

Children and COVID-19: State Data Report

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

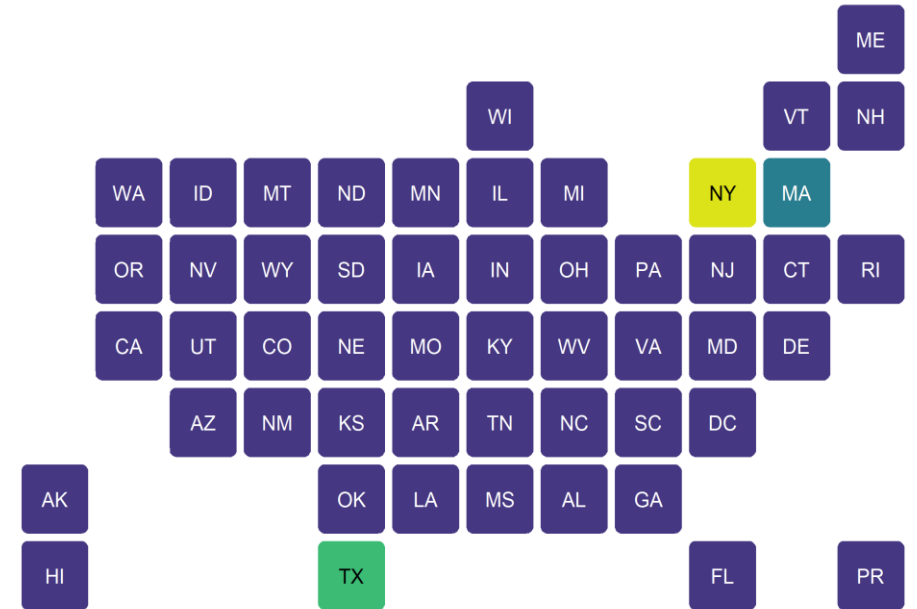
Summary of publicly reported data from 49 states, NYC, DC, PR, and GU

Version: 12/10/20

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 12/10/20
- **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
 - 42 states and NYC provided age distribution of deaths

Fig 1A: States Reporting Age Distribution of COVID-19 Cases as of 12/10/20



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

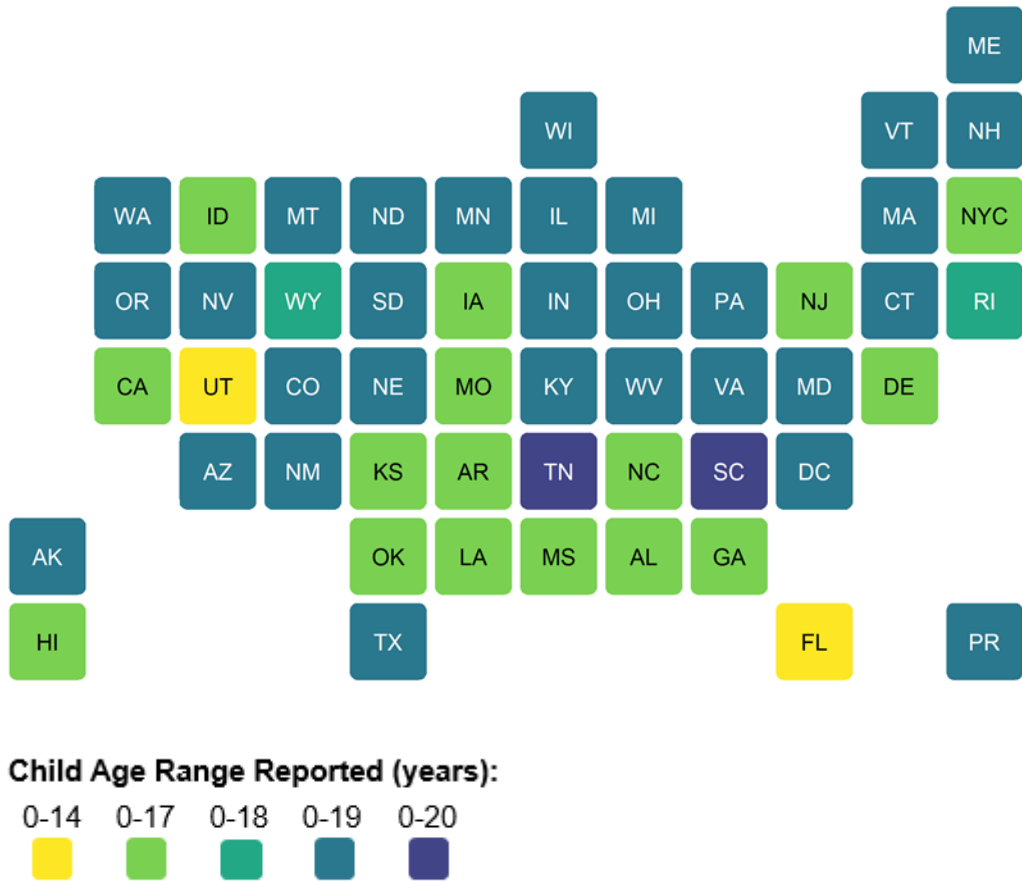
General Limitations

- 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: Reported age distribution for only 5% of all cases and 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
- IA: As of 12/10, reported age distribution of cases added in the last week but not for total cases to date

