111,012	3,341,608	13.3%	4439.7
3/11/21	49 states, NYC, DC, PR, and GU [#] □	24,806,402	3,284,531	13.2%	4363.8
3/4/21	49 states, NYC, DC, PR, and GU	24,487,634	3,231,836	13.2%	4293.8
2/25/21	49 states, NYC, DC, PR, and GU	24,134,958	3,168,274	13.1%	4209.4
2/18/21	49 states, NYC, DC, PR, and GU#~	23,726,925	3,104,010	13.1%	4124.0
2/11/21	49 states, NYC, DC, PR, and GU	23,284,471	3,033,370	13.0%	4030.2
2/4/21	49 states, NYC, DC, PR, and GU	22,697,315	2,934,292	12.9%	3898.5
1/28/21	49 states, NYC, DC, PR, and GU	21,963,445	2,816,775	12.8%	3742.4
1/21/21	49 states, NYC, DC, PR, and GU	21,036,194	2,676,612	12.7%	3556.2
1/14/21	49 states, NYC, DC, PR, and GU	19,918,714	2,511,132	12.6%	3336.3
1/7/21	49 states, NYC, DC, PR, and GU	18,463,319	2,299,666	12.5%	3055.4
12/31/20	49 states, NYC, DC, PR, and GU	17,137,295	2,128,587	12.4%	2828.1
12/24/20	49 states, NYC, DC, PR, and GU	16,125,324	2,000,681	12.4%	2658.1
12/17/20	49 states, NYC, DC, PR, and GU	14,766,831	1,821,746	12.3%	2420.4
12/10/20	49 states, NYC, DC, PR, and GU	13,462,337	1,639,728	12.2%	2178.6
12/3/20	49 states, NYC, DC, PR, and GU	12,167,620	1,460,905	12.0%	1941.0

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

^ Unknown: number of children infected but not tested and confirmed

~ On 2/18/21, WY revised case data, resulting in a downward revision of cumulative child cases

On 4/1/21, RI revised case data, resulting in a downward revision of cumulative cases; On 5/6/21, due to data revision and lag in reporting, RI experienced 30% increase in child cases (4,906 cases added)
On 2/18/21 and 3/11/21, due to available MA data and calculations required to obtain child total cases, there is a downward revision of cumulative child cases

On 3/11/21, due to only PR data available and calculation required to obtain child total cases, there is a downward revision of cumulative child cases





Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
11/26/20	49 states, NYC, DC, PR, and GU	11,184,900	1,337,217	12.0%	1776.6
11/19/20	49 states, NYC, DC, PR, and GU	10,060,749	1,183,609	11.8%	1572.6
11/12/20	49 states, NYC, DC, PR, and GU	9,037,991	1,039,464	11.5%	1381.0
11/5/20	49 states, NYC, DC, PR, and GU	8,236,710	927,518	11.3%	1232.3
10/29/20	49 states, NYC, DC, PR, and GU	7,669,038	853,635	11.1%	1134.1
10/22/20	49 states, NYC, DC, PR, and GU	7,207,186	792,188	11.0%	1052.5
10/15/20	49 states, NYC, DC, PR, and GU	6,837,527	741,891	10.9%	985.7
10/8/20	49 states, NYC, DC, PR, and GU	6,505,390	697,633	10.7%	926.9
10/1/20	49 states, NYC, DC, PR, and GU#	6,231,564	657,572	10.6%	873.7
9/24/20	49 states, NYC, DC, PR, and GU	5,965,268	624,890	10.5%	828.5
9/17/20	49 states, NYC, DC, PR, and GU	5,721,402	587,948	10.3%	779.5
9/10/20	49 states, NYC, DC, PR, and GU	5,493,006	549,432	10.0%	728.5
9/3/20	49 states, NYC, DC, PR, and GU	5,265,157	513,415	9.8%	680.3
8/27/20	49 states, NYC, DC, PR, and GU	5,018,113	476,439	9.5%	631.3
8/20/20	49 states, NYC, DC, PR, and GU	4,766,825	442,785	9.3%	583.2
8/13/20	49 states, NYC, DC, PR, and GU [~]	4,486,830	406,109	9.1%	538.1
8/6/20	49 states, NYC, DC, PR, and GU	4,159,947	380,174	9.1%	500.7

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change ^ Unknown: number of children infected but not tested and confirmed # As of 10/1/20, MO changed definition of child case from 0-19 to 0-17 years, resulting in a downward revision of cumulative child cases

As of 8/13/20, AL changed definition of child case from 0-24 to 0-17 years, resulting in a downward revision of cumulative child cases



Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
7/30/20	49 states, NYC, DC, PR, and GU	3,835,573	338,982	8.8%	446.5
7/23/20	49 states, NYC, DC, PR, and GU	3,416,630	288,287	8.4%	379.7
7/16/20	49 states, NYC, DC, PR, and GU	3,042,413	241,904	8.0%	318.6
7/9/20	49 states, NYC, DC, PR, and GU	2,651,066	200,184	7.6%	263.7
7/2/20	49 states, NYC, DC, PR, and GU	2,335,060	165,845	7.1%	218.4
6/25/20	49 states, NYC, DC, PR, and GU	2,073,387	138,213	6.7%	182.0
6/18/20	49 states, NYC, DC, PR, and GU	1,885,905	116,176	6.2%	153.0
6/11/20	49 states, NYC, DC, PR, and GU	1,750,240	98,246	5.6%	129.4
6/4/20	49 states, NYC, DC, PR, and GU	1,623,334	84,016	5.2%	110.7
5/28/20	47 states, NYC, DC, PR, and GU	1,425,154	66,513	4.7%	91.5
5/21/20	47 states, NYC, DC, PR, and GU	1,288,305	54,031	4.2%	74.4
5/14/20	47 states, NYC, DC, PR, and GU	1,159,407	42,370	3.7%	58.3
5/7/20	46 states, NYC, DC, PR, and GU	1,010,112	32,568	3.2%	45.0
4/30/20	47 states, NYC, DC, and PR	849,615	23,096	2.7%	31.8
4/23/20	48 states, NYC, DC, PR, and GU	710,953	15,911	2.2%	21.2
4/16/20	46 states, NYC, and DC	456,923	9,259	2.0%	13.3



