Children and COVID-19: State Data Report

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

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

Version: 11/5/20

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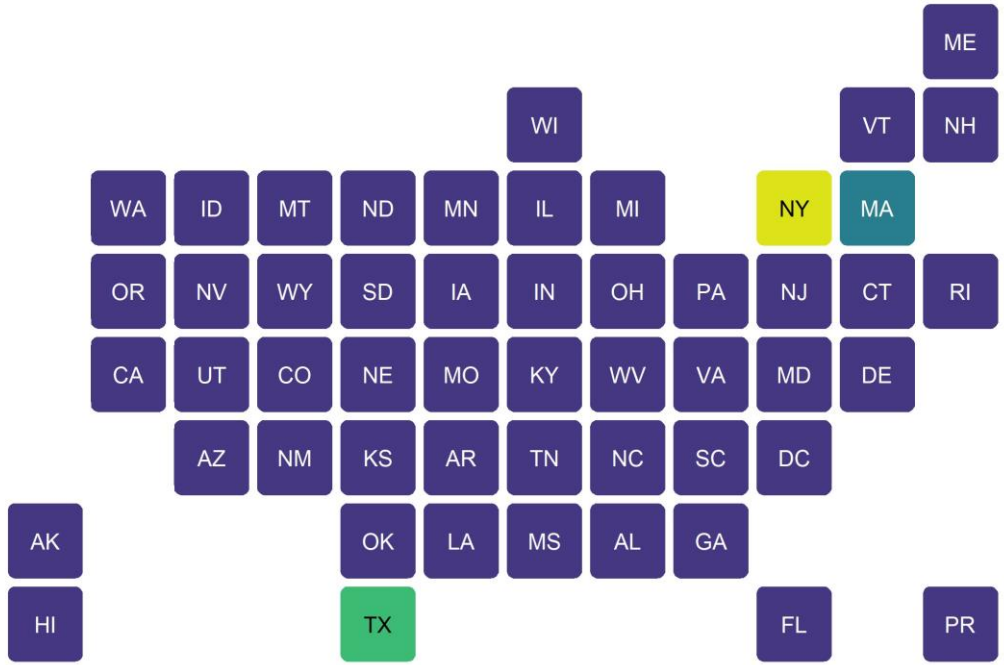
COVID-19: Available Data for Children

- State-level reports are the best publicly available data on COVID-19 cases in children
- This report summarizes what was available on 11/5/20
- **<u>49 states, NYC, DC, Puerto Rico and Guam</u>** 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 11/5/20



Reporting age distribution of COVID-19 cases:

- Yes: Reported age distribution of cases
- TX: Reported age distribution for only 6% 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

