

Children and COVID-19: State Data Report

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

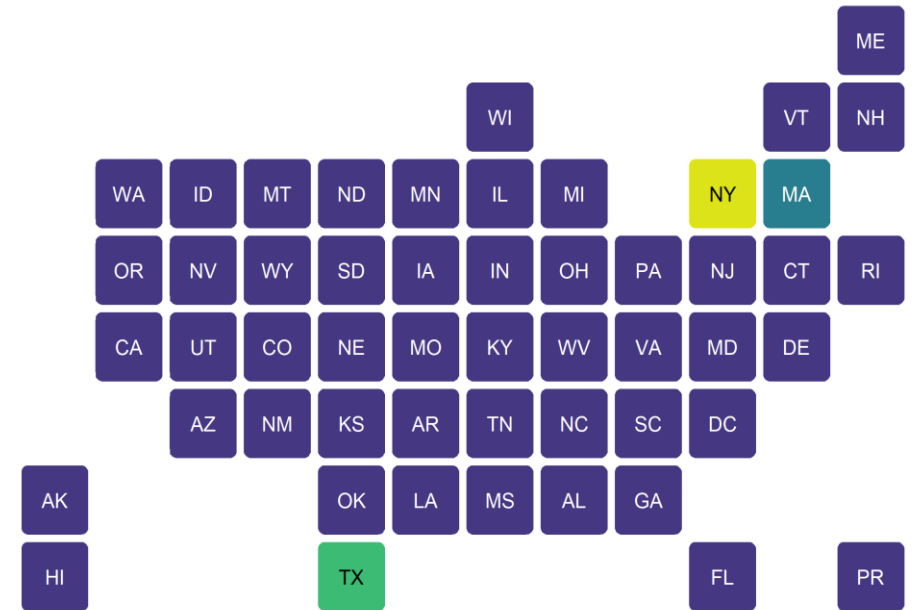
Summary of publicly reported data from 49 states, NYC, DC, PR, and GU

Version: 12/31/20

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 12/31/20
- **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
 - 43 states and NYC provided age distribution of deaths

Fig 1A: States Reporting Age Distribution of COVID-19 Cases as of 12/31/20



Reporting age distribution of COVID-19 cases:

- Yes: Reported age distribution of cases
- TX: Reported age distribution for only 5% 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

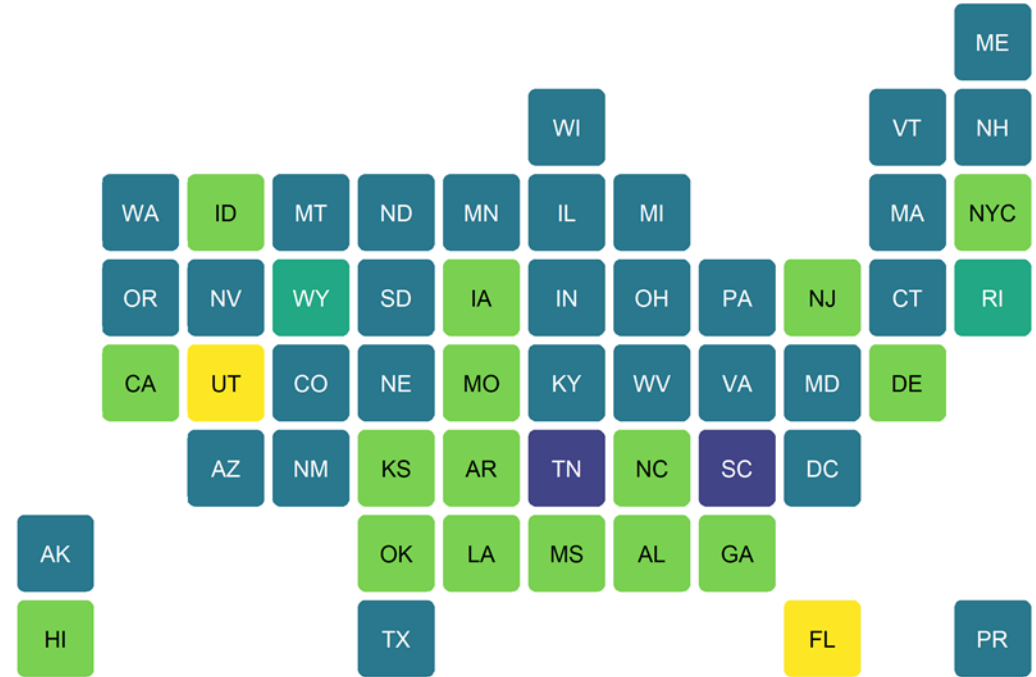
General Limitations

- 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

- NY: Did not provide age distribution for state-wide cases (NYC only)
- TX: Age distribution reported for only 4% of confirmed cases (67,442/1,536,265), resulting in an undercount of child cases; TX is excluded from some figures
- AL: As of 8/13, changed definition of child case from 0-24 to 0-17 years; as of 9/17, provided age distribution for confirmed cases only
- HI: As of 8/27, changed definition of child case from 0-19 to 0-17 years
- MA: As of 9/3, 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, changed definition of child case from 0-19 to 0-18 years
- MO: As of 10/1, 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 12/31/20