Fig 1B: Child Age Ranges of COVID-19 Cases Reported by States as of 12/10/20



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: 12/10/20

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*

- 1,639,728 total child COVID-19 cases reported, and children represented 12.2% (1,639,728/13,462,337) of all cases
- Overall rate: 2,179 cases per 100,000 children in the population

Change in Child COVID-19 Cases*

- 178,823 new child COVID-19 cases were reported the past week from 12/3-12/10 (1,460,905 to 1,639,728)
- Over two weeks, 11/26-12/10, there was a 23% increase in child COVID-19 cases (302,511 new cases (1,337,217 to 1,639,728))

Testing (10 states reported)*

- Children made up between 6.0%-17.8% of total state tests, and between 5.2%-23.1% of children tested were tested positive

Hospitalizations (24 states and NYC reported)*

- Children were 1.2%-2.9% of total reported hospitalizations, and between 0.2%-4.4% of all child COVID-19 cases resulted in hospitalization

Mortality (42 states and NYC reported)*

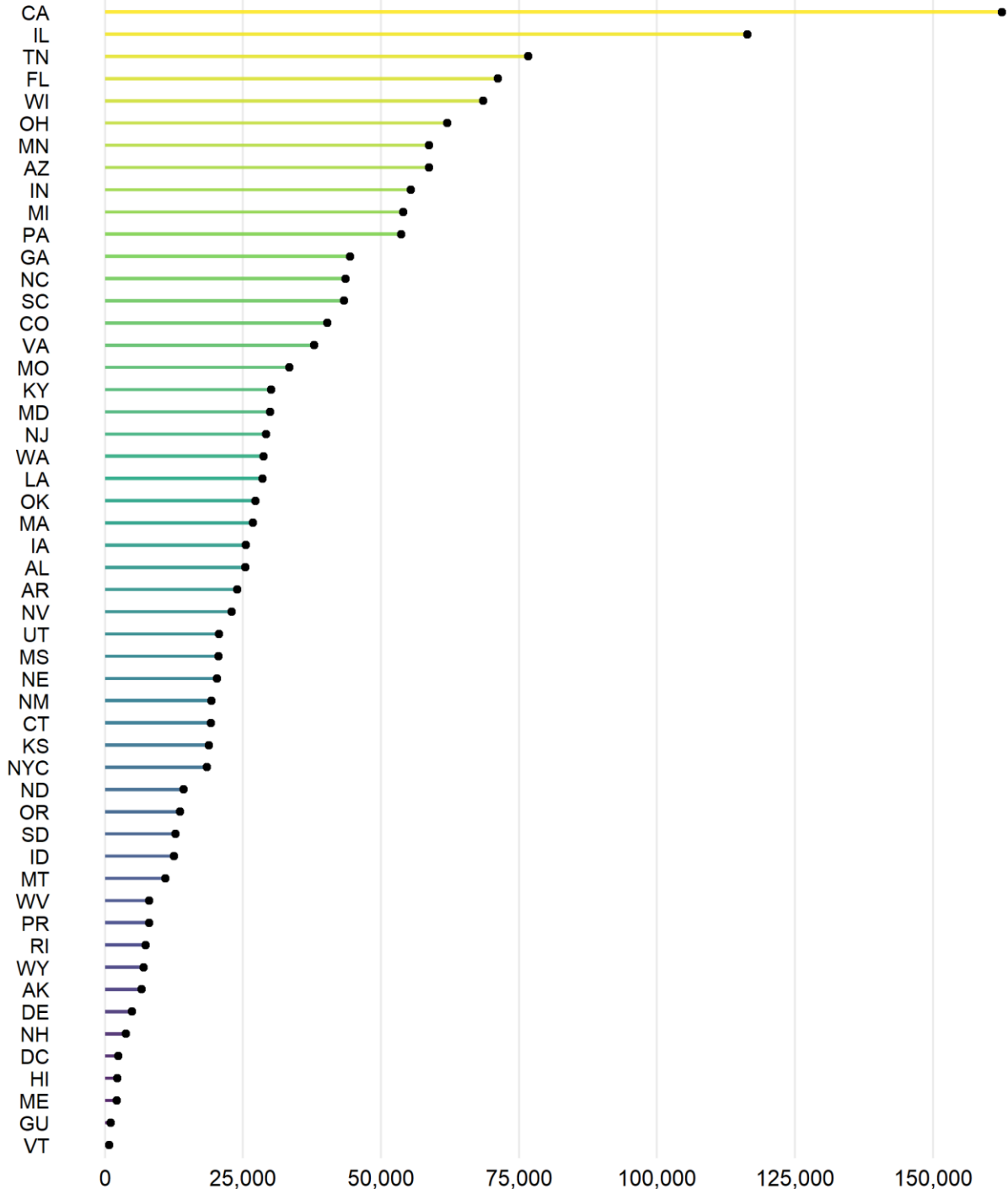
- Children were 0.00%-0.21% of all COVID-19 deaths, and 15 states reported zero child deaths
- In states reporting, 0.00%-0.10% of all child COVID-19 cases resulted in death

