

Children and COVID-19: State-Level Data Report as of 7/2/20

Summary compiled by American Academy of Pediatrics from information publicly reported by 49 states, NYC, DC, PR, and GU



Available Data for Children

- State-level reports are the best publicly available data on confirmed COVID-19 cases for children; detail varies substantially by state and by week
- This report summarizes what was available on 7/2/20
- **49 states, NYC, DC, Puerto Rico and Guam** reported age distributions of confirmed COVID-19 cases
 - 7 states provided age distribution of testing
 - 20 states and NYC provided age distribution of hospitalizations
 - 42 states and NYC provided age distribution of deaths
- Unknown: number of children infected but not tested and confirmed
- Texas reported age distribution for only 13% of all cases and is excluded from some figures

Fig 1: States Reporting Age Distribution of Confirmed COVID-19 Cases as of 7/2/20



Reporting age distribution of confirmed COVID-19 cases:

- Yes, provides age distribution of cases
- Only NYC reporting age distribution of cases
- Reporting age distribution for only 13% of cases



Children and COVID-19

Summary of State-Level Data Provided in this Report: 7/2/20

Data represent cumulative counts since states began reporting
Detail and links to state data sources provided in Appendix

Cumulative Number of Confirmed Cases

- 165,845 total confirmed child COVID-19 cases reported
- Children represented 7.1% (165,845/2,335,060) of all available confirmed cases
- Overall rate: 231 confirmed cases per 100,000 children in the population

Change in Child Cases, 6/18 – 7/2

- 49,669 new child cases reported from 6/18-7/2 (116,176 to 165,845), a 43% increase in child cases

Testing

- In 7 states reporting, children made up between 5.6%-11.0% of total state tests

Hospitalizations

- In 20 states and NYC, children were 0.8%-2.8% of total reported hospitalizations

