

Children and COVID-19: State Data Report

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

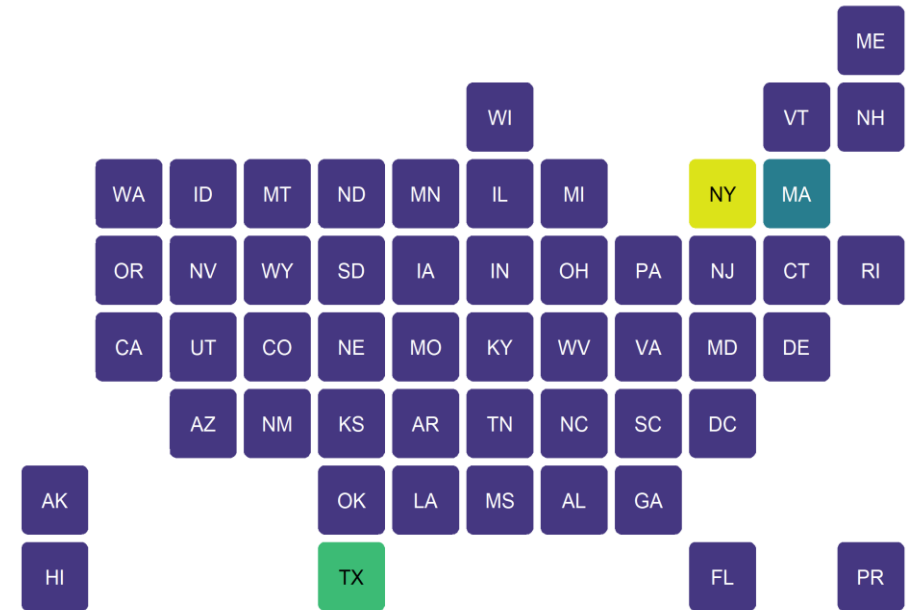
Summary of publicly reported data from 49 states, NYC, DC, PR, and GU

Version: 1/7/21

COVID-19: Available Data for Children

- State-level reports are the best publicly available data on COVID-19 cases in children
- This report summarizes what was available on 1/7/21
- **49 states, NYC, DC, Puerto Rico and Guam** provided age distributions of reported COVID-19 cases
 - 10 states provided age distribution of testing
 - 24 states and NYC provided age distribution of hospitalizations
 - 42 states and NYC provided age distribution of deaths

Fig 1A: States Reporting Age Distribution of COVID-19 Cases as of 1/7/21



Reporting age distribution of COVID-19 cases:

- Yes: Reported age distribution of cases
- TX: Reported age distribution for only 4% of cases
- NY: Only NYC reported age distribution of cases
- MA: Only reported age distribution of cases added in past 2 weeks

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: Data Limitations

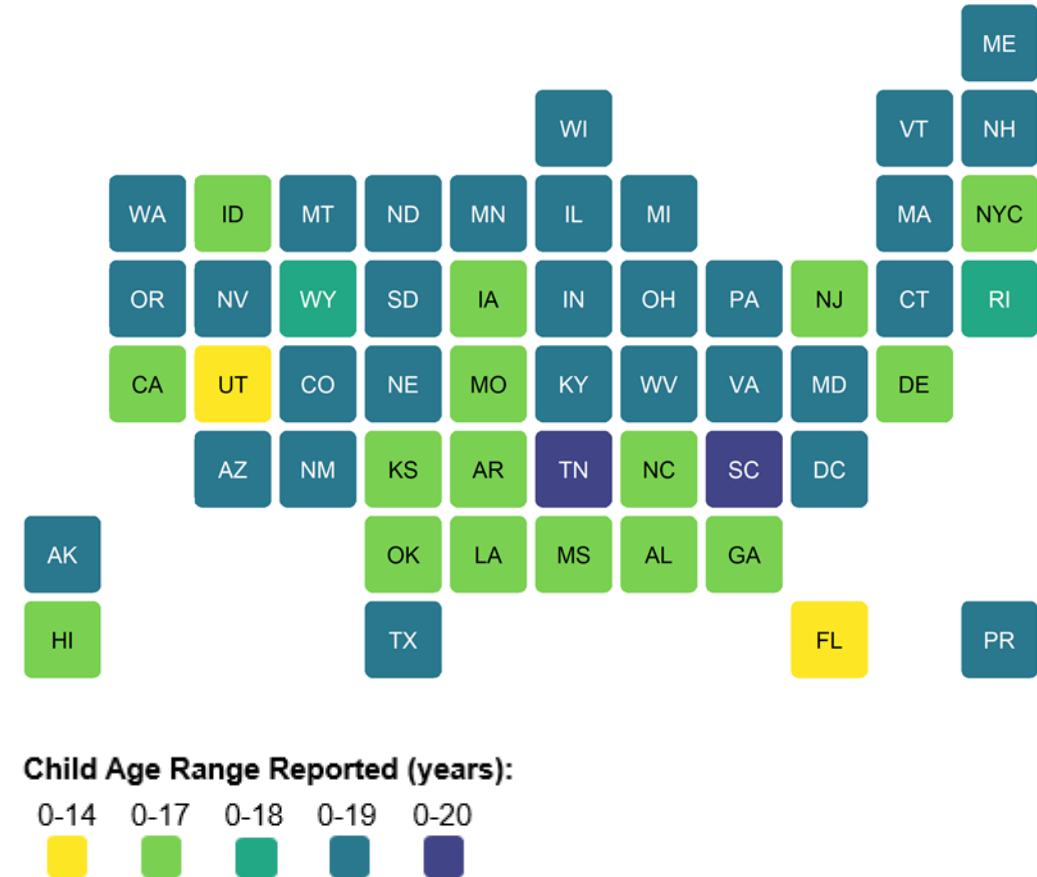
General Limitations

- Format, content, and metrics of reported COVID-19 data differed substantially by state
- Definition of “child”: 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

