

# 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: 10/1/20**

# 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 10/1/20
- **49 states, NYC, DC, Puerto Rico and Guam** provided age distributions of reported COVID-19 cases
  - 10 states provided age distribution of testing
  - 25 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 10/1/20**



**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

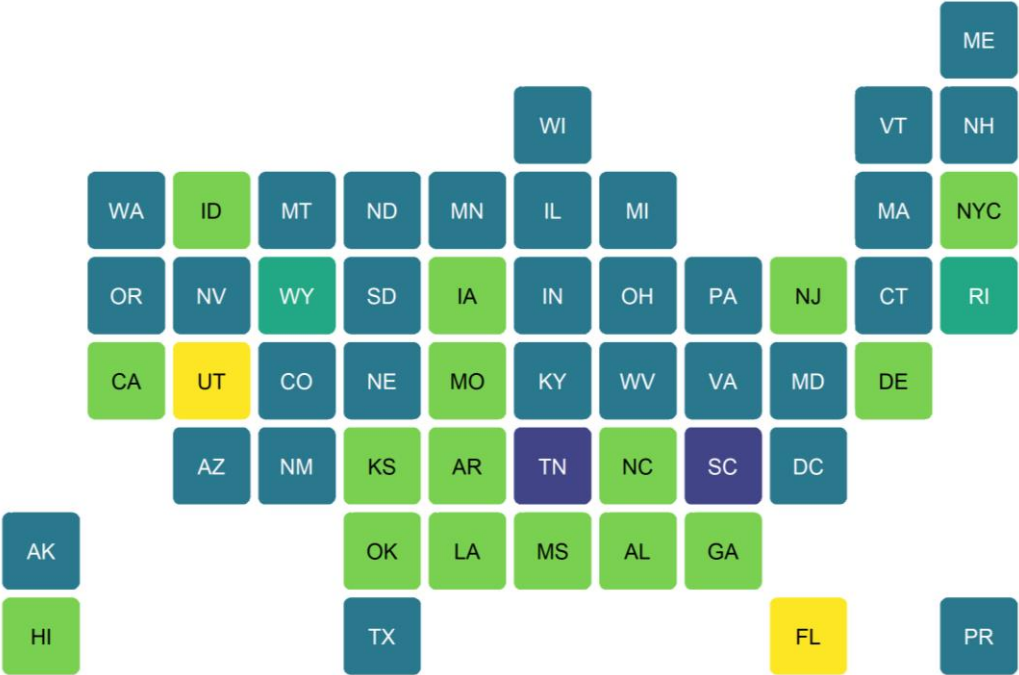
## General Limitations

- 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
- MO: As of 10/1, changed definition of child cases from 0-19 to 0-17 years; the cumulative results in this 10/1 report represent the 0-17 age category for MO, however MO data excluded from all analysis examining change in cases over time

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



Child Age Range Reported (years):



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: 10/1/20

## 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\*

- 657,572 total child COVID-19 cases reported, and children represented 10.6% (657,572/6,231,564) of all cases
- Overall rate: 874 cases per 100,000 children in the population

### Change in Child COVID-19 Cases, 9/17/20 – 10/1/20 (Excludes Missouri due to change in definition of child case as of 10/1)^

- 73,276 new child cases reported from 9/17-10/1 (573,381 to 646,656), a 13% increase in child cases over 2 weeks

### Testing (10 states reported)\*

- Children made up between 5%-16.4% of total state tests, and between 3.7%-15% of children tested were tested positive

### Hospitalizations (25 states and NYC reported)\*

- Children were 0.7%-3.6% of total reported hospitalizations, and between 0.2%-7.9% of all child COVID-19 cases resulted in hospitalization

### Mortality (42 states and NYC reported)\*

- Children were 0%-0.24% of all COVID-19 deaths, and 17 states reported zero child deaths
- In states reporting, 0%-0.16% of all child COVID-19 cases resulted in death