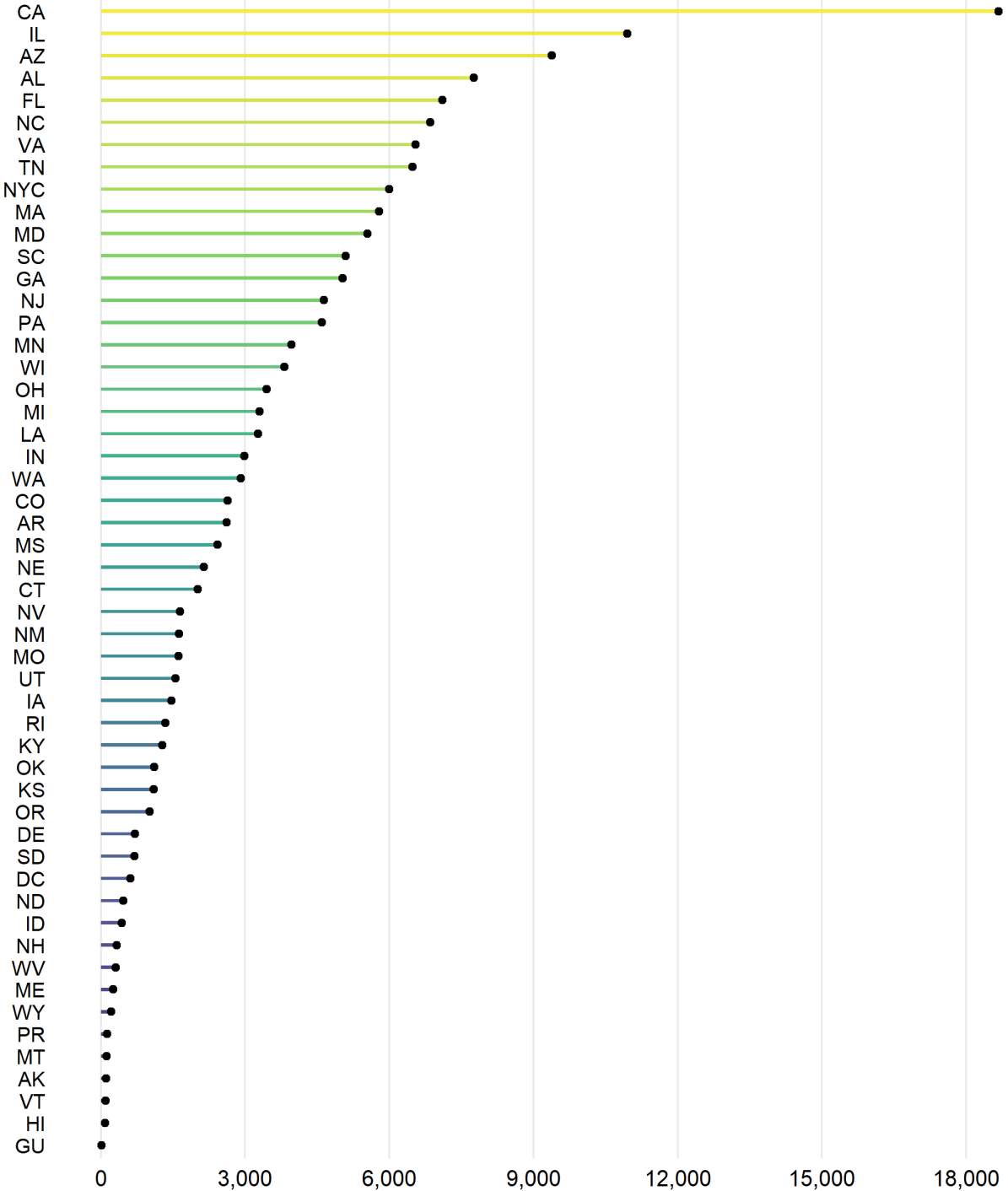
Mortality

- In 42 states and NYC, children were 0%-0.5% of all COVID-19 deaths; 23 states reported zero child deaths



Fig 2. Cumulative Number of Confirmed COVID-19 Child Cases: 7/2/20