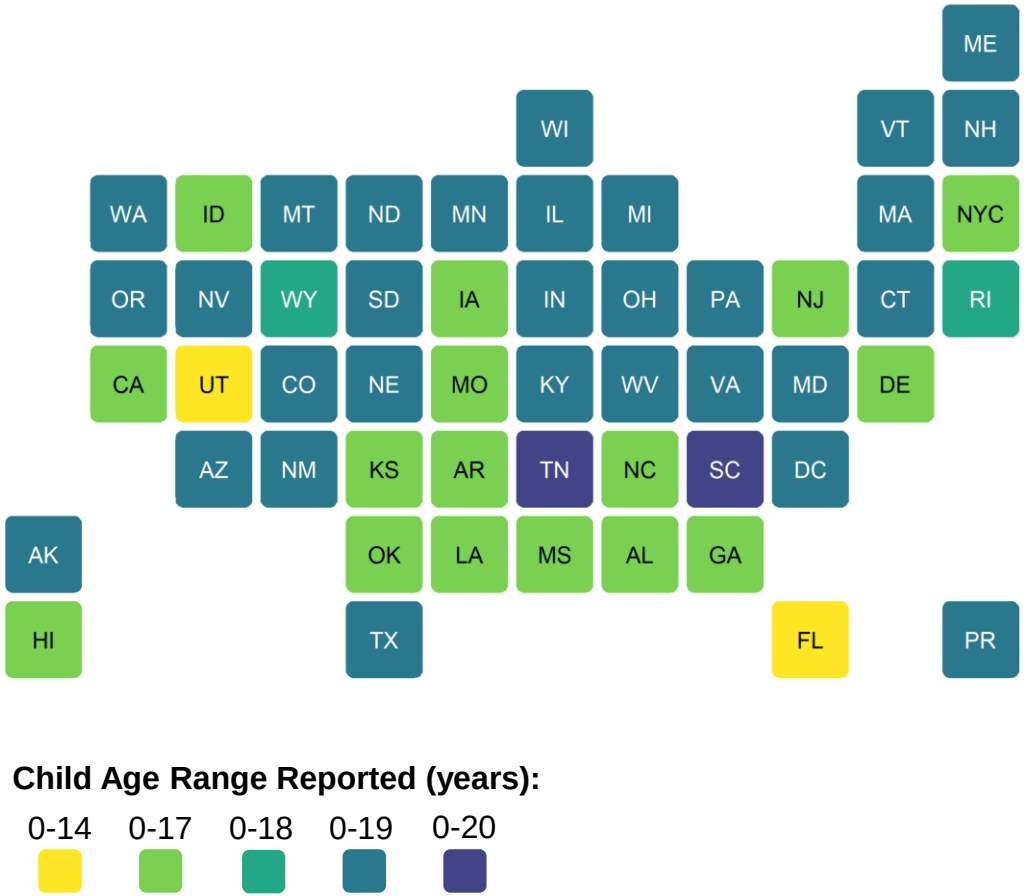
General Limitations

- 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 6% 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 11/5/20



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: 11/5/20
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*

- 927,518 total child COVID-19 cases reported, and children represented 11.3% (927,518/8,236,710) of all cases
- Overall rate: 1,232 cases per 100,000 children in the population

Change in Child COVID-19 Cases*

- 73,883 new child COVID-19 cases were reported the past week from 10/29-11/5 (853,635 to 927,518)
- Over two weeks, 10/22-11/5, there was a 17% increase in child COVID-19 cases (135,330 new cases (792,188 to 927,518))

Testing (10 states reported)*

- Children made up between 5.0%-17.1% of total state tests, and between 3.7%-16.2% of children tested were tested positive

Hospitalizations (24 states and NYC reported)*

- Children were 1.0%-3.4% of total reported hospitalizations, and between 0.6%-6.4% of all child COVID-19 cases resulted in hospitalization