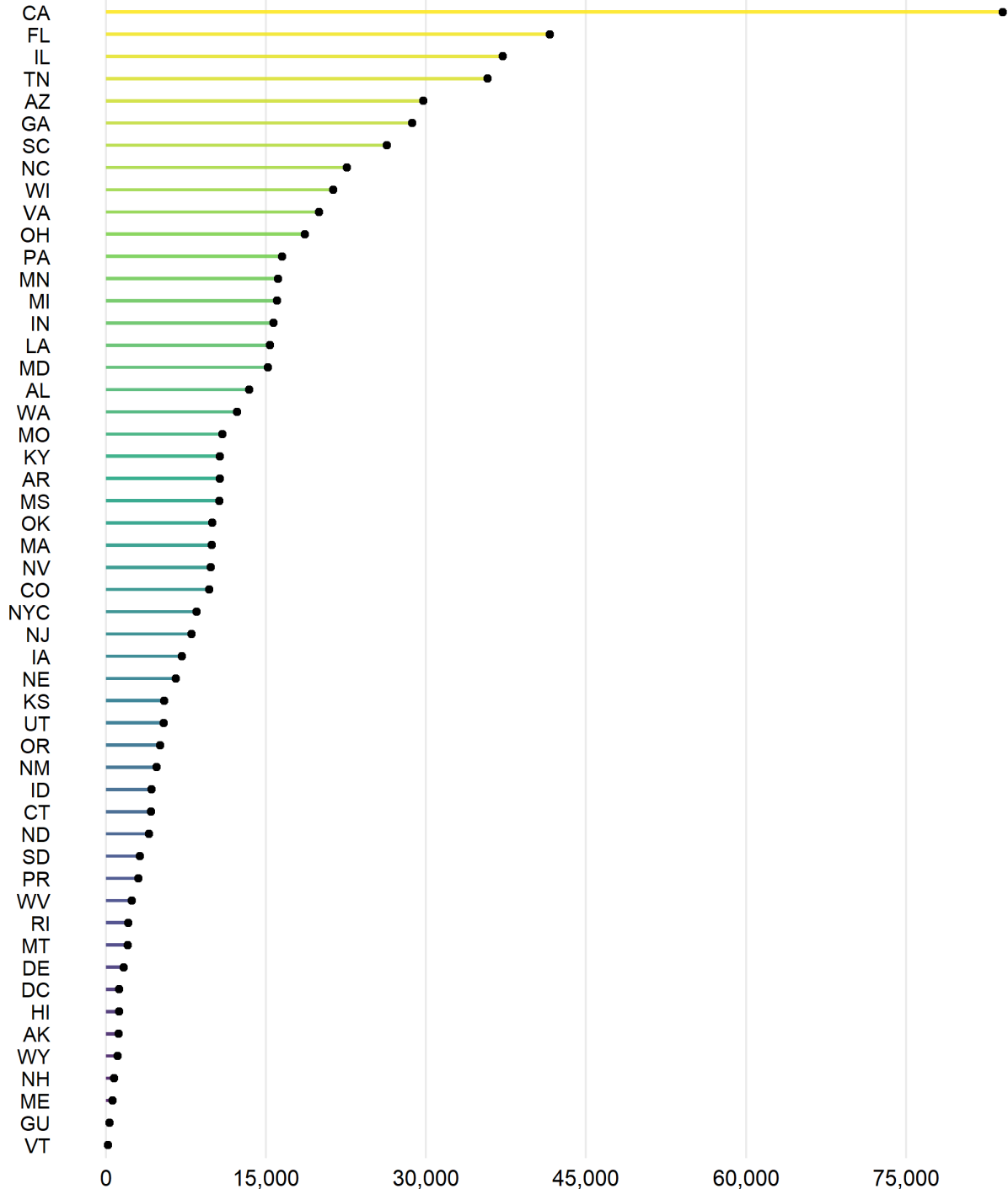
*See detail in Appendix: Data from 49 states, NYC, DC, PR, and GU; Analysis by American Academy of Pediatrics and Children's Hospital Association*

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

*^ 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 for MO; MO is excluded from analysis due to a lack of historical data of MO child cases using the 0-17 years age category*

Fig 2. Cumulative Number of Child COVID-19 Cases: 10/1/20

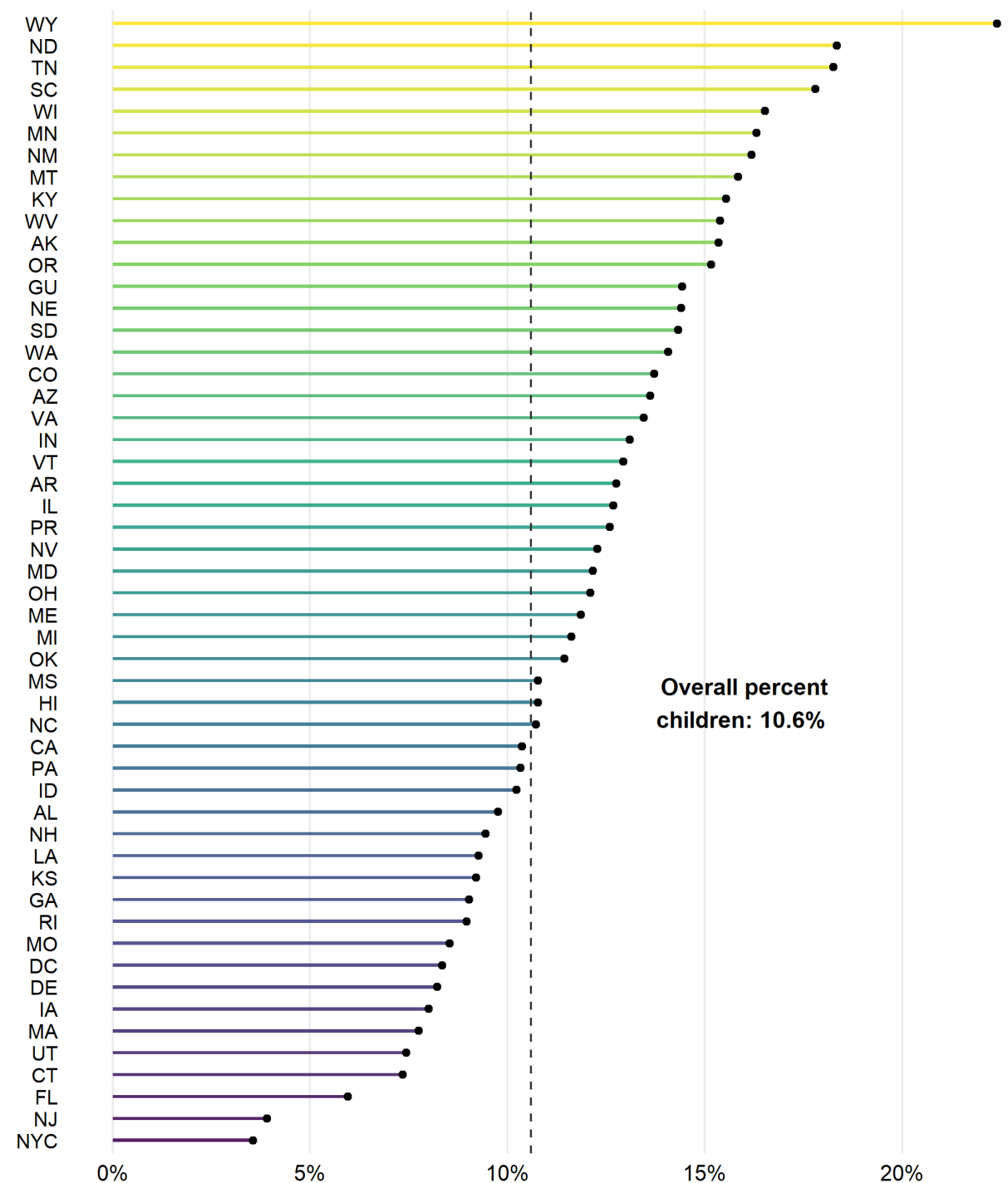
- 657,572 total child COVID-19 cases (cumulative)
- Ten states reported 20,000+ child cases
- Three states reported fewer than 1,000 child cases