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: 12/10/20

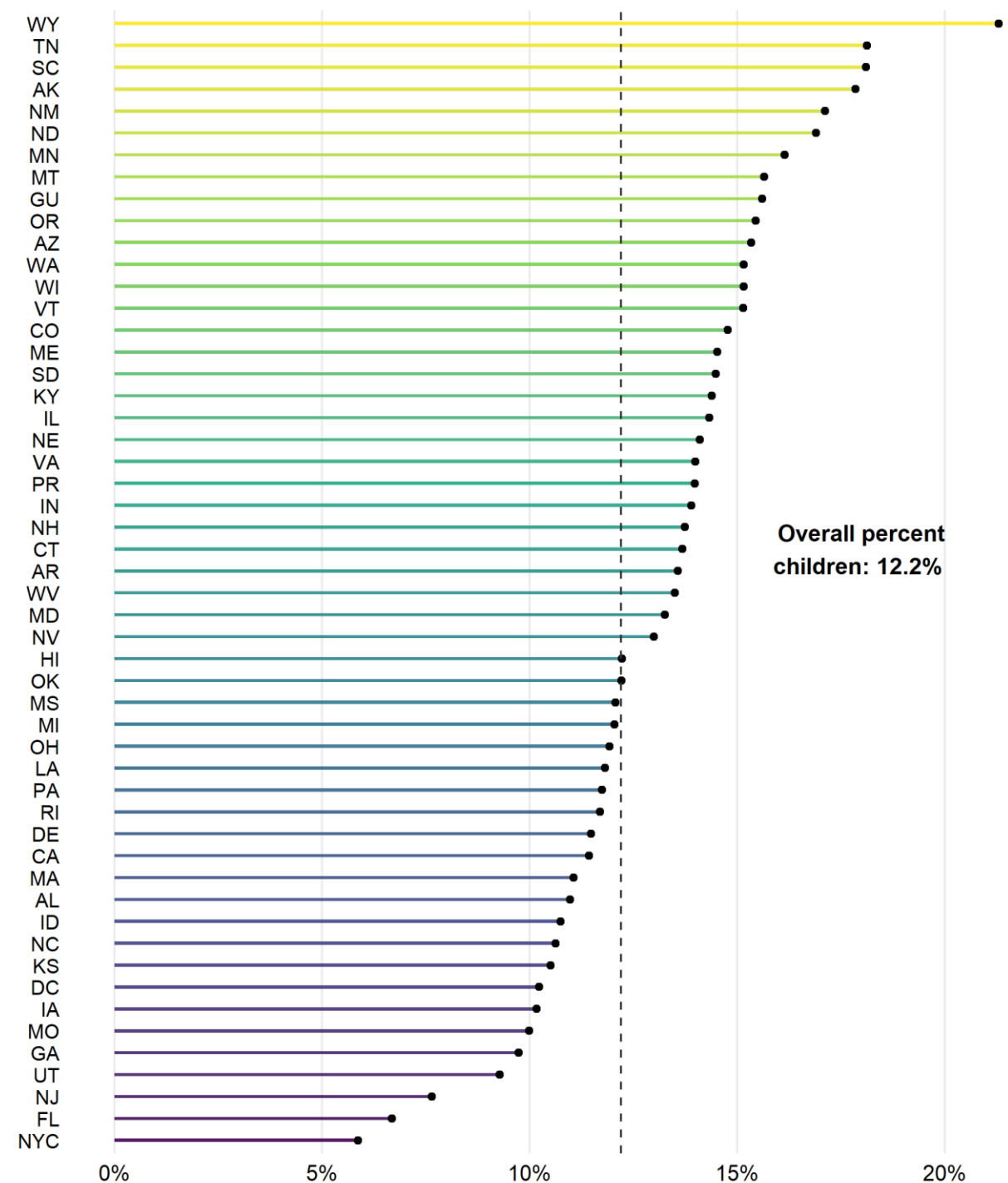
- 1,639,728 total child COVID-19 cases (cumulative)
- Eleven states reported 50,000+ child cases
- One state reported fewer than 1,000 child cases



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: 12/10/20

- Children represented 12.2% (1,639,728/13,462,337) of all available cases
- Thirteen states reported 15% or more of cases were children
- NYC reported that only 5.9% 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: 12/10/20

- Calculated using state-level population estimates from US Census Bureau (2019)*
- Overall rate: 2,179 child COVID-19 cases per 100,000 children in the population
- Ten states reported more than 3,500 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>