State-Level Limitations

- TX: Age distribution reported for only 4% of confirmed cases (67,613/1,646,382), resulting in an undercount of child cases; TX is excluded from some figures
- 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
- 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 reduction in total case count; reported age distribution of cases added in last two weeks but not for total cases to date
- 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

Fig 1B: Child Age Ranges of COVID-19 Cases Reported by States as of 1/7/21



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: 1/7/21

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*

- 2,299,666 total child COVID-19 cases reported, and children represented 12.5% (2,299,666/18,463,319) of all cases
- Overall rate: 3,055 cases per 100,000 children in the population

Change in Child COVID-19 Cases*

- 171,079 new child COVID-19 cases were reported the past week from 12/31/20-1/7/21 (2,128,587 to 2,299,666)
- Over two weeks, 12/24/20-1/7/21, there was a 15% increase in child COVID-19 cases (298,985 new cases (2,000,681 to 2,299,666))

Testing (10 states reported)*

- Children made up between 6.0%-17.8% of total state tests, and between 7.1%-25.9% of children tested were tested positive

Hospitalizations (24 states and NYC reported)*

- Children were 1.2%-2.8% of total reported hospitalizations, and between 0.2%-3.1% of all child COVID-19 cases resulted in hospitalization

Mortality (42 states and NYC reported)*

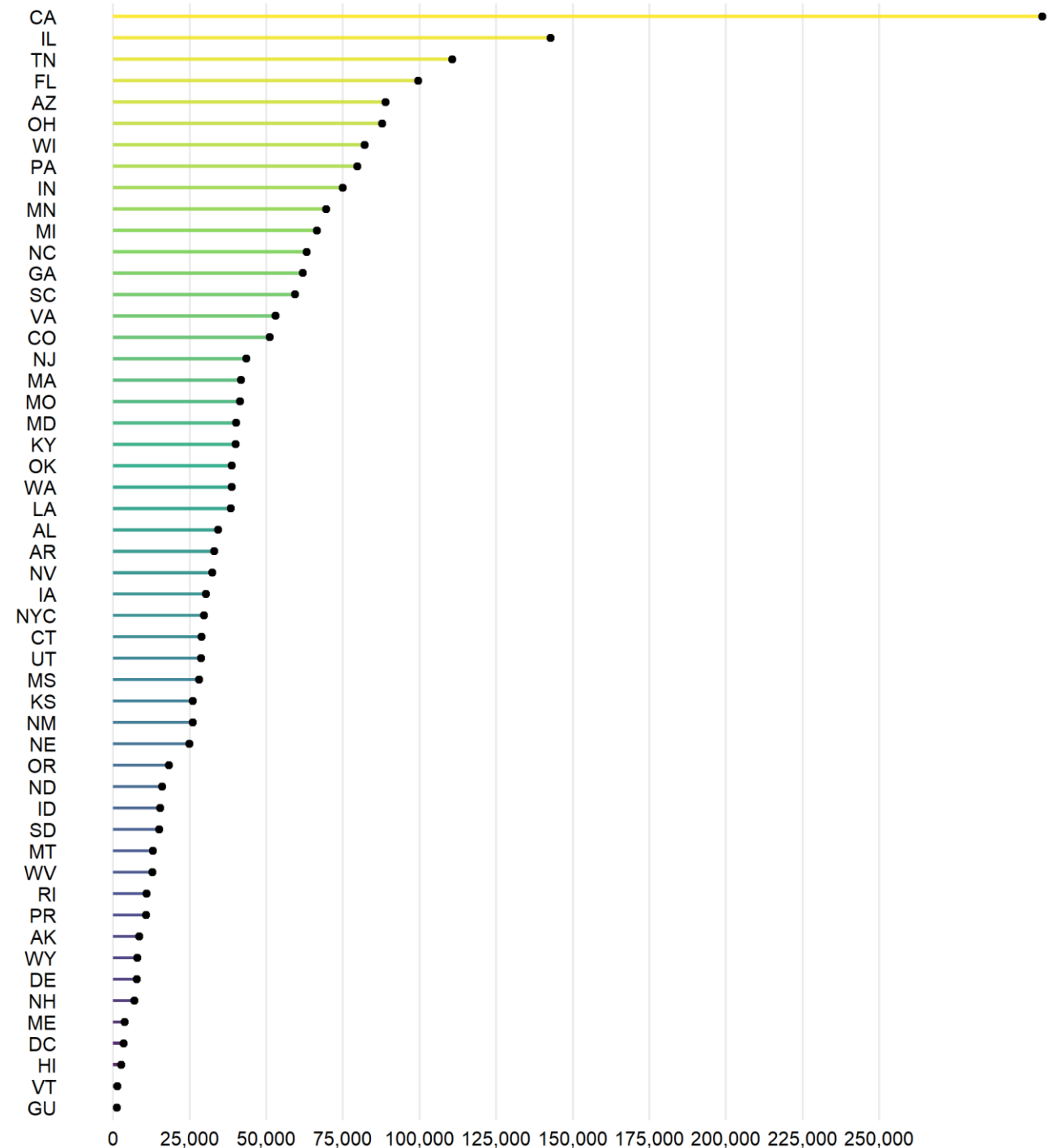
- Children were 0.00%-0.20% of all COVID-19 deaths, and 13 states reported zero child deaths
- In states reporting, 0.00%-0.07% of all child COVID-19 cases resulted in death

