

Children and COVID-19 Vaccinations Trends

**AAP Analysis of Data Posted by the Centers for Disease Control and Prevention
as of September 29, 2021**

American Academy of Pediatrics
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Status of Child COVID-19 vaccinations as of September 29, 2021

- ❑ 13.1 million US children under age 18 having received **at least one dose** of COVID-19 vaccine:
 - Representing 56% of 12-17 year-olds
- ❑ 10.7 million of these children are **fully vaccinated**:
 - Representing 45% of 12-17 year-olds
- ❑ The number of children receiving their first COVID -19 vaccine this week, about 159,000, was the lowest number since vaccines were available.
 - The number of children receiving their first dose has steadily declined from seven weeks ago when 587,000 children received their initial dose the week ending August 11, 2021.
 - The number of weekly first-dose vaccinations remains far below the peak of 1.6 million the end of May when eligibility expanded to 12-15 year olds.
- ❑ Child vaccination rates vary substantially across states.
 - In 10 states, over two-thirds of children (age 12-17) have received at least 1 dose, and in 21 states, under half have received 1 dose.



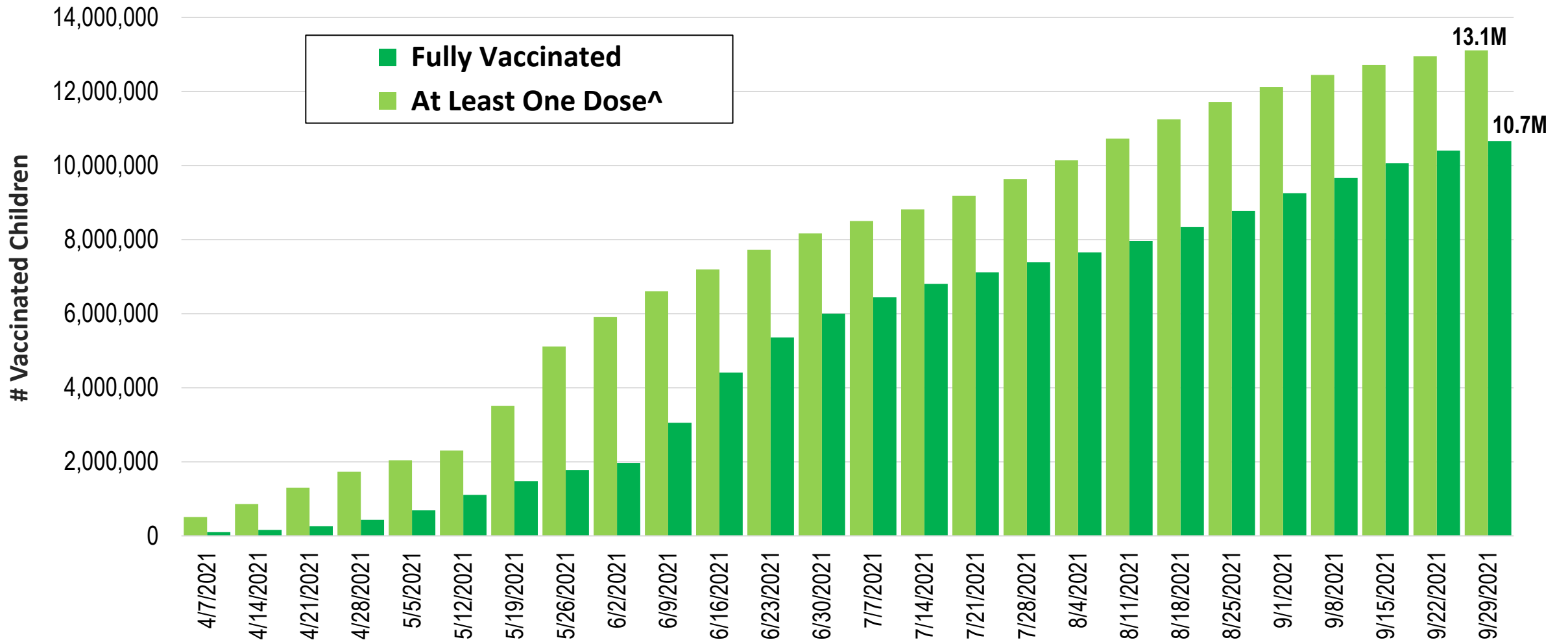
Data Sources and Methods

- 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-Jurisdiction/unsk-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