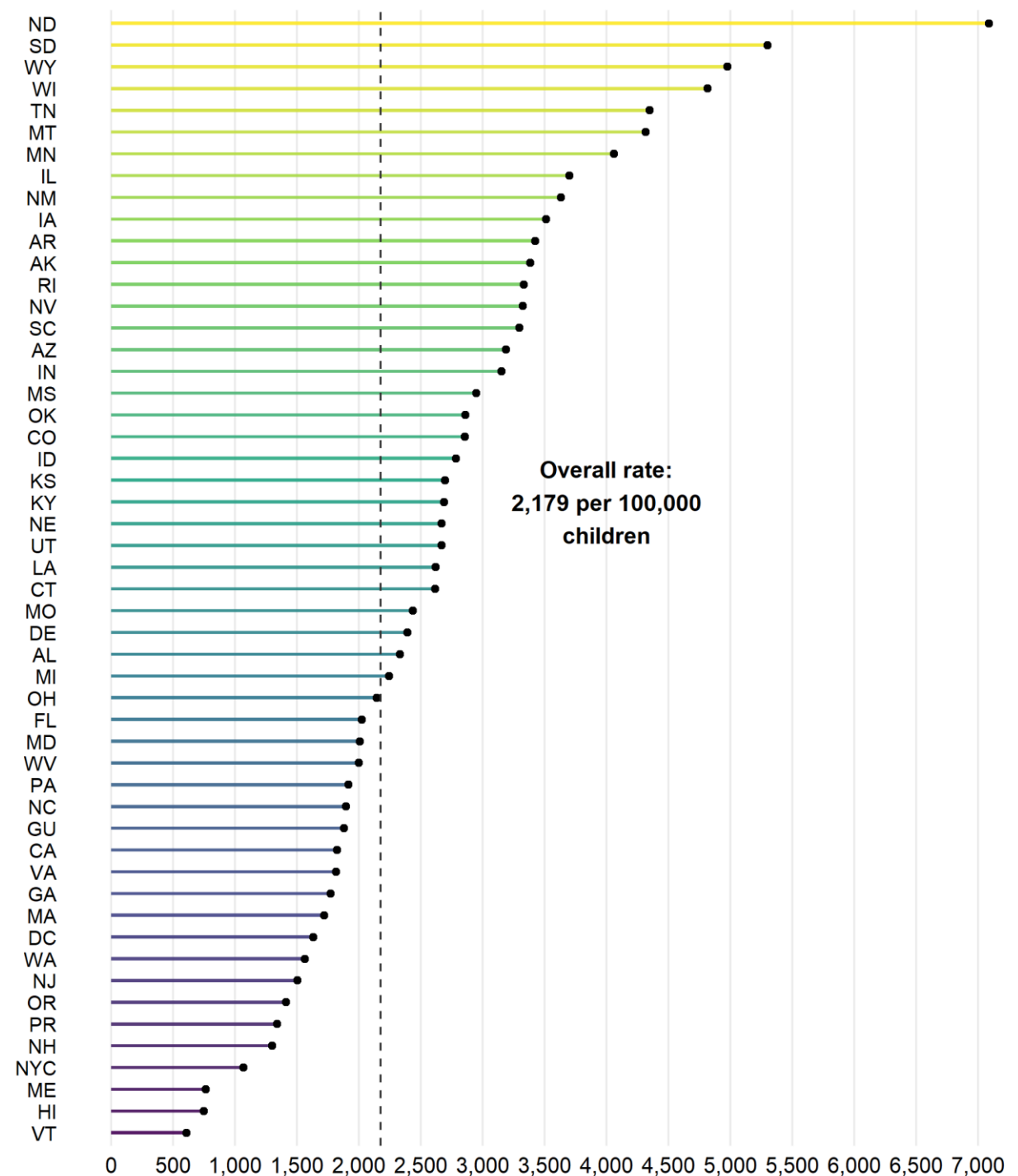
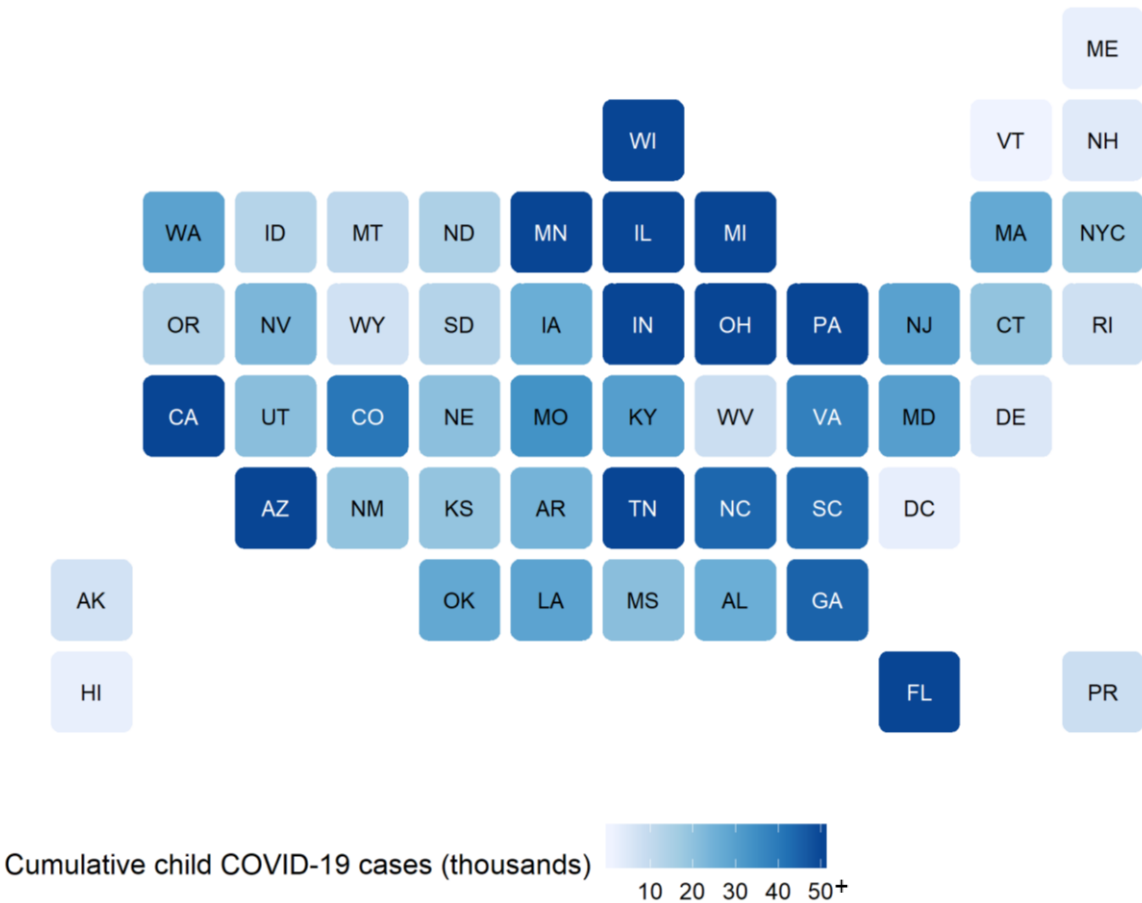