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

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

Fig 2. Cumulative Number of Child COVID-19 Cases: 1/7/21

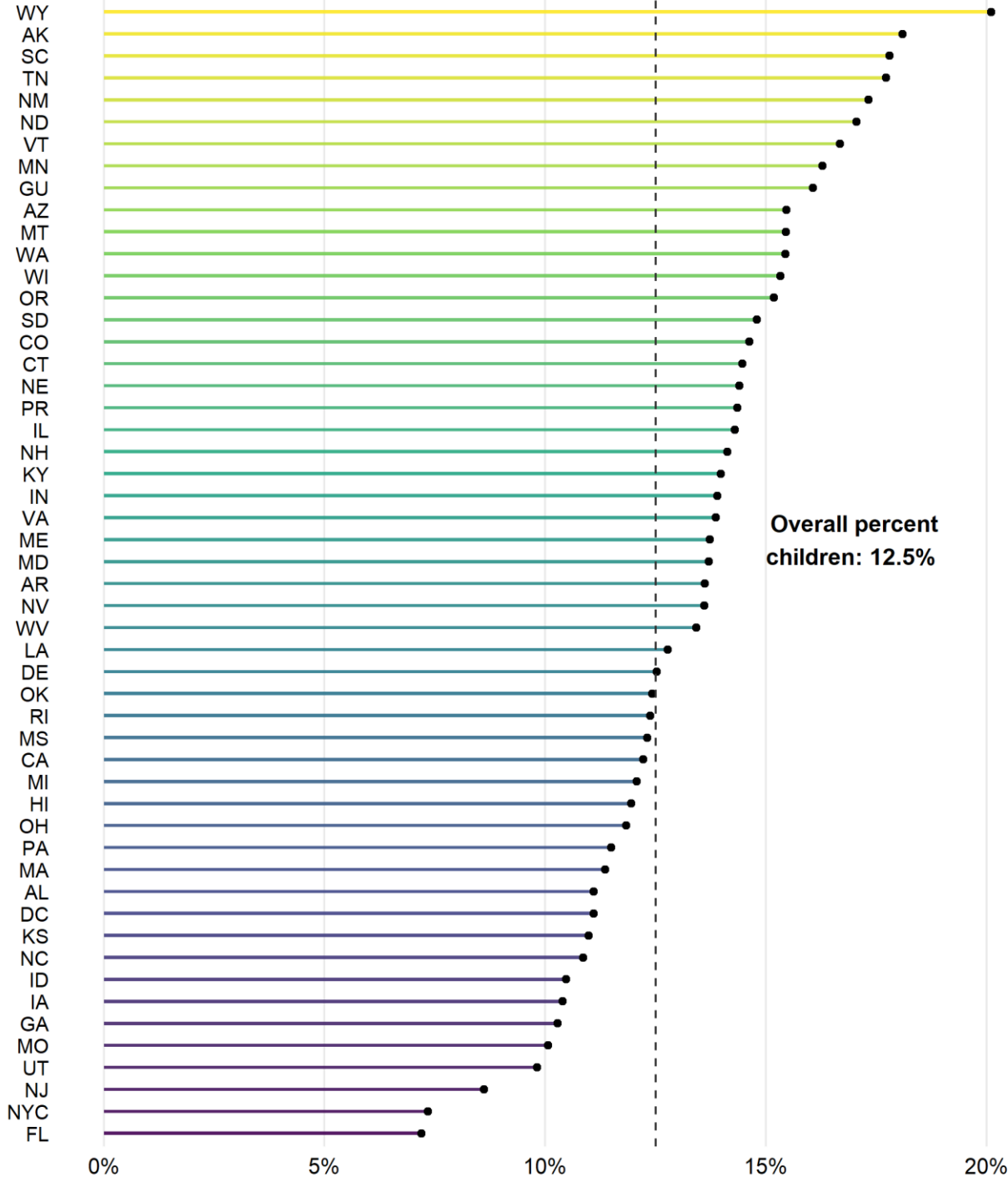
- 2,299,666 total child COVID-19 cases (cumulative)
- Fourteen states reported 55,000+ child cases
- Eight states reported fewer than 10,000 child cases



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
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Fig 3. Percent of Cumulative COVID-19 Cases that were Children: 1/7/21