4.07.21 to 9.29.21

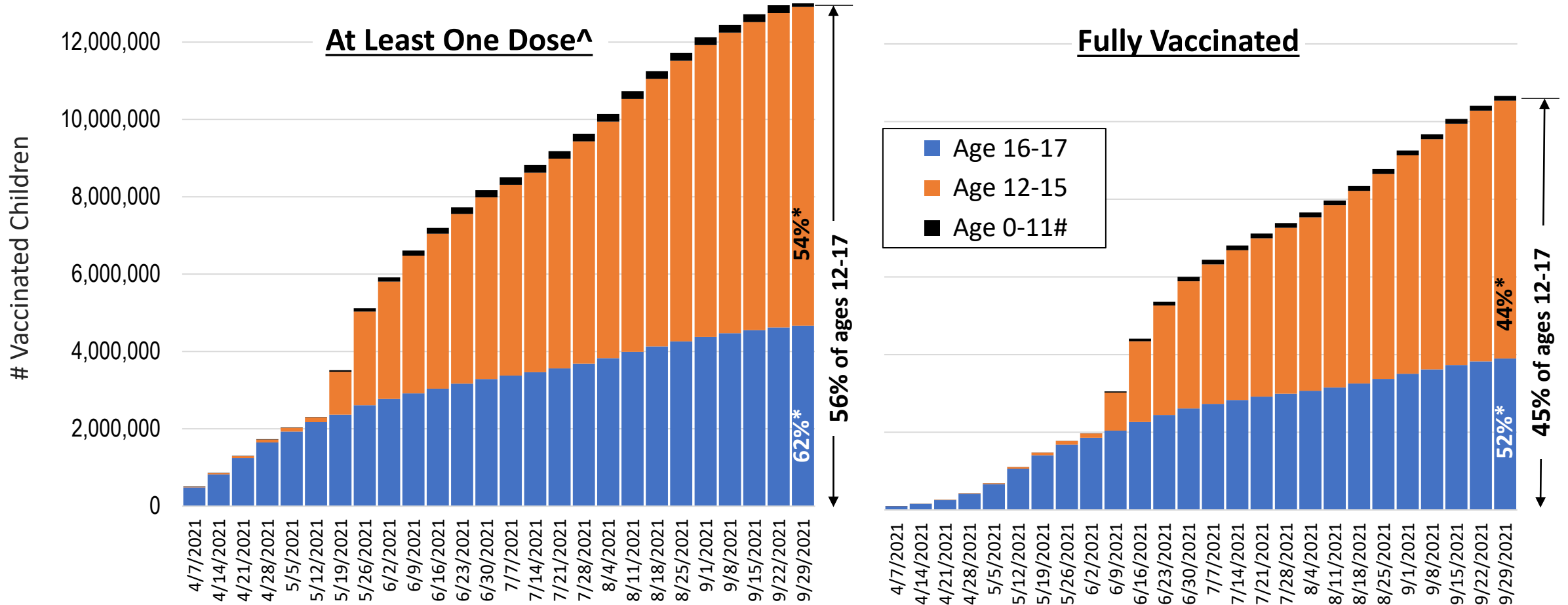


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

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

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

4.07.21 to 9.29.21

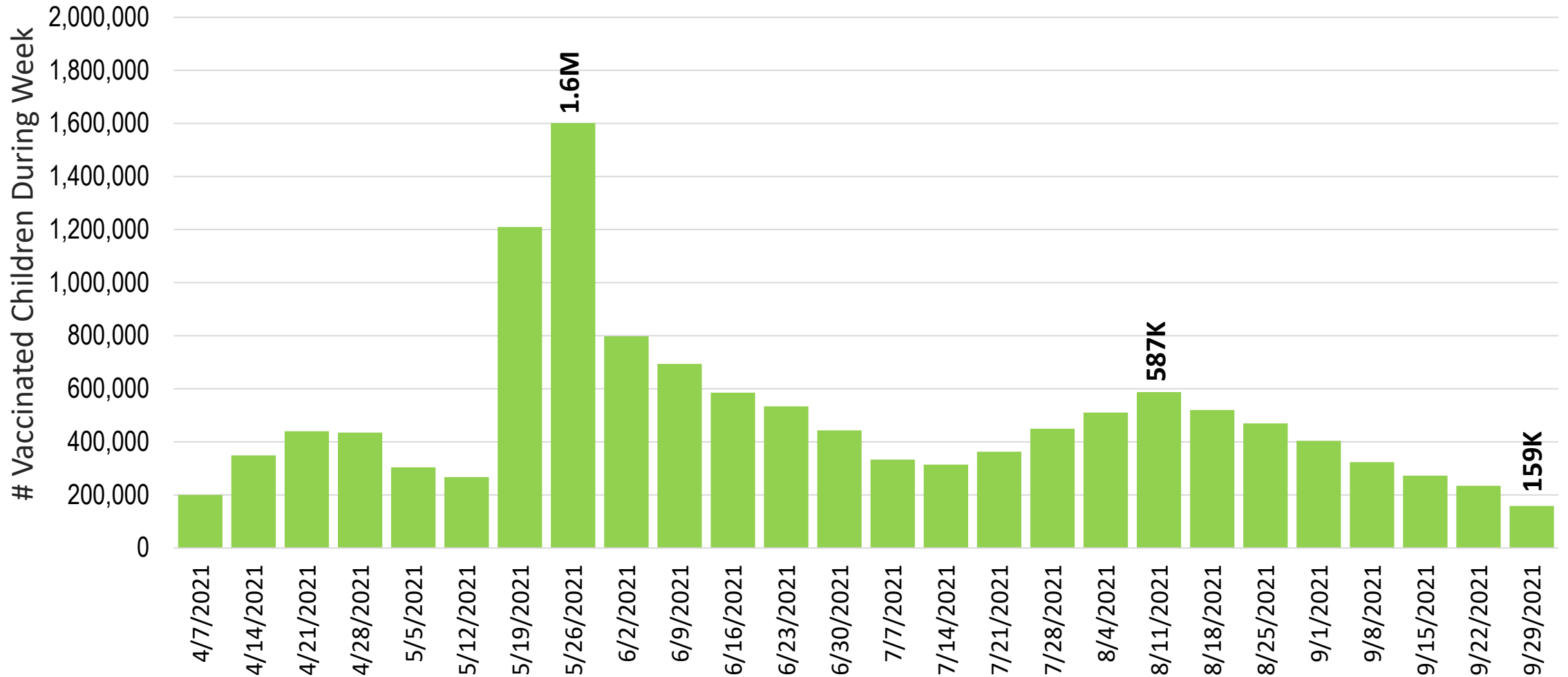


[^]Includes those having received only 1 of 2 doses and those fully-vaccinated. Vaccinated children as percentage of all children within age group. # According to the CDC Coronavirus Disease Response Team, children under age 12 may be included as vaccinated due to (1) birthdate entered incorrectly, or (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 the Number of Eligible US Children Receiving Their Initial COVID-19 Vaccination