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: 10/1/20

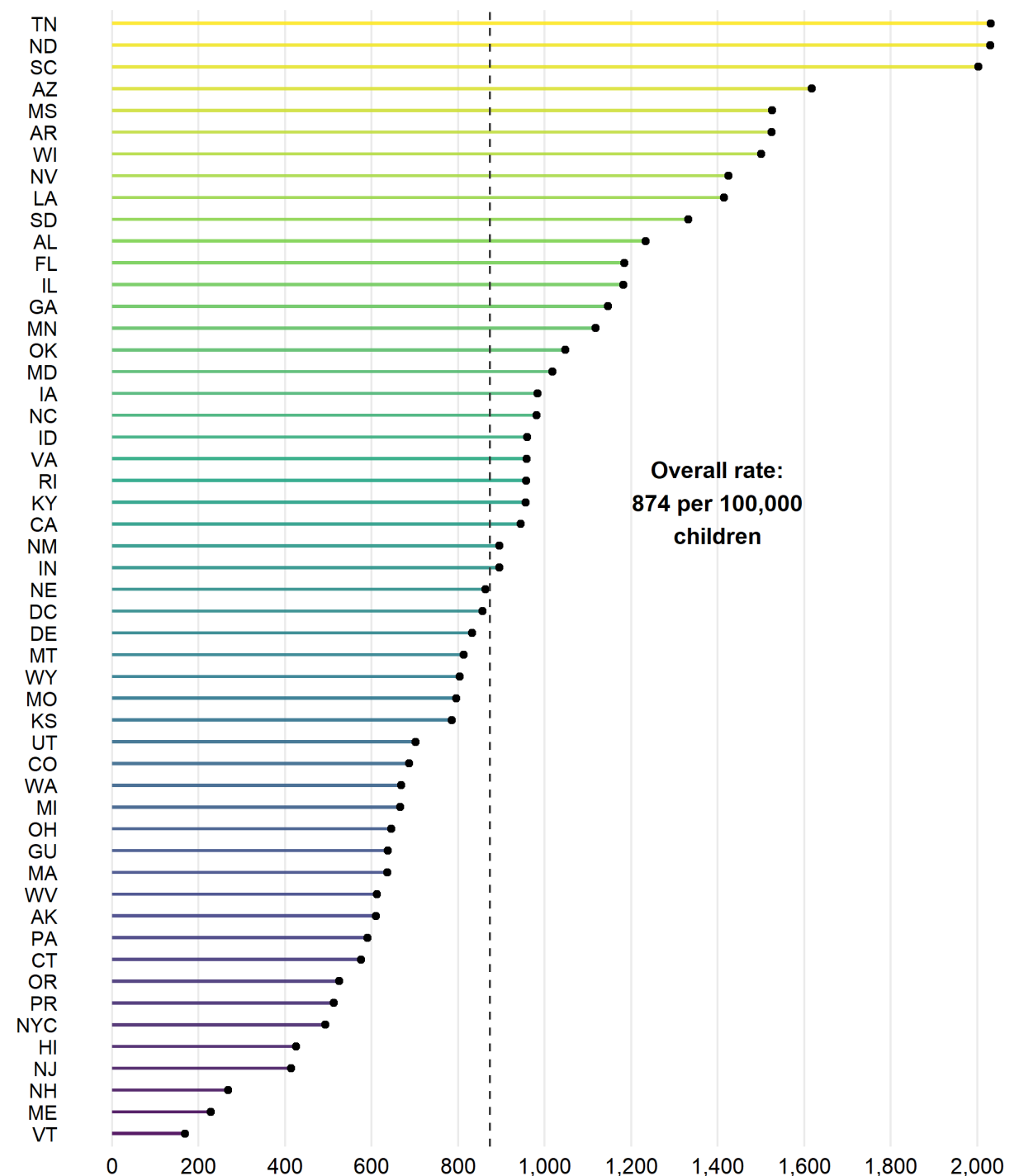
- Children represented 10.6% (657,572/6,231,564) of all available cases
- Thirty states reported 11% or more of cases were children
- NJ and NYC reported that 3.9% or less of cases were children



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: 10/1/20

- Calculated using state-level population estimates from US Census Bureau (2019)\*
- Overall rate: 874 child COVID-19 cases per 100,000 children in the population
- Seventeen states reported more than 1,000 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,

