

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: 10/22/20

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 10/22/20
- **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 10/22/20



Reporting age distribution of COVID-19 cases:

- Yes: Reported age distribution of cases
- TX: Reported age distribution for only 7% of cases
- NY: Only NYC reported age distribution of cases
- MA: Only reported age distribution of cases added in past two 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

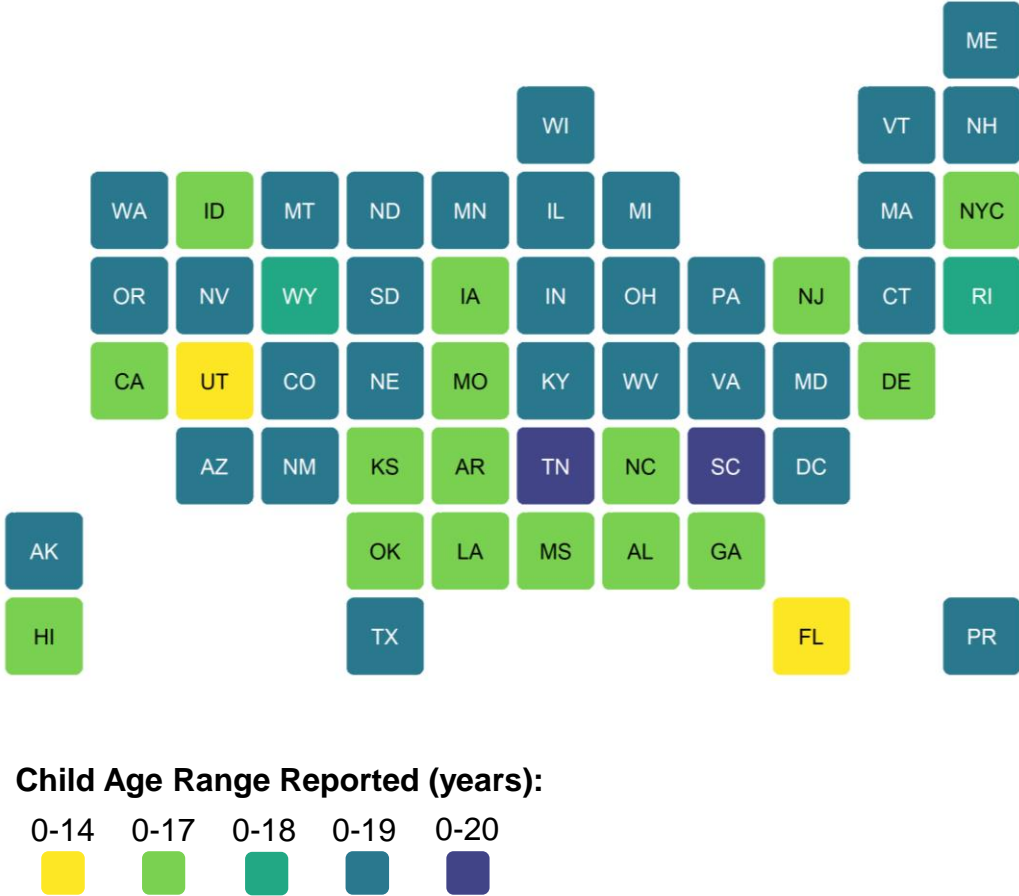
General Limitations

- 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 7% 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

Fig 1B: Child Age Ranges of COVID-19 Cases Reported by States as of 10/22/20



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: 10/22/20

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*

- 792,188 total child COVID-19 cases reported, and children represented 11.0% (792,188/7,207,186) of all cases
- Overall rate: 1,053 cases per 100,000 children in the population

Change in Child COVID-19 Cases, 10/8/20 – 10/22/20

- 94,555 new child cases reported from 10/8-10/22 (697,633 to 792,188), a 14% increase in child cases over 2 weeks

Testing (10 states reported)*

- Children made up between 5%-16.9% of total state tests, and between 3.5%-14.5% of children tested were tested positive

Hospitalizations (24 states and NYC reported)*

- Children were 1%-3.6% of total reported hospitalizations, and between 0.6%-6.9% of all child COVID-19 cases resulted in hospitalization