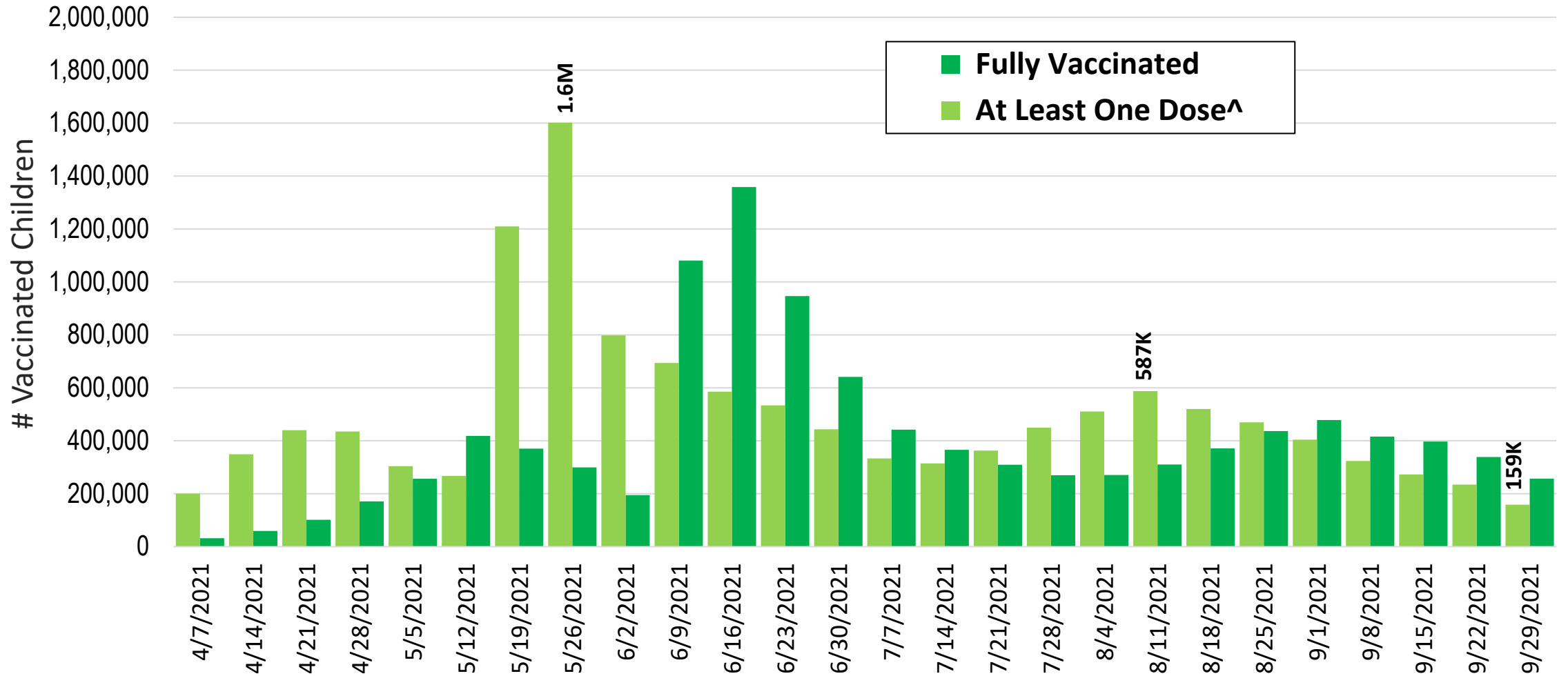
4.07.21 to 9.29.21



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 Initial and Full COVID-19 Vaccination for Eligible US Children

