

# Children and COVID-19 Vaccinations Trends

**AAP Analysis of Data Posted by the Centers for Disease Control and Prevention  
as of August 18, 2021**

American Academy of Pediatrics  
DEDICATED TO THE HEALTH OF ALL CHILDREN®



# STATUS OF CHILD COVID-19 VACCINATIONS AS OF AUGUST 18, 2021

- ❑ The CDC recorded a total of 11.2 million US children under age 18 having received at least one dose of COVID-19 vaccine:
  - Representing 55% of 16-17 year-olds and 45% of 12-15 year-olds
- ❑ 8.3 million of these children are fully vaccinated:
  - Representing 43% of 16-17 year-olds and 33% of 12-15 year-olds
- ❑ Over half a million children (520K) received their first COVID-19 vaccine dose this past week:
  - Children receiving their first dose declined from the previous week, reversing an upward trend since the week of July 21.
  - The number of weekly first-dose vaccinations remains far below the peak of 1.6 million the end of May.
- ❑ Child vaccination rates vary substantially across states.
  - In 7 states, over 60% of children (age 12-17) have received at least 1 dose, and in 5 states, under 30% have received 1 dose.

**Source:** AAP analysis of data series published by the CDC titled “Demographic Trends of People Receiving COVID-19 Vaccinations in the United States.”

American Academy of Pediatrics

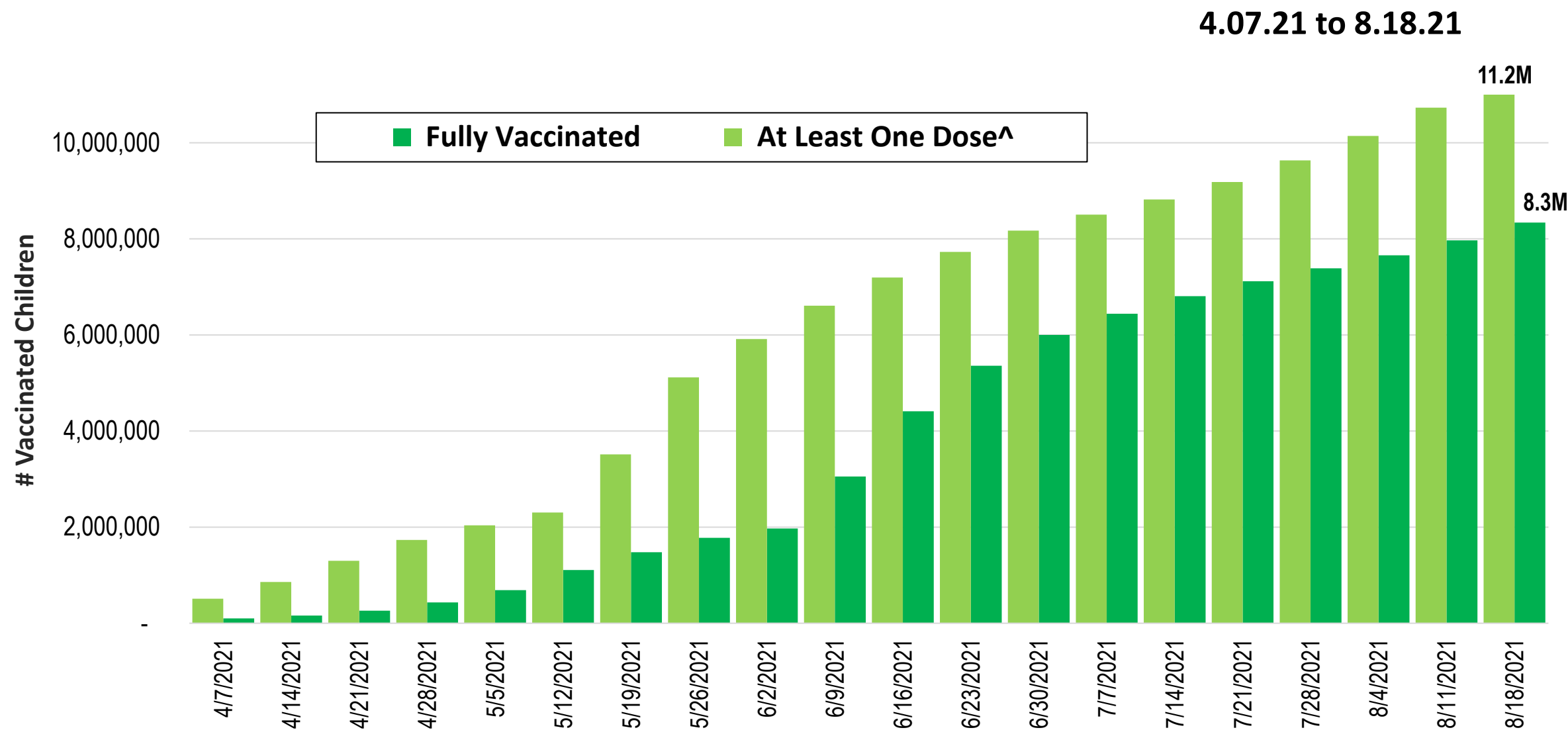
DEDICATED TO THE HEALTH OF ALL CHILDREN®