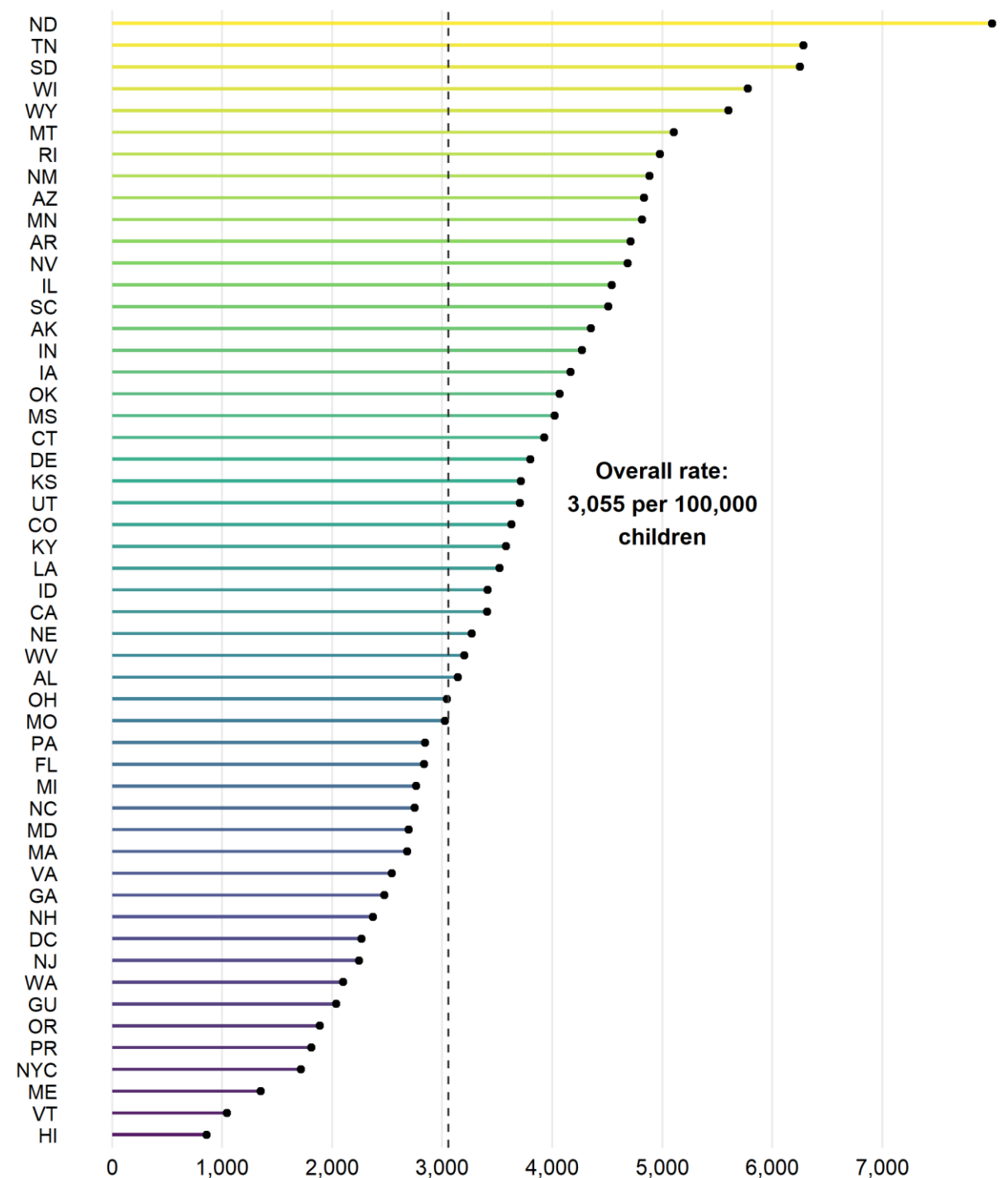
- Children represented 12.5% (2,299,666/18,463,319) of all available cases
- Thirteen states reported 15% or more of cases were children



See detail in Appendix: Data from 48 states, NYC, DC, PR, and GU (TX excluded from figure)
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Analysis by American Academy of Pediatrics and Children's Hospital Association

Fig 4. Cumulative COVID-19 Cases per 100,000 Children: 1/7/21

- Calculated using state-level population estimates from US Census Bureau (2019)*
- Overall rate: 3,055 child COVID-19 cases per 100,000 children in the population
- Fourteen states reported more than 4,500 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