4.07.21 to 9.29.21

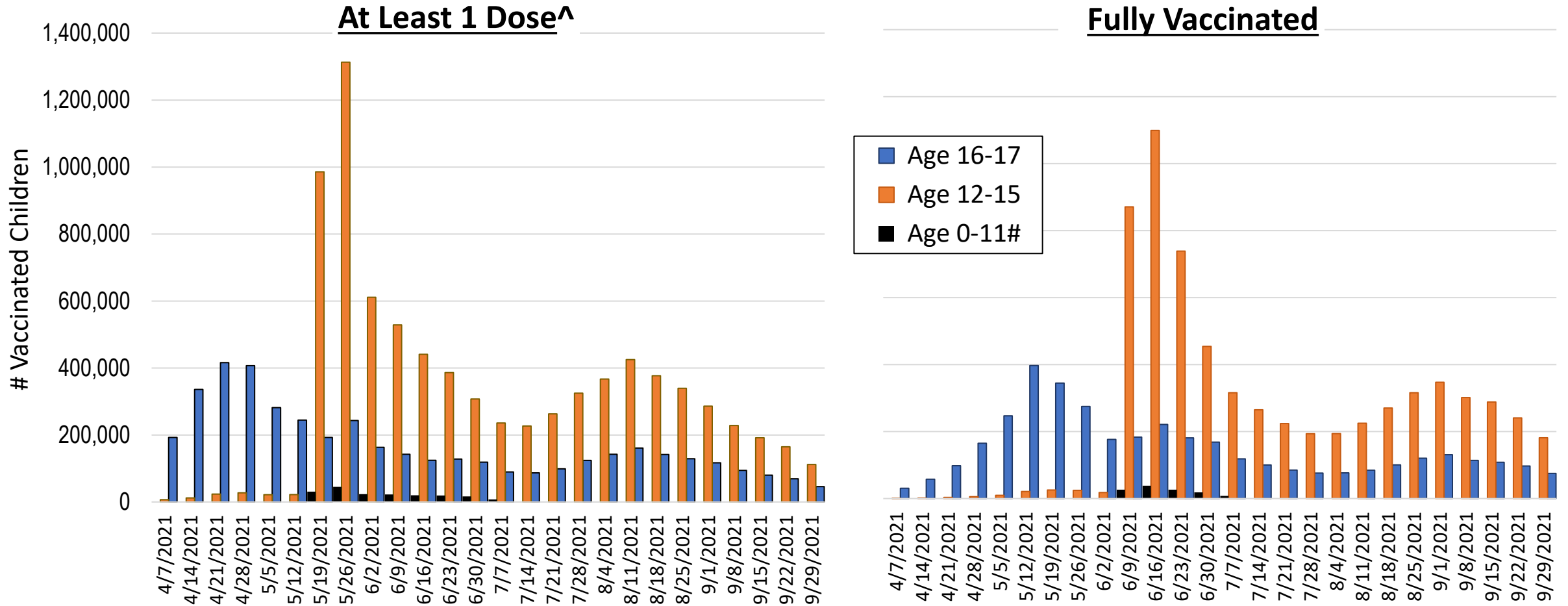


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

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 9.29.21



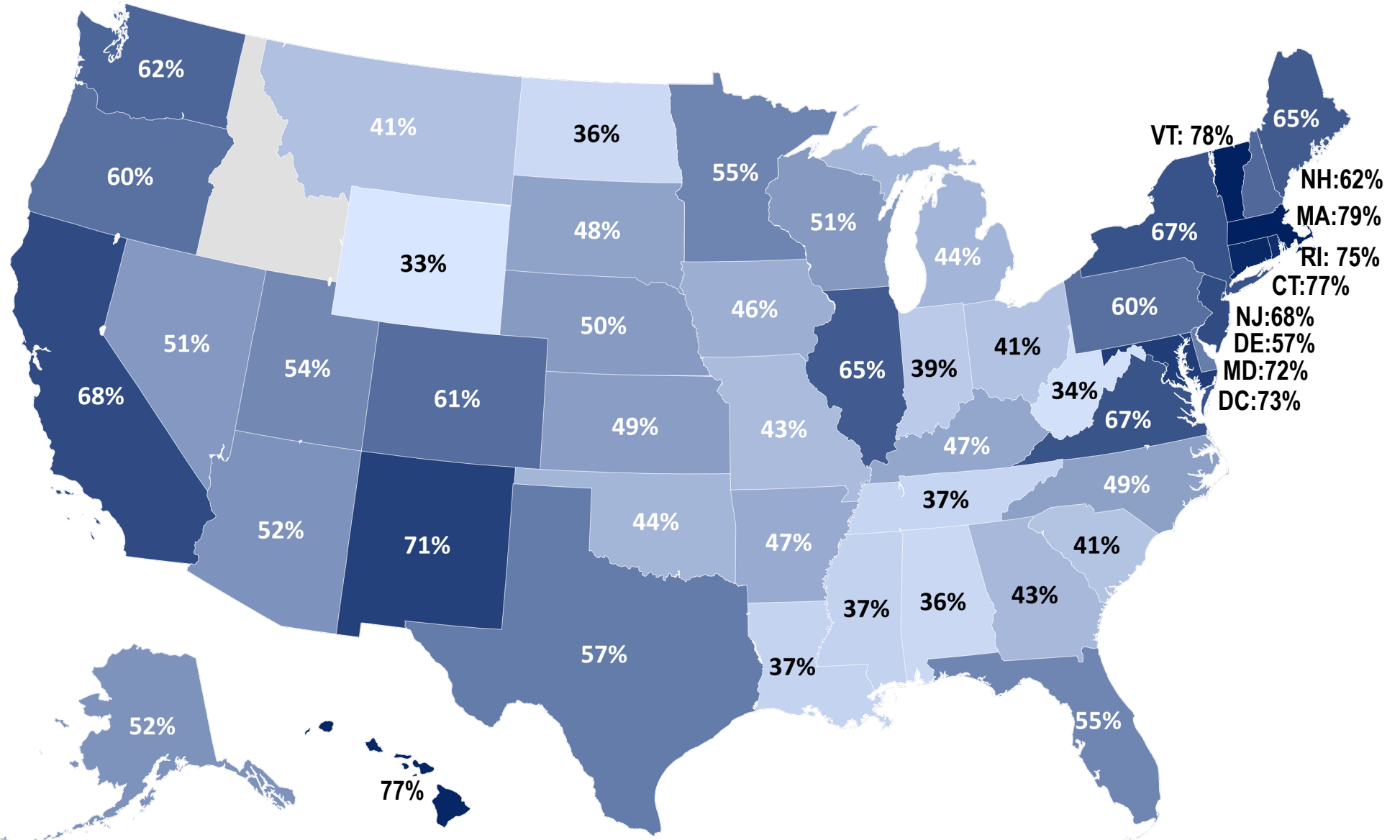
[^]Includes those having received only 1 of 2 doses and those fully-vaccinated. # According to the CDC Coronavirus Disease Response Team, children under age 12 may be included as vaccinated due to (1) birthdate entered incorrectly, or (2) ongoing COVID-19 vaccine clinical trials involving children under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