Appendix Table 2B: Summary of Child Hospitalization Data from 5/21/20 -11/25/21*

Date	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
11/25/21	24 states and NYC ^{■+}	998,025	26,246	2.6%	0.8%
11/18/21	24 states and NYC	985,022	25,747	2.6%	0.8%
11/11/21	24 states and NYC ⁿ	972,611	25,292	2.6%	0.8%
11/4/21	24 states and NYC	961,644	24,909	2.6%	0.8%
10/28/21	24 states and NYC	950,114	24,498	2.6%	0.8%
10/21/21	24 states and NYC	938,561	24,073	2.6%	0.8%
10/14/21	24 states and NYC	925,559	23,582	2.5%	0.8%
10/7/21	24 states and NYC▲	912,900	23,071	2.5%	0.8%
9/30/21	24 states and NYC	897,902	22,429	2.5%	0.9%
9/23/21	24 states and NYC*	882,073	21,814	2.5%	0.9%
9/16/21	24 states and NYC▲	866,215	21,081	2.4%	0.9%
9/9/21	24 states and NYC⁴ ◊	849,324	20,436	2.4%	0.9%
9/2/21	24 states and NYC*	833,528	19,940	2.4%	0.9%
8/26/21	24 states and NYC ^{× • ≠ ▲}	812,130	19,082	2.3%	0.9%
8/19/21	23 states and NYC [○]	784,760	18,315	2.3%	0.9%
8/12/21	23 states and NYC	773,236	17,865	2.3%	0.9%
8/5/21	23 states and NYC	763,149	17,413	2.3%	0.9%

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change For additional information on US child hospitalizations from the CDC, visit https://covid.cdc.gov/covid-data-tracker/#new-hospital-admissions ^ Hospitalization rate = number of child hospitalizations / number of child cases





[■] Due to the Thanksgiving holiday, most data included for 11/25/21 were posted by States on 11/24/21

¹ On 11/25/21. VA revised hospitalization data resulting in a downward revision of cumulative child hospitalizations and cumulative hospitalizations for all ages On 11/11/21, NYC revised hospitalization data resulting in a downward revision of cumulative hospitalizations for all ages

As of 8/26/21, NM began reporting hospitalization data by age; On 9/16/21, NM revised hospitalization data resulting in a downward revisions of child hospitalizations and cumulative hospitalizations for all ages;

On 10/7/21, cumulative total hospitalizations for all ages adjusted due to different available measure for NM × On 8/26/21 and 9/23/21, CO revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

[◆] On 9/2/21, due to available data, WA cumulative child hospitalizations increased by 22%; On 9/9/21, WA revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations ♦ On 9/9/21, SC revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

On 8/26/21, NH revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

[#] On 8/26/21, NJ revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations and cumulative hospitalizations for all ages O On 7/1/21, 7/8/21, 7/15/21, 7/22/21, and 8/19/21, SD revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations and cumulative hospitalizations for all ages

Date	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
7/29/21	23 states and NYC□ △	753,956	17,059	2.3%	0.9%
7/22/21	23 states and NYC ^{O △}	747,858	16,878	2.3%	0.9%
7/15/21	23 states and NYCO A	743,863	16,756	2.3%	0.9%
7/8/21	23 states and NYC ^o ±	740,371	16,623	2.2%	0.9%
7/1/21	23 states and NYC ~ O A	737,706	16,520	2.2%	0.9%
6/24/21	23 states and NYC ^O #	728,647	15,783	2.2%	0.9%
6/17/21	23 states and NYC ^{O□†}	819,143	16,997	2.1%	0.9%
6/10/21	24 states and NYC ^o	817,386	16,958	2.1%	0.9%
6/3/21	24 states and NYC [○]	813,351	16,822	2.1%	0.8%
5/27/21	24 states and NYC	800,302	16,525	2.1%	0.8%
5/20/21	24 states and NYC	793,175	16,261	2.1%	0.8%
5/13/21	24 states and NYC	786,279	16,013	2.0%	0.8%
5/6/21	24 states and NYC	778,080	15,740	2.0%	0.8%
4/29/21	24 states and NYC	768,506	15,456	2.0%	0.8%
4/22/21	24 states and NYC	759,280	15,187	2.0%	0.8%
4/15/21	24 states and NYC~	749,202	14,849	2.0%	0.8%

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

^ Hospitalization rate = number of child hospitalizations / number of child cases

[~] On 4/15/21, NE revised hospitalization data, resulting in a downward revision of cumulative hospitalizations for all ages; As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative hospitalizations through 6/24/21
On 6/24/21, FL stopped reporting hospitalization data, resulting in a downward revision of cumulative child hospitalizations and cumulative hospitalizations for all ages

On 6/17/21, RI revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations and a downward revision of cumulative hospitalizations for all ages



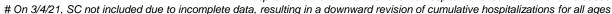
[☐] On 7/29/21, RI revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

O on 6/3/21, 6/10/21, 6/17/21, 6/24/21, 7/1/21, 7/8/21, 7/15/21, 7/22/21, and 8/19/21, SD revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations and cumulative hospitalizations for all ages
Δ on 7/1/21, AZ revised data resulting in a 33% increase in cumulative child hospitalizations; On 7/15/21, 7/22/21, & 7/29/21 AZ revised data resulting in a downward revision of cumulative child hospitalizations
± On 7/8/21, GA revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