Mortality (42 states and NYC reported)*

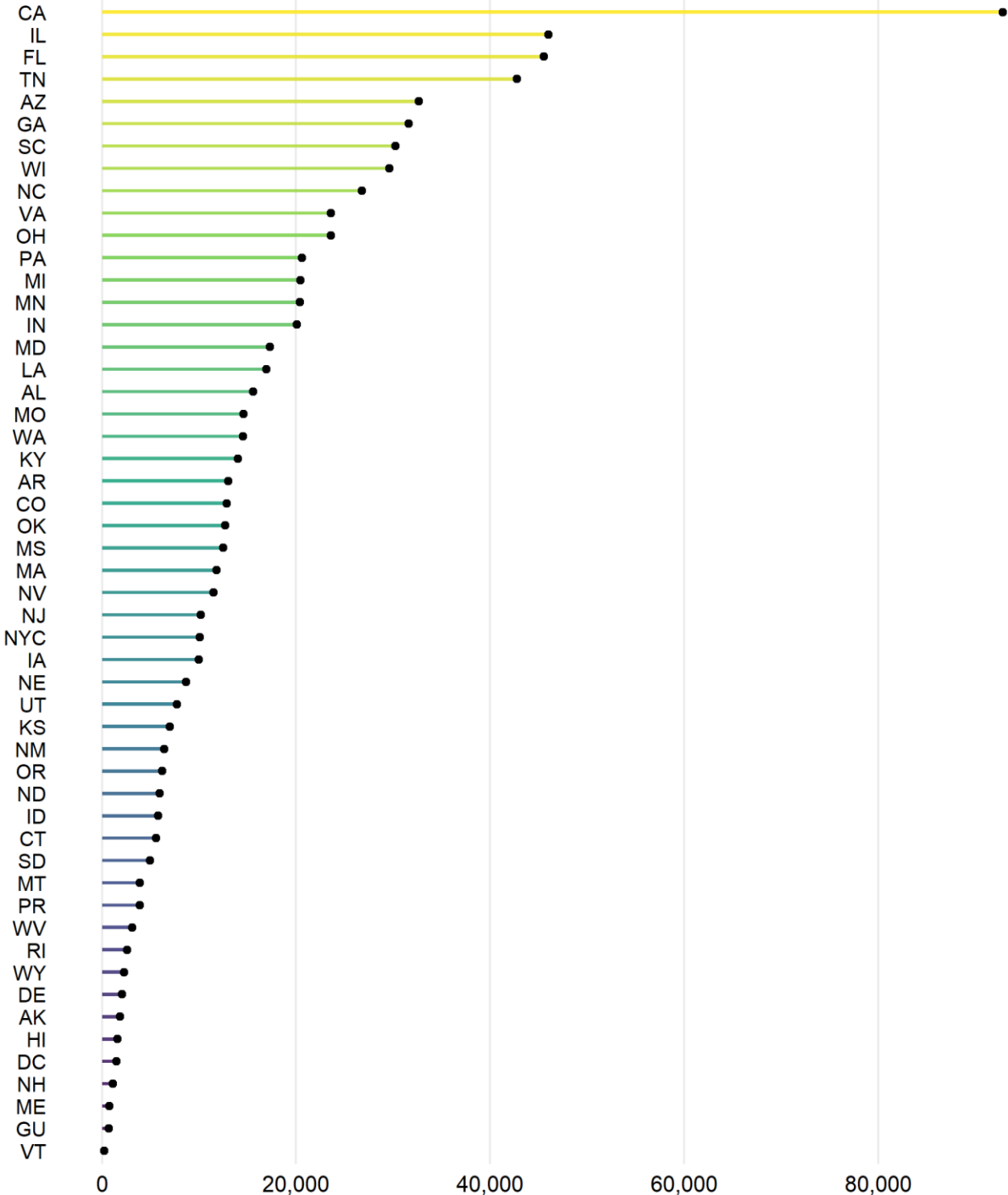
- Children were 0%-0.23% of all COVID-19 deaths, and 16 states reported zero child deaths
- In states reporting, 0%-0.15% of all child COVID-19 cases resulted in death