Child Age Range Reported (years):

0-14 0-17 0-18 0-19 0-20

Children and COVID-19: 12/31/20

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*

- 2,128,587 total child COVID-19 cases reported, and children represented 12.4% (2,128,587/17,137,295) of all cases
- Overall rate: 2,828 cases per 100,000 children in the population

Change in Child COVID-19 Cases*

- 127,906 new child COVID-19 cases were reported the past week from 12/24-12/31 (2,000,681 to 2,128,587)
- Over two weeks, 12/17-12/31, there was a 17% increase in child COVID-19 cases (306,841 new cases (1,821,746 to 2,128,587))

Testing (10 states reported)*

- Children made up between 6.0%-17.9% of total state tests, and between 6.5%-25.0% of children tested were tested positive

Hospitalizations (24 states and NYC reported)*

- Children were 1.1%-2.9% of total reported hospitalizations, and between 0.2%-3.4% of all child COVID-19 cases resulted in hospitalization

Mortality (43 states and NYC reported)*

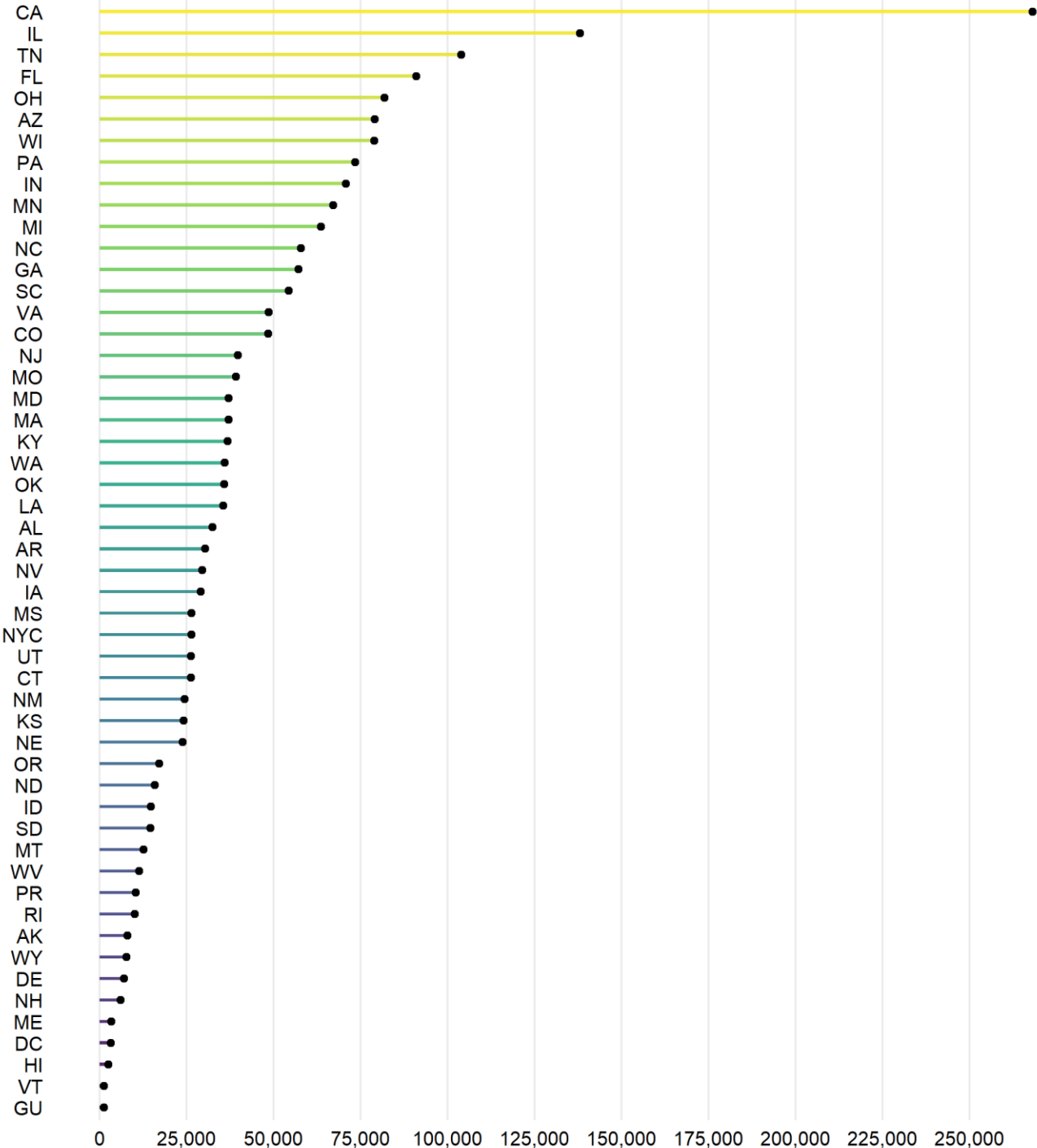
- Children were 0.00%-0.19% of all COVID-19 deaths, and 13 states reported zero child deaths
- In states reporting, 0.00%-0.08% of all child COVID-19 cases resulted in death