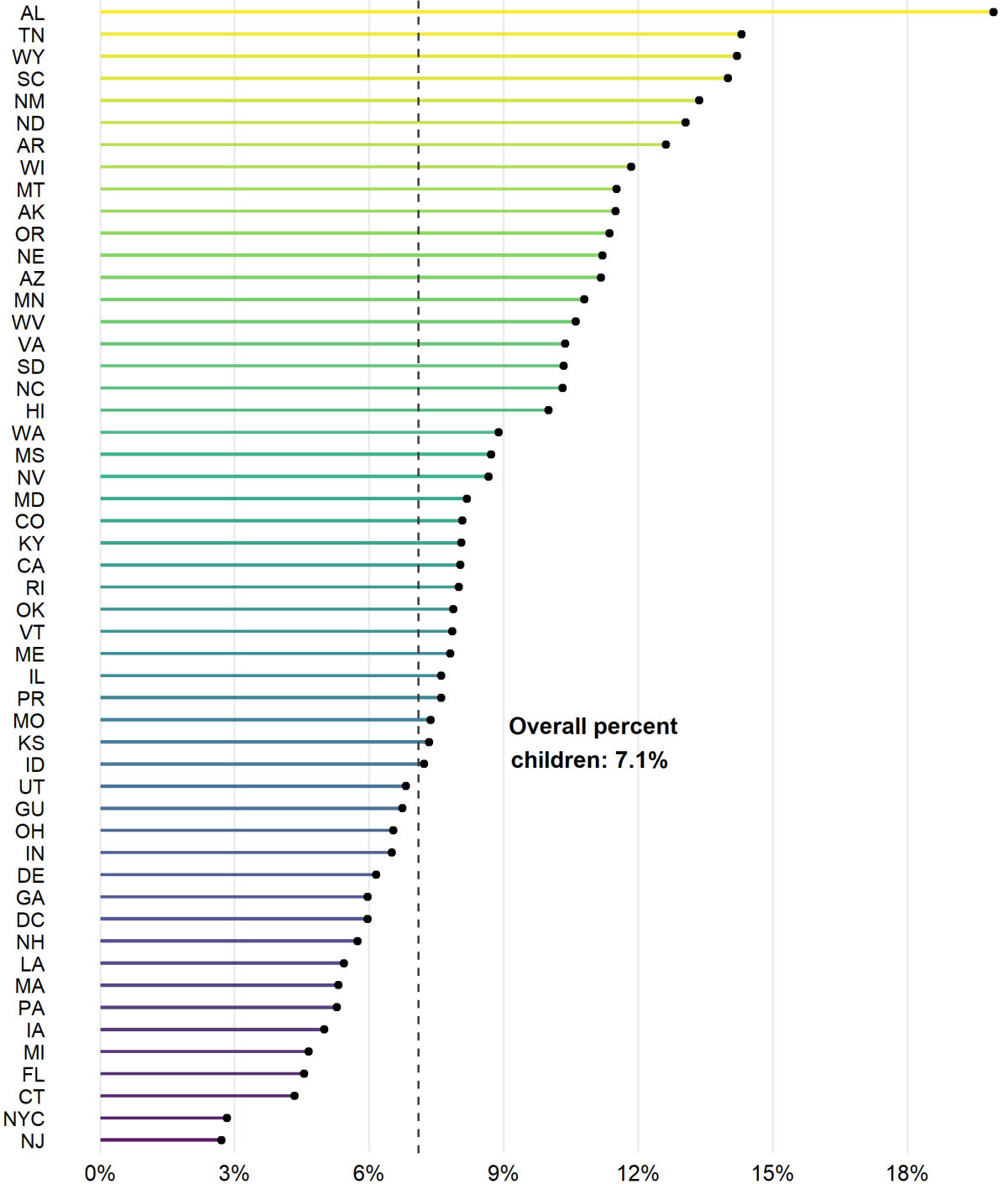
- 165,845 total confirmed child cases
- Eight states with 6,000+ cumulative child cases
- Half of US states reported 2,500+ child cases
- Two states with fewer than 100 child cases



