

Children and COVID-19: State-Level Data Report as of 6/18/20

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 6/18/20
- **49 states, NYC, DC, Puerto Rico and Guam** reported age distributions of confirmed COVID-19 cases
 - 7 states provided age distribution of testing
 - 19 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

Fig 1: States Reporting Age Distribution of Confirmed COVID-19 Cases as of 6/18/20



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 19% of cases

Children and COVID-19

Summary of State-Level Data Provided in this Report: 6/18/20

Detail and links to state data sources provided in Appendix

Confirmed Cases

- 116,176 total confirmed child COVID-19 cases reported
- Children represented 6.2% (116,176/1,885,905) of all available confirmed cases
- Overall rate: 162 confirmed cases per 100,000 children in the population

Testing

- In 7 states reporting, children made up between 5.2%-11.0% of total state tests

Hospitalizations

- In 19 states and NYC, children were 0.7%-3.3% of total reported hospitalizations

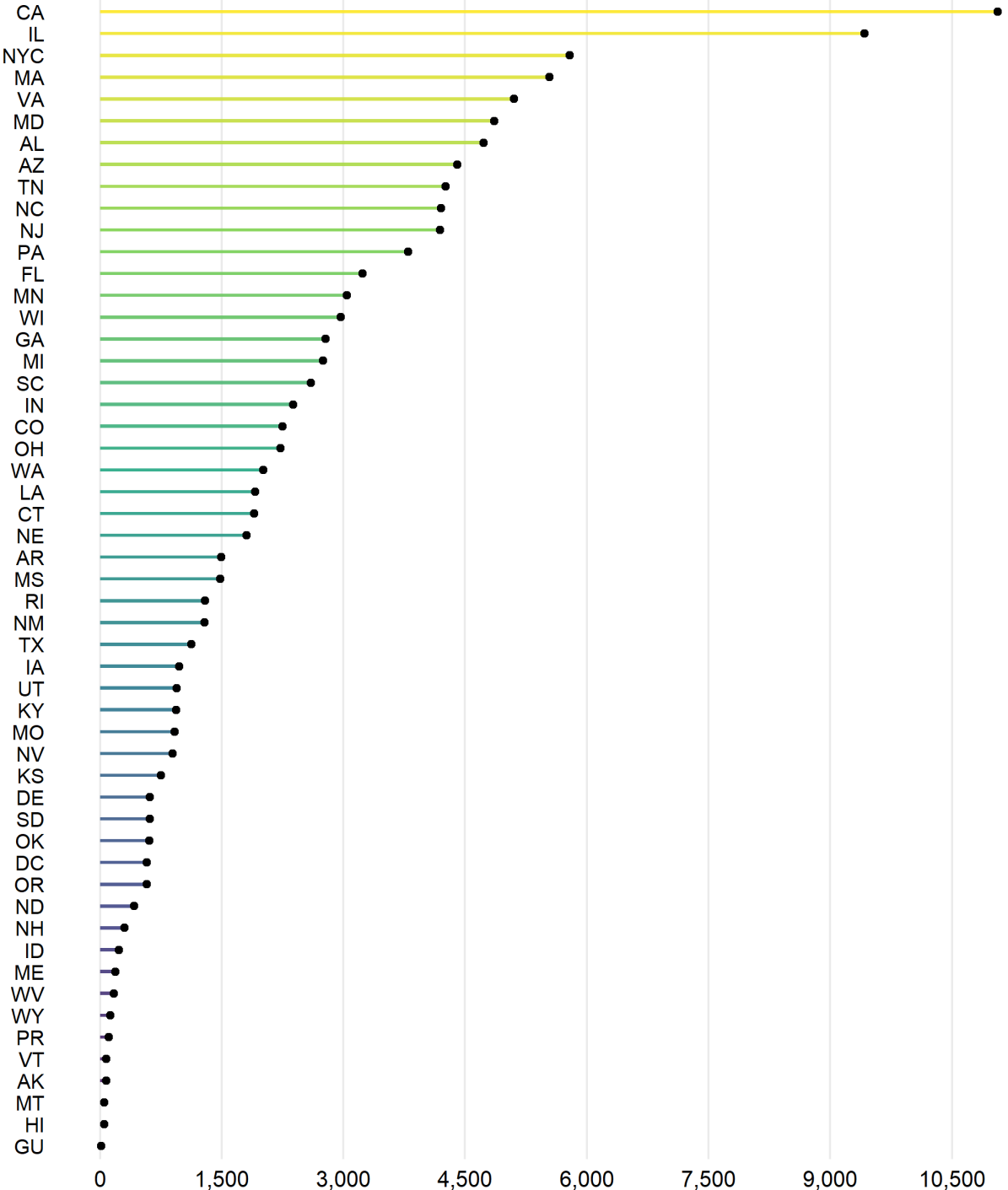
Mortality

- In 42 states and NYC, children were 0%-0.6% of all COVID-19 deaths; 24 states reported zero child deaths



