

Children and COVID-19: State-Level Data Report as of 6/25/20

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 6/25/20
- **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 16% of all cases and is excluded from some figures

Fig 1: States Reporting Age Distribution of Confirmed COVID-19 Cases as of 6/25/20



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 16% of cases

Children and COVID-19

Summary of State-Level Data Provided in this Report: 6/25/20

Data represent cumulative counts since states began reporting

Detail and links to state data sources provided in Appendix

Cumulative Number of Confirmed Cases

- 138,213 total confirmed child COVID-19 cases reported
- Children represented 6.7% (138,213/2,073,387) of all available confirmed cases
- Overall rate: 193 confirmed cases per 100,000 children in the population

Change in Child Cases, 6/11 – 6/25

- 39,967 new child cases reported from 6/11-6/25 (98,246 to 138,213), a 41% increase in child cases

Testing

- In 7 states reporting, children made up between 5.4%-11.0% of total state tests*

Hospitalizations

- In 20 states and NYC, children were 0.6%-3.0% of total reported hospitalizations

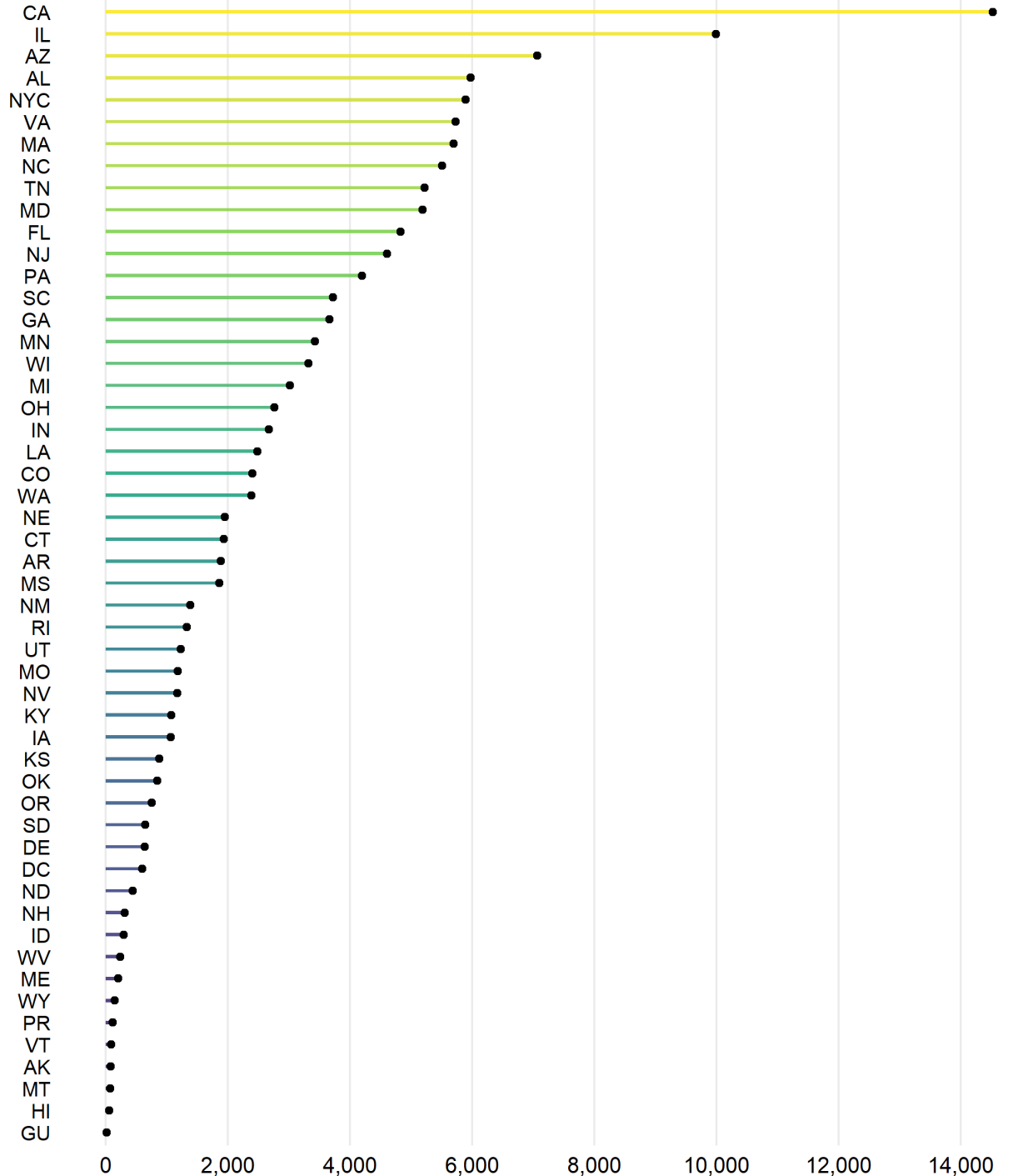
Mortality

- In 42 states and NYC, children were 0%-0.7% of all COVID-19 deaths; 23 states reported zero child deaths



Fig 2. Cumulative Number of Confirmed COVID-19 Child Cases: 6/25/20

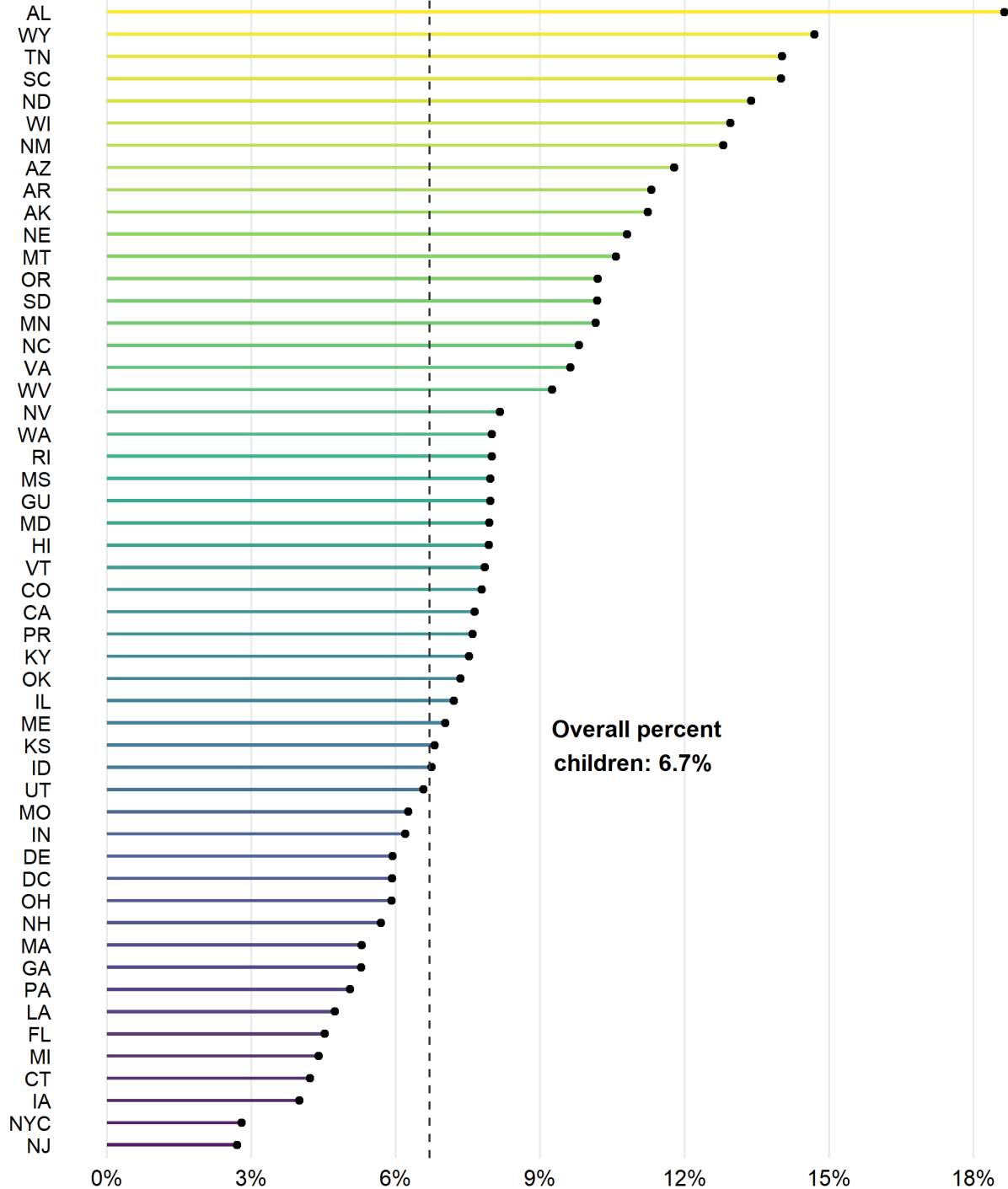
- 138,213 total confirmed child cases
- 9 states and NYC with 5,000+ child cases
- Half of US states reported 2,000+ child cases
- 4 states with fewer than 100 child cases