Received At Least 1 Dose  33% 79%

as of 9.29.21

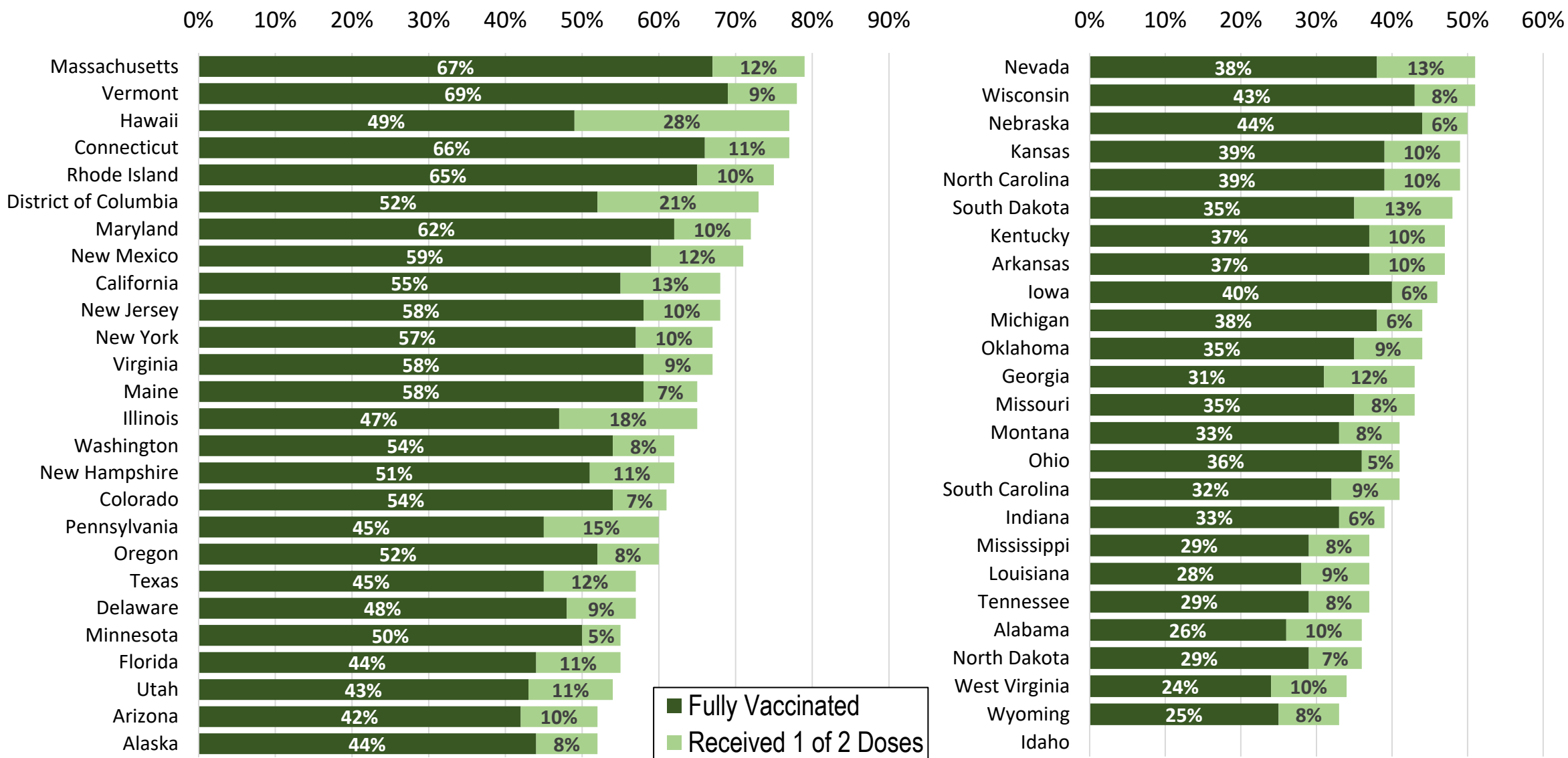
Proportion of US Children Ages 12 through 17 Who Received At Least One Dose of the COVID-19 Vaccine by State of Residence



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/uns-k-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