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: 12/31/20

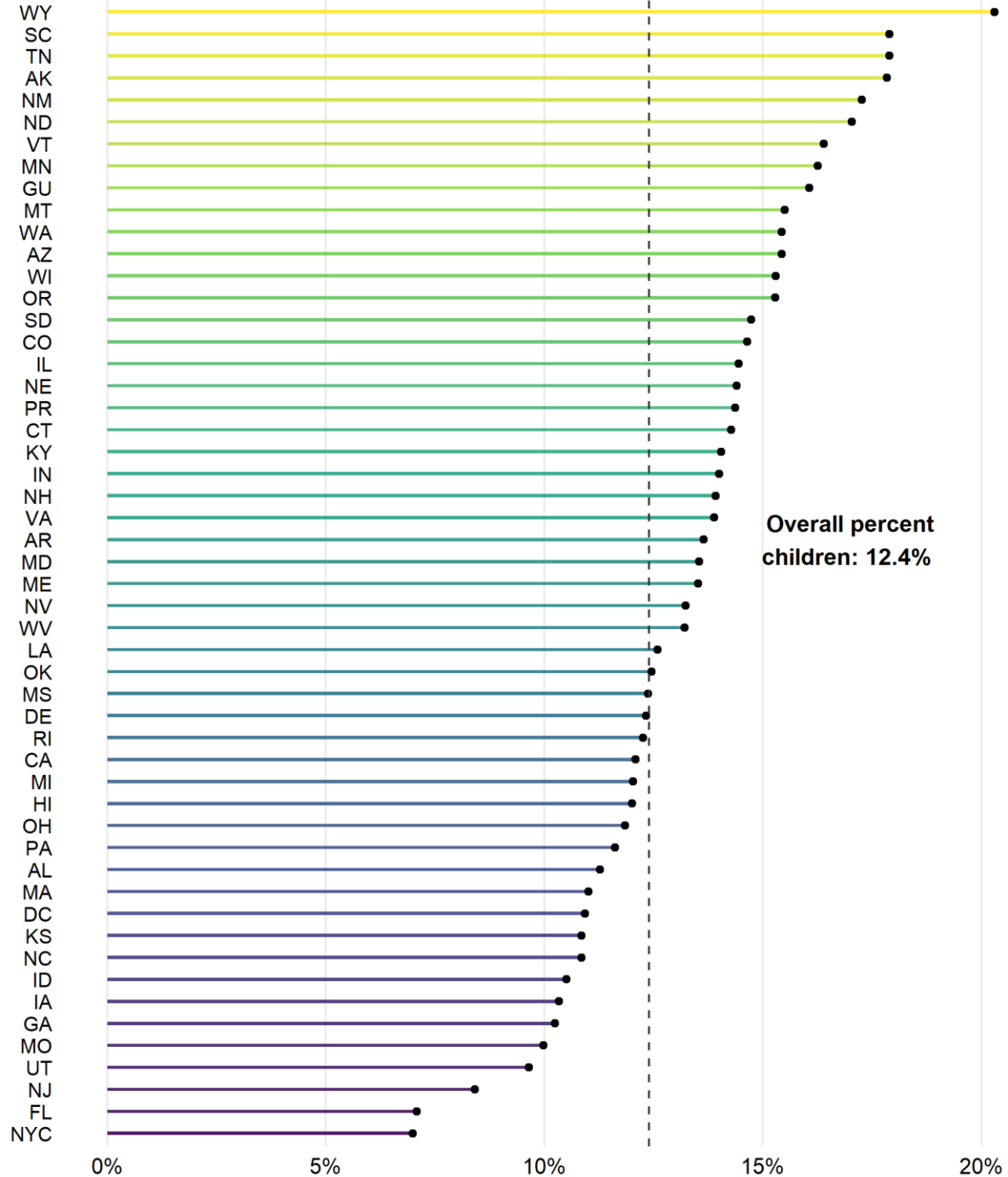
- 2,128,587 total child COVID-19 cases (cumulative)
- Thirteen states reported 55,000+ child cases
- Eight states reported fewer than 10,000 child cases



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
Analysis by American Academy of Pediatrics and Children's Hospital Association

Fig 3. Percent of Cumulative COVID-19 Cases that were Children: 12/31/20

- Children represented 12.4% (2,128,587/17,137,295) 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)
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 4. Cumulative COVID-19 Cases per 100,000 Children: 12/31/20

- Calculated using state-level population estimates from US Census Bureau (2019)*
- Overall rate: 2,828 child COVID-19 cases per 100,000 children in the population
- 16 states reported more than 4,000 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
 * Source: US Census Bureau, State Population by Characteristics: 2010-2019,
<https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-detail.html>