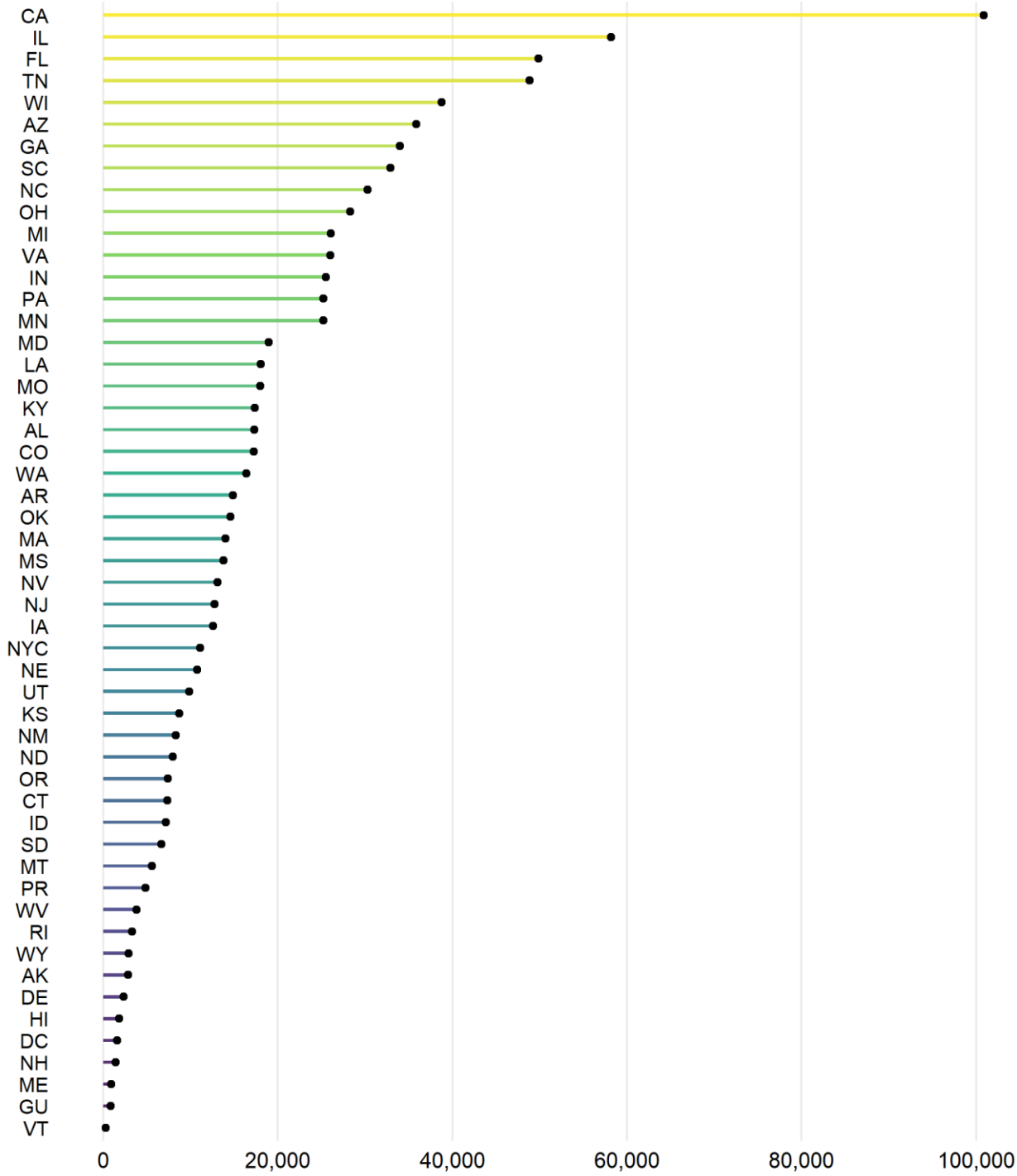
Mortality (42 states and NYC reported)*

- Children were 0.00%-0.18% of all COVID-19 deaths, and 16 states reported zero child deaths
- In states reporting, 0.00%-0.13% 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: 11/5/20

- 927,518 total child COVID-19 cases (cumulative)
- Fifteen 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
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Fig 3. Percent of Cumulative COVID-19 Cases that were Children: 11/5/20

- Children represented 11.3% (927,518/8,236,710) of all available cases
- Eleven states reported 15% or more of cases were children
- NJ and NYC reported that 5.2% or less of cases were children