Date~	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
4/8/21	24 states and NYC	738,793	14,489	2.0%	0.8%
4/1/21	24 states and NYC	722,365	14,179	2.0%	0.8%
3/25/21	24 states and NYC	713,236	13,953	2.0%	0.8%
3/18/21	24 states and NYC	699,071	13,540	1.9%	0.8%
3/11/21	24 states and NYC	690,206	13,283	1.9%	0.8%
3/4/21	23 states and NYC#	656,757	12,531	1.9%	0.8%
2/25/21	24 states and NYC	665,821	12,630	1.9%	0.8%
2/18/21	24 states and NYC	652,528	12,329	1.9%	0.8%
2/11/21	24 states and NYC	639,318	11,960	1.9%	0.8%
2/4/21	24 states and NYC	623,006	11,585	1.9%	0.8%
1/28/21	24 states and NYC	605,509	11,192	1.8%	0.8%
1/21/21	24 states and NYC	581,897	10,660	1.8%	0.8%
1/14/21	24 states and NYC	560,125	10,182	1.8%	0.8%
1/7/21	24 states and NYC	533,910	9,661	1.8%	0.9%
12/31/20	24 states and NYC	510,384	9,259	1.8%	0.9%
12/17/20	24 states and NYC	468,643	8,411	1.8%	0.9%
12/10/20	24 states and NYC	445,394	7,913	1.8%	0.9%
12/3/20	24 states and NYC	421,766	7,515	1.8%	1.0%
11/19/20	24 states and NYC	381,141	6,716	1.8%	1.1%

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change ~ Data from weeks ending 11/26/20 and 12/24/20 are not included

[^] Hospitalization rate = number of child hospitalizations / number of child cases





Date	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
11/12/20	23 states and NYC	362,453	6,337	1.7%	1.2%
11/5/20	24 states and NYC	360,724	6,172	1.7%	1.3%
10/29/20	24 states and NYC	348,296	5,899	1.7%	1.3%
10/22/20	24 states and NYC	324,720	5,585	1.7%	1.3%
10/15/20	24 states and NYC	314,715	5,353	1.7%	1.4%
10/8/20	25 states and NYC#	307,135	5,211	1.7%	1.4%
10/1/20	25 states and NYC	302,896	5,340	1.8%	1.6%
9/24/20	25 states and NYC	294,901	5,164	1.8%	1.7%
9/17/20	25 states and NYC	288,345	5,016	1.7%	1.6%
9/10/20	24 states and NYC	270,034	4,677	1.7%	1.8%
9/3/20	23 states and NYC	257,300	4,321	1.7%	1.9%
8/27/20	22 states and NYC	243,056	4,163	1.7%	2.1%
8/20/20	21 states and NYC	234,810	4,062	1.7%	2.2%



Date	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
8/13/20	21 states and NYC	225,893	3,849	1.7%	2.2%
8/6/20	20 states and NYC	206,189	3,276	1.6%	2.2%
7/30/20	20 states and NYC	195,106	2,669	1.4%	2.0%
7/23/20	20 states and NYC	181,345	2,304	1.3%	2.0%
7/16/20	20 states and NYC	172,787	2,074	1.2%	2.1%
7/9/20	20 states and NYC	164,158	1,948	1.2%	2.4%
7/2/20	20 states and NYC	156,640	1,780	1.1%	2.6%
6/25/20	20 states and NYC	151,583	1,663	1.1%	2.9%
6/18/20	19 states and NYC	140,215	1,433	1.0%	3.2%
6/11/20	19 states and NYC	134,600	1,322	1.0%	3.4%
6/4/20	19 states and NYC	128,779	1,231	1.0%	3.4%
5/28/20	16 states and NYC	114,678	1,054	0.9%	3.8%
5/21/20	17 states and NYC	105,665	891	0.8%	3.8%



Date	Number of locations reporting age distribution of deaths	Cumulative total deaths (all ages)	Cumulative child deaths	Percent children of total deaths	Percent of child cases resulting in death^
11/25/21	45 states, NYC, PR and GU■	693,375	643	0.09%	0.01%
11/18/21	45 states, NYC, PR and GU	687,107	636	0.09%	0.01%
11/11/21	45 states, NYC, PR and GU	680,606	625	0.09%	0.01%
11/4/21	45 states, NYC, PR and GU	673,301	614	0.09%	0.01%
10/28/21	45 states, NYC, PR and GU	665,498	600	0.09%	0.01%
10/21/21	45 states, NYC, PR and GU	656,591	584	0.09%	0.01%
10/14/21	45 states, NYC, PR and GU	646,028	558	0.09%	0.01%
10/7/21	45 states, NYC, PR and GU▲	635,587	542	0.09%	0.01%
9/30/21	45 states, NYC, PR and GU	624,153	520	0.08%	0.01%
9/23/21	45 states, NYC, PR and GU	611,477	498	0.08%	0.01%
9/16/21	45 states, NYC, PR and GU	598,85	480	0.08%	0.01%
9/9/21	45 states, NYC, PR and GU	586,537	460	0.08%	0.01%
9/2/21	45 states, NYC, PR and GU	576,583	444	0.08%	0.01%
8/26/21	45 states, NYC, PR and GU ^{▲ ≠}	567,949	425	0.07%	0.01%
8/19/21	44 states, NYC, PR and GU×≠	556,231	402	0.07%	0.01%
8/12/21	43 states, NYC, PR and GU [△]	540,918	378	0.07%	0.01%
8/5/21	43 states, NYC, PR and GU# ~	537,846	371	0.07%	0.01%

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change;
For additional information on US child mortality from the CDC, visit https://covid.cdc.gov/covid-data-tracker/#demographics

Δ On 8/12/21, CA revised mortality data resulting in a downward revision of cumulative deaths for all ages # On 8/5/21, due to available data and changes made to dashboard, definition of LA total cumulative deaths changed ~ As of 8/5/21, due to available data and changes made to dashboard, AL cumulative deaths through 7/29/21



[^] Number of child deaths / number of child cases
■ Due to the Thanksqiving holiday, most data included for 11/25/21 were posted by States on 11/24/21