See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU

Fig 3. Percent of Cumulative COVID-19 Cases that were Children: 7/2/20

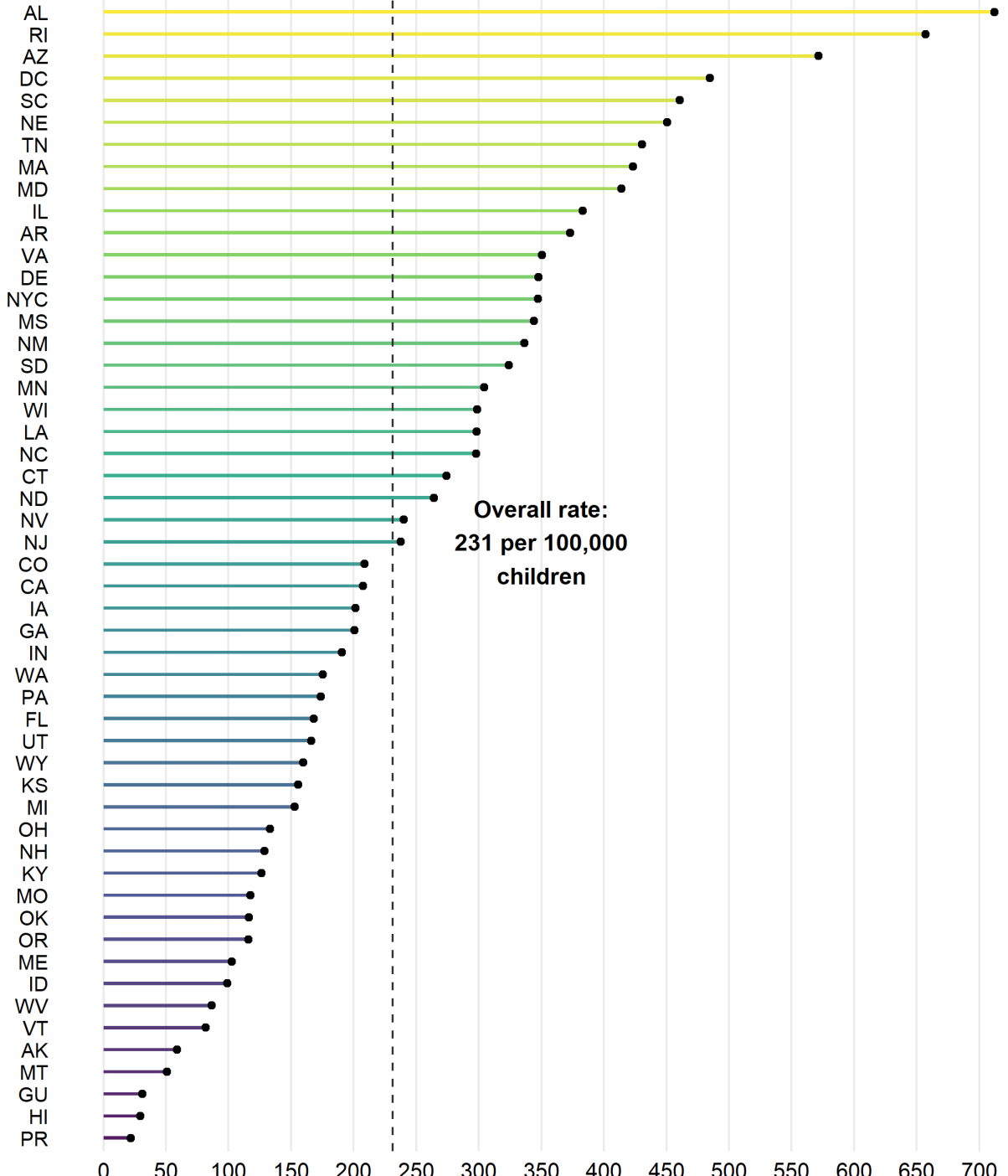
- Children represented 7.1% (165,845/2,335,060) of all available confirmed cases
- Nineteen states reported 10% or more of cases were children
- NJ and NYC reported that less than 3% of cases were children