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

Fig 3. Percent of Cumulative COVID-19 Cases that were Children: 6/25/20

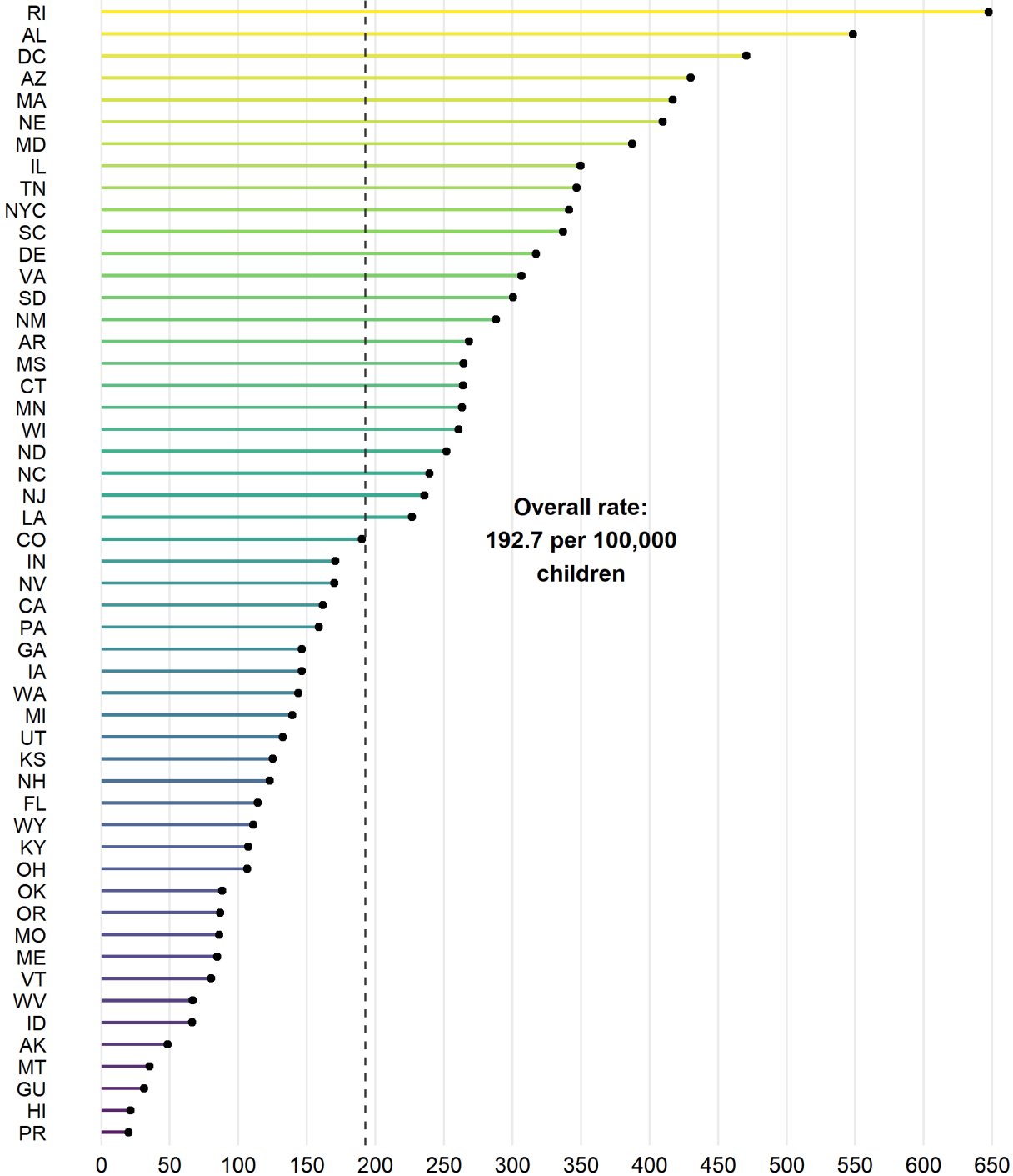
- Children represented 6.7% (138,213/2,073,387) of all available confirmed cases
- 15 states reported 10% or more of cases were children
- NJ and NYC reported that less than 3% of cases were children