[▲] As of 8/26/21, NM began reporting mortality data by age; On 10/7/21, cumulative total deaths for all ages adjusted due to different available mortality measure for NM ≠ On 8/19/21 and 8/26/91, cumulative total deaths for all ages adjusted due to different available mortality measure for CO × As of 8/19/21, SC began reporting mortality data by age

Date	Number of locations reporting age distribution of deaths	Cumulative total deaths (all ages)	Cumulative child deaths	Percent children of total deaths	Percent of child cases resulting in death^
7/29/21	43 states, NYC, PR and GU	528,896	358	0.07%	0.01%
7/22/21	43 states, NYC, PR and GU	527,019	349	0.07%	0.01%
7/15/21	43 states, NYC, PR and GU	525,470	346	0.07%	0.01%
7/8/21	43 states, NYC, PR and GU	523,848	344	0.07%	0.01%
7/1/21	43 states, NYC, PR and GU ^O ~	522,380	335	0.06%	0.01%
6/24/21	43 states, NYC, PR and GU	520,660	336	0.06%	0.01%
6/17/21	42 states, NYC, PR and GU	518,016	335	0.06%	0.01%
6/10/21	43 states, NYC, PR and GU [□]	516,663	330	0.06%	0.01%
6/3/21	43 states, NYC, PR and GU	514,325	327	0.06%	0.01%
5/27/21	43 states, NYC, PR and GU	511,346	322	0.06%	0.01%
5/20/21	43 states, NYC, PR and GU ^O	507,373	316	0.06%	0.01%
5/13/21	43 states, NYC, PR and GU	503,900	308	0.06%	0.01%
5/6/21	43 states, NYC, PR and GU	500,262	306	0.06%	0.01%
4/29/21	43 states, NYC, PR and GU	496,248	303	0.06%	0.01%
4/22/21	43 states, NYC, PR and GU	492,057	296	0.06%	0.01%
4/15/21	43 states, NYC, PR and GU	487,881	297	0.06%	0.01%

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

O 0n 5/20/21, NE revised mortality data, resulting in a downward revision of cumulative deaths for all ages; As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative deaths through 6/24/21

~ On 7/1/21, AL revised mortality data, resulting in a downward revision of cumulative child deaths;



[□] On 6/10/21, WA revised mortality data, resulting in a downward revision of cumulative deaths for all ages

Date	Number of locations reporting age distribution of deaths	Cumulative total deaths (all ages)	Cumulative child deaths	Percent children of total deaths	Percent of child cases resulting in death^
4/8/21	43 states, NYC, PR and GU	483,378	292	0.06%	0.01%
4/1/21	43 states, NYC, PR and GU	476,994	284	0.06%	0.01%
3/25/21	43 states, NYC, PR and GU [○]	471,104	279	0.06%	0.01%
3/18/21	43 states, NYC, PR and GU [□]	464,201	268	0.06%	0.01%
3/11/21	43 states, NYC, PR and GU	457,061	266	0.06%	0.01%
3/4/21	43 states, NYC, and GU#	444,878	253	0.06%	0.01%
2/25/21	43 states, NYC, and GU	438,657	256	0.06%	0.01%
2/18/21	43 states, NYC, and GU	425,350	247	0.06%	0.01%
2/11/21	43 states, NYC, and GU	407,222	241	0.06%	0.01%
2/4/21	43 states, NYC, and GU	388,204	227	0.06%	0.01%
1/28/21	43 states, NYC, and GU	369,149	215	0.06%	0.01%
1/21/21	43 states, NYC, and GU	348,860	205	0.06%	0.01%
1/14/21	43 states and NYC	330,261	191	0.06%	0.01%
1/7/21	42 states and NYC	297,914	188	0.06%	0.01%

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change ^ Number of child deaths / number of child cases



[○] On 3/25/21, VA revised mortality data, resulting in a downward revision of cumulative deaths for all ages
□ On 3/18/21, KS revised mortality data, resulting in a downward revision of cumulative deaths for all ages
On 3/4/21, OH revised mortality data, resulting in a downward revision of cumulative deaths for all ages

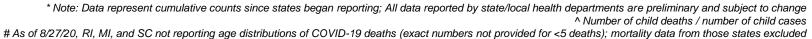
Date~	Number of locations reporting age distribution of deaths	Cumulative total deaths (all ages)	Cumulative child deaths	Percent children of total deaths	Percent of child cases resulting in death^
12/31/20	43 states and NYC	294,443	179	0.06%	0.01%
12/17/20	42 states and NYC	263,833	172	0.07%	0.01%
12/10/20	42 states and NYC	249,442	162	0.06%	0.01%
12/3/20	43 states and NYC	236,996	154	0.06%	0.01%
11/19/20	43 states and NYC	218,007	138	0.06%	0.01%
11/12/20	42 states and NYC	210,441	133	0.06%	0.01%
11/5/20	42 states and NYC	199,564	123	0.06%	0.01%
10/29/20	42 states and NYC	194,175	121	0.06%	0.02%
10/22/20	42 states and NYC	189,250	120	0.06%	0.02%
10/15/20	42 states and NYC	184,294	120	0.07%	0.02%
10/8/20	42 states and NYC	180,014	115	0.06%	0.02%
10/1/20	42 states and NYC	175,423	112	0.06%	0.02%
9/24/20	42 states and NYC	170,971	109	0.06%	0.02%
9/17/20	42 states and NYC	167,019	109	0.07%	0.02%
9/10/20	42 states and NYC	160,856	105	0.07%	0.02%
9/3/20	42 states and NYC	156,053	103	0.07%	0.02%

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change ~ Data from weeks ending 11/26/20 and 12/24/20 are not included ^ Number of child deaths / number of child cases