See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU

Fig 4. Cumulative Confirmed Cases per 100,000 Children: 7/2/20

- Calculated using child (age 0-17) population estimates from 2018 American Community Survey (US Census)
- Overall rate: 231 confirmed child cases per 100,000 children in the population
- More than half of states report more than 200 confirmed cases per 100,000 children

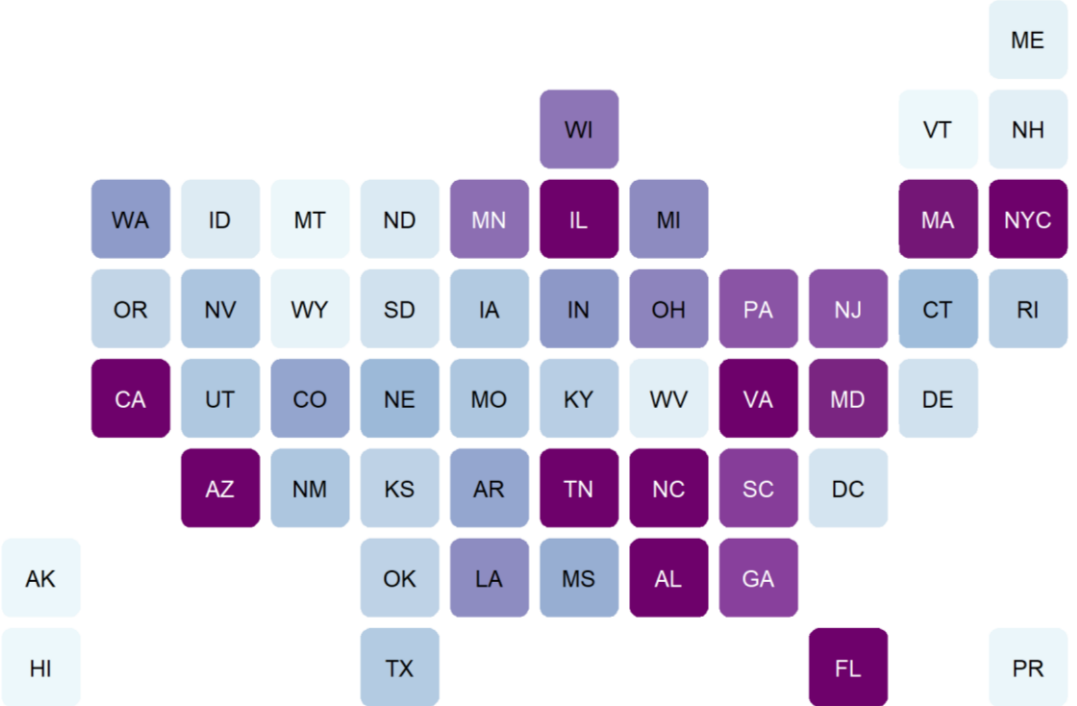


See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU

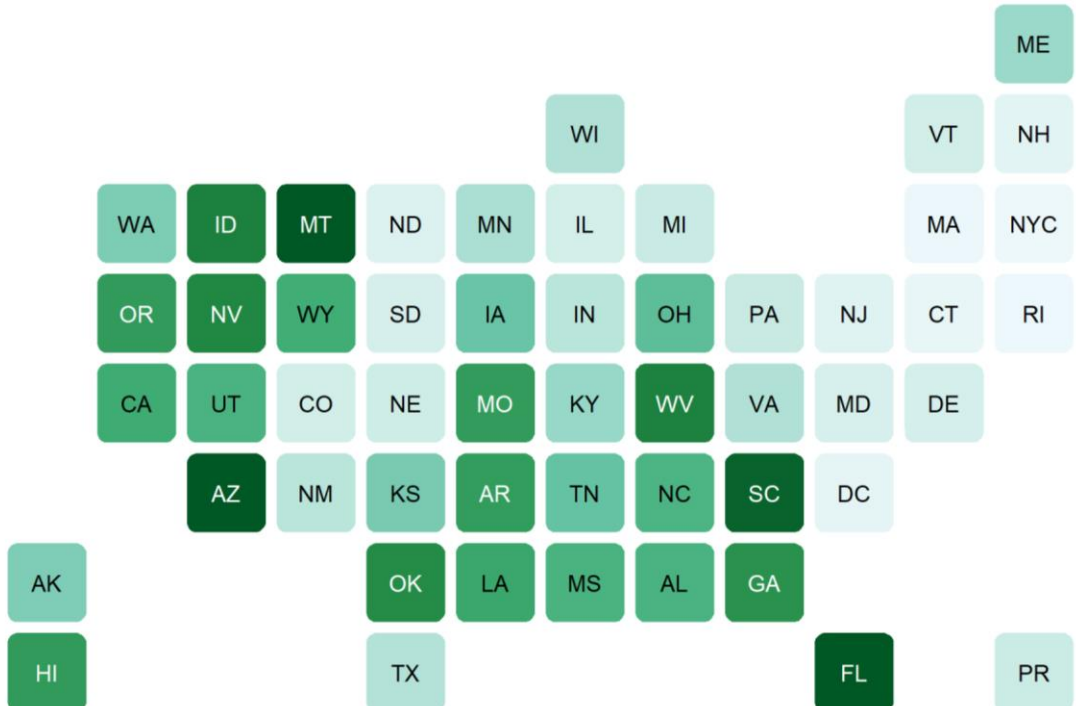
Fig 5. Total Confirmed Child Cases and Percent Increase from 6/18- 7/2

- **A.** Eight states with 6,000+ cumulative child COVID-19 cases
- **B.** From 6/18-7/2, there were 49,669 new child cases reported (116,176 to 165,845; 43% increase), with 8 out of 10 new child cases reported from states in the South and West

A. Total Child COVID-19 Cases, 7/2



B. Percent Increase in Child COVID-19 Cases, 6/18-7/2



Confirmed child COVID-19 cases
 2000 4000 6000+

Percent increase
 25 50 75 100+

See detail in Appendix: Data from 49 states, NYC, DC, and PR

Appendix Table 1: Overall Data Available on 7/2/20

Summary data across the 49 states, NYC, DC, PR, and GU reporting age distribution of confirmed COVID-19 cases; Data represent cumulative counts since states began reporting