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

Fig 4. Cumulative Confirmed Cases per 100,000 Children: 6/25/20

- Calculated using child population estimates from 2018 American Community Survey (US Census)
- Overall rate: 193 confirmed child cases per 100,000 children in the population
- 27 states, NYC, and DC reported more than 150 confirmed cases per 100,000 children

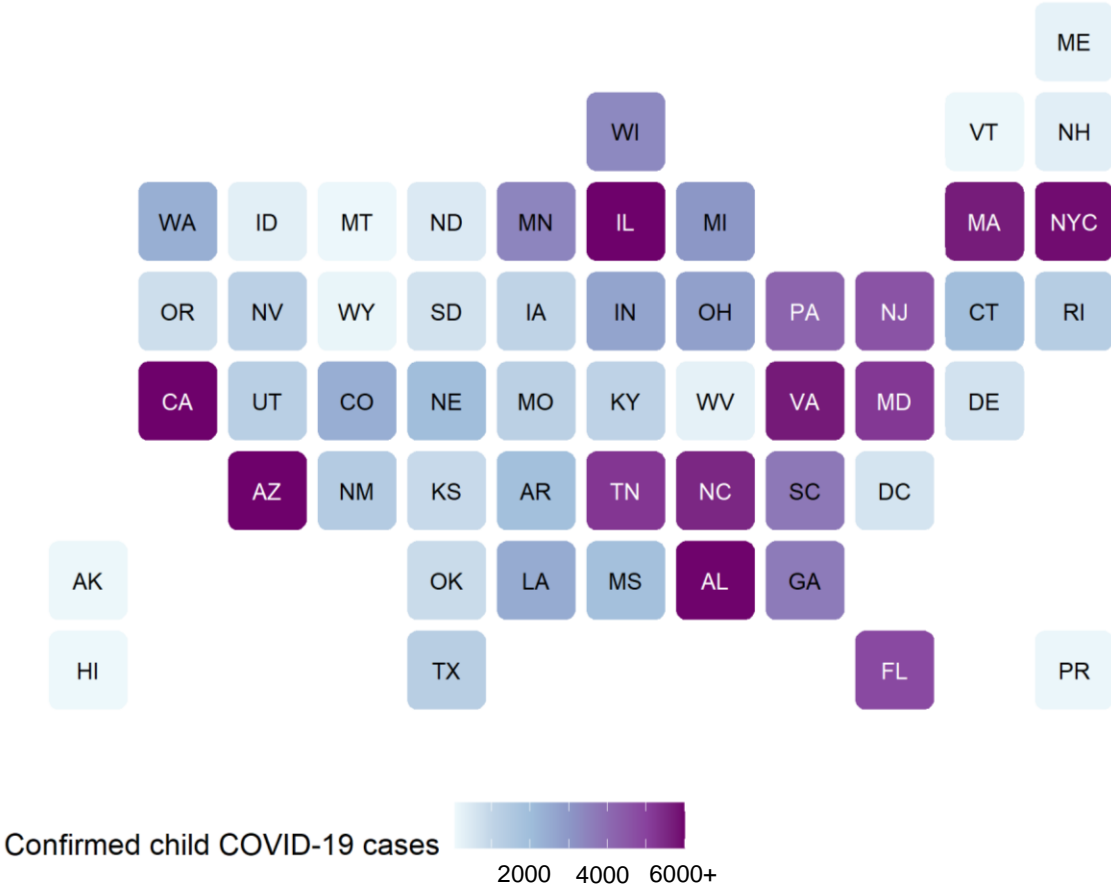


See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU

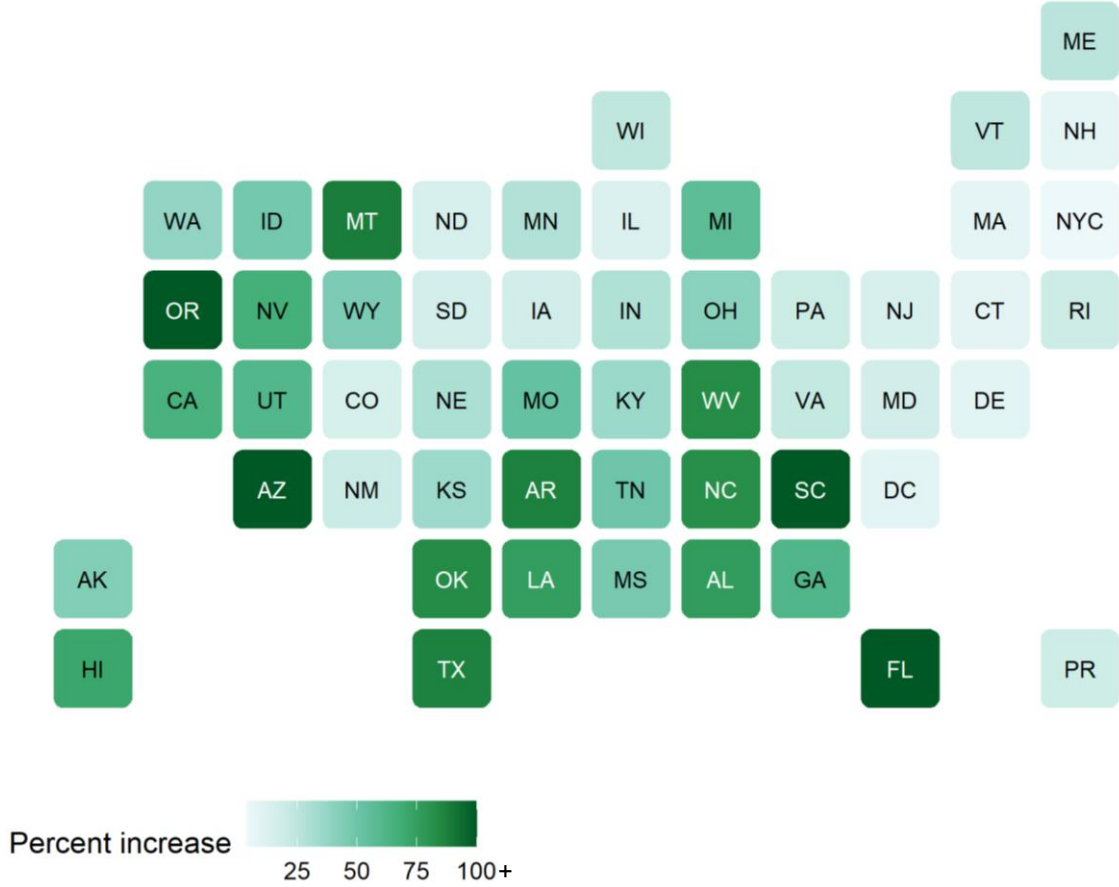
Fig 5. Total Confirmed Child Cases and Percent Increase from 6/11 - 6/25

- **A.** Nine states and NYC with 5,000+ total child COVID-19 cases
- **B.** From 6/11-6/25, there were 39,967 new child cases reported (98,246 to 138,213; 41% increase), with nearly 8 out of 10 new child cases reported from states in the South and West

A. Total Child COVID-19 Cases, 6/25



B. Percent Increase in Child COVID-19 Cases, 6/11-6/25



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

Appendix Table 1: Overall Data Available on 6/25/20

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	2,073,387	138,213	6.7%	192.7



Appendix Table 2: Overall Data from 4/16 – 6/25

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

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Appendix Table 3A: State-Level COVID-19 Data Available on 6/25/20