Fig 2. Number of Confirmed COVID-19 Child Cases: 6/18/20

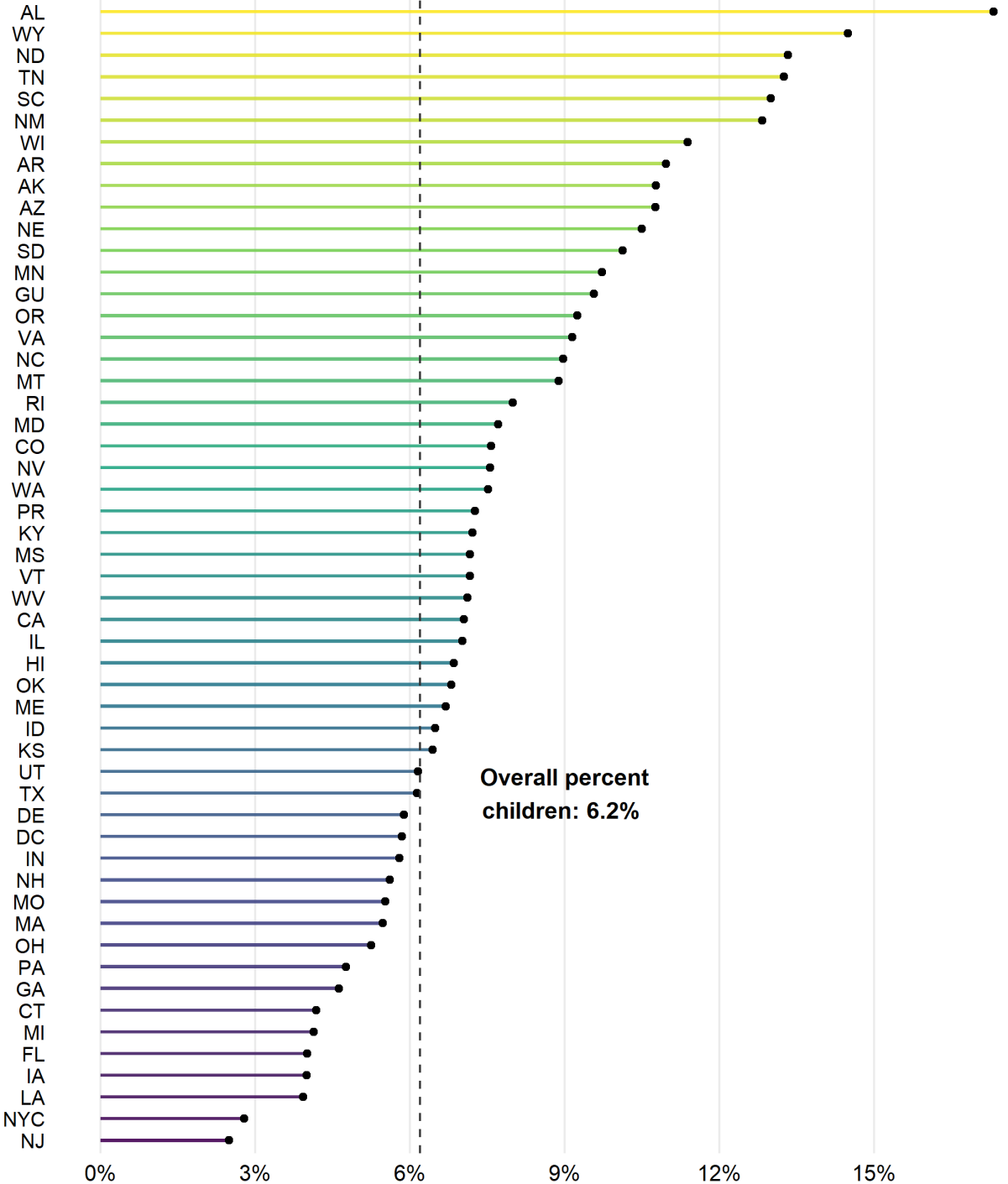
- 116,176 total confirmed child cases
- CA, IL, NYC, MA, and VA with 5,000+ child cases
- Half of US states reported 1,500+ child cases
- 4 states with fewer than 100 child cases