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: 10/22/20

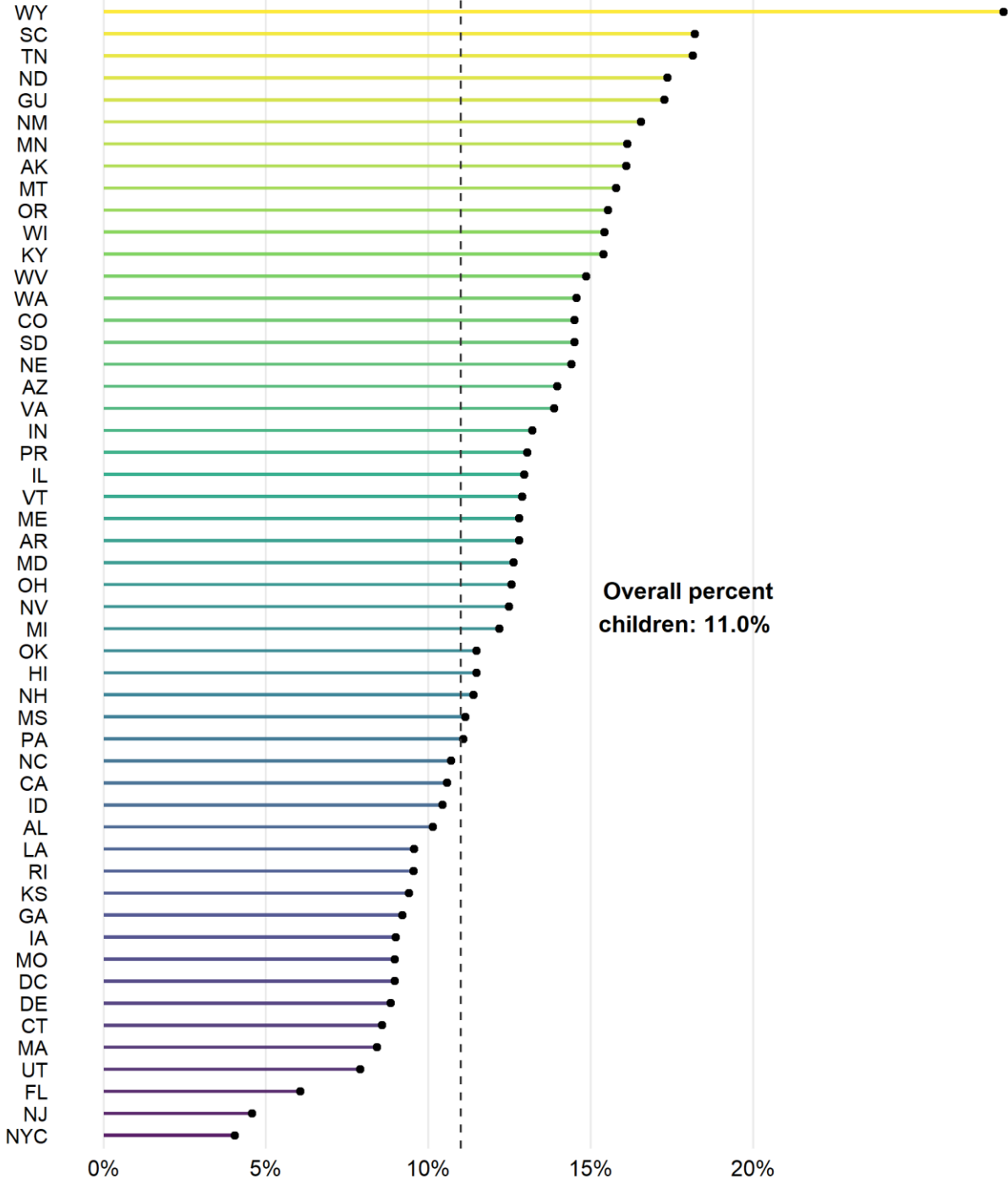
- 792,188 total child COVID-19 cases (cumulative)
- Nine states reported 25,000+ child cases
- Two states reported fewer than 1,000 child cases



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: 10/22/20

- Children represented 11.0% (792,188/7,207,186) of all available cases
- Eleven states reported 15% or more of cases were children
- NJ and NYC reported that 4.6% or less 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: 10/22/20