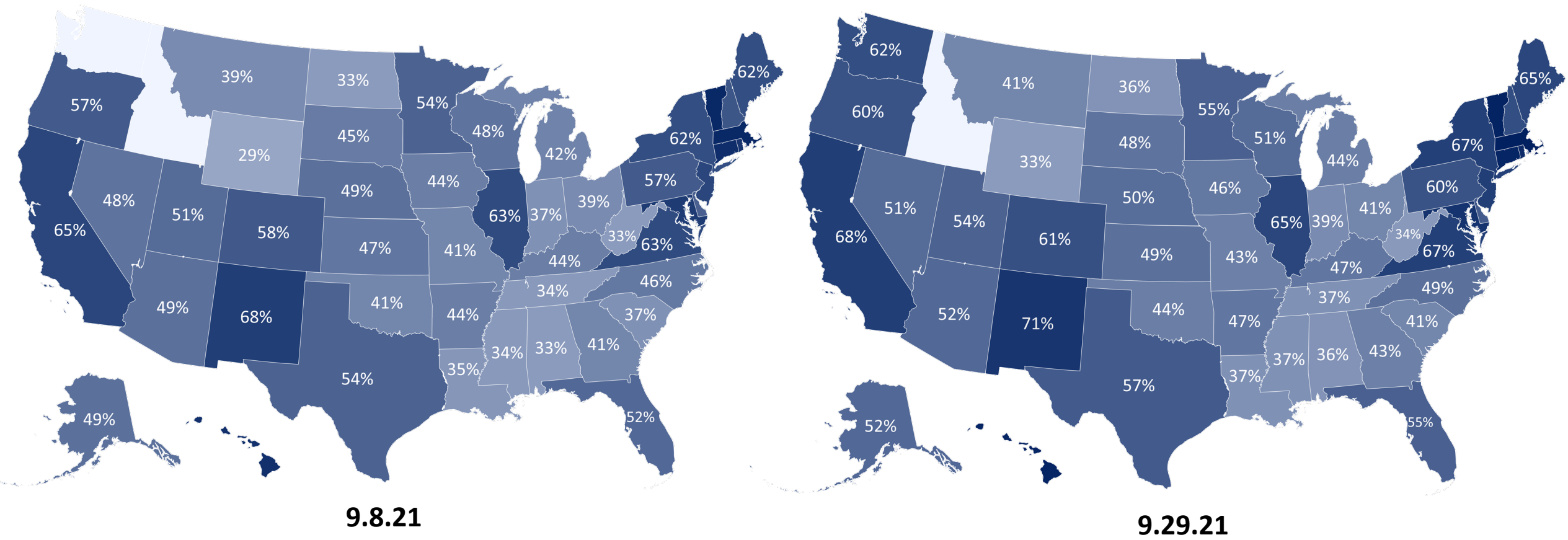
as of 9.29.21



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/uns-k-b7fc>). Idaho information not available. Check state's web sites for additional or more recent information

At Least 1 Dose Among Children 12-17 Years---3 Week Improvement

%State Children Having Received At Least 1 Dose



Notes: 9.8.21 data for Washington unavailable after the State revised its cumulative number of 12-17 year-olds with at least 1 dose down by 26.8K on Sept 23. Idaho information not available. Check state's web sites for additional or more recent information. **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/uns-k-b7fc>).