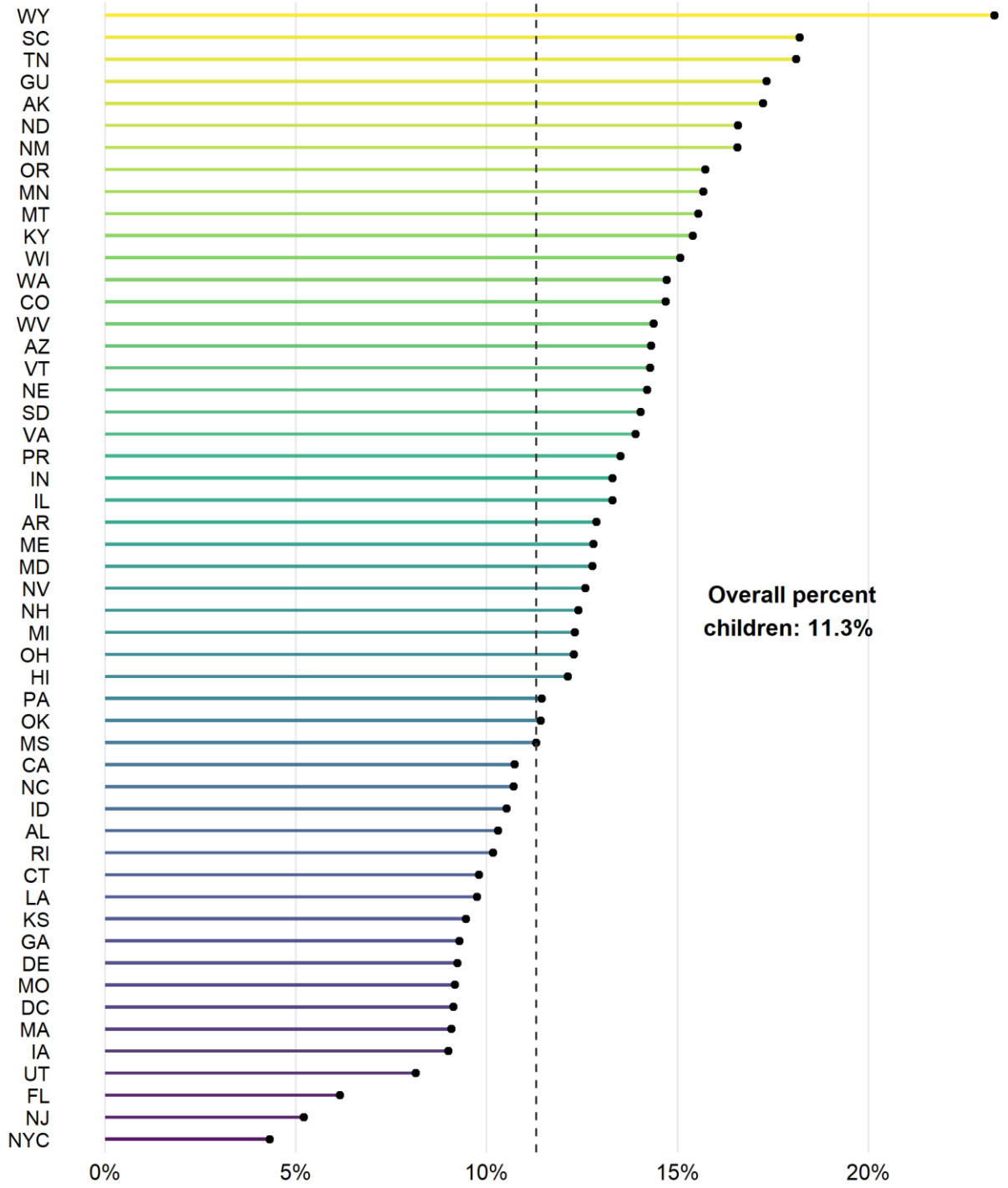

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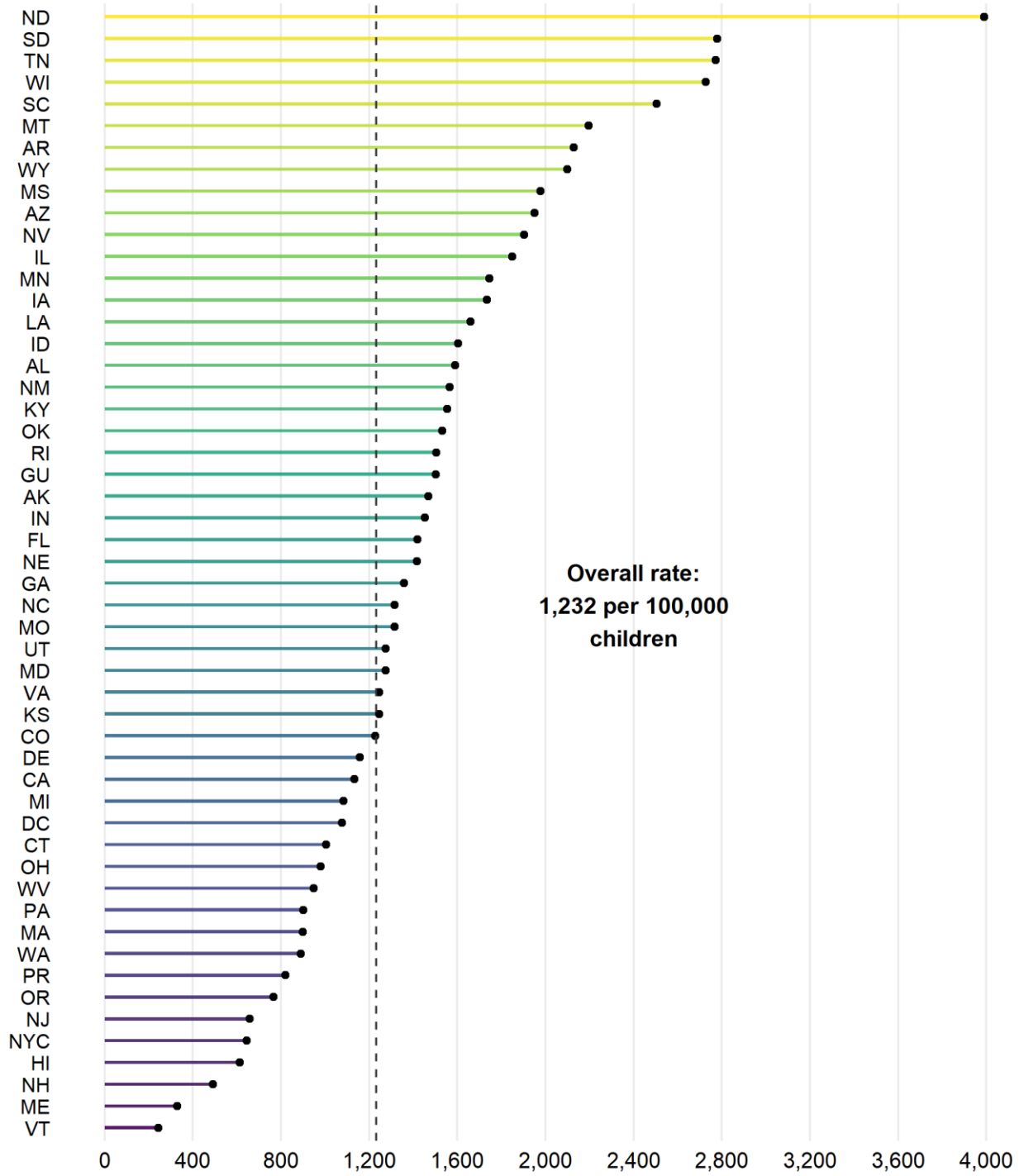
Fig 4. Cumulative COVID-19 Cases per 100,000 Children: 11/5/20