Child population (ACS, 2018)	Total cases (all ages)	Number of child cases	Percent children of total cases	Cases per 100,000 children
71,709,878	2,335,060	165,845	7.1%	231.3



Appendix Table 2: Overall Data from 4/16 – 7/2

Date	Locations reporting age	Total cases (all ages)	Number of child cases*	Percent children of total cases	Cases per 100,000 children
7/2/20	49 states, NYC, DC, PR, and GU	2,335,060	165,845	7.1%	231.3
6/25/20	49 states, NYC, DC, PR, and GU	2,073,387	138,213	6.7%	192.7
6/18/20	49 states, NYC, DC, PR, and GU	1,885,905	116,176	6.2%	162.0
6/11/20	49 states, NYC, DC, PR, and GU	1,750,240	98,246	5.6%	137.0
6/4/20	49 states, NYC, DC, PR, and GU	1,623,334	84,016	5.2%	117.2
5/28/20	47 states, NYC, DC, PR, and GU	1,425,154	66,513	4.7%	96.8
5/21/20	47 states, NYC, DC, PR, and GU	1,288,305	54,031	4.2%	78.6
5/14/20	47 states, NYC, DC, PR, and GU	1,159,407	42,370	3.7%	61.6
5/7/20	46 states, NYC, DC, PR, and GU	1,010,112	32,568	3.2%	47.7
4/30/20	47 states, NYC, DC, and PR	849,615	23,096	2.7%	33.7
4/23/20	48 states, NYC, DC, PR, and GU	710,953	15,911	2.2%	22.4
4/16/20	46 states, NYC, and DC	456,923	9,259	2.0%	15.4

* Unknown: number of children infected but not tested and confirmed



Appendix Table 3A: State-Level COVID-19 Data Available on 7/2/20

Click state name to view original data source

Location	Age range	Child population, ages 0-17 (ACS, 2018)	Number of child cases	Percent children of total cases	Total cases (all ages)	Cases per 100,000 children
Alabama*	0-24	1,089,840	7,761	19.9%	38,962	712.1
Alaska	0-19	183,816	108	11.5%	940	58.8
Arizona	0-19	1,642,657	9,385	11.2%	84,092	571.3
Arkansas	0-17	703,180	2,622	12.6%	20,777	372.9
California	0-17	8,989,955	18,672	8.0%	232,657	207.7
Colorado	0-19	1,265,235	2,640	8.1%	32,715	208.7
Connecticut	0-19	735,193	2,017	4.3%	46,514	274.3
Delaware	0-17	203,616	708	6.2%	11,510	347.7
District of Columbia	0-19	127,494	618	6.0%	10,365	484.7
Florida	0-14	4,229,081	7,109	4.5%	156,288	168.1
Georgia	0-17	2,505,751	5,026	6.0%	84,237	200.6
Guam	0-19	57,727	18	6.7%	267	31.2
Hawaii	0-19	303,414	90	10.0%	900	29.7
Idaho	0-17	446,972	442	7.2%	6,117	98.9
Illinois	0-19	2,857,266	10,951	7.6%	144,013	383.3
Indiana	0-19	1,568,130	2,987	6.5%	45,952	190.5
Iowa	0-17	730,767	1,472	5.0%	29,446	201.5
Kansas	0-17	705,961	1,100	7.3%	14,990	155.8
Kentucky	0-19	1,008,829	1,275	8.0%	15,842	126.4
Louisiana	0-17	1,095,916	3,268	5.4%	60,178	298.2
Maine	0-19	250,404	257	7.8%	3,294	102.6
Maryland	0-19	1,340,148	5,550	8.2%	67,918	414.1
Massachusetts	0-19	1,366,858	5,784	5.3%	108,882	423.2
Michigan	0-19	2,164,668	3,307	4.7%	71,089	152.8
Minnesota	0-19	1,302,615	3,962	10.8%	36,716	304.2
Mississippi	0-17	706,141	2,430	8.7%	27,900	344.1
Missouri	0-19	1,376,830	1,616	7.4%	21,927	117.4