# DATA SOURCES AND METHODS

- This report includes US COVID-19 vaccine recipients under age 18 based on provisional data released by the CDC in a data series titled “Demographic Trends of People Receiving COVID-19 Vaccinations in the United States” published in the CDC’s COVID Data Tracker (url: <https://covid.cdc.gov/covid-data-tracker/#datatracker-home>).
- Cumulative trends and weekly changes are updated weekly as the CDC revises and updates its data series.
- Sporadic child vaccinations prior to April 2021 are included in the cumulative counts although not shown by week in the charts.
- State data are computed from the CDC data series titled ‘COVID-19 Vaccinations in the United States, Jurisdiction.’ (URL: <https://data.cdc.gov/Vaccinations/COVID-19-Vaccinations-in-the-United-States-Jurisdi/uns-k-b7fc> ) Individual states may have additional or more recent information on their web sites.

# Cumulative Number of US COVID-19 Vaccine Recipients Under Age 18

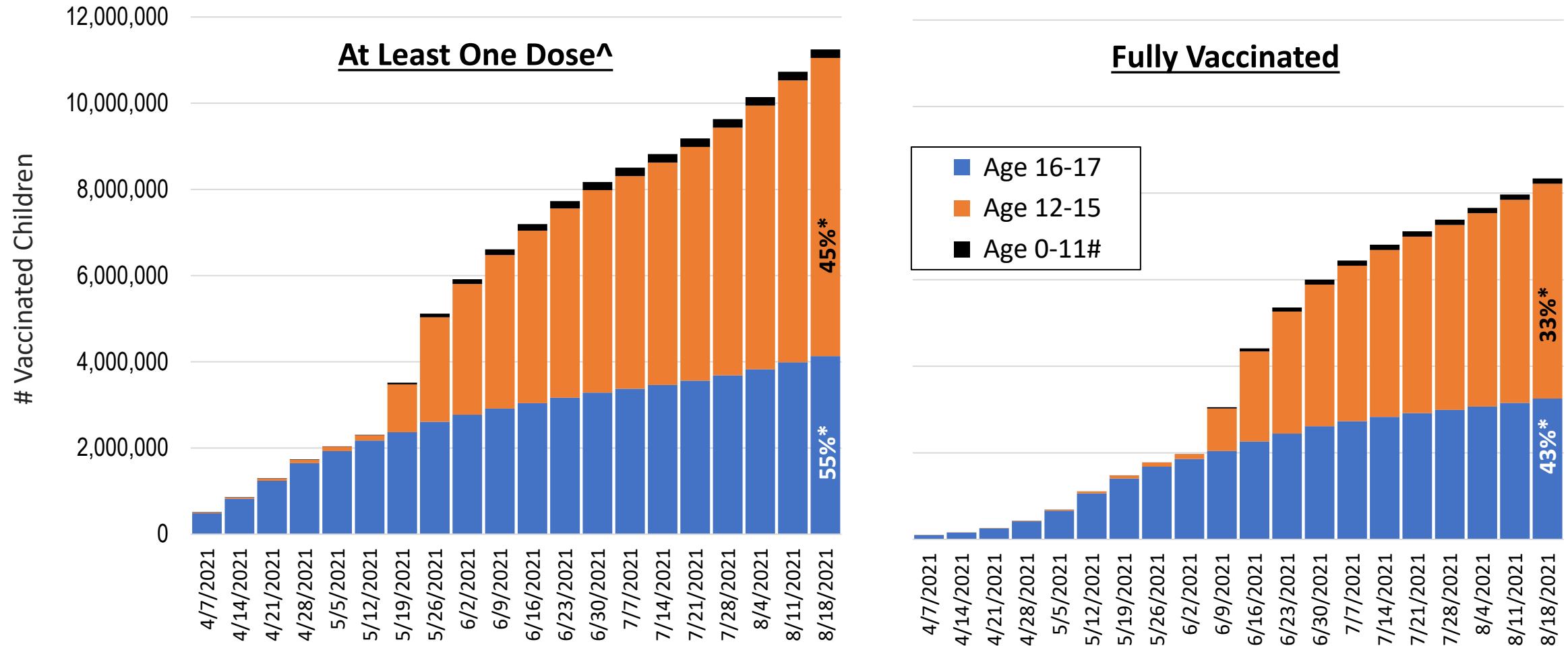


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

Source: AAP analysis of data series published by the CDC titled “Demographic Trends of People Receiving COVID-19 Vaccinations in the United States.”