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	5,977	18.6%	32,064	548.4
Alaska	0-19	183,816	89	11.2%	792	48.4
Arizona	0-19	1,642,657	7,066	11.8%	59,974	430.2
Arkansas	0-17	703,180	1,886	11.3%	16,678	268.2
California	0-17	8,989,955	14,524	7.6%	190,222	161.6
Colorado	0-19	1,265,235	2,407	7.8%	30,893	190.2
Connecticut	0-19	735,193	1,939	4.2%	45,913	263.7
Delaware	0-17	203,616	646	5.9%	10,889	317.3
District of Columbia	0-19	127,494	600	5.9%	10,128	470.6
Florida	0-14	4,229,081	4,831	4.5%	106,743	114.2
Georgia	0-17	2,505,751	3,664	5.3%	69,381	146.2
Guam	0-19	57,727	18	8.0%	226	31.2
Hawaii	0-19	303,414	65	7.9%	819	21.4
Idaho	0-17	446,972	297	6.7%	4,402	66.4
Illinois	0-19	2,857,266	9,992	7.2%	138,540	349.7
Indiana	0-19	1,568,130	2,675	6.2%	43,140	170.6
Iowa	0-17	730,767	1,068	4.0%	26,705	146.2
Kansas	0-17	705,961	883	6.8%	12,970	125.1
Kentucky	0-19	1,008,829	1,080	7.5%	14,363	107.1
Louisiana	0-17	1,095,916	2,484	4.7%	52,477	226.7
Maine	0-19	250,404	212	7.0%	3,017	84.7
Maryland	0-19	1,340,148	5,192	7.9%	65,337	387.4
Massachusetts	0-19	1,366,858	5,699	5.3%	107,611	416.9
Michigan	0-19	2,164,668	3,017	4.4%	68,555	139.4
Minnesota	0-19	1,302,615	3,429	10.2%	33,763	263.2
Mississippi	0-17	706,141	1,866	8.0%	23,424	264.3
Missouri	0-19	1,376,830	1,182	6.3%	18,868	85.8

*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 6/25/20

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	81	10.6%	766	35.3
Nebraska	0-19	476,841	1,954	10.8%	18,092	409.8
Nevada	0-19	688,997	1,172	8.2%	14,362	170.1
New Hampshire	0-19	258,170	317	5.7%	5,571	122.8
New Jersey	0-17	1,953,643	4,605	2.7%	169,892	235.7
New Mexico	0-19	482,153	1,388	12.8%	10,838	287.9
North Carolina	0-17	2,300,645	5,511	9.8%	56,174	239.5
North Dakota	0-19	178,698	450	13.4%	3,362	251.8
NYC	0-17	1,726,900	5,895	2.8%	210,185	341.4
Ohio	0-19	2,593,325	2,764	5.9%	46,759	106.6
Oklahoma	0-17	956,486	845	7.3%	11,510	88.3
Oregon	0-19	873,567	759	10.2%	7,444	86.9
Pennsylvania	0-18	2,648,911	4,200	5.0%	83,191	158.6
Puerto Rico	0-19	594,011	118	7.6%	1,550	19.8
Rhode Island	0-19	205,213	1,328	8.0%	16,606	647.4
South Carolina	0-20	1,105,945	3,726	14.0%	26,613	336.9
South Dakota	0-19	217,606	654	10.2%	6,419	300.5
Tennessee	0-20	1,506,220	5,223	14.0%	37,235	346.8
Texas	0-19	7,398,099	1,270	6.3%	20,255	17.2
Utah	0-14	932,462	1,236	6.6%	18,784	132.6
Vermont	0-19	115,973	93	7.9%	1,184	80.2
Virginia	0-19	1,869,792	5,731	9.6%	59,514	306.5
Washington	0-19	1,663,285	2,390	8.0%	29,869	143.7
West Virginia	0-19	364,160	243	9.3%	2,629	66.8
Wisconsin	0-19	1,276,103	3,324	12.9%	25,673	260.5
Wyoming	0-18	134,775	149	14.7%	1,016	110.8

*Texas reporting age for only 16% of total confirmed cases

Appendix Table 4: Child Testing Data Available on 6/25/20

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	463,800	47,157	10.2%	15.0%
Illinois	0-19	1,428,841	95,415	6.7%	10.5%
Indiana	0-19	431,883	29,800	6.9%	9.0%
Missouri	0-19	327,024	17,498	5.4%	6.8%
Nevada	0-19	251,907	14,124	5.6%	8.3%
West Virginia	0-19	156,960	9,637	6.1%	2.5%
Wyoming	0-18	40,154	4,417	11.0%	3.4%