- Calculated using state-level population estimates from US Census Bureau (2019)*
- Overall rate: 1,232 child COVID-19 cases per 100,000 children in the population
- Sixteen states reported more than 1,600 cases per 100,000



See detail in Appendix: Data from 48 states, NYC, DC, PR, and GU (TX excluded from figure)
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** Source: US Census Bureau, State Population by Characteristics: 2010-2019,*
https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-detail.html

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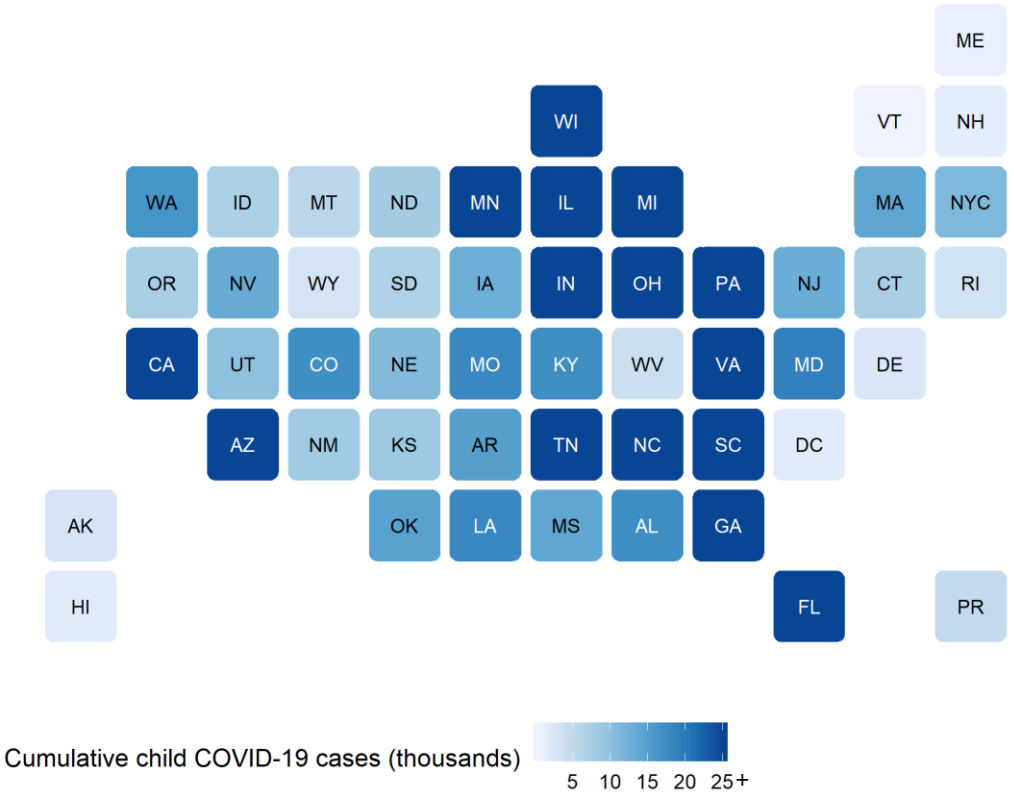
Fig 5. Cumulative Child COVID-19 Cases and Percent Increase in Child Cases