# Cumulative Number of US COVID-19 Vaccine Recipients Under Age 18 by Age Group

4.07.21 to 8.18.21

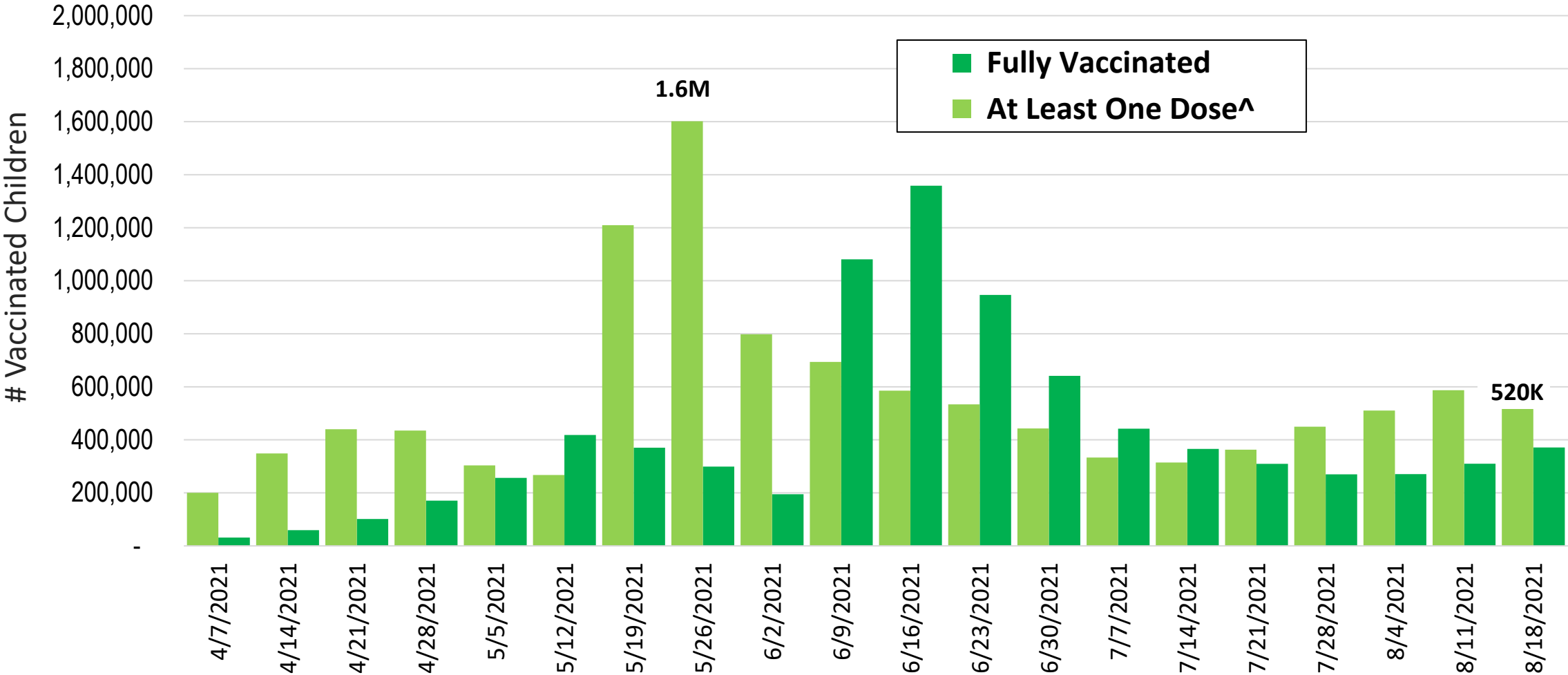


^Includes those having received only 1 of 2 doses and those fully-vaccinated. Vaccinated children as percentage of all children within age group. # According to the CDC Coronavirus Disease Response Team, children under age 12 may be included as vaccinated due to (1) birthdate entered incorrectly, or (2) ongoing COVID-19 vaccine clinical trials involving children under age 12. \* CDC-calculated vaccinated children as percentage of all eligible children within age group.

**Source:** AAP analysis of data series published by the CDC titled "Demographic Trends of People Receiving COVID-19 Vaccinations in the United States."