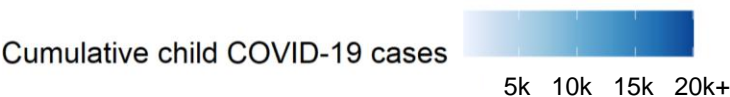
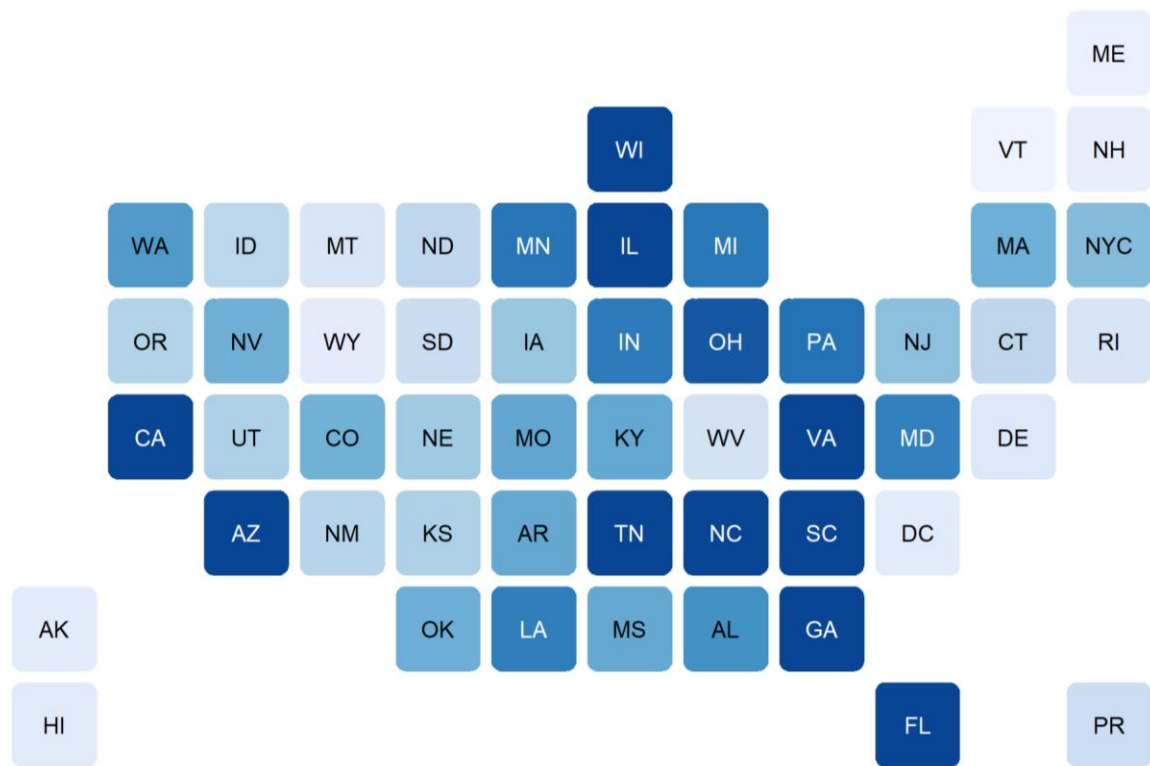
<https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-detail.html>



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

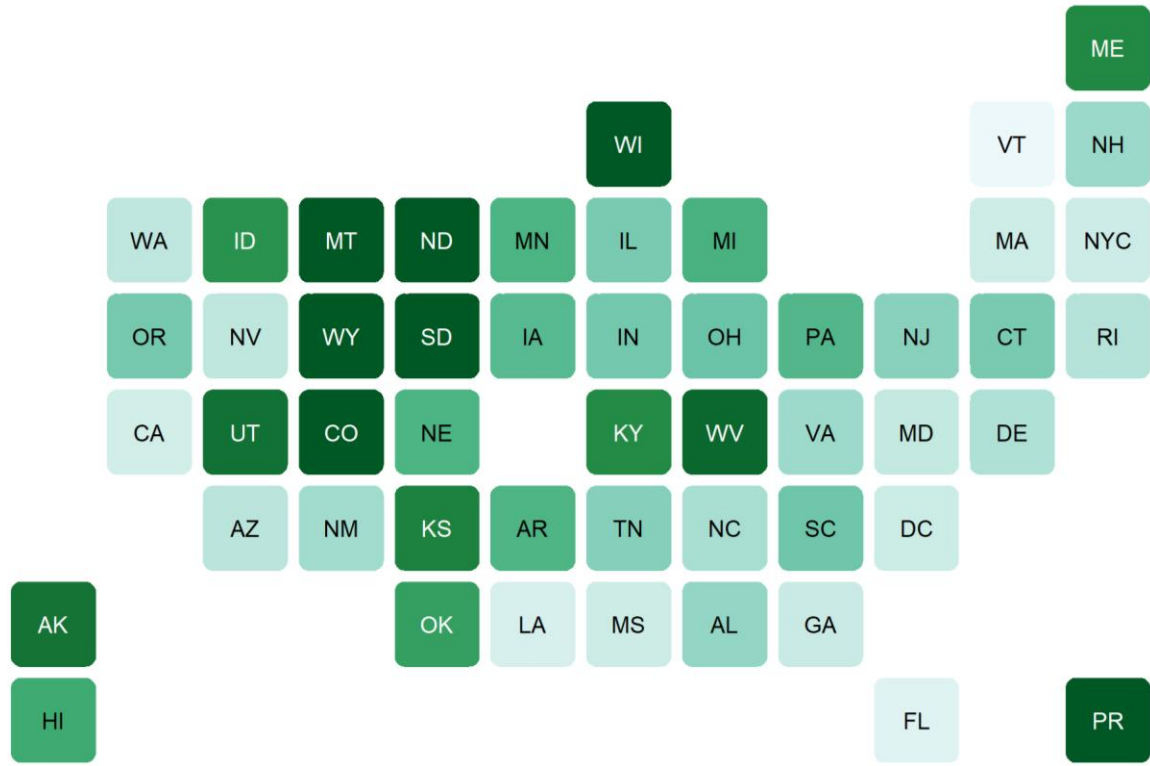
## A. Cumulative Child COVID-19 Cases, 10/1/20