- Calculated using state-level population estimates from US Census Bureau (2019)*
- Overall rate: 1,053 child COVID-19 cases per 100,000 children in the population
- Twelve states reported more than 1,500 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>

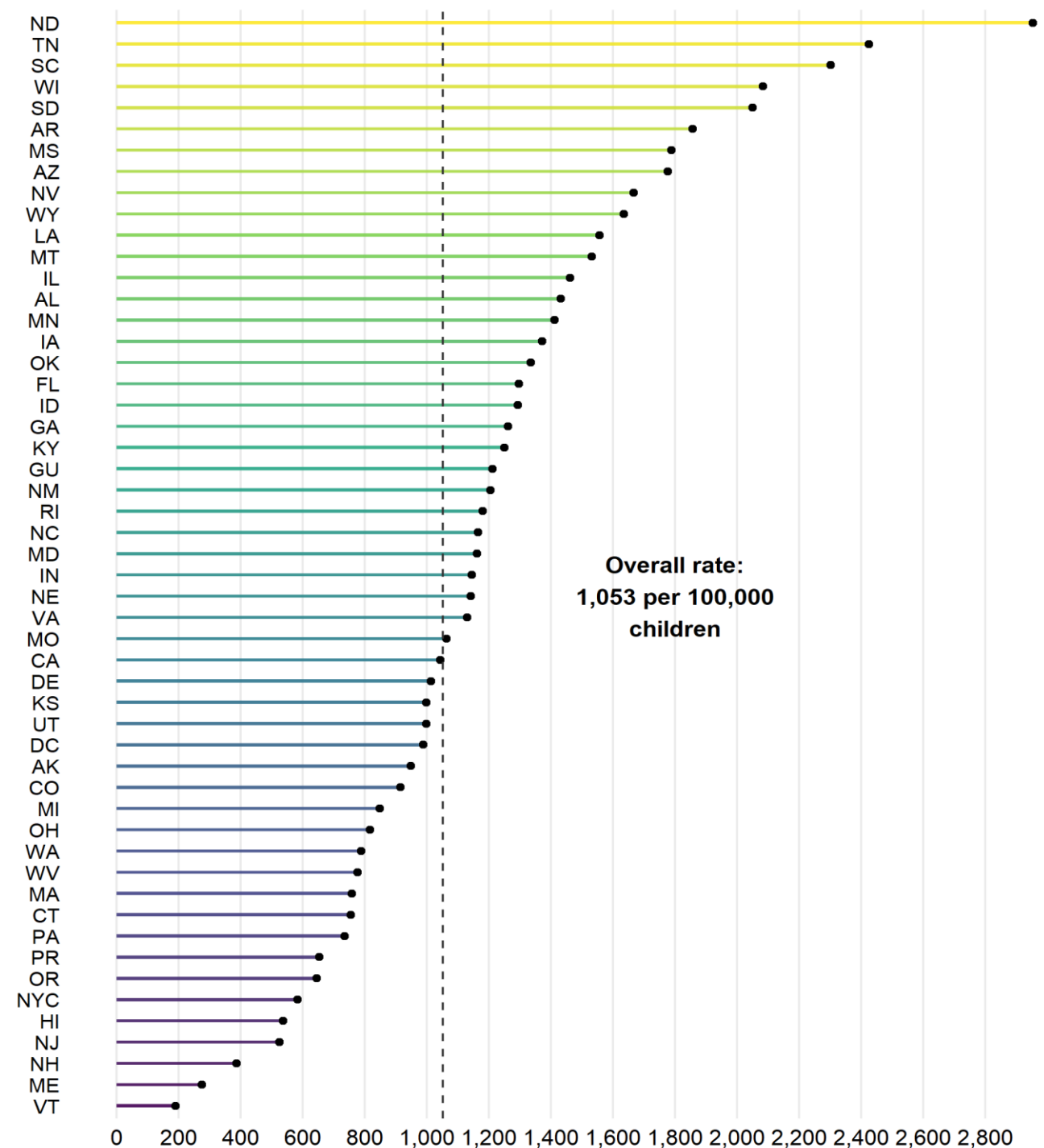


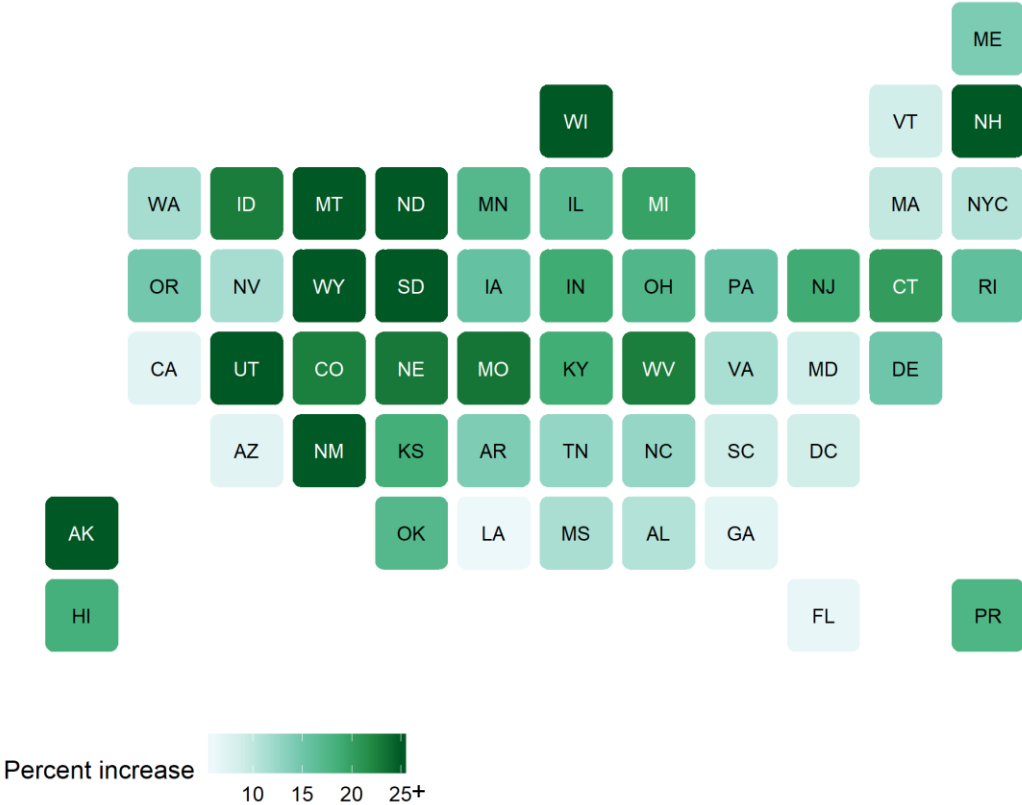
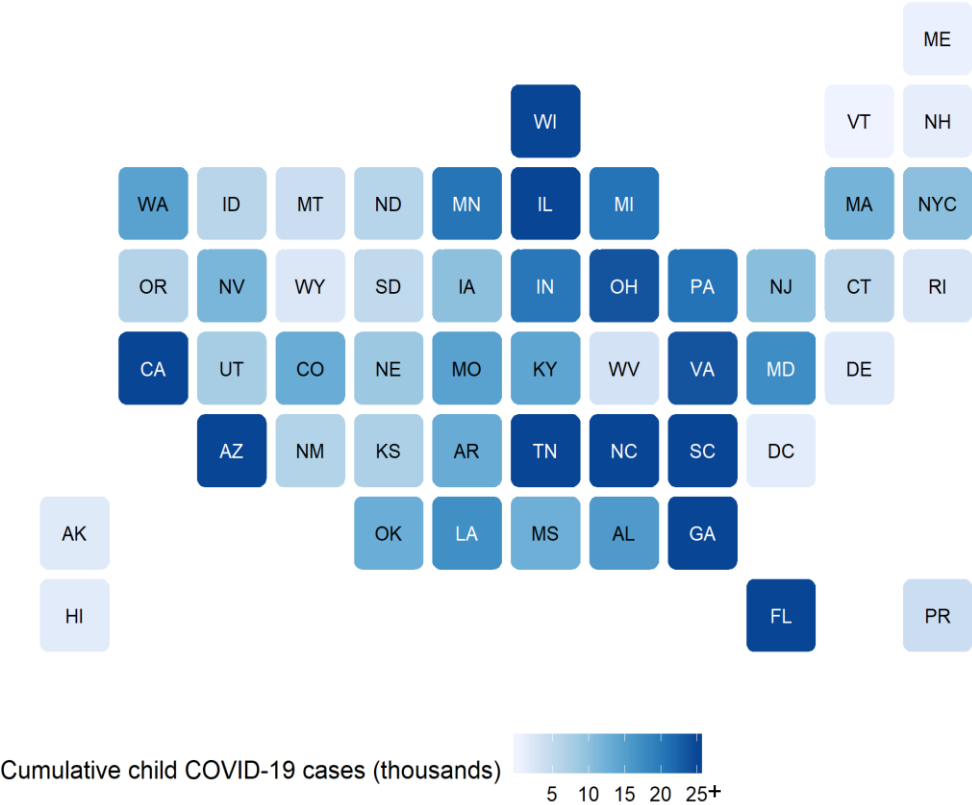
Fig 5. Cumulative Child COVID-19 Cases and Percent Increase in Child Cases