Fig 5. Cumulative Child COVID-19 Cases and Percent Increase in Child Cases

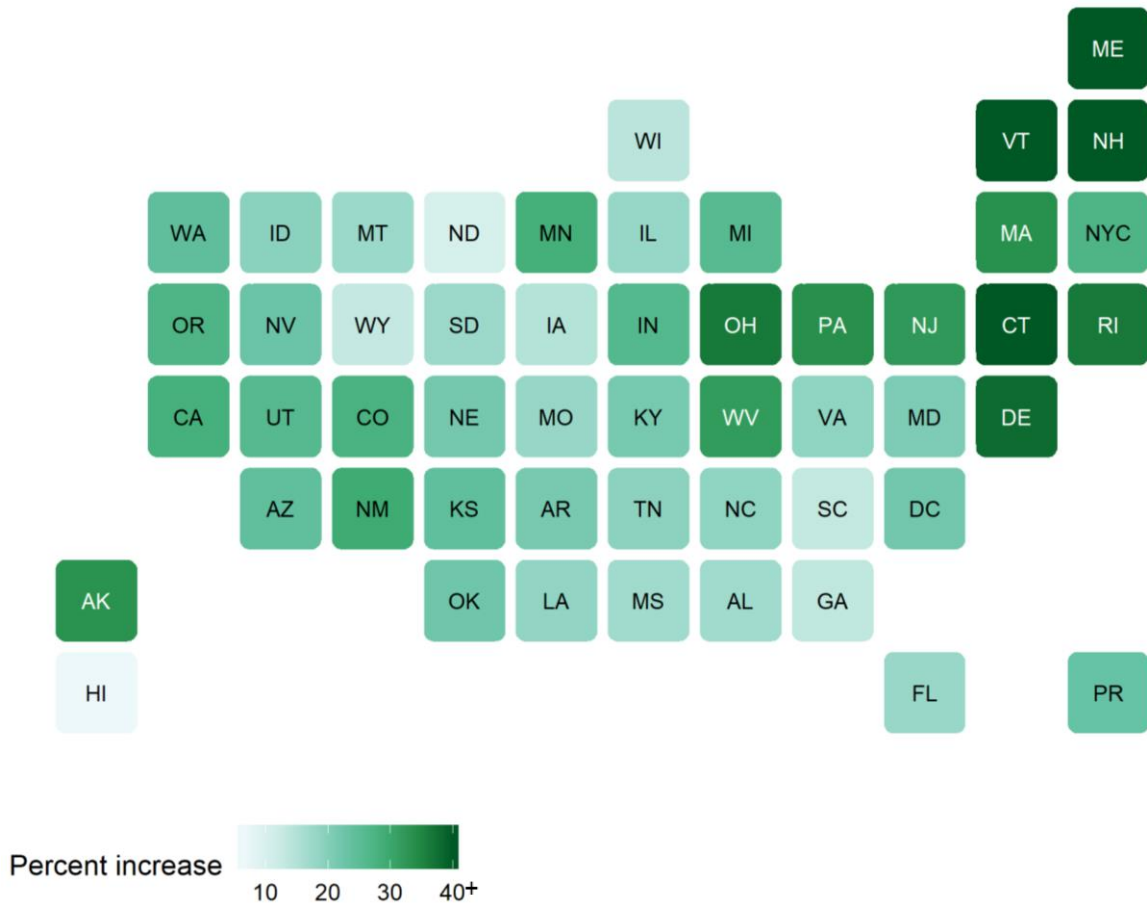
A. Cumulative Child COVID-19 Cases, 12/10/20