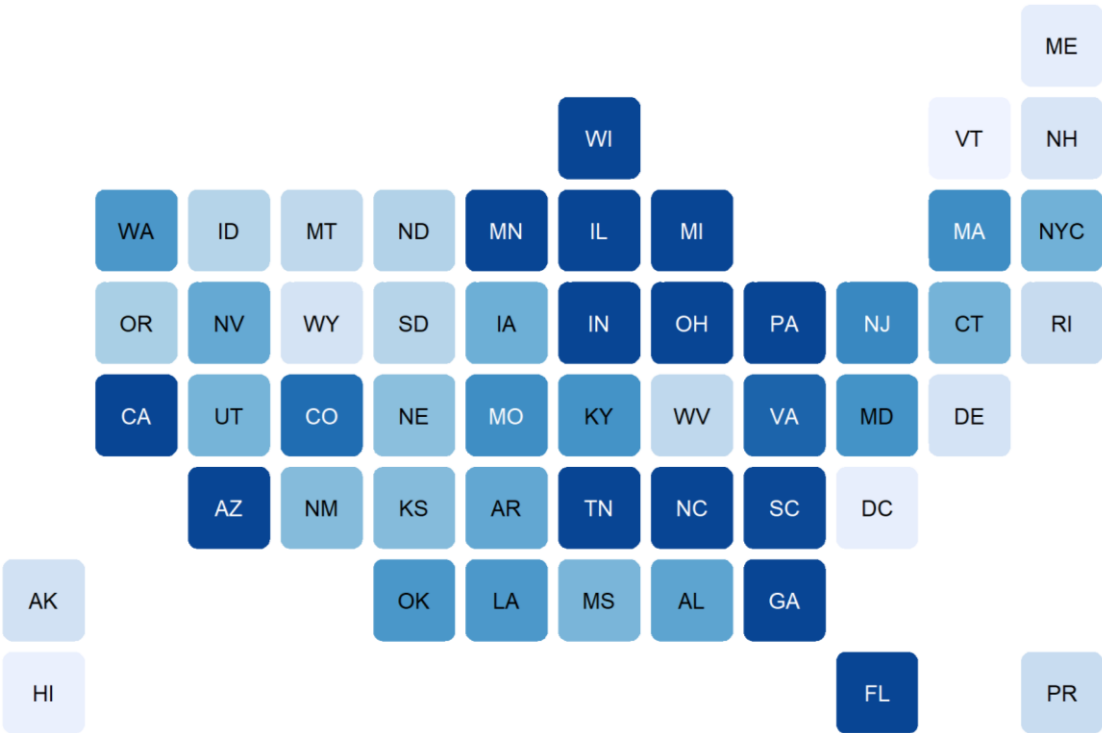
* Source: US Census Bureau, State Population by Characteristics: 2010-2019,

<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

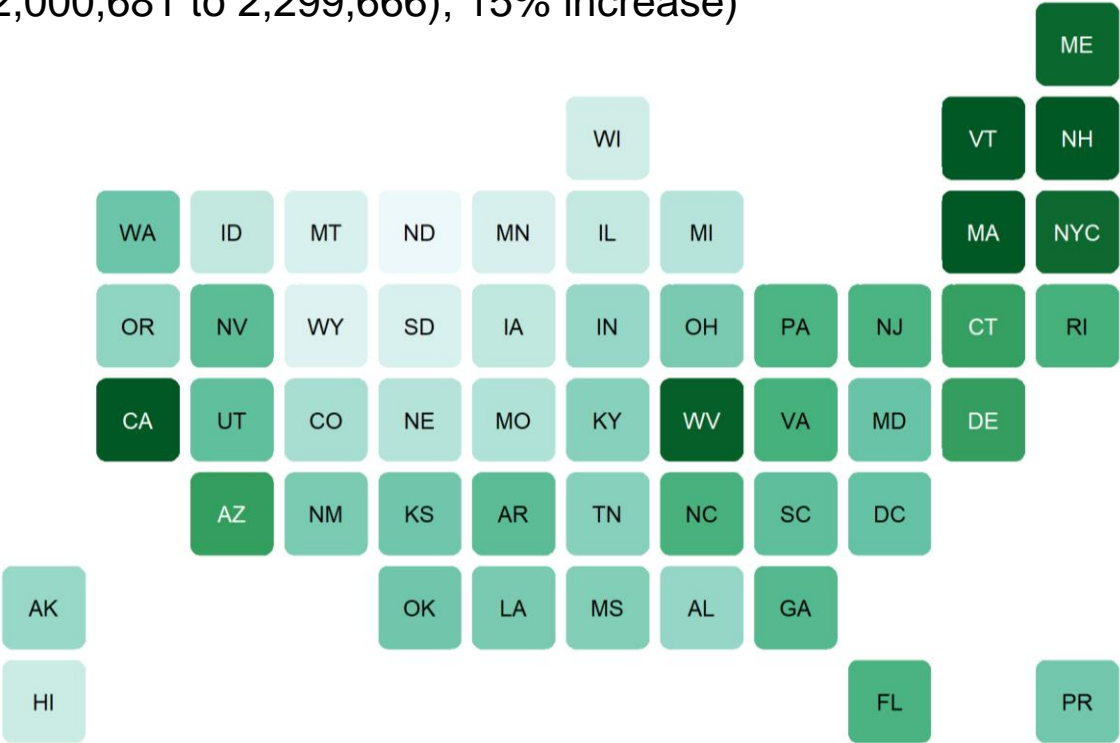
A. Cumulative Child COVID-19 Cases, 1/7/21

14 states with 55,000+ cumulative child cases

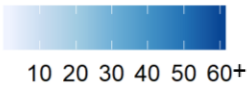


B. Percent Increase in Child Cases, 12/24/20-1/7/21

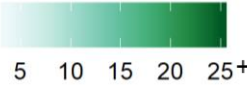
From 12/24-1/7, there were 298,985 new child cases reported (2,000,681 to 2,299,666); 15% increase)



Cumulative child COVID-19 cases (thousands)