A. Cumulative Child COVID-19 Cases, 10/22/20

Nine states with 25,000+ cumulative child cases

B. Percent Increase in Child Cases, 10/8/20-10/22/20

From 10/8-10/22, there were 94,555 new child cases reported



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

Appendix Table 1: Case Data Available on 10/22/20

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	7,207,186	792,188	11.0%	1,052.5

* 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 – 10/22*

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
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 – 10/22*

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 – 10/22*

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

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

Appendix Table 2C: Summary of Child Mortality Data from 5/21 – 10/22*

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 [^]
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%
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

[#] 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 3A: Child COVID-19 Case Data Available on 10/22/20*



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	15,590	10.1%	153,895	1432.0
Alaska	0-19	196,852	1,867	16.1%	11,605	948.4
Arizona	0-19	1,838,598	32,659	14.0%	233,912	1776.3
Arkansas	0-17	700,155	12,998	12.8%	101,596	1856.4
California	0-17	8,894,641	92,864	10.6%	877,784	1044.0
Colorado	0-19	1,407,971	12,883	14.5%	88,849	915.0
Connecticut	0-19	735,193	5,559	8.6%	64,871	756.1
Delaware	0-17	203,572	2,064	8.8%	23,375	1013.9
District of Columbia	0-19	149,337	1,478	9.0%	16,498	989.7
Florida	0-14	3,512,139	45,575	6.1%	752,845	1297.6
Georgia	0-17	2,503,881	31,614	9.2%	343,750	1262.6
Guam	0-19	57,727	700	17.3%	4,056	1212.6
Hawaii	0-17	299,868	1,609	11.5%	14,024	536.6
Idaho	0-17	448,201	5,801	10.4%	55,650	1294.3
Illinois	0-19	3,145,309	46,006	13.0%	355,217	1462.7
Indiana	0-19	1,755,070	20,116	13.2%	152,396	1146.2
Iowa	0-17	726,841	9,976	9.0%	110,847	1372.5
Kansas	0-17	700,250	6,994	9.4%	74,456	998.8
Kentucky	0-19	1,118,934	14,000	15.4%	90,996	1251.2
Louisiana	0-17	1,087,630	16,941	9.5%	177,399	1557.6
Maine	0-19	281,158	776	12.8%	6,064	276.0
Maryland	0-19	1,489,721	17,310	12.6%	137,236	1162.0
Massachusetts[#]	0-19	1,558,231	11,830	8.4%	140,647	759.2
Michigan	0-19	2,407,690	20,444	12.2%	167,872	849.1
Minnesota	0-19	1,445,346	20,412	16.1%	126,591	1412.3
Mississippi	0-17	698,583	12,491	11.1%	112,123	1788.0
Missouri[†]	0-17	1,370,585	14,586	9.0%	162,723	1064.2

* 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, 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; 10/22 totals calculated using MA Dept. of Public Health Weekly Report published 10/22 (data from 10/5-10/18) and 10/1 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 10/22/20*