Date	Number of locations reporting age distribution of deaths	Cumulative total deaths (all ages)	Cumulative child deaths	Percent children of total deaths	Percent of child cases resulting in death^
8/27/20	43 states and NYC#	152,884	101	0.07%	0.02%
8/20/20	45 states and NYC	154,279	92	0.06%	0.02%
8/13/20	45 states and NYC	147,356	90	0.06%	0.02%
8/6/20	44 states and NYC	139,685	90	0.06%	0.02%
7/30/20	44 states and NYC	133,267	86	0.06%	0.03%
7/23/20	44 states and NYC	121,539	76	0.06%	0.03%
7/16/20	43 states and NYC	119,265	66	0.06%	0.03%
7/9/20	42 states and NYC	112,289	62	0.06%	0.03%
7/2/20	42 states and NYC	108,513	58	0.05%	0.04%
6/25/20	42 states and NYC	104,683	57	0.05%	0.04%
6/18/20	42 states and NYC	101,056	54	0.05%	0.05%
6/11/20	40 states and NYC	89,866	48	0.05%	0.05%
6/4/20	40 states and NYC	91,241	46	0.05%	0.06%
5/28/20	39 states and NYC	82,298	30	0.04%	0.05%
5/21/20	38 states and NYC	71,689	28	0.04%	0.06%





Appendix Table 3A: Child COVID-19 Case Data Available on 11/25/21* CHILDREN'S HOSPITATION OF PEDICATION OF PEDICAT





Click location name to view original data source

	Age	Child population,	Cumulative	Percent children of	Cumulative total cases	Cases per
Location	range	2019	child cases	total cases	(all ages)	100,000 children
Alabama^	0-17	1,088,668	53,350	12.1%	442,373	4900.5
<u>Alaska</u>	0-19	196,852	36,347	25.2%	144,073	18464.1
<u>Arizona</u>	0-19	1,838,598	245,480	19.6%	1,252,248	13351.5
<u>Arkansas</u>	0-17	700,155	93,021	17.7%	525,130	13285.8
<u>California</u>	0-17	8,894,641	719,529	15.1%	4,780,867	8089.5
<u>Colorado</u> [○]	0-19	1,407,971	156,296	19.2%	814,468	11100.8
Connecticut	0-19	735,193	81,349	19.5%	416,573	11065.0
<u>Delaware</u>	0-17	203,572	27,761	18.4%	150,876	13636.9
District of Columbia ⁺	0-19	149,337	12,037	18.1%	66,510	8060.3
Florida •	0-14	3,512,139	452,785	12.3%	3,677,968	12892.0
Georgia	0-17	2,503,881	197,324	15.4%	1,281,495	7880.7
<u>Guam</u>	0-19	57,727	4,377	22.9%	19,137	7582.2
<u>Hawaii</u>	0-17	299,868	15,675	18.6%	84,237	5227.3
<u>Idaho</u>	0-17	448,201	41,056	13.5%	304,563	9160.2
Illinois	0-19	3,145,309	339,615	19.0%	1,784,900	10797.5
<u>Indiana</u>	0-19	1,755,070	199,437	18.4%	1,084,488	11363.5
<u>Iowa</u> □	0-17	726,841	77,291	13.8%	560,480	10633.8
<u>Kansas</u>	0-17	700,250	76,775	16.6%	461,163	10963.9
Kentucky	0-19	1,118,934	161,541	20.8%	777,858	14437.0
<u>Louisiana</u> *	0-17	1,087,630	124,635	16.2%	769,051	11459.3
Maine	0-19	281,158	26,524	22.5%	117,941	9433.8
<u>Maryland</u>	0-19	1,489,721	107,242	18.5%	580,496	7198.8
Massachusetts#	0-19	1,558,231	122,349	14.7%	829,577	7851.8
<u>Michigan</u>	0-19	2,407,690	278,453	19.2%	1,447,230	11565.2
Minnesota	0-19	1,445,346	190,039	21.6%	881,102	13148.3
<u>Mississippi</u>	0-17	698,583	89,992	17.6%	512,632	12882.1
Missouri [†]	0-17	1,370,585	98,858	13.5%	733,443	7212.8

* 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 8/13/20, AL changed definition of child case from 0-24 to 0-17 years; As of 8/5/21, due to available data and changes made to dashboard, AL cumulative cases through 7/29/21 O 0n 6/24/21, due to available CO data and calculation required to obtain child total, there is a downward revision of cumulative child cases

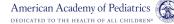
+ As of 11/25/21, due to available data, DC cumulative child cases through 11/18/21

[•] As of 6/24/21, due to change in available data for FL, calculation required to obtain child cases data for 0-14 years

[□] On 7/15/21, IA revised case data, resulting in a downward revision of cumulative child cases × On 8/5/21, due to available data and changes made to dashboard, definition of LA total cumulative cases changed

Appendix Table 3B: Child COVID-19 Case Data Available on 11/25/21* CHILDREN'S HOSPITATION OF PEDICATION OF PEDICAT