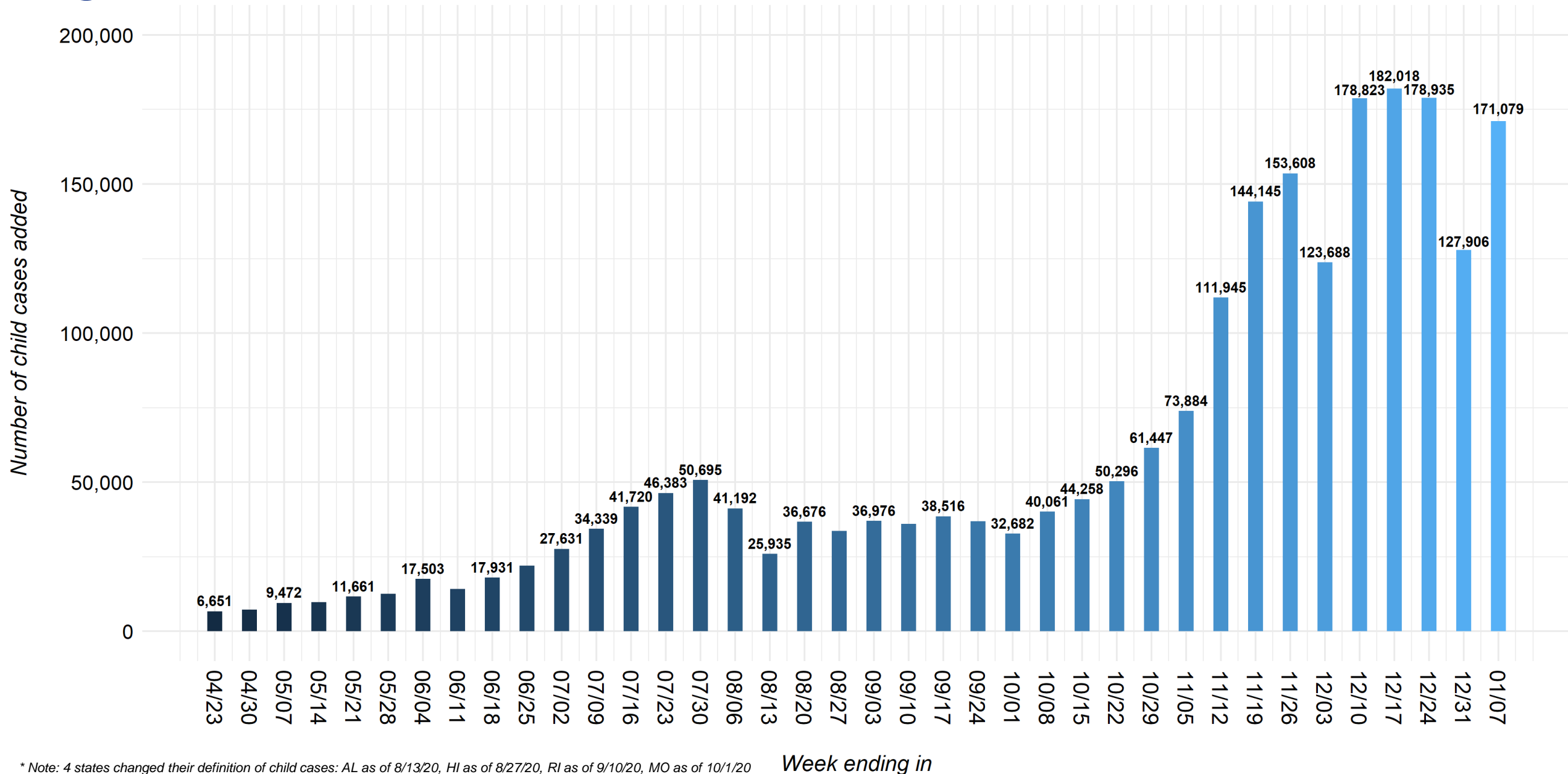


Percent increase



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

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



* Note: 4 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
See detail in Appendix: Data from 48 states, NYC, DC, and PR
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

Appendix Table 1: Case Data Available on 1/7/21

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	18,463,319	2,299,666	12.5%	3055.4

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

Appendix Table 2A: Summary of Child Case Data from 4/16/20 – 1/7/21*

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
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
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

* 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

Appendix Table 2A, cont.: Summary of Child Case Data from 4/16/20 – 1/7/21*

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
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
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

* 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 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

Appendix Table 2B: Summary of Child Hospitalization Data from 5/21/20 – 1/7/21*

Date~	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
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%
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%

* 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

As of 10/8/20, AZ revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

Appendix Table 2B, cont.: Summary of Child Hospitalization Data from 5/21/20 – 1/7/21*

Date	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
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%

* 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

Appendix Table 2C: Summary of Child Mortality Data from 5/21/20 – 1/7/21*

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^
1/7/21	42 states and NYC	297,914	188	0.06%	0.01%
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%
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%

* 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

As of 8/27/20, RI, MI, and SC not reporting age distributions of COVID-19 deaths (exact numbers not provided for <5 deaths); mortality data from those states excluded

Appendix Table 2C, cont.: Summary of Child Mortality Data from 5/21/20 – 1/7/21*

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^
8/13/20	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%