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	3,900	15.8%	24,712	1532.9
Nebraska	0-19	760,272	8,684	14.4%	60,308	1142.3
Nevada	0-19	688,997	11,485	12.5%	92,064	1666.9
New Hampshire	0-19	291,038	1,129	11.4%	9,917	387.9
New Jersey	0-17	1,938,578	10,200	4.6%	223,223	526.2
New Mexico	0-19	531,712	6,407	16.5%	38,715	1205.0
North Carolina	0-17	2,300,715	26,800	10.7%	250,592	1164.9
North Dakota	0-19	200,777	5,930	17.4%	34,165	2953.5
NYC	0-17	1,726,900	10,086	4.0%	250,053	584.1
Ohio	0-19	2,886,873	23,593	12.5%	188,005	817.3
Oklahoma	0-17	952,238	12,725	11.5%	110,855	1336.3
Oregon	0-19	965,480	6,230	15.5%	40,136	645.3
Pennsylvania	0-19	2,801,187	20,616	11.1%	186,297	736.0
Puerto Rico	0-19	594,011	3,888	13.0%	29,804	654.5
Rhode Island	0-18	220,525	2,602	9.5%	27,274	1179.9
South Carolina	0-20	1,314,988	30,277	18.2%	166,357	2302.5
South Dakota	0-19	240,567	4,933	14.5%	34,031	2050.6
Tennessee	0-20	1,762,659	42,761	18.1%	235,861	2425.9
Texas^	0-19	8,210,585	3,627	6.5%	56,016	--
Utah	0-14	774,764	7,735	7.9%	98,006	998.4
Vermont	0-19	134,415	256	12.9%	1,987	190.5
Virginia	0-19	2,087,426	23,595	13.9%	170,104	1130.3
Washington	0-19	1,840,306	14,532	14.6%	99,874	789.6
West Virginia	0-19	402,473	3,127	14.9%	21,057	776.9
Wisconsin	0-19	1,422,095	29,626	15.4%	192,191	2083.3
Wyoming	0-18	140,694	2,300	27.7%	8,305	1635.1

* 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 7% 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 10/22/20*

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	1,657,389	237,090	14.3%	13.8%
Illinois	0-19	6,950,105	816,264	11.7%	5.6%
Indiana	0-19	2,574,800	435,141	16.9%	4.6%
Iowa	0-17	1,453,109	72,655	5.0%	13.7%
Minnesota	0-19	2,551,448	324,682	12.7%	6.3%
Nevada	0-19	769,613	79,477	10.3%	14.5%
Rhode Island	0-18	368,006	43,206	11.7%	6.0%
Tennessee	0-20	3,404,261	511,429	15.0%	8.4%
West Virginia	0-19	704,001	88,493	12.6%	3.5%
Wyoming	0-18	219,358	27,858	12.7%	8.3%

* 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 10/22/20*

COVID-19-Associated Hospitalizations and Children

Location	Age range	Cumulative child hospitalizations	Cumulative total hospitalizations (all ages)	Percent children of total hospitalizations	Hospitalization rate^
Arizona [#]	0-19	516	20,820	2.5%	1.6%
Colorado	0-19	271	8,380	3.2%	2.1%
Florida	0-14	599	47,628	1.3%	1.3%
Georgia	0-17	499	30,676	1.6%	1.6%
Hawaii	0-17	9	890	1.0%	0.6%
Idaho	0-17	53	2,327	2.3%	0.9%
Indiana	0-19	201	15,163	1.3%	1.0%
Kansas	0-17	59	3,506	1.7%	0.8%
Massachusetts [^]	0-19	137	13,001	1.1%	1.2%
Minnesota	0-19	331	9,226	3.6%	1.6%
Mississippi	0-17	99	6,380	1.6%	0.8%
Nebraska	0-19	61	2,741	2.2%	0.7%
New Hampshire	0-19	9	763	1.2%	0.8%
New Jersey	0-17	287	24,441	1.2%	2.8%
NYC	0-17	699	58,465	1.2%	6.9%
Ohio	0-19	390	17,523	2.2%	1.7%
Oregon	0-19	72	2,964	2.4%	1.2%
Rhode Island	0-18	76	3,058	2.5%	2.9%
South Carolina	0-20	191	10,062	1.9%	0.6%
South Dakota	0-19	53	2,239	2.4%	1.1%
Tennessee	0-20	264	9,734	2.7%	0.6%
Utah	0-14	82	4,807	1.7%	1.1%
Virginia	0-19	232	12,073	1.9%	1.0%
Washington	0-19	139	8,149	1.7%	1.0%
Wisconsin	0-19	256	9,704	2.6%	0.9%