Click location name to view original data source

	Age	Child population,	Cumulative	Percent children of	Cumulative total cases	Cases per
Location	range	2019	child cases	total cases	(all ages)	100,000 children
<u>Montana</u>	0-19	254,416	33,791	17.8%	189,678	13281.8
Nebraska [~]	0-19	760,272	35,425	15.8%	224,206	4659.5
<u>Nevada</u>	0-19	688,997	72,242	15.9%	454,351	10485.1
New Hampshire	0-19	291,038	33,591	21.7%	154,579	11541.8
New Jersey	0-17	1,938,578	151,567	14.1%	1,073,295	7818.5
New Mexico	0-19	531,712	65,181	21.2%	306,743	12258.7
North Carolina	0-17	2,300,715	250,541	16.4%	1,524,078	10889.7
North Dakota	0-19	200,777	32,397	20.3%	159,842	16135.8
NYC	0-17	1,726,900	118,230	12.6%	937,567	6846.4
<u>Ohio</u>	0-19	2,886,873	287,743	17.3%	1,660,131	9967.3
<u>Oklahoma</u>	0-17	952,238	107,274	16.2%	661,289	11265.5
<u>Oregon</u>	0-19	965,480	72,693	18.8%	386,634	7529.2
<u>Pennsylvania</u>	0-19	2,801,187	298,466	17.5%	1,704,528	10655.0
<u>Puerto Rico</u> □	0-19	594,011	28,487	15.2%	187,581	4795.7
Rhode Island ^O	0-18	220,525	30,993	17.5%	177,289	14054.2
South Carolina	0-20	1,314,988	214,097	23.4%	914,946	16281.3
South Dakota	0-19	240,567	29,480	17.9%	164,292	12254.4
<u>Tennessee</u>	0-20	1,762,659	296,885	22.7%	1,308,237	16843.0
Texas^	0-19	8,210,585	7,754	7.8%	99,989	
<u>Utah</u>	0-14	774,764	78,839	13.4%	589,715	10175.9
Vermont	0-19	134,415	12,327	25.6%	48,120	9170.9
<u>Virginia</u>	0-19	2,087,426	180,218	18.8%	960,691	8633.5
<u>Washington</u>	0-19	1,840,306	158,961	20.7%	767,045	8637.7
West Virginia [∆]	0-20	402,473	66,385	22.8%	290,909	16494.4
Wisconsin	0-19	1,422,095	192,215	20.0%	963,229	13516.3
Wyoming [#]	0-18	140,694	14,669	16.8%	87,448	10426.2

* 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 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative cases through 6/24/21 □ On 3/11/21, due to only PR data available and calculation required to obtain child total, there is a downward revision of cumulative child cases

O On 4/1/21 and 4/29/21, RI revised case data, resulting in downward revision of cumulative cases; On 5/6/21, due to data revision and lag in reporting, RI experienced 30% increase in child cases (4,906 cases added) ^ Texas reported age for only 3% of total confirmed cases; 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; on 8/26/21, after not updating demographic case data since 7/22/21, TX added 2,147 child cases

Appendix Table 4: Child Testing Data Available on 11/4/21*~

COVID-19 Testing and Children

~ As of 11/11/21, we are no longer reporting testing data due to low number of states reporting; Data through 11/4/21

Location	Age range	Cumulative total tests (all ages)	Cumulative child tests	Percent children of total tests	Positive rate^
<u>Arizona</u> •	0-19	5,503,791	1,150,305	20.9%	
<u>Illinois</u>	0-19	35,785,125	6,260,477	17.5%	5.0%
<u>Indiana</u>	0-19	14,593,094	3,277,609	22.5%	5.7%
<u>Iowa</u> °	0-17	2,143,750	128,625	6.0%	
<u>Minnesota</u> ~	0-19	13,593,967	2,351,267	17.3%	7.1%
Nevada	0-19	5,310,259	897,434	16.9%	7.8%
New Hampshire	0-19	2,675,109	532,982	19.9%	5.4%
Rhode Island	0-18	1,020,672	213,156	20.9%	13.5%
<u>Tennessee</u>	0-20	10,364,736	2,162,643	20.9%	13.4%
West Virginia [□]	0-20	4,288,871	686,648	16.0%	9.1%
Wyoming [#]	0-18	1,092,168	126,364	11.6%	11.0%

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

^ Positive rate = number of child cases / number of child tests

On 5/20/21, 5/27/21, 6/3/21, 6/10/21, 6/17/21, 6/24/21, 7/1/21, and 7/8/21, IA revised testing data, resulting in a downward revision of cumulative tests for all ages; On 7/15/21, IA stopped updating child testing data; IA cumulative tests through 7/8/21

On 6/3/21, MN revised testing data, resulting in a downward revision of cumulative child tests; On 6/10/21, MN revised testing data, resulting in a downward revision of cumulative tests for all ages; As of 8/19/21 WV changed definition of child case from 0-19 to 0-20

On 2/11/21 and 3/18/21, WY revised testing data, resulting in a downward revision of cumulative tests for all ages



[•] On 10/14/21, due to change in available testing data. AZ cumulative tests through 10/7/21

Appendix Table 5A: Child Hospitalization Data Available on 11/25/21*

COVID-19-Associated Hospitalizations and Children

Location	Age range	Cumulative child hospitalizations	Cumulative total hospitalizations (all ages)	Percent children of total hospitalizations	Hospitalization rate^
<u>Alaska</u>	0-19	60	3,033	2.0%	0.2%
<u>Arizona</u> [#]	0-19	3,183	84,813	3.8%	1.3%
Colorado*	0-19	1,482	46,319	3.2%	0.9%
Georgia [±]	0-17	2,272	89,026	2.6%	1.2%
<u>Hawaii</u>	0-17	171	4,264	4.0%	1.1%
<u>Idaho</u>	0-17	267	13,343	2.0%	0.7%
<u>Indiana</u>	0-19	1,952	87,988	2.2%	1.0%
<u>Kansas</u>	0-17	324	15,582	2.1%	0.4%
Minnesota	0-19	1,575	45,214	3.5%	0.8%
<u>Mississippi</u>	0-17	269	12,586	2.1%	0.3%
Nebraska [~]	0-19	131	6,891	1.9%	0.4%
New Hampshire*	0-19	41	2,068	2.0%	0.1%

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

^ Hospitalization rate = number of child hospitalizations / number of child cases

^ Hospitalization rate = number of child hospitalizations / number of child cases # On 10/8/20, 7/15/21, 7/22/21 and 7/29/21, AZ revised data, resulting in a downward revision of cumulative child hospitalizations; On 7/1/21, AZ revised data resulting in a 33% increase in cumulative child hospitalizations (592 added)





On 8/26/21, CO revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations
 On 7/8/21, GA revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

[~] On 4/15/21, NE revised hospitalization data, resulting in a downward revision of cumulative hospitalizations for all ages; As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative hospitalization sthrough 6/24/21