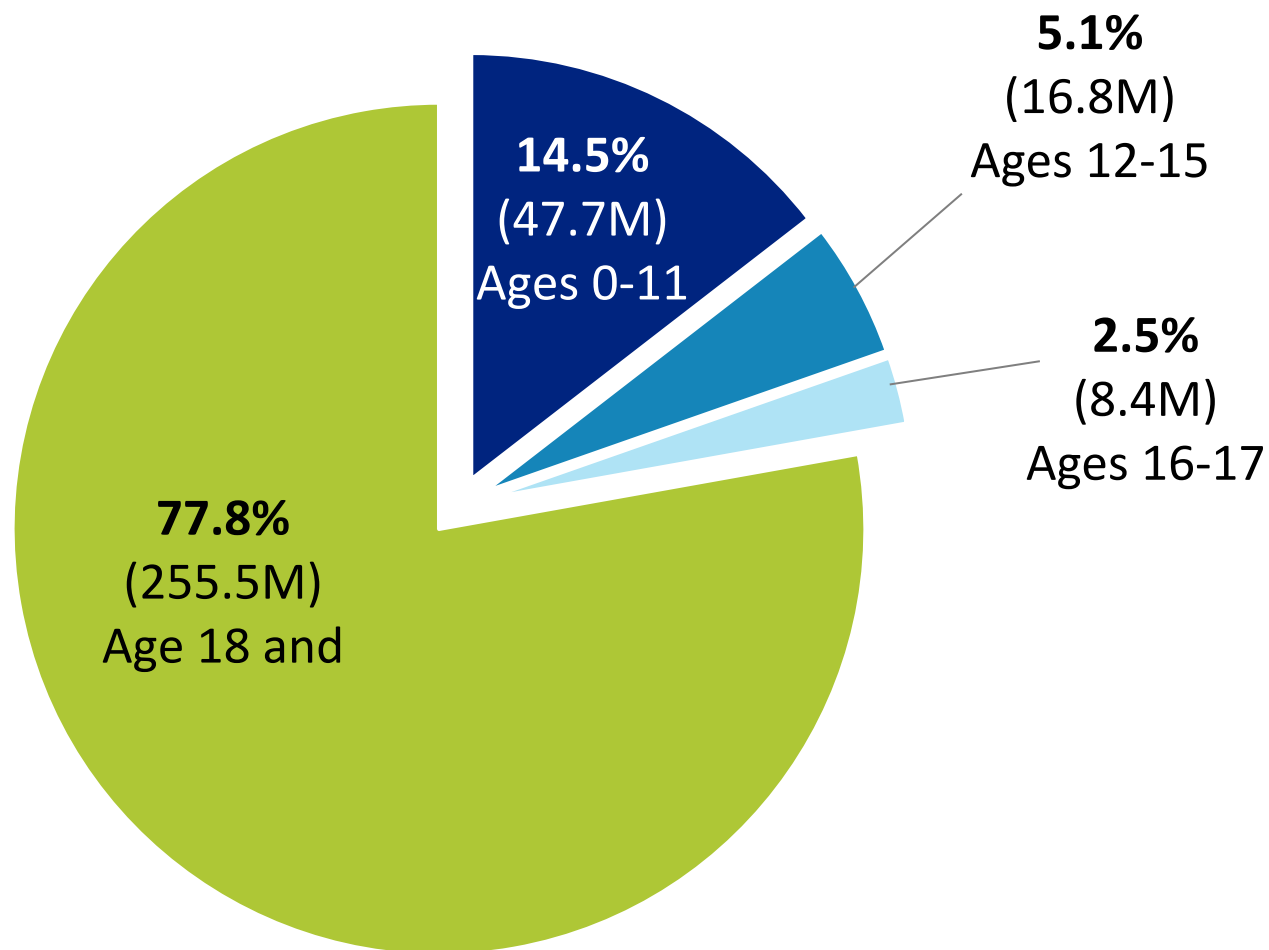
At Least 1 Dose Among Children 12-17 Years---3 Week Improvement

State	%Children Having Received At Least One Dose			State (continued)	%Children Having Received At Least One Dose		
	9.8.21	9.29.21	<i>Increase by Percentage Point</i>		9.8.21	9.29.21	<i>Increase by Percentage Point</i>
50 States and DC	53%	56%	3%	Missouri	41%	43%	2%
Alabama	33%	36%	3%	Montana	39%	41%	2%
Alaska	49%	52%	3%	Nebraska	49%	50%	1%
Arizona	49%	52%	3%	Nevada	48%	51%	3%
Arkansas	44%	47%	3%	New Hampshire	59%	62%	3%
California	65%	68%	3%	New Jersey	65%	68%	3%
Colorado	58%	61%	3%	New Mexico	68%	71%	3%
Connecticut	74%	77%	3%	New York	62%	67%	5%
Delaware	55%	57%	2%	North Carolina	46%	49%	3%
District of Columbia	68%	73%	5%	North Dakota	33%	36%	3%
Florida	52%	55%	3%	Ohio	39%	41%	2%
Georgia	41%	43%	2%	Oklahoma	41%	44%	3%
Hawaii	73%	77%	4%	Oregon	57%	60%	3%
Idaho	--			Pennsylvania	57%	60%	3%
Illinois	63%	65%	2%	Rhode Island	71%	75%	4%
Indiana	37%	39%	2%	South Carolina	37%	41%	4%
Iowa	44%	46%	2%	South Dakota	45%	48%	3%
Kansas	47%	49%	2%	Tennessee	34%	37%	3%
Kentucky	44%	47%	3%	Texas	54%	57%	3%
Louisiana	35%	37%	2%	Utah	51%	54%	3%
Maine	62%	65%	3%	Vermont	76%	78%	2%
Maryland	69%	72%	3%	Virginia	63%	67%	4%
Massachusetts	76%	79%	3%	Washington*	--	62%	--
Michigan	42%	44%	2%	West Virginia	33%	34%	1%
Minnesota	54%	55%	1%	Wisconsin	48%	51%	3%
Mississippi	34%	37%	3%	Wyoming	29%	33%	4%

* Comparison unavailable after the State of Washington revised its cumulative number of 12-17 year-olds with at least 1 dose down by 26.8K on Sept 23. **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)]



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