11 states with 50,000+ cumulative child cases



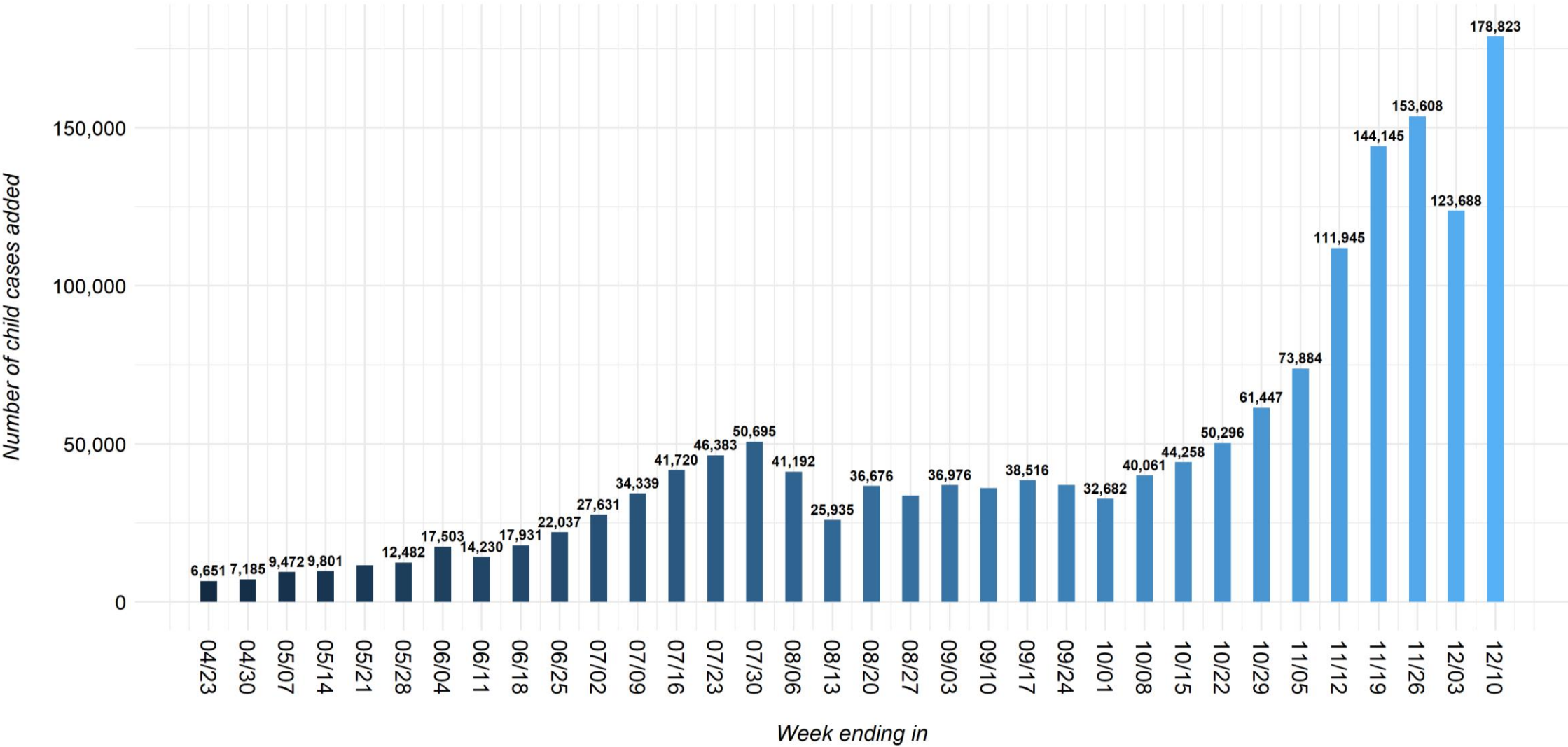
B. Percent Increase in Child Cases, 11/26/20-12/10/20

From 11/26-12/10, there were 302,511 new child cases reported (1,337,217 to 1,639,728); 23% 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, 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 12/10/20

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	13,462,337	1,639,728	12.2%	2178.6

* 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 – 12/10*

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
12/10/20	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 – 12/10*

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 – 12/10*

Date~	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
12/10/20	24 states and NYC	445,394	7,913	1.8%	1.3%
12/3/20	24 states and NYC	421,766	7,515	1.8%	1.4%
11/19/20	24 states and NYC	381,141	6,716	1.8%	1.5%
11/12/20	23 states and NYC	362,453	6,337	1.7%	1.6%
11/5/20	24 states and NYC	360,724	6,172	1.7%	1.7%
10/29/20	24 states and NYC	348,296	5,899	1.7%	1.8%
10/22/20	24 states and NYC	324,720	5,585	1.7%	1.8%
10/15/20	24 states and NYC	314,715	5,353	1.7%	1.9%
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%	1.7%
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%	2.3%