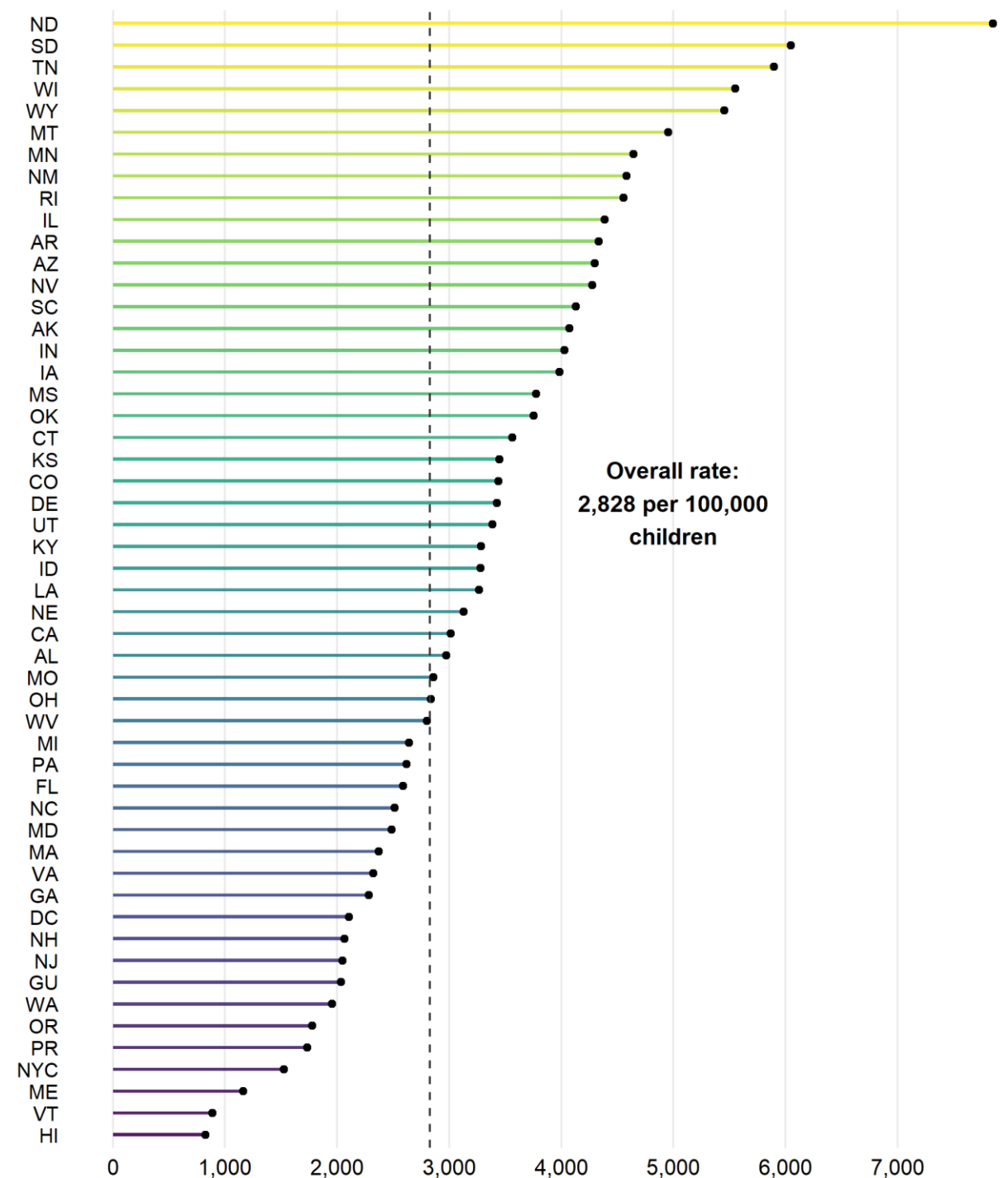
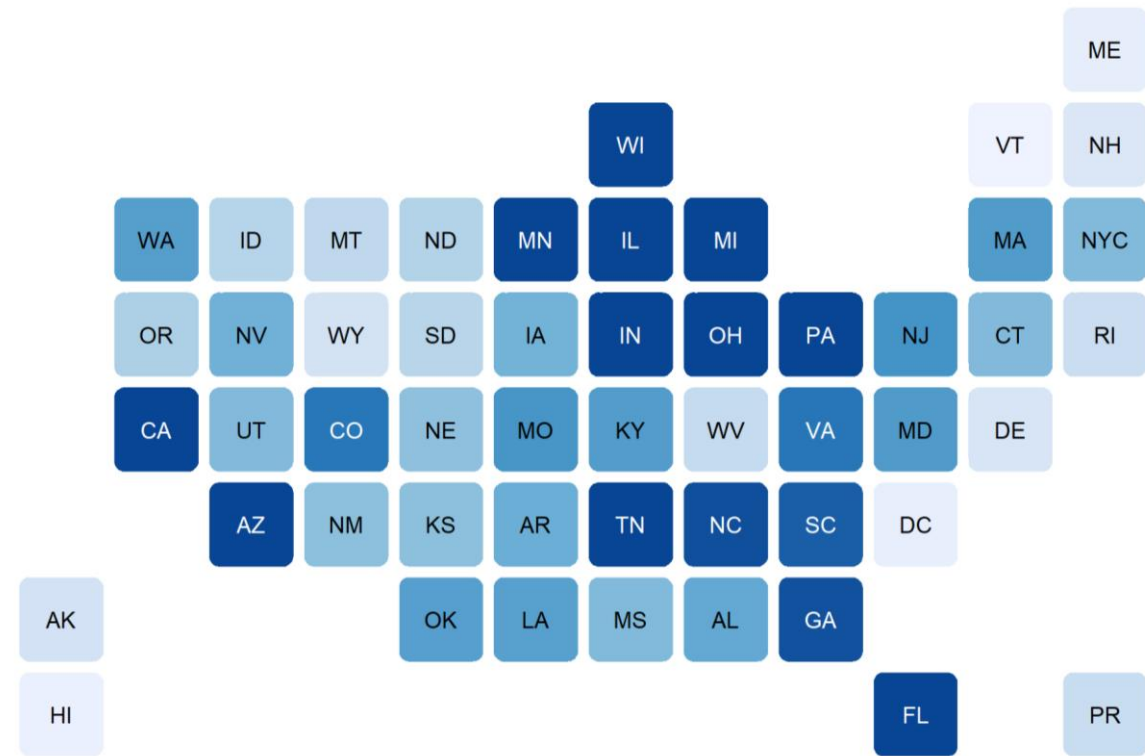