* 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

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Appendix Table 5: Child Hospitalization Data Available on 6/25/20

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	57	4,406	1.3%	0.8%
Colorado	0-19	119	5,366	2.2%	4.9%
Florida	0-14	107	13,574	0.8%	2.2%
Georgia	0-17	91	10,313	0.9%	2.5%
Hawaii	0-19	1	99	1.0%	1.5%
Kansas	0-17	12	1,982	0.6%	1.4%
Massachusetts	0-19	92	11,209	0.8%	1.6%
Mississippi	0-17	34	2,946	1.2%	1.8%
Nebraska	0-19	27	1,257	2.1%	1.4%
New Hampshire	0-19	9	558	1.6%	2.8%
New Jersey	0-17	176	19,598	0.9%	3.8%
North Dakota	0-19	4	219	1.8%	0.9%
NYC	0-17	543	54,504	1.0%	9.2%
Ohio	0-19	118	7,447	1.6%	4.3%
Oregon	0-19	7	1,006	0.7%	0.9%
Rhode Island	0-19	20	1,967	1.0%	1.5%
South Dakota	0-19	19	629	3.0%	2.9%
Utah	0-14	10	1,256	0.8%	0.8%
Virginia	0-19	105	5,955	1.8%	1.8%
Washington	0-19	41	4,093	1.0%	1.7%
Wisconsin	0-19	71	3,299	1.0%	2.1%

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

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Appendix Table 6A: Child Mortality Data Available on 6/25/20

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	5	891	0.6%	0.1%
Arizona	0-19	6	1,463	0.4%	0.1%
Arkansas	0-17	0	237	0.0%	0.0%
California	0-17	0	5,499	0.0%	0.0%
Colorado	0-19	3	1,455	0.2%	0.1%
Connecticut	0-19	2	4,287	0.0%	0.1%
Delaware	0-17	0	505	0.0%	0.0%
District of Columbia	0-19	0	541	0.0%	0.0%
Florida	0-14	0	3,281	0.0%	0.0%
Georgia	0-17	1	2,698	0.0%	0.0%
Idaho	0-17	0	89	0.0%	0.0%
Illinois	0-19	4	6,770	0.1%	0.0%
Indiana	0-19	2	2,386	0.1%	0.1%
Iowa	0-17	0	692	0.0%	0.0%
Kansas	0-17	0	261	0.0%	0.0%
Kentucky	0-19	1	538	0.2%	0.1%
Louisiana	0-17	3	3,039	0.1%	0.1%
Maryland	0-19	1	2,978	0.0%	0.0%
Massachusetts	0-19	0	7,938	0.0%	0.0%
Michigan	0-19	3	6,114	0.0%	0.1%
Minnesota	0-19	0	1,397	0.0%	0.0%

* Number of child deaths / number of child cases

Appendix Table 6B: Child Mortality Data Available on 6/25/20

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	1,011	0.0%	0.0%
Missouri	0-19	0	975	0.0%	0.0%
Nebraska	0-19	1	256	0.4%	0.1%
Nevada	0-19	2	494	0.4%	0.2%
New Hampshire	0-19	0	343	0.0%	0.0%
New Jersey	0-17	3	12,995	0.0%	0.1%
North Carolina	0-17	1	1,266	0.1%	0.0%
North Dakota	0-19	0	78	0.0%	0.0%
NYC	0-17	12	17,685	0.1%	0.2%
Ohio	0-19	0	2,755	0.0%	0.0%
Oklahoma	0-17	0	372	0.0%	0.0%
Oregon	0-19	0	195	0.0%	0.0%
Pennsylvania	0-18	0	6,518	0.0%	0.0%
Rhode Island	0-19	0	912	0.0%	0.0%
South Carolina	0-20	1	673	0.1%	0.0%
South Dakota	0-19	0	84	0.0%	0.0%
Tennessee	0-20	4	556	0.7%	0.1%
Texas	0-19	2	662	0.3%	0.2%
Vermont	0-19	0	56	0.0%	0.0%
Virginia	0-19	0	1,661	0.0%	0.0%
Washington	0-19	0	1,293	0.0%	0.0%
Wisconsin	0-19	0	757	0.0%	0.0%

* Number of child deaths / number of child cases