Ten states with 20,000+ cumulative child cases



## B. Percent Increase in Child Cases, 9/17/20-10/1/20

From 9/17-10/1, there were 73,276 new child cases reported (573,381 to 646,656; 13% increase)^



See detail in Appendix: Data from 47 states, NYC, DC, and PR (TX excluded from figures; MO excluded from Fig 5B due to recent changes in child case definition)  
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  
^ 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 for MO; MO is excluded from analysis presented in Fig. 5B due to a lack of historical data of MO child cases using the 0-17 years age category



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

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             | 6,231,564                         | 657,572                | 10.6%                                      | 873.7                      |

\* 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 – 10/1\*

| Date    | Number of locations reporting age           | Cumulative total cases (all ages) | Cumulative child cases^ | Percent children of total cases | Cases per 100,000 children |
|---------|---|-----------------------------------|-------------------------|---------------------------------|----------------------------|
| 10/1/20 | 49 states, NYC, DC, PR, and GU <sup>#</sup> | 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 – 10/1\*

| 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 – 10/1\*

| Date    | Number of locations reporting age distribution of hospitalizations | Cumulative total hospitalizations (all ages) | Cumulative child hospitalizations | Percent children of total hospitalizations | Hospitalization rate^ |
|---------|--|--|-----------------------------------|--|-----------------------|
| 10/1/20 | 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

## Appendix Table 2C: Summary of Child Mortality Data from 5/21 – 10/1\*

| 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^ |
|---------|--|------------------------------------|-------------------------|----------------------------------|--|
| 10/1/20 | 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 <sup>#</sup>                           | 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 10/1/20\*



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 |
|---|-----------|------------------------|------------------------|---------------------------------|-----------------------------------|----------------------------|
| <a href="#">Alabama<sup>^</sup></a>       | 0-17      | 1,088,668              | 13,426                 | 9.8%                            | 137,564                           | 1233.3                     |
| <a href="#">Alaska</a>                    | 0-19      | 196,852                | 1,201                  | 15.4%                           | 7,824                             | 610.1                      |
| <a href="#">Arizona</a>                   | 0-19      | 1,838,598              | 29,744                 | 13.6%                           | 218,507                           | 1617.8                     |
| <a href="#">Arkansas</a>                  | 0-17      | 700,155                | 10,674                 | 12.8%                           | 83,697                            | 1524.5                     |
| <a href="#">California</a>                | 0-17      | 8,894,641              | 84,064                 | 10.4%                           | 810,625                           | 945.1                      |
| <a href="#">Colorado</a>                  | 0-19      | 1,407,971              | 9,678                  | 13.7%                           | 70,536                            | 687.3                      |
| <a href="#">Connecticut</a>               | 0-19      | 735,193                | 4,232                  | 7.4%                            | 57,550                            | 575.6                      |
| <a href="#">Delaware</a>                  | 0-17      | 203,572                | 1,695                  | 8.2%                            | 20,613                            | 832.6                      |
| <a href="#">District of Columbia</a>      | 0-19      | 149,337                | 1,280                  | 8.4%                            | 15,326                            | 857.1                      |
| <a href="#">Florida</a>                   | 0-14      | 3,512,139              | 41,603                 | 6.0%                            | 698,051                           | 1184.5                     |
| <a href="#">Georgia</a>                   | 0-17      | 2,503,881              | 28,717                 | 9.0%                            | 318,026                           | 1146.9                     |
| <a href="#">Guam</a>                      | 0-19      | 57,727                 | 368                    | 14.4%                           | 2,550                             | 637.5                      |
| <a href="#">Hawaii</a>                    | 0-17      | 299,868                | 1,278                  | 10.8%                           | 11,861                            | 426.2                      |
| <a href="#">Idaho</a>                     | 0-17      | 448,201                | 4,304                  | 10.2%                           | 42,048                            | 960.3                      |
| <a href="#">Illinois</a>                  | 0-19      | 3,145,309              | 37,187                 | 12.7%                           | 293,274                           | 1182.3                     |
| <a href="#">Indiana</a>                   | 0-19      | 1,755,070              | 15,722                 | 13.1%                           | 120,019                           | 895.8                      |
| <a href="#">Iowa</a>                      | 0-17      | 726,841                | 7,154                  | 8.0%                            | 89,425                            | 984.3                      |
| <a href="#">Kansas</a>                    | 0-17      | 700,250                | 5,498                  | 9.2%                            | 59,749                            | 785.1                      |
| <a href="#">Kentucky</a>                  | 0-19      | 1,118,934              | 10,700                 | 15.5%                           | 68,840                            | 956.3                      |
| <a href="#">Louisiana</a>                 | 0-17      | 1,087,630              | 15,389                 | 9.3%                            | 166,033                           | 1414.9                     |
| <a href="#">Maine</a>                     | 0-19      | 281,158                | 644                    | 11.9%                           | 5,431                             | 229.1                      |
| <a href="#">Maryland</a>                  | 0-19      | 1,489,721              | 15,177                 | 12.2%                           | 124,725                           | 1018.8                     |
| <a href="#">Massachusetts<sup>#</sup></a> | 0-19      | 1,558,231              | 9,916                  | 7.8%                            | 127,832                           | 636.4                      |
| <a href="#">Michigan</a>                  | 0-19      | 2,407,690              | 16,042                 | 11.6%                           | 138,014                           | 666.3                      |
| <a href="#">Minnesota</a>                 | 0-19      | 1,445,346              | 16,161                 | 16.3%                           | 99,134                            | 1118.1                     |
| <a href="#">Mississippi</a>               | 0-17      | 698,583                | 10,657                 | 10.8%                           | 98,886                            | 1525.5                     |
| <a href="#">Missouri<sup>†</sup></a>      | 0-17      | 1,370,585              | 10,916                 | 8.5%                            | 127,912                           | 796.4                      |