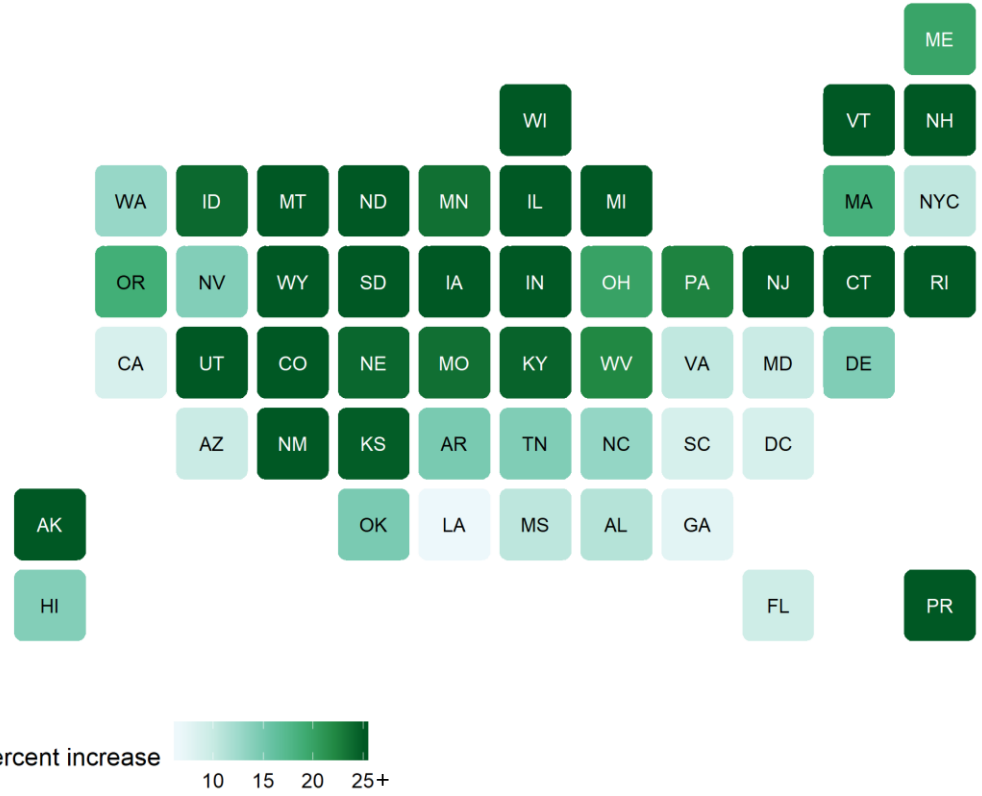
A. Cumulative Child COVID-19 Cases, 11/5/20

Fifteen states with 25,000+ cumulative child cases



B. Percent Increase in Child Cases, 10/22/20-11/5/20

From 10/22-11/5, there were 135,330 new child cases reported (792,188 to 927,518; 17% 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

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Appendix Table 1: Case Data Available on 11/5/20

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	8,236,710	927,518	11.3%	1,232.3

** 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 – 11/5*

Date	Number of locations reporting age	Cumulative total cases (all ages)	Cumulative child cases^	Percent children of total cases	Cases per 100,000 children
11/5/20	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 – 11/5*

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 – 11/5*

Date	Number of locations reporting age distribution of hospitalizations	Cumulative total hospitalizations (all ages)	Cumulative child hospitalizations	Percent children of total hospitalizations	Hospitalization rate^
11/5/20	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%
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 – 11/5*

Date	Number of locations reporting age distribution of deaths	Cumulative total deaths (all ages)	Cumulative child deaths	Percent children of total deaths	Percent of child cases resulting in death^
11/5/20	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%
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 11/5/20*