# Weekly Increase in US COVID-19 Vaccine Recipients Under Age 18

4.07.21 to 8.18.21

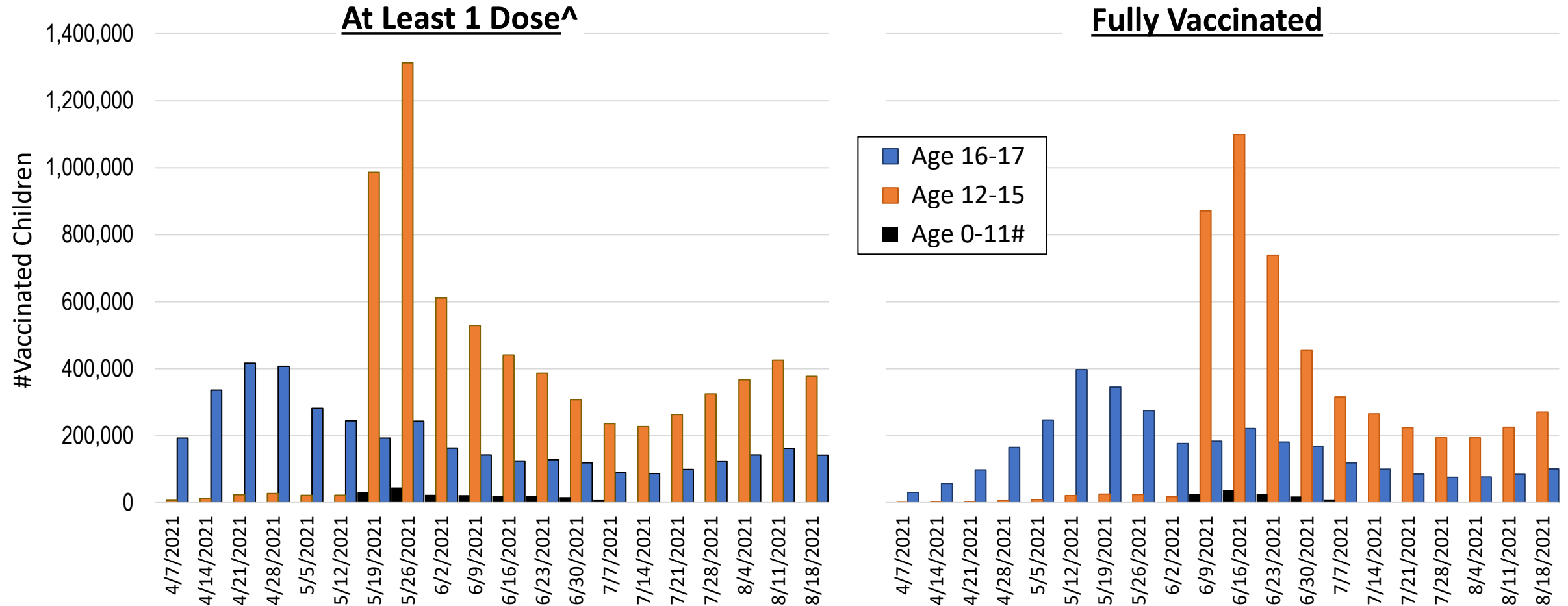


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

Source: AAP analysis of data series published by the CDC titled “Demographic Trends of People Receiving COVID-19 Vaccinations in the United States.”