Fig 5. Cumulative Child COVID-19 Cases and Percent Increase in Child Cases

A. Cumulative Child COVID-19 Cases, 12/31/20

13 states with 55,000+ cumulative child cases

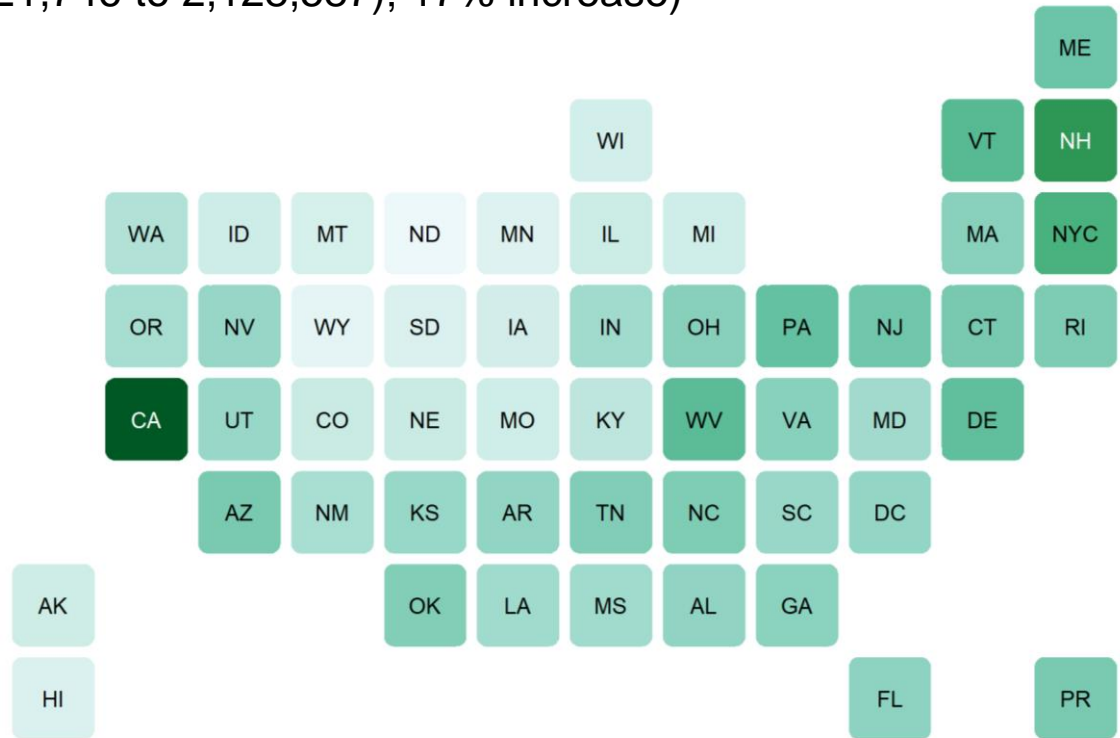


Cumulative child COVID-19 cases (thousands)

10 20 30 40 50 60⁺

B. Percent Increase in Child Cases, 12/17/20-12/31/20

From 12/17-12/31, there were 306,841 new child cases reported (1,821,746 to 2,128,587); 17% increase)