• On 8/26/21, NH revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

Appendix Table 5B: Child Hospitalization Data Available on 11/25/21*

COVID-19-Associated Hospitalizations and Children

Location	Age range	Cumulative child hospitalizations	Cumulative total hospitalizations (all ages)	Percent children of total hospitalizations	Hospitalization rate^
<u>New Jersey</u> [≠]	0-17	1,641	95,609	1.7%	1.1%
New Mexico [*]	0-17	320	19,562		
NYC"	0-17	2,274	122,143	1.9%	1.9%
<u>Ohio</u>	0-19	2,806	85,225	3.3%	1.0%
<u>Oregon</u>	0-19	601	20,642	2.9%	0.8%
Rhode Island [□]	0-18	320	12,348	2.6%	1.0%
South Carolina [◊]	0-20	759	31,615	2.4%	0.4%
South Dakota ^O	0-19	185	8,339	2.2%	0.6%
<u>Tennessee</u>	0-20	891	38,221	2.3%	0.3%
<u>Utah</u>	0-14	669	25,643	2.6%	0.8%
Virginia ^t	0-19	1,174	39,527	3.0%	0.7%
Washington [▲]	0-19	1,057	42,433	2.5%	0.7%
<u>Wisconsin</u>	0-19	1,822	45,591	4.0%	0.9%

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

^ Hospitalization rate = number of child hospitalizations / number of child cases





[≠] On 8/26/21, NJ revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations and cumulative hospitalizations for all ages

×As of 8/26/21, NM began reporting hospitalizations by age; due to only data available, NM is excluded from hospitalization percentages

□ On 11/11/21, NYC revised hospitalization data resulting in a downward revision of cumulative hospitalizations for all ages

[□] On 6/17/21 and 7/29/21, RI revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations and (on 6/17/21) cumulative hospitalizations for all ages

◊ On 9/9/21, SC revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

On 6/3/21, 6/10/21, 6/17/21, 6/24/21, 7/1/21, 7/8/21, 7/15/21, 7/22/21, and 8/19/21, SD revised hospitalization data, resulting in a downward revision of child cumulative hospitalizations and cumulative hospitalizations and cumulative child hospitalizations for all ages

† On 6/3/21, 6/10/21, 6/17/21, 6/24/21, 7/1/21, 7/8/21, 7/15/21, 7/22/21, and 8/19/21, SD revised hospitalization data resulting in a downward revision of cumulative child hospitalizations

[▲] On 9/2/21, due to available data, WA cumulative child hospitalizations increased by 22% (145 hospitalizations added); On 9/9/21, WA revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

Appendix Table 6A: Child Mortality Data Available on 11/25/21*

CHILDREN'S HOSPITAL ASSOCIATION



COVID-19-Associated Deaths and Children

Location	Age range	Cumulative child deaths	Cumulative total deaths (all ages)	Percent children of total deaths	Percent of child cases resulting in death^
<u>Alabama</u> [#]	0-17	8	11,510	0.07%	0.01%
<u>Alaska</u>	0-19	0	840	0.00%	0.00%
<u>Arizona</u>	0-19	50	22,098	0.23%	0.02%
<u>Arkansas</u>	0-17	3	8,627	0.03%	0.00%
<u>California</u> [∆]	0-17	39	73,365	0.05%	0.01%
<u>Colorado</u> [≠]	0-19	22	9,012	0.24%	0.01%
Connecticut	0-19	5	8,865	0.06%	0.01%
<u>Delaware</u>	0-17	2	2,162	0.09%	0.01%
District of Columbia	0-19	0	1,196	0.00%	0.00%
<u>Florida</u>	0-15	30	61,081	0.05%	0.01%
<u>Georgia</u>	0-17	23	25,650	0.09%	0.01%
<u>Guam</u>	0-19	6	263	2.28%	0.14%
<u>Hawaii</u>	0-17	1	997	0.10%	0.01%
<u>Idaho</u>	0-17	1	3,883	0.03%	0.00%
Illinois	0-19	27	26,313	0.10%	0.01%
<u>Indiana</u>	0-19	22	16,805	0.13%	0.01%
<u>lowa</u>	0-17	4	7,354	0.05%	0.00%
<u>Kansas</u> □	0-17	6	6,673	0.09%	0.01%
Kentucky	0-19	9	10,795	0.08%	0.01%
<u>Louisiana</u> ^O	0-17	18	14,777	0.12%	0.01%
<u>Maine</u>	0-19	2	1,303	0.15%	0.01%
Maryland	0-19	13	11,148	0.12%	0.01%
Massachusetts [~]	0-19	10	18,856	0.05%	0.01%
<u>Minnesota</u>	0-19	5	9,282	0.05%	0.00%

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

^ Number of child deaths / number of child cases;

As of 8/13/20, AL changed definition of child case, resulting in a downward revision of cumulative child deaths; On 7/1/21, AL revised mortality data, resulting in a downward revision of cumulative child deaths;

As of 8/5/21, due to available data and changes made to dashboard, AL cumulative deaths through 7/29/21 Δ On 8/12/21, CA revised mortality data, resulting in a downward revision of cumulative deaths for all ages

[#] On 9/2/21, CO cumulative deaths for all ages show a decrease due to different available mortality measure

[☐] On 3/18/21, KS revised mortality data, resulting in a downward revision of cumulative deaths for all ages ○ On 8/5/21, due to available data and changes made to dashboard, definition of LA total cumulative deaths changed

[~] As of 9/3/20, MA changed reporting from total child cases to cases added in last two weeks; 11/4/21 totals calculated using MA Dept. of Public Health COVID-19 Dashboard published 11/4/21 (data from 10/17/21-10/30/21) and 10/14/21 version of this report