* 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 the week ending 11/26 is 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 – 12/10*

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%	1.9%
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%	2.9%
6/11/20	19 states and NYC	134,600	1,322	1.0%	3.3%
6/4/20	19 states and NYC	128,779	1,231	1.0%	3.3%
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 – 12/10*

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^
12/10/20	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%	0.01%
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%	0.01%
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 the week ending 11/26 is 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 – 12/10*

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 12/10/20*



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	25,423	11.0%	231,539	2335.2
Alaska	0-19	196,852	6,664	17.8%	37,342	3385.3
Arizona	0-19	1,838,598	58,675	15.3%	382,601	3191.3
Arkansas	0-17	700,155	23,976	13.6%	176,652	3424.4
California	0-17	8,894,641	162,504	11.4%	1,420,558	1827.0
Colorado	0-19	1,407,971	40,253	14.8%	272,346	2858.9
Connecticut	0-19	735,193	19,235	13.7%	140,548	2616.3
Delaware	0-17	203,572	4,869	11.5%	42,393	2391.8
District of Columbia	0-19	149,337	2,442	10.2%	23,854	1635.2
Florida	0-14	3,512,139	71,204	6.7%	1,065,476	2027.4
Georgia	0-17	2,503,881	44,420	9.7%	456,113	1774.0
Guam	0-19	57,727	1,086	15.6%	6,959	1881.3
Hawaii	0-17	299,868	2,243	12.2%	18,337	748.0
Idaho	0-17	448,201	12,490	10.7%	116,203	2786.7
Illinois	0-19	3,145,309	116,406	14.3%	812,430	3700.9
Indiana	0-19	1,755,070	55,380	13.9%	398,417	3155.4
Iowa	0-17	726,841	25,529	10.2%	251,027	3512.3
Kansas	0-17	700,250	18,885	10.5%	179,803	2696.9
Kentucky	0-19	1,118,934	30,100	14.4%	209,136	2690.1
Louisiana	0-17	1,087,630	28,535	11.8%	241,348	2623.6
Maine	0-19	281,158	2,159	14.5%	14,861	767.9
Maryland	0-19	1,489,721	29,958	13.3%	225,855	2011.0
Massachusetts[#]	0-19	1,558,231	26,857	11.1%	242,812	2244.3
Michigan	0-19	2,407,690	54,036	12.1%	448,418	2244.3
Minnesota	0-19	1,445,346	58,717	16.1%	363,719	4062.5
Mississippi	0-17	698,583	20,600	12.1%	170,672	2948.8
Missouri[†]	0-17	1,370,585	33,428	10.0%	334,704	2439.0

* 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; 12/10 totals calculated using MA Dept. of Public Health Weekly Report published 12/10 (data from 11/22-12/5) and 11/19 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 12/10/20*



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	10,981	15.7%	70,133	4316.2
Nebraska	0-19	760,272	20,293	14.1%	143,924	2669.2
Nevada	0-19	688,997	22,920	13.0%	176,334	3326.6
New Hampshire	0-19	291,038	3,791	13.7%	27,592	1302.6
New Jersey	0-17	1,938,578	29,183	7.6%	381,486	1505.4
New Mexico	0-19	531,712	19,331	17.1%	112,950	3635.6
North Carolina	0-17	2,300,715	43,618	10.6%	410,527	1895.8
North Dakota	0-19	200,777	14,234	16.9%	84,227	7089.5
NYC	0-17	1,726,900	18,486	5.9%	314,842	1070.5
Ohio	0-19	2,886,873	62,003	11.9%	520,112	2147.8
Oklahoma	0-17	952,238	27,242	12.2%	222,993	2860.8
Oregon	0-19	965,480	13,642	15.5%	88,287	1413.0
Pennsylvania	0-19	2,801,187	53,690	11.7%	457,289	1916.7
Puerto Rico	0-19	594,011	7,981	14.0%	57,096	1343.6
Rhode Island	0-18	220,525	7,351	11.7%	62,870	3333.4
South Carolina	0-20	1,314,988	43,339	18.1%	239,444	3295.8
South Dakota	0-19	240,567	12,755	14.5%	88,023	5302.1
Tennessee	0-20	1,762,659	76,664	18.1%	422,962	4349.3
Texas^	0-19	8,210,585	4,353	6.9%	63,495	--
Utah	0-14	774,764	20,670	9.3%	222,545	2667.9
Vermont	0-19	134,415	820	15.1%	5,413	610.1
Virginia	0-19	2,087,426	37,934	14.0%	271,043	1817.3
Washington	0-19	1,840,306	28,783	15.2%	189,863	1564.0
West Virginia	0-19	402,473	8,059	13.5%	59,695	2002.3
Wisconsin	0-19	1,422,095	68,525	15.2%	452,180	4818.6
Wyoming	0-18	140,694	7,005	21.3%	32,889	4979.1

* 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 5% 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 12/10/20*