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

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

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

^ As of 9/3, MA only reported age distribution of cases added in last two weeks but not for total cases to date; 10/22 totals calculated using MA Dept. of Public Health Weekly Report published 10/22 (data from 10/5-10/18) and 10/1 version of this report

Appendix Table 6A: Child Mortality Data Available on 10/22/20*

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	4	2,828	0.14%	0.03%
Arizona	0-19	9	5,854	0.15%	0.03%
Arkansas	0-17	0	1,751	0.00%	0.00%
California	0-17	2	16,987	0.01%	0.00%
Colorado	0-19	4	2,194	0.18%	0.03%
Connecticut	0-19	2	4,567	0.04%	0.04%
Delaware	0-17	0	670	0.00%	0.00%
District of Columbia	0-19	0	642	0.00%	0.00%
Florida	0-14	5	16,210	0.03%	0.01%
Georgia	0-17	7	7,704	0.09%	0.02%
Hawaii	0-17	0	186	0.00%	0.00%
Idaho	0-17	0	546	0.00%	0.00%
Illinois	0-19	7	9,345	0.07%	0.02%
Indiana	0-19	4	3,790	0.10%	0.02%
Iowa	0-17	1	1,594	0.06%	0.01%
Kansas	0-17	0	952	0.00%	0.00%
Kentucky	0-19	1	1,363	0.07%	0.01%
Louisiana	0-17	5	5,584	0.09%	0.03%
Maine	0-19	0	146	0.00%	0.00%
Maryland	0-19	2	4,058	0.05%	0.01%
Massachusetts[^]	0-19	0	9,737	0.00%	0.00%
Minnesota	0-19	1	2,281	0.04%	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; 10/22 totals calculated using MA Dept. of Public Health Weekly Report published 10/22 (data from 10/5-10/18) and 10/1 version of this report

Appendix Table 6B: Child Mortality Data Available on 10/22/20*

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	1	3,223	0.03%	0.01%
Missouri	0-17	0	2,657	0.00%	0.00%
Nebraska	0-19	1	576	0.17%	0.01%
Nevada	0-19	3	1,732	0.17%	0.03%
New Hampshire	0-19	0	469	0.00%	0.00%
New Jersey	0-17	3	14,456	0.02%	0.03%
North Carolina	0-17	1	4,032	0.02%	0.00%
North Dakota	0-19	1	431	0.23%	0.02%
NYC	0-17	15	19,294	0.08%	0.15%
Ohio	0-19	2	5,149	0.04%	0.01%
Oklahoma	0-17	1	1,210	0.08%	0.01%
Oregon	0-19	0	633	0.00%	0.00%
Pennsylvania	0-19	0	8,562	0.00%	0.00%
South Dakota	0-19	0	333	0.00%	0.00%
Tennessee	0-20	5	2,970	0.17%	0.01%
Texas[#]	0-19	28	16,903	0.17%	--
Vermont	0-19	0	58	0.00%	0.00%
Virginia	0-19	1	3,524	0.03%	0.00%
Washington	0-19	4	2,286	0.17%	0.03%
Wisconsin	0-19	0	1,702	0.00%	0.00%
Wyoming	0-18	0	57	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 7% 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 is 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.

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

Contact Information

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

- For technical questions, please contact the authors at:

Bill Cull, PhD

Director, Health Services Research

American Academy of Pediatrics

wcull@aap.org

Mitch Harris, PhD

Director of Research

Children's Hospital Association

Mitch.Harris@childrenshospitals.org

- For media inquiries, please contact:

Lisa Black

Media Relations

American Academy of Pediatrics

lblack@aap.org

Gillian Ray

External Relations

Children's Hospital Association

Gillian.Ray@childrenshospitals.org

Acknowledgements

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