\* Note: Data represent cumulative counts since states began reporting; All data reported by state/local health departments are preliminary and subject to change; <sup>^</sup> As of 8/13, AL changed definition of child case from 0-24 to 0-17 years  
<sup>#</sup> As of 9/3, MA only reported age distribution of cases added in last two weeks but not for total cases to date; 10/1 totals calculated using MA Dept. of Public Health Weekly Report published 9/30 (data from 9/13-9/26) and 9/10 version of this report  
<sup>†</sup> 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 10/1/20\*

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 |
|--------------------------------|-----------|------------------------|------------------------|---------------------------------|-----------------------------------|----------------------------|
| <a href="#">Montana</a>        | 0-19      | 254,416                | 2,070                  | 15.8%                           | 13,071                            | 813.6                      |
| <a href="#">Nebraska</a>       | 0-19      | 760,272                | 6,561                  | 14.4%                           | 45,564                            | 863.0                      |
| <a href="#">Nevada</a>         | 0-19      | 688,997                | 9,821                  | 12.3%                           | 79,980                            | 1425.4                     |
| <a href="#">New Hampshire</a>  | 0-19      | 291,038                | 781                    | 9.4%                            | 8,266                             | 268.3                      |
| <a href="#">New Jersey</a>     | 0-17      | 1,938,578              | 8,031                  | 3.9%                            | 205,275                           | 414.3                      |
| <a href="#">New Mexico</a>     | 0-19      | 531,712                | 4,765                  | 16.2%                           | 29,435                            | 896.2                      |
| <a href="#">North Carolina</a> | 0-17      | 2,300,715              | 22,595                 | 10.7%                           | 210,632                           | 982.1                      |
| <a href="#">North Dakota</a>   | 0-19      | 200,777                | 4,075                  | 18.3%                           | 22,218                            | 2029.6                     |
| <a href="#">NYC</a>            | 0-17      | 1,726,900              | 8,519                  | 3.6%                            | 239,219                           | 493.3                      |
| <a href="#">Ohio</a>           | 0-19      | 2,886,873              | 18,642                 | 12.1%                           | 153,987                           | 645.8                      |
| <a href="#">Oklahoma</a>       | 0-17      | 952,238                | 9,980                  | 11.4%                           | 87,199                            | 1048.1                     |
| <a href="#">Oregon</a>         | 0-19      | 965,480                | 5,078                  | 15.2%                           | 33,509                            | 526.0                      |
| <a href="#">Pennsylvania</a>   | 0-19      | 2,801,187              | 16,534                 | 10.3%                           | 160,123                           | 590.2                      |
| <a href="#">Puerto Rico</a>    | 0-19      | 594,011                | 3,046                  | 12.6%                           | 24,176                            | 512.8                      |
| <a href="#">Rhode Island</a>   | 0-18      | 220,525                | 2,112                  | 9.0%                            | 23,548                            | 957.7                      |
| <a href="#">South Carolina</a> | 0-20      | 1,314,988              | 26,334                 | 17.8%                           | 147,942                           | 2002.6                     |
| <a href="#">South Dakota</a>   | 0-19      | 240,567                | 3,206                  | 14.3%                           | 22,389                            | 1332.7                     |
| <a href="#">Tennessee</a>      | 0-20      | 1,762,659              | 35,806                 | 18.3%                           | 196,139                           | 2031.4                     |
| <a href="#">Texas^</a>         | 0-19      | 8,210,585              | 3,270                  | 6.1%                            | 53,607                            | --                         |
| <a href="#">Utah</a>           | 0-14      | 774,764                | 5,435                  | 7.4%                            | 73,042                            | 701.5                      |
| <a href="#">Vermont</a>        | 0-19      | 134,415                | 227                    | 12.9%                           | 1,755                             | 168.9                      |
| <a href="#">Virginia</a>       | 0-19      | 2,087,426              | 20,009                 | 13.5%                           | 148,721                           | 958.5                      |
| <a href="#">Washington</a>     | 0-19      | 1,840,306              | 12,314                 | 14.1%                           | 87,522                            | 669.1                      |
| <a href="#">West Virginia</a>  | 0-19      | 402,473                | 2,464                  | 15.4%                           | 16,024                            | 612.3                      |
| <a href="#">Wisconsin</a>      | 0-19      | 1,422,095              | 21,339                 | 16.5%                           | 129,123                           | 1500.5                     |
| <a href="#">Wyoming</a>        | 0-18      | 140,694                | 1,130                  | 22.4%                           | 5,046                             | 803.4                      |