Appendix Table 6B: Child Mortality Data Available on 11/25/21*

CHILDREN'S A HOSPITAL ASSOCIATION DE



COVID-19-Associated Deaths and Children

			Cumulative total		Percent of child cases resulting in
Location	Age range	Cumulative child deaths	deaths (all ages)	Percent children of total deaths	death^
<u>Mississippi</u>	0-17	9	10,262	0.09%	0.01%
Missouri	0-17	7	12,520	0.06%	0.01%
<u>Nebraska</u> [○]	0-19	4	2,259	0.18%	0.01%
<u>Nevada</u>	0-19	8	7,972	0.10%	0.01%
New Hampshire	0-19	0	1,678	0.00%	0.00%
New Jersey	0-17	8	25,472	0.03%	0.01%
New Mexico [±]	0-17	5	5,277		
North Carolina	0-17	11	18,676	0.06%	0.00%
North Dakota	0-19	2	1,867	0.11%	0.01%
NYC	0-17	29	34,773	0.08%	0.02%
Ohio [~]	0-19	19	26,190	0.00%	0.01%
<u>Oklahoma</u>	0-17	6	11,221	0.05%	0.01%
<u>Oregon</u>	0-19	5	5,066	0.10%	0.01%
<u>Pennsylvania</u>	0-19	20	33,101	0.06%	0.01%
Puerto Rico	0-19	8	3,266	0.24%	0.03%
South Carolina*	0-20	24	14,153	0.17%	0.01%
South Dakota	0-19	0	2,320	0.00%	0.00%
<u>Tennessee</u>	0-20	24	16,916	0.14%	0.01%
Texas [#]	0-19	112	72,082	0.16%	
Vermont	0-19	0	406	0.00%	0.00%
<u>Virginia</u> □	0-19	16	14,597	0.11%	0.01%
Washington ^t	0-19	17	9,177	0.19%	0.01%
<u>Wisconsin</u>	0-19	4	9,922	0.04%	0.00%
Wyoming	0-18	0	1,347	0.00%	0.00%

^{*} Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change; ^ Number of child deaths / number of child cases

O 0n 5/20/21, NE revised mortality data, resulting in a downward revision of cumulative deaths for all ages; As of 6/30/21, NE COVID-19 dashboard is no longer available; NE cumulative deaths through 6/24/21

± As of 8/26/21, NM began reporting mortality data by age; due to only available data, NM is excluded from mortality data percentages

~ On 3/4/21, OH revised mortality data, resulting in a downward revision of cumulative deaths for all ages

Frequently Asked Questions

- Q: Why are the AAP and CHA collecting this data?
 - A: Our goal is to provide a weekly snapshot of how COVID-19 is affecting children in the United States. CDC provides a national number of cases by age on its COVID-19 data tracker, but there are no geographic indicators provided and the age data are not released on a regular schedule. Our data collection method allows for tracking the number of child cases weekly, as well as providing publicly reported case numbers for children at the state level.
- Q: The age ranges for children in the report are broad why were these age ranges chosen and are data available for more specific age ranges of children?

A: Each state makes different decisions about how to report the age distribution of COVID-19 cases, and as a result the age range for reported cases varies by state. For the purposes of this report it is not possible to standardize more detailed age ranges for children based on what is publicly available from the states at this time. Please refer to specific state health department websites of interest to see if the state provides more granular detail of cases by age (see report Appendix for links to all state data sources).

- Q: What is the definition of a COVID-19 case?
 - A: COVID-19 cases are defined as persons who have been identified as a confirmed (via a diagnostic molecular test) or probable (via a clinical diagnosis) case. COVID-19 cases are reported by the states, following reporting standards established by the CDC. For more information on the definitions of confirmed and probable cases, see the following resources: COVID-19 Data and Surveillance.
- Q: Why are only a small portion (<5%) of child COVID-19 cases included for Texas?
 - A: Texas Department of State Health Services reports overall confirmed cases but only a small fraction are included in the age distribution. Other sources for child COVID-19 cases are not included in the report but outline much higher numbers (eg, <u>Texas Public Schools COVID-19 Data</u>).
- **Q**: Why does the report not provide the percent of child cases that were symptomatic vs. asymptomatic or that had underlying conditions?
 - **A:** For the report, we are limited to the data that states are making publicly available. At this time, states are not providing data related to symptoms or underlying conditions and age. CDC provides some information on COVID-19 hospitalizations by age on the CDC COVID-NET dashboard.
- Q: For the child population for each state, does that match the listed age range for the state's child COVID-19 data?
 - A: Yes, the report uses child population numbers that match on directly with the listed age range for children provided by each state. State population numbers were obtained from the <u>US</u> Census Bureau.
- **Q:** The report provides "cumulative totals" for cases, tests, hospitalizations, and deaths for available states. Are those the total numbers since the states began reporting, or since the AAP and CHA started collecting this data?
 - A: All "cumulative total" data represent cumulative counts since states began reporting COVID-19 data.
- **Q:** How can I learn more about COVID-19 cases in my state?
 - **A:** Links to all state data sources are provided in the Appendix.
- **Q**: Are these data final?
 - A: No. All data reported by state/local health departments included in this report are preliminary and subject to change and revision as health departments gather more information.
- **Q**: Is this the most recent report available? When will a new report be released?
 - A: The most recent version of the report is available for download on the AAP website. New reports are made available on a weekly basis at aap.org/CovidStateData.



Additional Resources

- For more information about COVID-19 data in your area, we encourage you to reach out to your state and local health department officials
- Visit the <u>AAP Critical Updates</u> site for daily updates, resources, and guidance on COVID-19 and pediatrics
- For COVID-19 articles for parents in English and Spanish, visit
 HealthyChildren.org
 the parenting website of the AAP

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Acknowledgements

Special thanks to the following individuals for their contributions to this report: Alex Rothenburger, MPA (Children's Hospital Association), Vinson Do (Children's Hospital Association), Lynn Olson, PhD (American Academy of Pediatrics), Blake Sisk, PhD (American Academy of Pediatrics), Mary Pat Frintner, MSPH (American Academy of Pediatrics), Liz Gottschlich, MA (American Academy of Pediatrics), Kate Kornfeind, MPH (American Academy of Pediatrics), Dave Prentice, MS (American Academy of Pediatrics), and Chloe Somberg (American Academy of Pediatrics)