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

Fig 3. Percent of COVID-19 Cases that were Children: 6/18/20

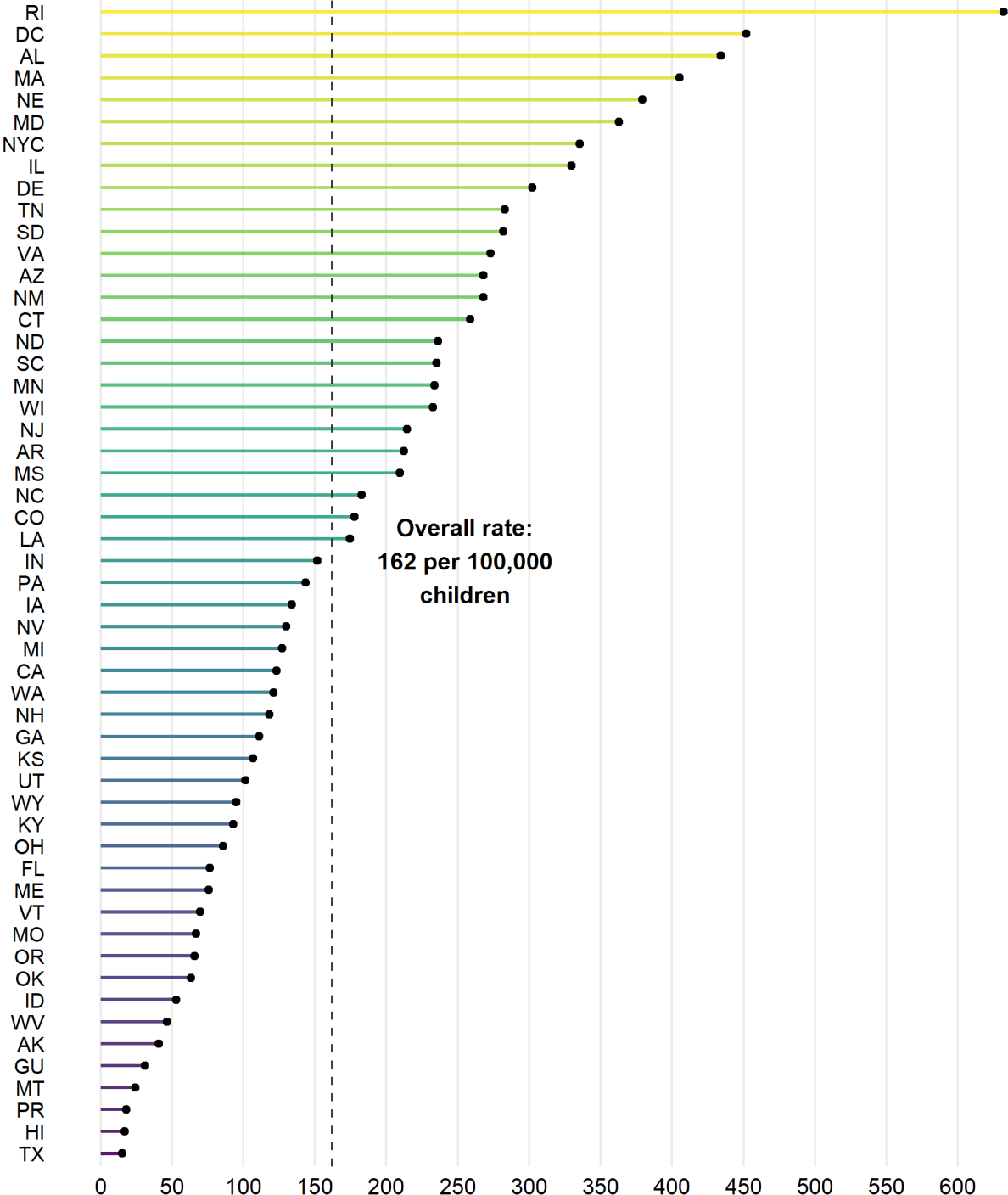
- Children represented 6.2% (116,176/1,885,905) of all available confirmed cases
- 9 states reported 10% or more of cases were children
- NJ and NYC reported that 3% or less of cases were children