\* 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 10/1/20\*

## COVID-19 Testing and Children

| Location                      | Age range | Cumulative total tests (all ages) | Cumulative child tests | Percent children of total tests | Positive rate^ |
|-------------------------------|-----------|-----------------------------------|------------------------|---------------------------------|----------------|
| <a href="#">Arizona</a>       | 0-19      | 1,457,575                         | 197,854                | 13.6%                           | 15.0%          |
| <a href="#">Illinois</a>      | 0-19      | 5,624,822                         | 633,074                | 11.3%                           | 5.9%           |
| <a href="#">Indiana</a>       | 0-19      | 2,066,474                         | 338,902                | 16.4%                           | 4.6%           |
| <a href="#">Iowa</a>          | 0-17      | 1,336,798                         | 66,840                 | 5.0%                            | 10.7%          |
| <a href="#">Minnesota</a>     | 0-19      | 2,024,314                         | 247,689                | 12.2%                           | 6.5%           |
| <a href="#">Nevada</a>        | 0-19      | 696,997                           | 68,302                 | 9.8%                            | 14.4%          |
| <a href="#">Rhode Island</a>  | 0-18      | 318,967                           | 32,867                 | 10.3%                           | 6.4%           |
| <a href="#">Tennessee</a>     | 0-20      | 2,876,722                         | 420,663                | 14.6%                           | 8.5%           |
| <a href="#">West Virginia</a> | 0-19      | 566,123                           | 65,783                 | 11.6%                           | 3.7%           |
| <a href="#">Wyoming</a>       | 0-18      | 161,417                           | 20,080                 | 12.4%                           | 5.6%           |

\* 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 10/1/20\*

## COVID-19-Associated Hospitalizations and Children

| Location                       | Age range | Cumulative child hospitalizations | Cumulative total hospitalizations (all ages) | Percent children of total hospitalizations | Hospitalization rate^ |
|--------------------------------|-----------|-----------------------------------|--|--|-----------------------|
| <a href="#">Arizona</a>        | 0-19      | 794                               | 22,119                                       | 3.6%                                       | 2.7%                  |
| <a href="#">Colorado</a>       | 0-19      | 238                               | 7,568  | 3.2%                                       | 2.5%                  |
| <a href="#">Florida</a>        | 0-14      | 537                               | 44,108                                       | 1.2%                                       | 1.3%                  |
| <a href="#">Georgia</a>        | 0-17      | 454                               | 28,522                                       | 1.6%                                       | 1.6%                  |
| <a href="#">Hawaii</a>         | 0-17      | 5                                 | 712  | 0.7%                                       | 0.4%                  |
| <a href="#">Idaho</a>          | 0-17      | 42                                | 1,859  | 2.3%                                       | 1.0%                  |
| <a href="#">Indiana</a>        | 0-19      | 173                               | 12,814                                       | 1.4%                                       | 1.1%                  |
| <a href="#">Kansas</a>         | 0-17      | 56                                | 2,917  | 1.9%                                       | 1.0%                  |
| <a href="#">Massachusetts</a>  | 0-19      | 132                               | 12,637                                       | 1.0%                                       | 1.3%                  |
| <a href="#">Minnesota</a>      | 0-19      | 278                               | 7,758  | 3.6%                                       | 1.7%                  |
| <a href="#">Mississippi</a>    | 0-17      | 90                                | 5,844  | 1.5%                                       | 0.8%                  |
| <a href="#">Nebraska</a>       | 0-19      | 55                                | 2,349  | 2.3%                                       | 0.8%                  |
| <a href="#">New Hampshire</a>  | 0-19      | 9                                 | 738  | 1.2%                                       | 1.2%                  |
| <a href="#">New Jersey</a>     | 0-17      | 258                               | 23,439                                       | 1.1%                                       | 3.2%                  |
| <a href="#">North Dakota</a>   | 0-19      | 8                                 | 884  | 0.9%                                       | 0.2%                  |
| <a href="#">NYC</a>            | 0-17      | 672                               | 58,535                                       | 1.1%                                       | 7.9%                  |
| <a href="#">Ohio</a>           | 0-19      | 348                               | 15,516                                       | 2.2%                                       | 1.9%                  |
| <a href="#">Oregon</a>         | 0-19      | 60                                | 2,596  | 2.3%                                       | 1.2%                  |
| <a href="#">Rhode Island</a>   | 0-18      | 70                                | 2,767  | 2.5%                                       | 3.3%                  |
| <a href="#">South Carolina</a> | 0-20      | 174                               | 9,160  | 1.9%                                       | 0.7%                  |
| <a href="#">South Dakota</a>   | 0-19      | 34                                | 1,549  | 2.2%                                       | 1.1%                  |
| <a href="#">Tennessee</a>      | 0-20      | 244                               | 8,733  | 2.8%                                       | 0.7%                  |
| <a href="#">Utah</a>           | 0-14      | 66                                | 3,847  | 1.7%                                       | 1.2%                  |
| <a href="#">Virginia</a>       | 0-19      | 213                               | 11,092                                       | 1.9%                                       | 1.1%                  |
| <a href="#">Washington</a>     | 0-19      | 119                               | 7,533  | 1.6%                                       | 1.0%                  |
| <a href="#">Wisconsin</a>      | 0-19      | 211                               | 7,300  | 2.9%                                       | 1.0%                  |