*As of 5/7, Alabama is reporting child cases as ages 0-24 (was previously reporting ages 0-18)

Appendix Table 3B: State-Level COVID-19 Data Available on 7/2/20

Click state name to view original data source

Location	Age range	Child population, ages 0-17 (ACS, 2018)	Number of child cases	Percent children of total cases	Total cases (all ages)	Cases per 100,000 children
Montana	0-19	229,434	117	11.5%	1,016	51.0
Nebraska	0-19	476,841	2,148	11.2%	19,177	450.4
Nevada	0-19	688,997	1,653	8.7%	19,101	239.9
New Hampshire	0-19	258,170	332	5.7%	5,782	128.6
New Jersey	0-17	1,953,643	4,642	2.7%	171,928	237.6
New Mexico	0-19	482,153	1,623	13.4%	12,147	336.6
North Carolina	0-17	2,300,645	6,855	10.3%	66,513	298.0
North Dakota	0-19	178,698	472	13.1%	3,615	264.1
NYC	0-17	1,726,900	5,997	2.8%	212,412	347.3
Ohio	0-19	2,593,325	3,455	6.5%	52,865	133.2
Oklahoma	0-17	956,486	1,111	7.9%	14,112	116.2
Oregon	0-19	873,567	1,014	11.4%	8,931	116.1
Pennsylvania	0-18	2,648,911	4,600	5.3%	87,242	173.7
Puerto Rico	0-19	594,011	130	7.6%	1,707	21.8
Rhode Island	0-19	205,213	1,348	8.0%	16,853	657.0
South Carolina	0-20	1,105,945	5,096	14.0%	36,399	460.8
South Dakota	0-19	217,606	705	10.3%	6,826	324.0
Tennessee	0-20	1,506,220	6,482	14.3%	45,315	430.3
Texas*	0-19	7,398,099	1,435	6.5%	21,960	19.4
Utah	0-14	932,462	1,549	6.8%	22,716	166.1
Vermont	0-19	115,973	95	7.9%	1,210	81.9
Virginia	0-19	1,869,792	6,551	10.4%	63,203	350.4
Washington	0-19	1,663,285	2,915	8.9%	32,824	175.2
West Virginia	0-19	364,160	316	10.6%	2,979	86.7
Wisconsin	0-19	1,276,103	3,814	11.8%	32,225	298.9
Wyoming	0-18	134,775	215	14.2%	1,514	159.5

*Texas reporting age for only 13% of total confirmed cases

Appendix Table 4: Child Testing Data Available on 7/2/20

COVID-19 Testing and Children

Location	Age range	Total tests (all ages)	Number of child tests [^]	Percent children of total tests	Positive rate*
Arizona	0-19	549,149	57,339	10.4%	16.4%
Illinois	0-19	1,636,055	110,363	6.7%	9.9%
Indiana	0-19	489,716	35,749	7.3%	8.4%
Missouri	0-19	389,740	21,833	5.6%	7.4%
Nevada	0-19	282,805	17,352	6.1%	9.5%
West Virginia	0-19	175,117	11,610	6.6%	2.7%
Wyoming	0-18	45,310	4,984	11.0%	4.3%

* Positive rate = number of child cases / number of child tests

[^] Note: Testing data represents the cumulative number of tests across all dates for which data is available