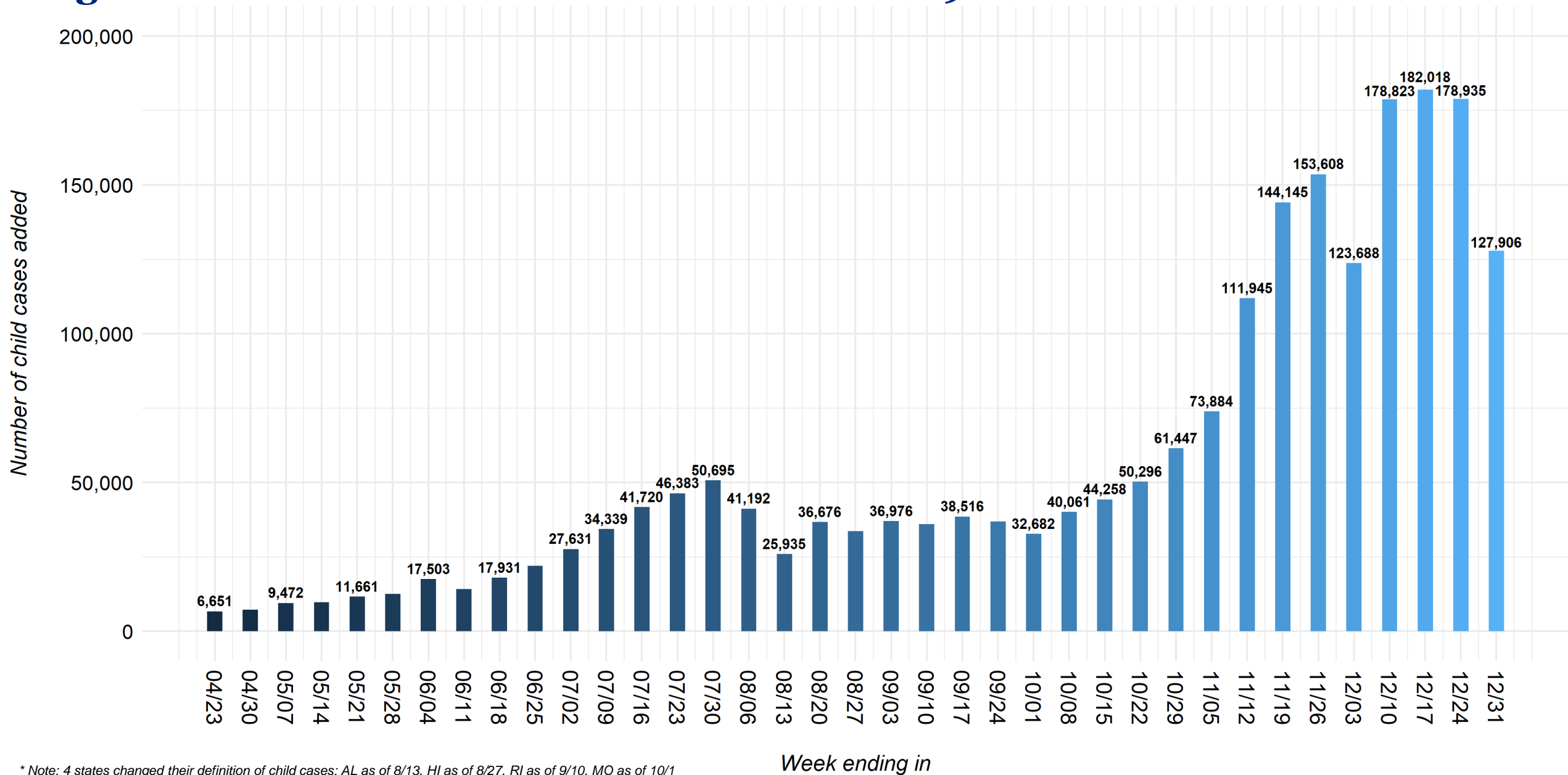


Percent increase

10 20 30⁺

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, HI as of 8/27, RI as of 9/10, MO as of 10/1
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 12/31/20

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	17,137,295	2,128,587	12.4%	2828.1

* 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 – 12/31*

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases [^]	Percent children of total cases	Cases per 100,000 children
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, 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 – 12/31*

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, 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 – 12/31*

Date~	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
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 and 12/24 are not included

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

As of 10/8, 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 – 12/31*

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 – 12/31*

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%
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 and 12/24 are not included