\* 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

# Appendix Table 6A: Child Mortality Data Available on 10/1/20\*

## 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^ |
|--------------------------------------|-----------|-------------------------|------------------------------------|----------------------------------|--|
| <a href="#">Alabama<sup>#</sup></a>  | 0-17      | 4                       | 2,540                              | 0.16%                            | 0.03%                                      |
| <a href="#">Arizona</a>              | 0-19      | 10                      | 5,650                              | 0.18%                            | 0.03%                                      |
| <a href="#">Arkansas</a>             | 0-17      | 0                       | 1,369                              | 0.00%                            | 0.00%                                      |
| <a href="#">California</a>           | 0-17      | 2                       | 15,657                             | 0.01%                            | 0.00%                                      |
| <a href="#">Colorado</a>             | 0-19      | 3                       | 2,051                              | 0.15%                            | 0.03%                                      |
| <a href="#">Connecticut</a>          | 0-19      | 2                       | 4,508                              | 0.04%                            | 0.05%                                      |
| <a href="#">Delaware</a>             | 0-17      | 0                       | 636                                | 0.00%                            | 0.00%                                      |
| <a href="#">District of Columbia</a> | 0-19      | 0                       | 627                                | 0.00%                            | 0.00%                                      |
| <a href="#">Florida</a>              | 0-14      | 5                       | 14,315                             | 0.03%                            | 0.01%                                      |
| <a href="#">Georgia</a>              | 0-17      | 6                       | 7,021                              | 0.09%                            | 0.02%                                      |
| <a href="#">Hawaii</a>               | 0-17      | 0                       | 126                                | 0.00%                            | 0.00%                                      |
| <a href="#">Idaho</a>                | 0-17      | 0                       | 469                                | 0.00%                            | 0.00%                                      |
| <a href="#">Illinois</a>             | 0-19      | 7                       | 8,672                              | 0.08%                            | 0.02%                                      |
| <a href="#">Indiana</a>              | 0-19      | 3                       | 3,405                              | 0.10%                            | 0.02%                                      |
| <a href="#">Iowa</a>                 | 0-17      | 1                       | 1,358                              | 0.07%                            | 0.01%                                      |
| <a href="#">Kansas</a>               | 0-17      | 0                       | 678                                | 0.00%                            | 0.00%                                      |
| <a href="#">Kentucky</a>             | 0-19      | 1                       | 1,174                              | 0.09%                            | 0.01%                                      |
| <a href="#">Louisiana</a>            | 0-17      | 4                       | 5,321                              | 0.08%                            | 0.03%                                      |
| <a href="#">Maine</a>                | 0-19      | 0                       | 142                                | 0.00%                            | 0.00%                                      |
| <a href="#">Maryland</a>             | 0-19      | 2                       | 3,949                              | 0.05%                            | 0.01%                                      |
| <a href="#">Massachusetts</a>        | 0-19      | 0                       | 9,391                              | 0.00%                            | 0.00%                                      |
| <a href="#">Minnesota</a>            | 0-19      | 1                       | 2,036                              | 0.05%                            | 0.01%                                      |

\* 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

# Appendix Table 6B: Child Mortality Data Available on 10/1/20\*

## 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^ |
|-----------------------------------|-----------|-------------------------|------------------------------------|----------------------------------|--|
| <a href="#">Mississippi</a>       | 0-17      | 1                       | 2,979                              | 0.03%                            | 0.01%                                      |
| <a href="#">Missouri</a>          | 0-17      | 0                       | 2,128                              | 0.00%                            | 0.00%                                      |
| <a href="#">Nebraska</a>          | 0-19      | 1                       | 478                                | 0.21%                            | 0.02%                                      |
| <a href="#">Nevada</a>            | 0-19      | 3                       | 1,600                              | 0.19%                            | 0.03%                                      |
| <a href="#">New Hampshire</a>     | 0-19      | 0                       | 439                                | 0.00%                            | 0.00%                                      |
| <a href="#">New Jersey</a>        | 0-17      | 3                       | 14,335                             | 0.02%                            | 0.04%                                      |
| <a href="#">North Carolina</a>    | 0-17      | 1                       | 3,532                              | 0.03%                            | 0.00%                                      |
| <a href="#">North Dakota</a>      | 0-19      | 0                       | 256                                | 0.00%                            | 0.00%                                      |
| <a href="#">NYC</a>               | 0-17      | 14                      | 19,187                             | 0.07%                            | 0.16%                                      |
| <a href="#">Ohio</a>              | 0-19      | 2                       | 4,804                              | 0.04%                            | 0.01%                                      |
| <a href="#">Oklahoma</a>          | 0-17      | 1                       | 1,031                              | 0.10%                            | 0.01%                                      |
| <a href="#">Oregon</a>            | 0-19      | 0                       | 559                                | 0.00%                            | 0.00%                                      |
| <a href="#">Pennsylvania</a>      | 0-19      | 0                       | 8,160                              | 0.00%                            | 0.00%                                      |
| <a href="#">South Dakota</a>      | 0-19      | 0                       | 223                                | 0.00%                            | 0.00%                                      |
| <a href="#">Tennessee</a>         | 0-20      | 6                       | 2,454                              | 0.24%                            | 0.02%                                      |
| <a href="#">Texas<sup>#</sup></a> | 0-19      | 25                      | 15,364                             | 0.16%                            | --   |
| <a href="#">Vermont</a>           | 0-19      | 0                       | 58                                 | 0.00%                            | 0.00%                                      |
| <a href="#">Virginia</a>          | 0-19      | 1                       | 3,228                              | 0.03%                            | 0.00%                                      |
| <a href="#">Washington</a>        | 0-19      | 3                       | 2,126                              | 0.14%                            | 0.02%                                      |
| <a href="#">Wisconsin</a>         | 0-19      | 0                       | 1,337                              | 0.00%                            | 0.00%                                      |
| <a href="#">Wyoming</a>           | 0-18      | 0                       | 50                                 | 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;  
<sup>#</sup> 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

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