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



Appendix Table 5: Child Hospitalization Data Available on 7/2/20

COVID-19-Associated Hospitalizations and Children

Location	Age range	Number of child hospitalizations	Total hospitalizations (all ages)	Percent children of total hospitalizations	Hospitalization rate*
Arizona	0-19	65	4,837	1.3%	0.7%
Colorado	0-19	124	5,489	2.3%	4.7%
Florida	0-14	122	14,825	0.8%	1.7%
Georgia	0-17	111	11,275	1.0%	2.2%
Hawaii	0-19	1	113	0.9%	1.1%
Kansas	0-17	15	1,195	1.3%	1.4%
Massachusetts	0-19	93	11,336	0.8%	1.6%
Mississippi	0-17	39	3,177	1.2%	1.6%
Nebraska	0-19	30	1,330	2.3%	1.4%
New Hampshire	0-19	9	565	1.6%	2.7%
New Jersey	0-17	170	20,054	0.8%	3.7%
North Dakota	0-19	4	234	1.7%	0.8%
NYC	0-17	555	55,022	1.0%	9.3%
Ohio	0-19	134	7,911	1.7%	3.9%
Oregon	0-19	16	1,055	1.5%	1.6%
Rhode Island	0-19	20	1,967	1.0%	1.5%
South Dakota	0-19	19	674	2.8%	2.7%
Utah	0-14	15	1,476	1.0%	1.0%
Virginia	0-19	113	6,262	1.8%	1.7%
Washington	0-19	46	4,361	1.1%	1.6%
Wisconsin	0-19	79	3,482	1.0%	2.1%

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

Appendix Table 6A: Child Mortality Data Available on 7/2/20

COVID-19-Associated Deaths and Children

Location	Age range	Number of child deaths	Total deaths (all ages)	Percent children of total deaths	Percent of child cases resulting in death*
Alabama	0-24	4	947	0.4%	0.1%
Arizona	0-19	7	1,720	0.4%	0.1%
Arkansas	0-17	0	270	0.0%	0.0%
California	0-17	0	5,987	0.0%	0.0%
Colorado	0-19	3	1,520	0.2%	0.1%
Connecticut	0-19	2	4,322	0.0%	0.1%
Delaware	0-17	0	509	0.0%	0.0%
District of Columbia	0-19	0	553	0.0%	0.0%
Florida	0-14	0	3,350	0.0%	0.0%
Georgia	0-17	1	2,827	0.0%	0.0%
Idaho	0-17	0	92	0.0%	0.0%
Illinois	0-19	4	6,951	0.1%	0.0%
Indiana	0-19	2	2,456	0.1%	0.1%
Iowa	0-17	0	717	0.0%	0.0%
Kansas	0-17	0	272	0.0%	0.0%
Kentucky	0-19	1	572	0.2%	0.1%
Louisiana	0-17	3	3,130	0.1%	0.1%
Maryland	0-19	1	3,077	0.0%	0.0%
Massachusetts	0-19	0	8,054	0.0%	0.0%
Michigan	0-19	3	6,198	0.0%	0.1%
Minnesota	0-19	0	1,445	0.0%	0.0%

* Number of child deaths / number of child cases

Appendix Table 6B: Child Mortality Data Available on 7/2/20

COVID-19-Associated Deaths and Children

Location	Age range	Number of child deaths	Total deaths (all ages)	Percent children of total deaths	Percent of child cases resulting in death*
Mississippi	0-17	0	1,082	0.0%	0.0%
Missouri	0-19	0	1,017	0.0%	0.0%
Nebraska	0-19	1	274	0.4%	0.0%
Nevada	0-19	2	511	0.4%	0.1%
New Hampshire	0-19	0	371	0.0%	0.0%
New Jersey	0-17	2	13,224	0.0%	0.0%
North Carolina	0-17	2	1,373	0.1%	0.0%
North Dakota	0-19	0	80	0.0%	0.0%
NYC	0-17	12	18,497	0.1%	0.2%
Ohio	0-19	2	2,876	0.1%	0.1%
Oklahoma	0-17	0	389	0.0%	0.0%
Oregon	0-19	0	208	0.0%	0.0%
Pennsylvania	0-18	0	6,649	0.0%	0.0%
Rhode Island	0-19	0	956	0.0%	0.0%
South Carolina	0-20	1	739	0.1%	0.0%
South Dakota	0-19	0	93	0.0%	0.0%
Tennessee	0-20	3	583	0.5%	0.0%
Texas	0-19	2	662	0.3%	0.1%
Vermont	0-19	0	56	0.0%	0.0%
Virginia	0-19	0	1,786	0.0%	0.0%
Washington	0-19	0	1,332	0.0%	0.0%
Wisconsin	0-19	0	786	0.0%	0.0%

* Number of child deaths / number of child cases