^ Number of child deaths / number of child cases

As of 8/27, 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 – 12/31*

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 12/31/20*



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	32,364	11.3%	287,173	2972.8
Alaska	0-19	196,852	8,019	17.8%	44,966	4073.6
Arizona	0-19	1,838,598	79,067	15.4%	512,489	4300.4
Arkansas	0-17	700,155	30,358	13.6%	222,430	4335.9
California	0-17	8,894,641	268,121	12.1%	2,218,142	3014.4
Colorado	0-19	1,407,971	48,438	14.6%	330,859	3440.3
Connecticut	0-19	735,193	26,210	14.3%	183,663	3565.1
Delaware	0-17	203,572	6,975	12.3%	56,596	3426.3
District of Columbia	0-19	149,337	3,143	10.9%	28,758	2104.6
Florida	0-14	3,512,139	90,966	7.1%	1,283,701	2590.0
Georgia	0-17	2,503,881	57,177	10.2%	558,177	2283.5
Guam	0-19	57,727	1,175	16.1%	7,317	2035.4
Hawaii	0-17	299,868	2,482	12.0%	20,667	827.7
Idaho	0-17	448,201	14,690	10.5%	139,864	3277.5
Illinois	0-19	3,145,309	138,047	14.4%	955,380	4389.0
Indiana	0-19	1,755,070	70,702	14.0%	505,017	4028.5
Iowa	0-17	726,841	28,972	10.3%	280,289	3986.0
Kansas	0-17	700,250	24,145	10.9%	222,433	3448.1
Kentucky	0-19	1,118,934	36,741	14.1%	261,492	3283.6
Louisiana	0-17	1,087,630	35,540	12.6%	282,148	3267.7
Maine	0-19	281,158	3,273	13.5%	24,201	1164.1
Maryland	0-19	1,489,721	37,057	13.5%	273,689	2487.5
Massachusetts[#]	0-19	1,558,231	36,970	11.0%	335,731	2372.6
Michigan	0-19	2,407,690	63,607	12.0%	528,621	2641.8
Minnesota	0-19	1,445,346	67,139	16.3%	413,107	4645.2
Mississippi	0-17	698,583	26,364	12.4%	213,055	3773.9
Missouri[†]	0-17	1,370,585	39,199	10.0%	392,570	2860.0

* Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change; ^ As of 8/13, AL changed definition of child case from 0-24 to 0-17 years

As of 9/3, MA only reported age distribution of cases added in last two weeks but not for total cases to date; 12/31 totals calculated using MA Dept. of Public Health Weekly Report published 12/31 (data from 12/13-12/26) and 12/10 version of this report

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

Appendix Table 3B: Child COVID-19 Case Data Available on 12/31/20*



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	12,601	15.5%	81,300	4952.9
Nebraska	0-19	760,272	23,803	14.4%	165,297	3130.8
Nevada	0-19	688,997	29,469	13.2%	222,594	4277.1
New Hampshire	0-19	291,038	6,018	13.9%	43,242	2067.8
New Jersey	0-17	1,938,578	39,725	8.4%	472,264	2049.2
New Mexico	0-19	531,712	24,371	17.3%	141,186	4583.5
North Carolina	0-17	2,300,715	57,810	10.8%	532,830	2512.7
North Dakota	0-19	200,777	15,762	17.0%	92,495	7850.5
NYC	0-17	1,726,900	26354	7.0%	376,983	1526.1
Ohio	0-19	2,886,873	81,844	11.8%	690,748	2835.0
Oklahoma	0-17	952,238	35,751	12.5%	287,030	3754.4
Oregon	0-19	965,480	17,158	15.3%	112,260	1777.1
Pennsylvania	0-19	2,801,187	73,374	11.6%	631,333	2619.4
Puerto Rico	0-19	594,011	10,296	14.4%	71,650	1733.3
Rhode Island	0-18	220,525	10,043	12.3%	81,951	4554.1
South Carolina	0-20	1,314,988	54,322	17.9%	303,475	4131.0
South Dakota	0-19	240,567	14,546	14.7%	98,720	6046.5
Tennessee	0-20	1,762,659	103,933	17.9%	580,809	5896.4
Texas^	0-19	8,210,585	4,656	6.9%	67,442	--
Utah	0-14	774,764	26,238	9.6%	271,940	3386.6
Vermont	0-19	134,415	1,193	16.4%	7,276	887.5
Virginia	0-19	2,087,426	48,535	13.9%	349,584	2325.1
Washington	0-19	1,840,306	35,951	15.4%	232,993	1953.5
West Virginia	0-19	402,473	11,273	13.2%	85,334	2800.8
Wisconsin	0-19	1,422,095	78,947	15.3%	516,226	5551.5
Wyoming	0-18	140,694	7,673	20.3%	37,798	5453.7

* 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 12/31/20*

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	2,812,466	477,017	17.0%	16.6%
Illinois	0-19	13,178,017	1,566,221	11.9%	8.8%
Indiana	0-19	5,627,342	1,007,294	17.9%	7.0%
Iowa	0-17	1,930,810	115,849	6.0%	25.0%
Minnesota	0-19	5,489,906	719,334	13.1%	9.3%
Nevada	0-19	1,157,654	143,297	12.4%	20.6%
Rhode Island	0-18	582,773	86,127	14.8%	11.7%
Tennessee	0-20	5,547,313	899,316	16.2%	11.6%
West Virginia	0-19	1,498,692	174,747	11.7%	6.5%
Wyoming	0-18	498,063	61,262	12.3%	12.5%