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	2,419,380	403,473	16.7%	14.5%
Illinois	0-19	11,367,345	1,386,893	12.2%	8.4%
Indiana	0-19	4,706,966	837,840	17.8%	6.6%
Iowa	0-17	1,841,139	110,468	6.0%	23.1%
Minnesota	0-19	4,661,369	623,560	13.4%	9.4%
Nevada	0-19	1,039,942	123,397	11.9%	18.6%
Rhode Island	0-18	516,136	73,664	14.3%	10.0%
Tennessee	0-20	4,773,224	768,049	16.1%	10.0%
West Virginia	0-19	1,265,329	154,370	12.2%	5.2%
Wyoming	0-18	431,433	55,223	12.8%	12.7%

* 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 12/10/20*

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	15	831	1.8%	0.2%
Arizona[#]	0-19	745	28,880	2.6%	1.3%
Colorado	0-19	435	15,520	2.8%	1.1%
Florida	0-14	729	57,210	1.3%	1.0%
Georgia	0-17	612	36,740	1.7%	1.4%
Hawaii	0-17	17	1,159	1.5%	0.8%
Idaho	0-17	93	4,605	2.0%	0.7%
Indiana	0-19	394	29,412	1.3%	0.7%
Kansas	0-17	100	5,654	1.8%	0.5%
Minnesota	0-19	553	19,029	2.9%	0.9%
Mississippi	0-17	127	7,703	1.6%	0.6%
Nebraska	0-19	79	4,699	1.7%	0.4%
New Hampshire	0-19	10	851	1.2%	0.3%
New Jersey	0-17	517	43,075	1.2%	1.8%
NYC	0-17	809	63,121	1.3%	4.4%
Ohio	0-19	629	30,690	2.0%	1.0%
Oregon	0-19	134	5,240	2.6%	1.0%
Rhode Island	0-18	108	5,073	2.1%	1.5%
South Carolina	0-20	238	12,527	1.9%	0.5%
South Dakota	0-19	116	4,974	2.3%	0.9%
Tennessee	0-20	331	12,862	2.6%	0.4%
Utah	0-14	165	9,105	1.8%	0.8%
Virginia	0-19	297	15,723	1.9%	0.8%
Washington	0-19	205	11,996	1.7%	0.7%
Wisconsin	0-19	455	18,715	2.4%	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 12/10/20*

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	3,985	0.13%	0.02%
Alaska	0-19	0	149	0.00%	0.00%
Arizona	0-19	11	7,081	0.16%	0.02%
Arkansas	0-17	0	2,786	0.00%	0.00%
California	0-17	2	20,255	0.01%	0.00%
Colorado	0-19	6	3,639	0.17%	0.02%
Connecticut	0-19	2	5,285	0.04%	0.01%
Delaware	0-17	0	803	0.00%	0.00%
District of Columbia	0-19	0	704	0.00%	0.00%
Florida	0-14	5	19,462	0.03%	0.01%
Georgia	0-17	7	9,073	0.08%	0.02%
Hawaii	0-17	0	260	0.00%	0.00%
Idaho	0-17	0	1,103	0.00%	0.00%
Illinois	0-19	9	13,666	0.07%	0.01%
Indiana	0-19	6	6,207	0.10%	0.01%
Iowa	0-17	2	3,021	0.07%	0.01%
Kansas	0-17	0	1,941	0.00%	0.00%
Kentucky	0-19	2	2,118	0.09%	0.01%
Louisiana	0-17	7	6,393	0.11%	0.02%
Maine	0-19	0	246	0.00%	0.00%
Maryland	0-19	4	5,012	0.08%	0.01%
Massachusetts [^]	0-19	0	10,953	0.00%	0.00%
Minnesota	0-19	1	4,109	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; 12/10 totals calculated using MA Dept. of Public Health Weekly Report published 12/10 (data from 11/22-12/5) and 11/19 version of this report

Appendix Table 6B: Child Mortality Data Available on 12/10/20*

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	4,041	0.05%	0.01%
Missouri	0-17	2	4,450	0.04%	0.01%
Nebraska	0-19	2	1,294	0.15%	0.01%
Nevada	0-19	5	2,384	0.21%	0.02%
New Hampshire	0-19	0	570	0.00%	0.00%
New Jersey	0-17	3	15,674	0.02%	0.01%
North Carolina	0-17	1	5,661	0.02%	0.00%
NYC	0-17	19	24,411	0.08%	0.10%
Ohio	0-19	5	7,187	0.07%	0.01%
Oklahoma	0-17	1	1,945	0.05%	0.00%
Oregon	0-19	0	1,110	0.00%	0.00%
Pennsylvania	0-19	5	12,010	0.04%	0.01%
South Dakota	0-19	0	1,147	0.00%	0.00%
Tennessee	0-20	6	5,171	0.12%	0.01%
Texas[#]	0-19	34	22,255	0.15%	--
Vermont	0-19	0	89	0.00%	0.00%
Virginia	0-19	1	4,335	0.02%	0.00%
Washington	0-19	6	3,016	0.20%	0.02%
Wisconsin	0-19	0	4,142	0.00%	0.00%
Wyoming	0-18	0	299	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 5% 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 for download 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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