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	17,316	10.3%	168,115	1590.6
Alaska	0-19	196,852	2,890	17.2%	16,764	1468.1
Arizona	0-19	1,838,598	35,854	14.3%	250,633	1950.1
Arkansas	0-17	700,155	14,906	12.9%	115,812	2129.0
California	0-17	8,894,641	100,856	10.7%	940,010	1133.9
Colorado	0-19	1,407,971	17,281	14.7%	117,637	1227.4
Connecticut	0-19	735,193	7,384	9.8%	75,373	1004.4
Delaware	0-17	203,572	2,359	9.2%	25,534	1158.8
District of Columbia	0-19	149,337	1,607	9.1%	17,601	1076.1
Florida	0-14	3,512,139	49,883	6.2%	810,256	1420.3
Georgia	0-17	2,503,881	34,015	9.3%	366,452	1358.5
Guam	0-19	57,727	867	17.3%	5,004	1501.9
Hawaii	0-17	299,868	1,836	12.1%	15,146	612.3
Idaho	0-17	448,201	7,191	10.5%	68,314	1604.4
Illinois	0-19	3,145,309	58,192	13.3%	437,556	1850.1
Indiana	0-19	1,755,070	25,505	13.3%	191,764	1453.2
Iowa	0-17	726,841	12,599	9.0%	139,989	1733.4
Kansas	0-17	700,250	8,721	9.5%	92,215	1245.4
Kentucky	0-19	1,118,934	17,400	15.4%	113,009	1555.1
Louisiana	0-17	1,087,630	18,054	9.8%	185,144	1659.9
Maine	0-19	281,158	929	12.8%	7,260	330.4
Maryland	0-19	1,489,721	19,004	12.8%	148,766	1275.7
Massachusetts#	0-19	1,558,231	14,019	9.1%	154,521	899.7
Michigan	0-19	2,407,690	26,115	12.3%	212,160	1084.6
Minnesota	0-19	1,445,346	25,217	15.7%	160,923	1744.7
Mississippi	0-17	698,583	13,809	11.3%	122,275	1976.7
Missouri†	0-17	1,370,585	18,024	9.2%	196,576	1315.1

** 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; 11/5 totals calculated using MA Dept. of Public Health Weekly Report published 11/5 (data from 10/18-10/31) and 10/15 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 11/5/20*

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	5,587	15.5%	35,955	2196.0
Nebraska	0-19	760,272	10,776	14.2%	75,888	1417.4
Nevada	0-19	688,997	13,106	12.6%	104,093	1902.2
New Hampshire	0-19	291,038	1,434	12.4%	11,563	492.7
New Jersey	0-17	1,938,578	12,767	5.2%	245,257	658.6
New Mexico	0-19	531,712	8,329	16.6%	50,251	1566.4
North Carolina	0-17	2,300,715	30,293	10.7%	282,802	1316.7
North Dakota	0-19	200,777	8,011	16.6%	48,301	3990.0
NYC	0-17	1,726,900	11,133	4.3%	258,205	644.7
Ohio	0-19	2,886,873	28,286	12.3%	230,209	979.8
Oklahoma	0-17	952,238	14,588	11.4%	127,772	1532.0
Oregon	0-19	965,480	7,399	15.7%	47,049	766.4
Pennsylvania	0-19	2,801,187	25,231	11.4%	220,566	900.7
Puerto Rico	0-19	594,011	4,875	13.5%	36,101	820.7
Rhode Island	0-18	220,525	3,320	10.2%	32,657	1505.5
South Carolina	0-20	1,314,988	32,918	18.2%	180,870	2503.3
South Dakota	0-19	240,567	6,685	14.0%	47,653	2778.9
Tennessee	0-20	1,762,659	48,861	18.1%	269,802	2772.0
Texas^	0-19	8,210,585	3,908	6.7%	57,928	--
Utah	0-14	774,764	9,886	8.1%	121,485	1276.0
Vermont	0-19	134,415	329	14.3%	2,303	244.8
Virginia	0-19	2,087,426	26,026	13.9%	187,202	1246.8
Washington	0-19	1,840,306	16,399	14.7%	111,480	891.1
West Virginia	0-19	402,473	3,817	14.4%	26,547	948.5
Wisconsin	0-19	1,422,095	38,768	15.1%	257,287	2726.1
Wyoming	0-18	140,694	2,953	23.3%	12,675	2099.1

** 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 6% 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 11/5/20*

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	1,812,326	272,841	15.1%	13.1%
Illinois	0-19	8,030,713	966,713	12.0%	6.0%
Indiana	0-19	3,032,762	518,602	17.1%	4.9%
Iowa	0-17	1,555,162	77,758	5.0%	16.2%
Minnesota	0-19	2,938,511	376,740	12.8%	6.7%
Nevada	0-19	823,543	87,975	10.7%	14.9%
Rhode Island	0-18	406,867	51,704	12.7%	6.4%
Tennessee	0-20	3,744,640	575,603	15.4%	8.5%
West Virginia	0-19	814,774	103,232	12.7%	3.7%
Wyoming	0-18	276,938	35,448	12.8%	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 11/5/20*