* 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

Appendix Table 3A: Child COVID-19 Case Data Available on 1/7/21*

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	34,218	11.1%	308,269	3143.1
Alaska	0-19	196,852	8,564	18.1%	47,334	4350.5
Arizona	0-19	1,838,598	88,853	15.5%	574,680	4832.6
Arkansas	0-17	700,155	33,011	13.6%	242,593	4714.8
California	0-17	8,894,641	303,249	12.2%	2,482,226	3409.3
Colorado	0-19	1,407,971	51,090	14.6%	349,450	3628.6
Connecticut	0-19	735,193	28,859	14.5%	199,454	3925.4
Delaware	0-17	203,572	7,734	12.5%	61,729	3799.1
District of Columbia	0-19	149,337	3,383	11.1%	30,482	2265.3
Florida	0-14	3,512,139	99,591	7.2%	1,385,040	2835.6
Georgia	0-17	2,503,881	61,983	10.3%	602,796	2475.5
Guam	0-19	57,727	1,175	16.1%	7,317	2035.4
Hawaii	0-17	299,868	2,581	11.9%	21,607	860.7
Idaho	0-17	448,201	15,308	10.5%	146,106	3415.4
Illinois	0-19	3,145,309	142,801	14.3%	999,288	4540.1
Indiana	0-19	1,755,070	74,953	13.9%	539,229	4270.6
Iowa	0-17	726,841	30,289	10.4%	291,370	4167.2
Kansas	0-17	700,250	26,011	11.0%	236,818	3714.5
Kentucky	0-19	1,118,934	40,041	14.0%	286,541	3578.5
Louisiana	0-17	1,087,630	38,322	12.8%	299,967	3523.4
Maine	0-19	281,158	3,793	13.7%	27,625	1349.1
Maryland	0-19	1,489,721	40,152	13.7%	292,904	2695.3
Massachusetts[#]	0-19	1,558,231	41,786	11.4%	367,987	2681.6
Michigan	0-19	2,407,690	66,558	12.1%	551,498	2764.4
Minnesota	0-19	1,445,346	69,603	16.3%	427,587	4815.7
Mississippi	0-17	698,583	28,095	12.3%	228,235	4021.7
Missouri[†]	0-17	1,370,585	41,490	10.1%	412,426	3027.2

* 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 8/13/20, AL changed definition of child case from 0-24 to 0-17 years

As of 9/3/20, MA only reported age distribution of cases added in last two weeks but not for total cases to date; 1/7/21 totals calculated using MA Dept. of Public Health COVID-19 Dashboard published 1/7/21 (data from 12/20/20-1/2/21) and 12/17/20 version of this report

† As of 10/1/20, MO changed definition of child case from 0-19 to 0-17 years

Appendix Table 3B: Child COVID-19 Case Data Available on 1/7/21*

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	12,984	15.4%	84,060	5103.5
Nebraska	0-19	760,272	24,836	14.4%	172,469	3266.7
Nevada	0-19	688,997	32,285	13.6%	237,393	4685.9
New Hampshire	0-19	291,038	6,896	14.1%	48,838	2369.5
New Jersey	0-17	1,938,578	43,489	8.6%	504,647	2243.3
New Mexico	0-19	531,712	25,981	17.3%	149,984	4886.3
North Carolina	0-17	2,300,715	63,242	10.9%	582,348	2748.8
North Dakota	0-19	200,777	16,057	17.1%	94,156	7997.4
NYC	0-17	1,726,900	29,676	7.3%	404,429	1718.5
Ohio	0-19	2,886,873	87,876	11.8%	742,817	3044.0
Oklahoma	0-17	952,238	38,713	12.4%	311,573	4065.5
Oregon	0-19	965,480	18,251	15.2%	120,223	1890.4
Pennsylvania	0-19	2,801,187	79,645	11.5%	693,087	2843.3
Puerto Rico	0-19	594,011	10,762	14.4%	74,967	1811.8
Rhode Island	0-18	220,525	10,979	12.4%	88,677	4978.6
South Carolina	0-20	1,314,988	59,316	17.8%	333,235	4510.8
South Dakota	0-19	240,567	15,040	14.8%	101,684	6251.9
Tennessee	0-20	1,762,659	110,750	17.7%	625,237	6283.1
Texas^	0-19	8,210,585	4,673	6.9%	67,613	--
Utah	0-14	774,764	28,714	9.8%	292,720	3706.2
Vermont	0-19	134,415	1,401	16.7%	8,403	1042.3
Virginia	0-19	2,087,426	53,063	13.9%	382,679	2542.0
Washington	0-19	1,840,306	38,647	15.4%	250,306	2100.0
West Virginia	0-19	402,473	12,883	13.4%	96,002	3201.1
Wisconsin	0-19	1,422,095	82,132	15.3%	535,999	5775.4
Wyoming	0-18	140,694	7,882	20.1%	39,215	5602.4

* Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change
^ Texas reported age for only 4% 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

Appendix Table 4: Child Testing Data Available on 1/7/21*

COVID-19 Testing and Children

Location	Age range	Cumulative total tests (all ages)	Cumulative child tests	Percent children of total tests	Positive rate^
Arizona	0-19	2,974,034	507,325	17.1%	17.5%
Illinois	0-19	13,698,428	1,599,183	11.7%	8.9%
Indiana	0-19	5,894,505	1,049,222	17.8%	7.1%
Iowa	0-17	1,950,708	117,042	6.0%	25.9%
Minnesota	0-19	5,723,053	745,375	13.0%	9.3%
Nevada	0-19	2,162,129	276,753	12.8%	11.7%
Rhode Island	0-18	603,629	89,663	14.9%	12.2%
Tennessee	0-20	5,716,342	924,397	16.2%	12.0%
West Virginia	0-19	1,587,748	182,432	11.5%	7.1%
Wyoming	0-18	517,839	62,659	12.1%	12.6%