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

Fig 4. Confirmed Cases per 100,000 Children: 6/18/20

- Calculated using child population estimates from 2018 American Community Survey (US Census)
- Overall rate: 162 confirmed child cases per 100,000 children in the population
- 24 states, NYC, and DC reported more than 150 confirmed cases per 100,000 children

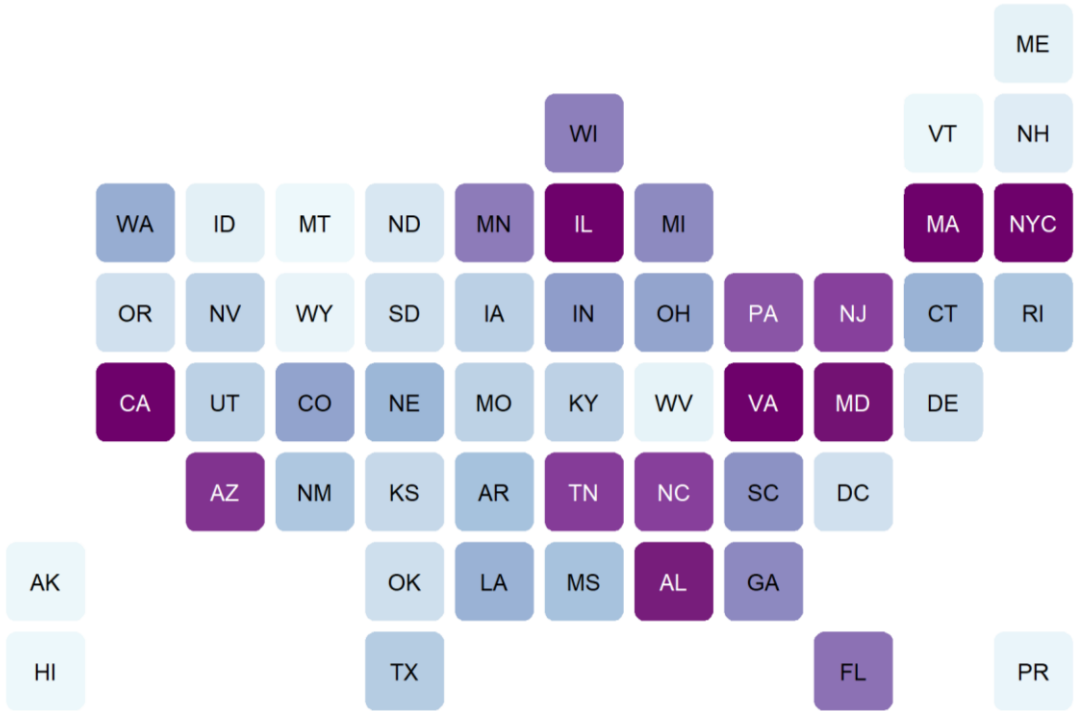


See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU

Fig 5. Total Confirmed Child Cases and Percent Increase from 6/4 - 6/18

- A: CA, IL, NYC, MA, and VA with 5,000+ child cases
- B: But, from 6/4-6/18, 7 out of 10 new child cases were reported from states in the South and West

A. Total confirmed child COVID-19 cases, 6/18



Confirmed child COVID-19 cases
1000 2000 3000 4000 5000+

B. Percent increase in confirmed child COVID-19 cases, 6/14 - 6/18



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 6/18/20

Summary data across the 49 states, NYC, DC, PR, and GU reporting age distribution of confirmed COVID-19 cases

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	1,885,905	116,176	6.2%	162.0



Appendix Table 2: Overall Data from 4/16 – 6/18

Date	Locations Reporting Age	Total cases (all ages)	Number of child cases*	Percent children of total cases	Cases per 100,000 children
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 6/18/20