# Weekly Increase in US COVID-19 Vaccine Recipients Under Age 18 by Age Group

4.07.21 to 8.18.21

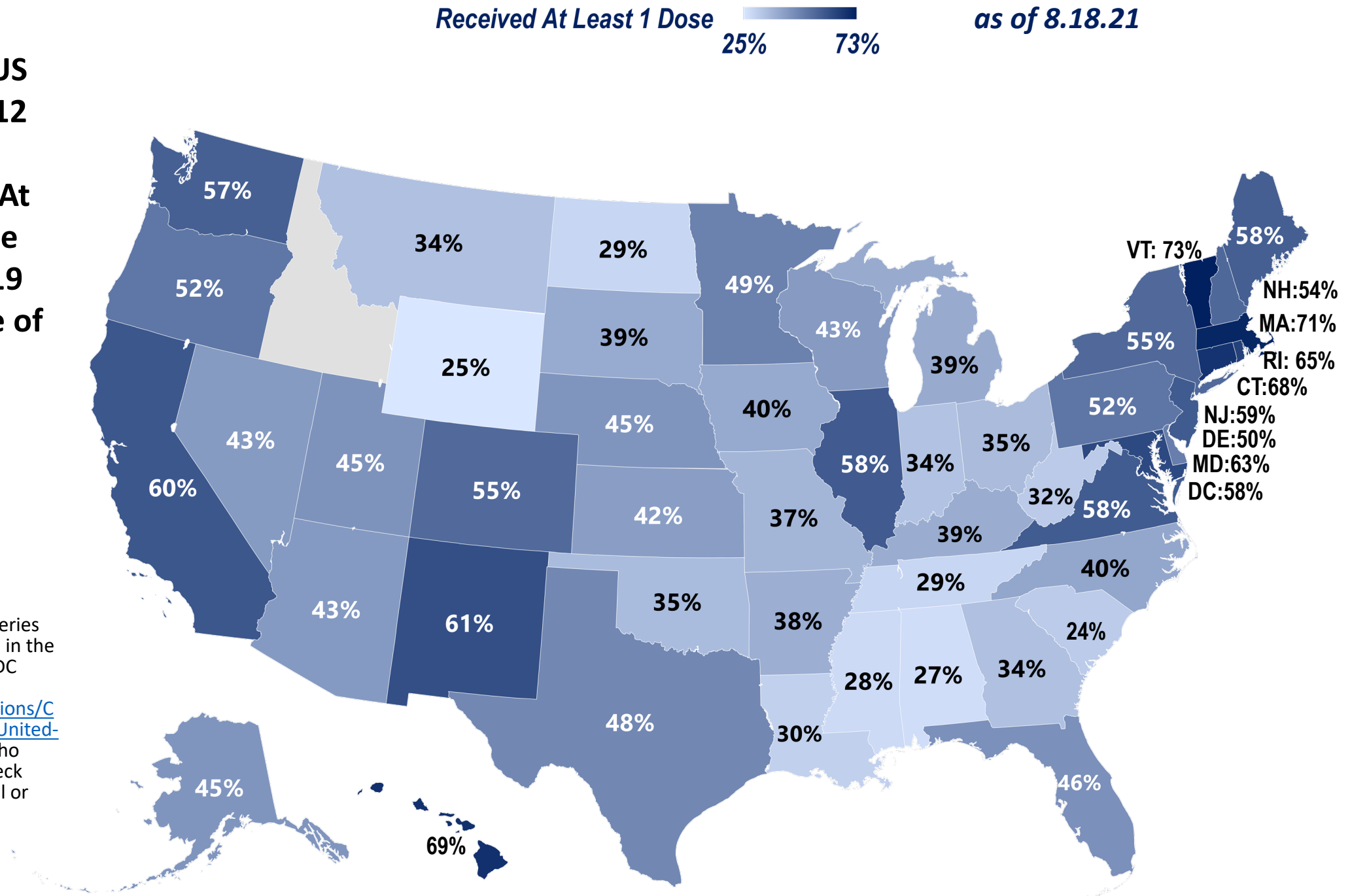


^Includes those having received only 1 of 2 doses and those fully-vaccinated. # According to the CDC Coronavirus Disease Response Team, children under age 12 may be included as vaccinated due to (1) birthdate entered incorrectly, or (2) ongoing COVID-19 vaccine clinical trials involving children under age 12.

**Source:** AAP analysis of data series published by the CDC titled "Demographic Trends of People Receiving COVID-19 Vaccinations in the United States."

# Proportion of US Children Ages 12 through 17 Who Received At Least One Dose of the COVID-19 Vaccine by State of Residence