* 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

Appendix Table 5: Child Hospitalization Data Available on 1/7/21*

COVID-19-Associated Hospitalizations and Children

Location	Age range	Cumulative child hospitalizations	Cumulative total hospitalizations (all ages)	Percent children of total hospitalizations	Hospitalization rate^
Alaska	0-19	19	1,054	1.8%	0.2%
Arizona[#]	0-19	1,112	41,063	2.7%	1.3%
Colorado	0-19	530	19,703	2.7%	1.0%
Florida	0-14	817	64,321	1.3%	0.8%
Georgia	0-17	761	43,629	1.7%	1.2%
Hawaii	0-17	18	1,295	1.4%	0.7%
Idaho	0-17	112	5,871	1.9%	0.7%
Indiana	0-19	486	36,314	1.3%	0.6%
Kansas	0-17	118	7,113	1.7%	0.5%
Minnesota	0-19	641	22,541	2.8%	0.9%
Mississippi	0-17	136	8,260	1.6%	0.5%
Nebraska	0-19	93	5,386	1.7%	0.4%
New Hampshire	0-19	11	919	1.2%	0.2%
New Jersey	0-17	612	49,324	1.2%	1.4%
NYC	0-17	918	70,020	1.3%	3.1%
Ohio	0-19	845	40,104	2.1%	1.0%
Oregon	0-19	158	6,793	2.3%	0.9%
Rhode Island	0-18	139	6,806	2.0%	1.3%
South Carolina	0-20	255	15,015	1.7%	0.4%
South Dakota	0-19	138	5,805	2.4%	0.9%
Tennessee	0-20	367	14,935	2.5%	0.3%
Utah	0-14	206	11,463	1.8%	0.7%
Virginia	0-19	338	18,790	1.8%	0.6%
Washington	0-19	284	15,415	1.8%	0.7%
Wisconsin	0-19	547	21,971	2.5%	0.7%

* 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

As of 10/8/20, AZ revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

Appendix Table 6A: Child Mortality Data Available on 1/7/21*

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^
Alabama [#]	0-17	7	4,994	0.14%	0.02%
Alaska	0-19	0	219	0.00%	0.00%
Arizona	0-19	17	9,444	0.18%	0.02%
Arkansas	0-17	0	3,901	0.00%	0.00%
California	0-17	6	27,222	0.02%	0.00%
Colorado	0-19	7	5,050	0.14%	0.01%
Connecticut	0-19	2	6,230	0.03%	0.01%
Delaware	0-17	0	947	0.00%	0.00%
District of Columbia	0-19	0	806	0.00%	0.00%
Florida	0-14	5	22,317	0.02%	0.01%
Georgia	0-17	8	10,035	0.08%	0.01%
Hawaii	0-17	0	287	0.00%	0.00%
Idaho	0-17	0	1,488	0.00%	0.00%
Illinois	0-19	11	17,096	0.06%	0.01%
Indiana	0-19	6	8,371	0.07%	0.01%
Iowa	0-17	2	4,060	0.05%	0.01%
Kansas	0-17	0	3,027	0.00%	0.00%
Kentucky	0-19	2	2,806	0.07%	0.00%
Louisiana	0-17	7	7,273	0.10%	0.02%
Maine	0-19	0	385	0.00%	0.00%
Maryland	0-19	6	6,132	0.10%	0.01%
Minnesota	0-19	1	5,528	0.02%	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

Appendix Table 6B: Child Mortality Data Available on 1/7/21*

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^
Mississippi	0-17	2	5,013	0.04%	0.01%
Missouri	0-17	2	5,882	0.03%	0.00%
Nebraska	0-19	3	1,703	0.18%	0.01%
Nevada	0-19	7	3,295	0.20%	0.02%
New Hampshire	0-19	0	816	0.00%	0.00%
New Jersey	0-17	5	17,464	0.03%	0.01%
North Carolina	0-17	1	7,076	0.01%	0.00%
North Dakota	0-19	1	1,342	0.07%	0.01%
NYC	0-17	21	25,362	0.08%	0.07%
Ohio	0-19	4	9,368	0.04%	0.00%
Oklahoma	0-17	1	2,633	0.04%	0.00%
Oregon	0-19	0	1,558	0.00%	0.00%
Pennsylvania	0-19	5	17,179	0.03%	0.01%
South Dakota	0-19	0	1,519	0.00%	0.00%
Tennessee	0-20	7	7,381	0.09%	0.01%
Texas[#]	0-19	34	27,771	0.12%	--
Vermont	0-19	0	155	0.00%	0.00%
Virginia	0-19	1	5,275	0.02%	0.00%
Washington	0-19	5	3,605	0.14%	0.01%
Wisconsin	0-19	2	5,435	0.04%	0.00%
Wyoming	0-18	0	464	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;
[#] As of 7/30/20, Texas provided age distribution for all COVID-19-associated deaths; Texas reported age for only 4% of total confirmed cases; Percent of child cases resulting in death omitted for Texas;
 Data for Texas in this report is limited to the case count for which age is provided

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 Tracking Project: Definitions](#); [CDC, 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, [Texas Public Schools COVID-19 Data](#)).

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 [US 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 [AAP Critical Updates](#) 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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