Click state name to view original data source

Location	Age range	Child Population (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	4,730	17.3%	27,312	434.0
Alaska	0-19	183,816	75	10.8%	696	40.8
Arizona	0-19	1,642,657	4,404	10.8%	40,924	268.1
Arkansas	0-17	703,180	1,492	11.0%	13,606	212.2
California	0-17	8,989,955	11,064	7.0%	157,015	123.1
Colorado	0-19	1,265,235	2,249	7.6%	29,673	177.8
Connecticut	0-19	735,193	1,902	4.2%	45,429	258.7
Delaware	0-17	203,616	615	5.9%	10,444	302.0
District of Columbia	0-19	127,494	576	5.8%	9,847	451.8
Florida	0-14	4,229,081	3,234	4.0%	80,676	76.5
Georgia	0-17	2,505,751	2,780	4.6%	60,030	110.9
Guam	0-19	57,727	18	9.6%	188	31.2
Hawaii	0-19	303,414	51	6.9%	744	16.8
Idaho	0-17	446,972	236	6.5%	3,632	52.8
Illinois	0-19	2,857,266	9,421	7.0%	134,185	329.7
Indiana	0-19	1,568,130	2,379	5.8%	41,013	151.7
Iowa	0-17	730,767	978	4.0%	24,459	133.9
Kansas	0-17	705,961	753	6.4%	11,681	106.7
Kentucky	0-19	1,008,829	938	7.2%	12,995	93.0
Louisiana	0-17	1,095,916	1,911	3.9%	48,634	174.4
Maine	0-19	250,404	190	6.7%	2,836	75.9
Maryland	0-19	1,340,148	4,860	7.7%	62,969	362.6
Massachusetts	0-19	1,366,858	5,541	5.5%	101,151	405.4
Michigan	0-19	2,164,668	2,749	4.1%	66,497	127.0
Minnesota	0-19	1,302,615	3,044	9.7%	31,296	233.7
Mississippi	0-17	706,141	1,480	7.2%	20,641	209.6
Missouri	0-19	1,376,830	919	5.5%	16,625	66.7

*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 6/18/20

Click state name to view original data source

Location	Age range	Child Population (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	56	8.9%	630	24.4
Nebraska	0-19	476,841	1,809	10.5%	17,226	379.3
Nevada	0-19	688,997	895	7.6%	11,842	129.9
New Hampshire	0-19	258,170	305	5.6%	5,436	118.1
New Jersey	0-17	1,953,643	4,193	2.5%	167,703	214.6
New Mexico	0-19	482,153	1,292	12.8%	10,065	268.0
North Carolina	0-17	2,300,645	4,206	9.0%	46,855	182.8
North Dakota	0-19	178,698	422	13.3%	3,166	236.2
NYC	0-17	1,726,900	5,789	2.8%	207,821	335.2
Ohio	0-19	2,593,325	2,227	5.2%	42,422	85.9
Oklahoma	0-17	956,486	606	6.8%	8,904	63.4
Oregon	0-19	873,567	575	9.2%	6,218	65.8
Pennsylvania	0-18	2,648,911	3,800	4.8%	79,818	143.5
Puerto Rico	0-19	594,011	108	7.3%	1,486	18.2
Rhode Island	0-19	205,213	1,297	8.0%	16,213	632.0
South Carolina	0-20	1,105,945	2,599	13.0%	19,991	235.0
South Dakota	0-19	217,606	613	10.1%	6,050	281.7
Tennessee	0-20	1,506,220	4,260	13.3%	32,143	282.8
Texas*	0-19	7,398,099	1,126	6.1%	18,346	15.2
Utah	0-14	932,462	945	6.2%	15,344	101.3
Vermont	0-19	115,973	81	7.2%	1,130	69.8
Virginia	0-19	1,869,792	5,102	9.1%	55,775	272.9
Washington	0-19	1,663,285	2,014	7.5%	26,784	121.1
West Virginia	0-19	364,160	169	7.1%	2,376	46.5
Wisconsin	0-19	1,276,103	2,970	11.4%	26,079	232.7
Wyoming	0-18	134,775	128	14.5%	884	95.1

*Texas reporting age for only 18,346 out of 96,335 total confirmed cases

Appendix Table 4: Child Testing Data Available on 6/18/20

COVID-19 Testing and Children

Location	Age range	Number of child tests	Total tests (all ages)	Percent children of total tests	Positive rate*
Arizona	0-19	34,578	365,846	9.5%	12.7%
Illinois	0-19	82,896	1,258,328	6.6%	11.4%
Indiana	0-19	24,498	371,182	6.6%	9.7%
Missouri	0-19	15,206	290,931	5.2%	6.0%
Nevada	0-19	11,902	227,592	5.2%	7.5%
West Virginia	0-19	7,898	141,289	5.6%	2.1%
Wyoming	0-18	3,761	34,190	11.0%	3.4%