* 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 12/31/20*

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	18	997	1.8%	0.2%
Arizona[#]	0-19	987	36,784	2.7%	1.2%
Colorado	0-19	537	18,502	2.9%	1.1%
Florida	0-14	796	62,508	1.3%	0.9%
Georgia	0-17	724	41,778	1.7%	1.3%
Hawaii	0-17	18	1,256	1.4%	0.7%
Idaho	0-17	110	5,567	2.0%	0.7%
Indiana	0-19	476	34,761	1.4%	0.7%
Kansas	0-17	114	6,760	1.7%	0.5%
Minnesota	0-19	623	21,864	2.8%	0.9%
Mississippi	0-17	133	8,145	1.6%	0.5%
Nebraska	0-19	87	5,220	1.7%	0.4%
New Hampshire	0-19	10	901	1.1%	0.2%
New Jersey	0-17	579	47,090	1.2%	1.5%
NYC	0-17	898	68,389	1.3%	3.4%
Ohio	0-19	789	38,002	2.1%	1.0%
Oregon	0-19	154	6,455	2.4%	0.9%
Rhode Island	0-18	130	6,421	2.0%	1.3%
South Carolina	0-20	270	14,236	1.9%	0.5%
South Dakota	0-19	136	5,639	2.4%	0.9%
Tennessee	0-20	356	14,417	2.5%	0.3%
Utah	0-14	196	10,873	1.8%	0.7%
Virginia	0-19	323	18,041	1.8%	0.7%
Washington	0-19	271	14,571	1.9%	0.8%
Wisconsin	0-19	524	21,207	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, AZ revised hospitalization data, resulting in a downward revision of cumulative child hospitalizations

Appendix Table 6A: Child Mortality Data Available on 12/31/20*

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	5	4,774	0.10%	0.02%
Alaska	0-19	0	202	0.00%	0.00%
Arizona	0-19	14	8,718	0.16%	0.02%
Arkansas	0-17	0	3,637	0.00%	0.00%
California	0-17	6	24,738	0.02%	0.00%
Colorado	0-19	6	4,750	0.13%	0.01%
Connecticut	0-19	2	5,964	0.03%	0.01%
Delaware	0-17	0	921	0.00%	0.00%
District of Columbia	0-19	0	780	0.00%	0.00%
Florida	0-14	5	21,546	0.02%	0.01%
Georgia	0-17	7	9,808	0.07%	0.01%
Hawaii	0-17	0	283	0.00%	0.00%
Idaho	0-17	0	1,403	0.00%	0.00%
Illinois	0-19	10	16,357	0.06%	0.01%
Indiana	0-19	6	7,812	0.08%	0.01%
Iowa	0-17	2	3,822	0.05%	0.01%
Kansas	0-17	0	2,741	0.00%	0.00%
Kentucky	0-19	2	2,594	0.08%	0.01%
Louisiana	0-17	7	7,078	0.10%	0.02%
Maine	0-19	0	347	0.00%	0.00%
Maryland	0-19	5	5,848	0.09%	0.01%
Massachusetts [^]	0-19	2	12,010	0.02%	0.01%
Minnesota	0-19	1	5,262	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, AL changed definition of child case, resulting in a downward revision of cumulative child deaths

^ As of 9/3, MA only reported age distribution of cases added in last two weeks but not for total cases to date; 12/31 totals calculated using MA Dept. of Public Health Weekly Report published 12/31 (data from 12/13-12/26) and 12/10 version of this report

Appendix Table 6B: Child Mortality Data Available on 12/31/20*

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	4,747	0.04%	0.01%
Missouri	0-17	2	5,519	0.04%	0.01%
Nebraska	0-19	3	1,611	0.19%	0.01%
Nevada	0-19	5	3,066	0.16%	0.02%
New Hampshire	0-19	0	741	0.00%	0.00%
New Jersey	0-17	4	16,931	0.02%	0.01%
North Carolina	0-17	2	6,729	0.03%	0.00%
North Dakota	0-19	1	1,292	0.08%	0.01%
NYC	0-17	21	25,099	0.08%	0.08%
Ohio	0-19	4	8,855	0.05%	0.00%
Oklahoma	0-17	1	2,453	0.04%	0.00%
Oregon	0-19	0	1,468	0.00%	0.00%
Pennsylvania	0-19	5	15,672	0.03%	0.01%
South Dakota	0-19	0	1,464	0.00%	0.00%
Tennessee	0-20	7	6,810	0.10%	0.01%
Texas [#]	0-19	34	26,408	0.13%	--
Vermont	0-19	0	134	0.00%	0.00%
Virginia	0-19	1	5,032	0.02%	0.00%
Washington	0-19	5	3,420	0.15%	0.01%
Wisconsin	0-19	2	5,192	0.04%	0.00%
Wyoming	0-18	0	405	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, 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 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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