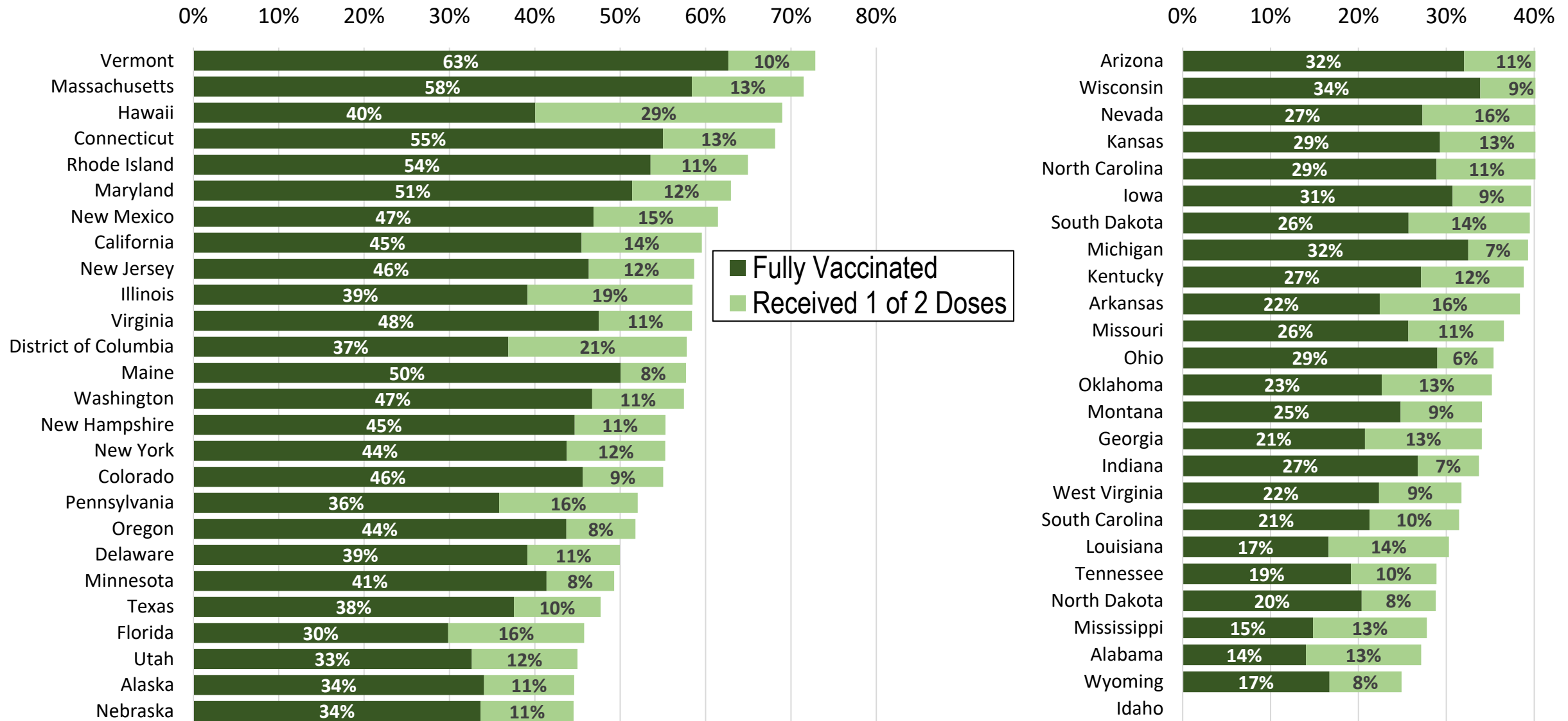
Source: AAP analysis of data series titled 'COVID -19 Vaccinations in the United States, Jurisdiction'. CDC COVID -19 Data Tracker (URL: <https://data.cdc.gov/Vaccinations/Covid-19-Vaccinations-in-the-United-States-Jurisdiction/unsk-b7fc>). Idaho information not available. Check state's web sites for additional or more recent information