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



Appendix Table 5: Child Hospitalization Data Available on 6/18/20

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	44	3,861	1.1%	1.0%
Colorado	0-19	115	5,294	2.2%	5.1%
Florida	0-14	92	12,389	0.7%	2.8%
Georgia	0-17	74	9,543	0.8%	2.7%
Hawaii	0-19	1	91	1.1%	2.0%
Kansas	0-17	10	1,011	1.0%	1.3%
Massachusetts	0-19	88	10,924	0.8%	1.6%
Mississippi	0-17	31	2,767	1.1%	2.1%
Nebraska	0-19	22	1,141	1.9%	1.2%
New Hampshire	0-19	8	531	1.5%	2.6%
New Jersey	0-17	133	19,010	0.7%	3.2%
North Dakota	0-19	4	201	2.0%	0.9%
NYC	0-17	532	54,170	1.0%	9.2%
Ohio	0-19	109	7,051	1.5%	4.9%
Oregon	0-19	11	929	1.2%	1.9%
Rhode Island	0-19	--	--	1.0%	--
South Dakota	0-19	19	570	3.3%	3.1%
Utah	0-14	9	1,102	0.8%	1.0%
Virginia	0-19	94	5,692	1.7%	1.8%
Washington	0-19	37	3,938	0.9%	1.8%

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



Appendix Table 6A: Child Mortality Data Available on 6/18/20

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	3	784	0.4%	0.1%
Arizona	0-19	4	1,239	0.3%	0.1%
Arkansas	0-17	0	197	0.0%	0.0%
California	0-17	0	5,064	0.0%	0.0%
Colorado	0-19	3	1,631	0.2%	0.1%
Connecticut	0-19	2	4,219	0.0%	0.1%
Delaware	0-17	0	426	0.0%	0.0%
District of Columbia	0-19	0	523	0.0%	0.0%
Florida	0-14	0	3,018	0.0%	0.0%
Georgia	0-17	1	2,575	0.0%	0.0%
Idaho	0-17	0	88	0.0%	0.0%
Illinois	0-19	4	6,485	0.1%	0.0%
Indiana	0-19	2	2,289	0.1%	0.1%
Iowa	0-17	0	675	0.0%	0.0%
Kansas	0-17	0	247	0.0%	0.0%
Kentucky	0-19	1	518	0.2%	0.1%
Louisiana	0-17	2	2,950	0.1%	0.1%
Maryland	0-19	1	2,866	0.0%	0.0%
Massachusetts	0-19	0	7,734	0.0%	0.0%
Michigan	0-19	3	6,036	0.0%	0.1%
Minnesota	0-19	0	1,325	0.0%	0.0%

* Number of child deaths / number of child cases

Appendix Table 6B: Child Mortality Data Available on 6/18/20

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	938	0.0%	0.0%
Missouri	0-19	0	909	0.0%	0.0%
Nebraska	0-19	1	234	0.4%	0.1%
Nevada	0-19	2	473	0.4%	0.2%
New Hampshire	0-19	0	330	0.0%	0.0%
New Jersey	0-17	6	12,769	0.1%	0.2%
North Carolina	0-17	1	1,168	0.1%	0.0%
North Dakota	0-19	0	74	0.0%	0.0%
NYC	0-17	11	17,487	0.1%	0.2%
Ohio	0-19	0	2,611	0.0%	0.0%
Oklahoma	0-17	0	364	0.0%	0.0%
Oregon	0-19	0	183	0.0%	0.0%
Pennsylvania	0-18	0	6,319	0.0%	0.0%
Rhode Island	0-19	0	876	0.0%	0.0%
South Carolina	0-20	1	617	0.2%	0.0%
South Dakota	0-19	0	78	0.0%	0.0%
Tennessee	0-20	3	497	0.6%	0.1%
Texas	0-19	2	664	0.3%	0.2%
Vermont	0-19	0	55	0.0%	0.0%
Virginia	0-19	0	1,583	0.0%	0.0%
Washington	0-19	0	1,226	0.0%	0.0%
Wisconsin	0-19	0	712	0.0%	0.0%

* Number of child deaths / number of child cases