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	550	21,786	2.5%	1.5%
Colorado	0-19	291	9,618	3.0%	1.7%
Florida	0-14	632	49,889	1.3%	1.3%
Georgia	0-17	524	32,042	1.6%	1.5%
Hawaii	0-17	12	969	1.2%	0.7%
Idaho	0-17	59	2,730	2.2%	0.8%
Indiana	0-19	249	17,613	1.4%	1.0%
Kansas	0-17	67	3,984	1.7%	0.8%
Massachusetts^	0-19	134	13,286	1.0%	1.0%
Minnesota	0-19	373	11,016	3.4%	1.5%
Mississippi	0-17	103	6,728	1.5%	0.7%
Nebraska	0-19	61	3,148	1.9%	0.6%
New Hampshire	0-19	9	787	1.1%	0.6%
New Jersey	0-17	435	37,958	1.1%	3.4%
NYC	0-17	716	59,213	1.2%	6.4%
Ohio	0-19	440	19,801	2.2%	1.6%
Oregon	0-19	84	3,312	2.5%	1.1%
Rhode Island	0-18	78	3,389	2.3%	2.3%
South Carolina	0-20	202	10,656	1.9%	0.6%
South Dakota	0-19	66	2,873	2.3%	1.0%
Tennessee	0-20	280	10,484	2.7%	0.6%
Utah	0-14	96	5,755	1.7%	1.0%
Virginia	0-19	249	12,865	1.9%	1.0%
Washington	0-19	149	8,735	1.7%	0.9%
Wisconsin	0-19	312	12,087	2.6%	0.8%

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

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

 # 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; 11/5 totals calculated using MA Dept. of Public Health Weekly Report published 11/5 (data from 10/18-10/31) and 10/15 version of this report

Appendix Table 6A: Child Mortality Data Available on 11/5/20*

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	3,006	0.13%	0.02%
Arizona	0-19	9	6,059	0.15%	0.03%
Arkansas	0-17	0	2,026	0.00%	0.00%
California	0-17	2	17,771	0.01%	0.00%
Colorado	0-19	4	2,333	0.17%	0.02%
Connecticut	0-19	2	4,645	0.04%	0.03%
Delaware	0-17	0	712	0.00%	0.00%
District of Columbia	0-19	0	647	0.00%	0.00%
Florida	0-14	5	16,922	0.03%	0.01%
Georgia	0-17	7	8,072	0.09%	0.02%
Hawaii	0-17	0	218	0.00%	0.00%
Idaho	0-17	0	664	0.00%	0.00%
Illinois	0-19	8	9,933	0.08%	0.01%
Indiana	0-19	4	4,224	0.10%	0.02%
Iowa	0-17	1	1,801	0.06%	0.01%
Kansas	0-17	0	1,087	0.00%	0.00%
Kentucky	0-19	1	1,514	0.07%	0.01%
Louisiana	0-17	6	5,746	0.10%	0.03%
Maine	0-19	0	150	0.00%	0.00%
Maryland	0-19	2	4,172	0.05%	0.01%
Massachusetts^	0-19	0	9,991	0.00%	0.00%
Minnesota	0-19	1	2,530	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; 11/5 totals calculated using MA Dept. of Public Health Weekly Report published 11/5 (data from 10/18-10/31) and 10/15 version of this report

Appendix Table 6B: Child Mortality Data Available on 11/5/20*

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	3,397	0.06%	0.01%
Missouri	0-17	0	3,106	0.00%	0.00%
Nebraska	0-19	1	669	0.15%	0.01%
Nevada	0-19	3	1,814	0.17%	0.02%
New Hampshire	0-19	0	484	0.00%	0.00%
New Jersey	0-17	3	14,591	0.02%	0.02%
North Carolina	0-17	1	4,507	0.02%	0.00%
North Dakota	0-19	1	567	0.18%	0.01%
NYC	0-17	15	19,376	0.08%	0.13%
Ohio	0-19	2	5,428	0.04%	0.01%
Oklahoma	0-17	1	1,392	0.07%	0.01%
Oregon	0-19	0	705	0.00%	0.00%
Pennsylvania	0-19	0	8,937	0.00%	0.00%
South Dakota	0-19	0	460	0.00%	0.00%
Tennessee	0-20	5	3,478	0.14%	0.01%
Texas[#]	0-19	29	17,934	0.16%	--
Vermont	0-19	0	58	0.00%	0.00%
Virginia	0-19	1	3,688	0.03%	0.00%
Washington	0-19	3	2,416	0.12%	0.02%
Wisconsin	0-19	0	2,229	0.00%	0.00%
Wyoming	0-18	0	105	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 6% 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.

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

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