# Proportion of US Children Ages 12-17 Vaccinated Against COVID-19 by State of Residence

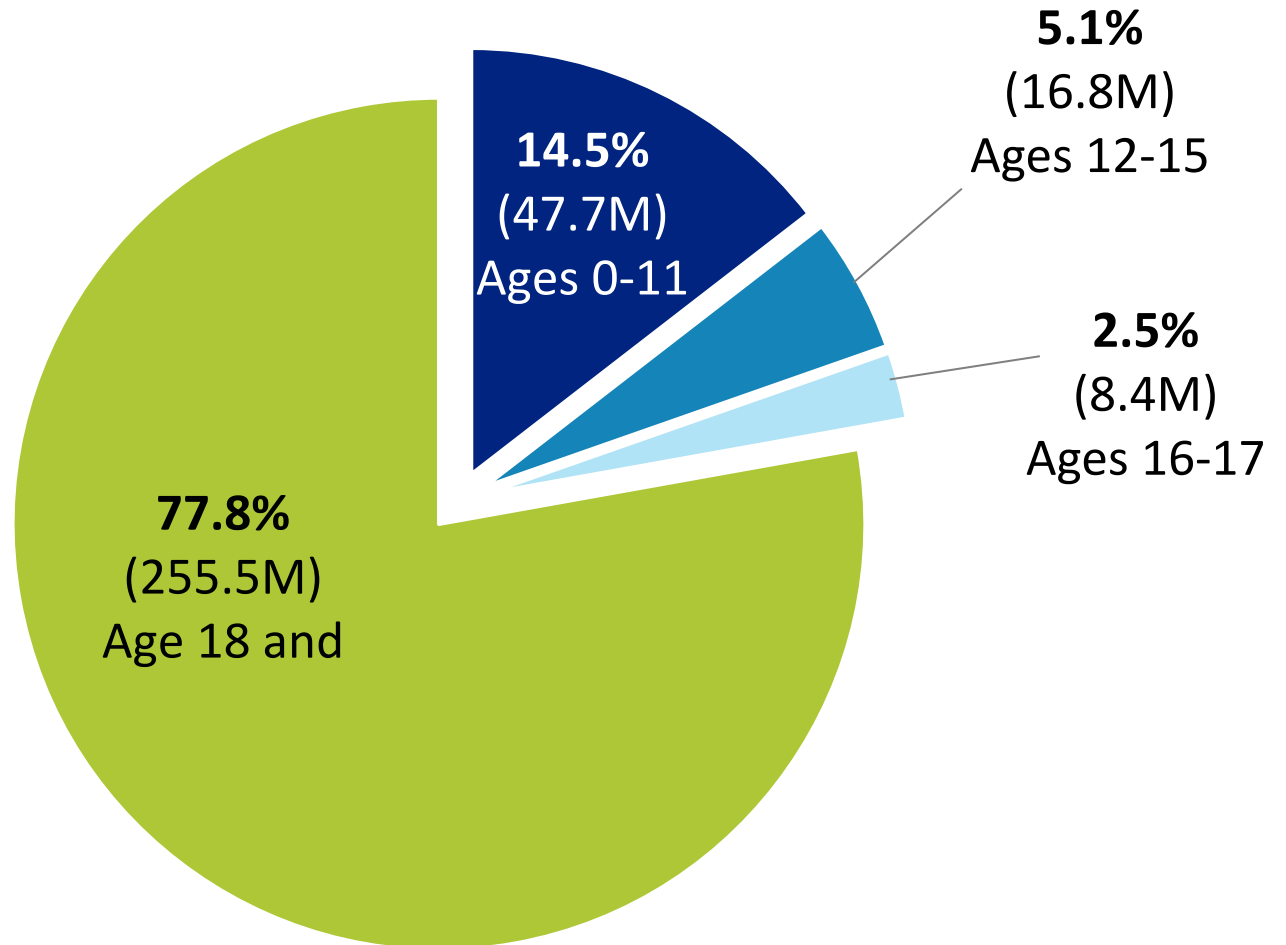
*as of 8.18.21*



Source: AAP analysis of data series titled 'COVID -19 Vaccinations in the United States, Jurisdiction'. CDC COVID -19 Data Tracker (URL: <https://data.cdc.gov/Vaccinations/COVID-19-Vaccinations-in-the-United-States-Jurisdiction/unsk-b7fc> ). Idaho information not available. Check state's web sites for additional or more recent information

# US Population by Age Group, 2020

In 2020, children  
(72.8M under Age 18)  
made up **22.2%**  
of the total  
US population



**Source:** AAP analysis of report published by US Bureau of Census on June 17, 2021: State Population by Characteristics: 2010-2020. Single Year of Age and Sex for the Civilian Population. [Link: State Population by Characteristics: 2010-2020 ([census.gov](https://www.census.gov)) ]

# Contact Information

- For technical questions, please contact:

**Suk-fong Tang, PhD**

Senior Database Analyst

American Academy of Pediatrics

[stang@aap.org](mailto:stang@aap.org)

- For media inquiries, please contact:

**Lisa Black**

Media Relations

American Academy of Pediatrics

[lblack@aap.org](mailto:lblack@aap.org)

or

**Emily Rosenbaum**

Media Relations

American Academy of Pediatrics

[erosenbaum@aap.org](mailto:erosenbaum@aap.org)