Children and COVID-19 Vaccinations Trends

AAP Analysis of Data Posted by the Centers for Disease Control and Prevention

as of October 20, 2021

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

Status of Child COVID-19 vaccinations as of October 20, 2021

- 13.5 million US children under age 18 having received **at least one dose** of COVID-19 vaccine:
  - Representing 58% of 12-17 year-olds
- 11.2 million of these children are **fully vaccinated**:
  - Representing 48% of 12-17 year-olds
- About 137,000 children received their first COVID-19 vaccine this week, a slight increase over the record low of 131,000 the previous week.
  - The number of children receiving their first dose has dropped substantially since August 11th when 586,000 children received their initial dose.
  - The number is far below the peak of 1.6 million at the end of May when eligibility expanded to 12-15 year-olds.
- Child vaccination rates vary substantially across states.
  - In **12** states, over two-thirds of children (age 12-17) have received at least 1 dose, and in **18** states, under half have received 1 dose.

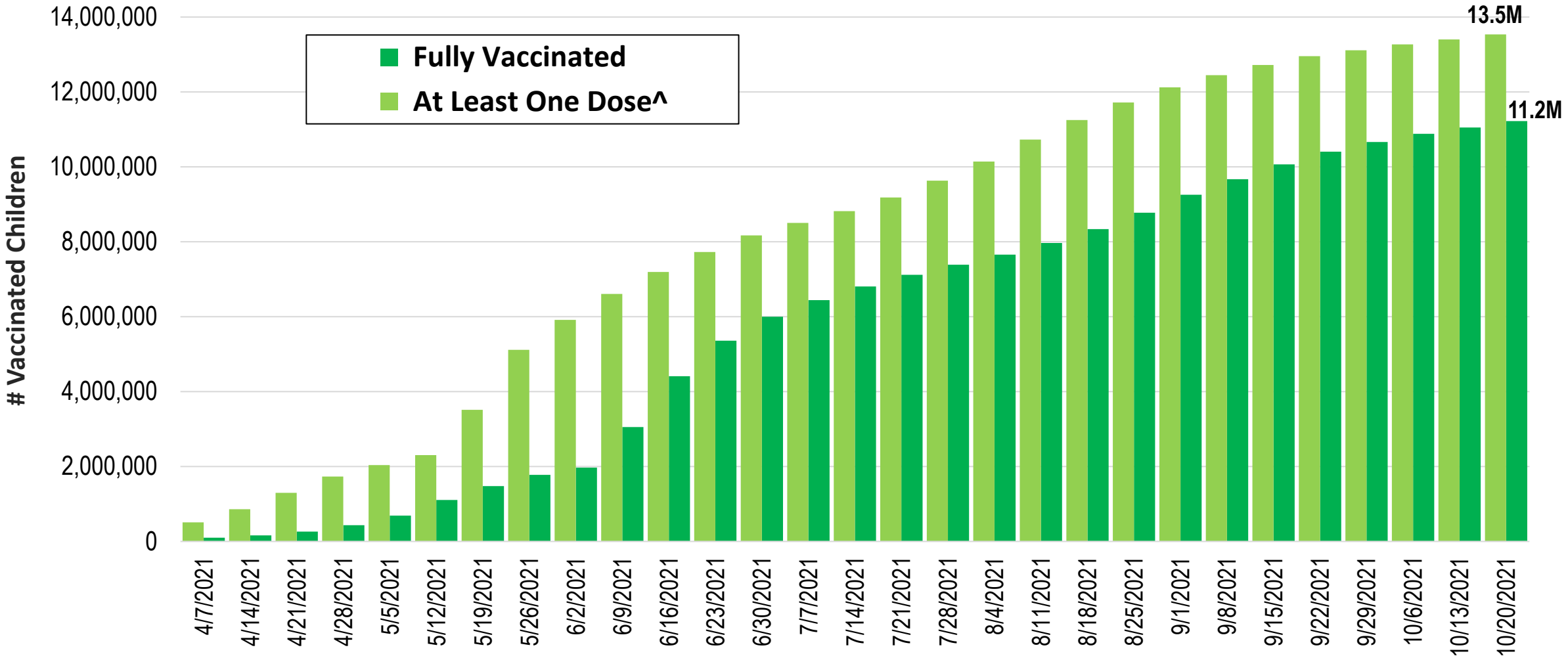
Source: AAP analysis of data series published by the CDC titled "Demographic Trends of People Receiving COVID-19 Vaccinations in the United States."

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/#vaccination-demographics-trends).
- 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-level 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/unsk-b7fc). Individual states may have additional or more recent information on their web sites. State population totals are based on 2020 population projections published by the US Census Bureau (URL: https://www.census.gov/programs-surveys/popest/technical-documentation/research/evaluation-estimates/2020-evaluation-estimates/2010s-state-detail.html)

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

4.07.21 to 10.20.21

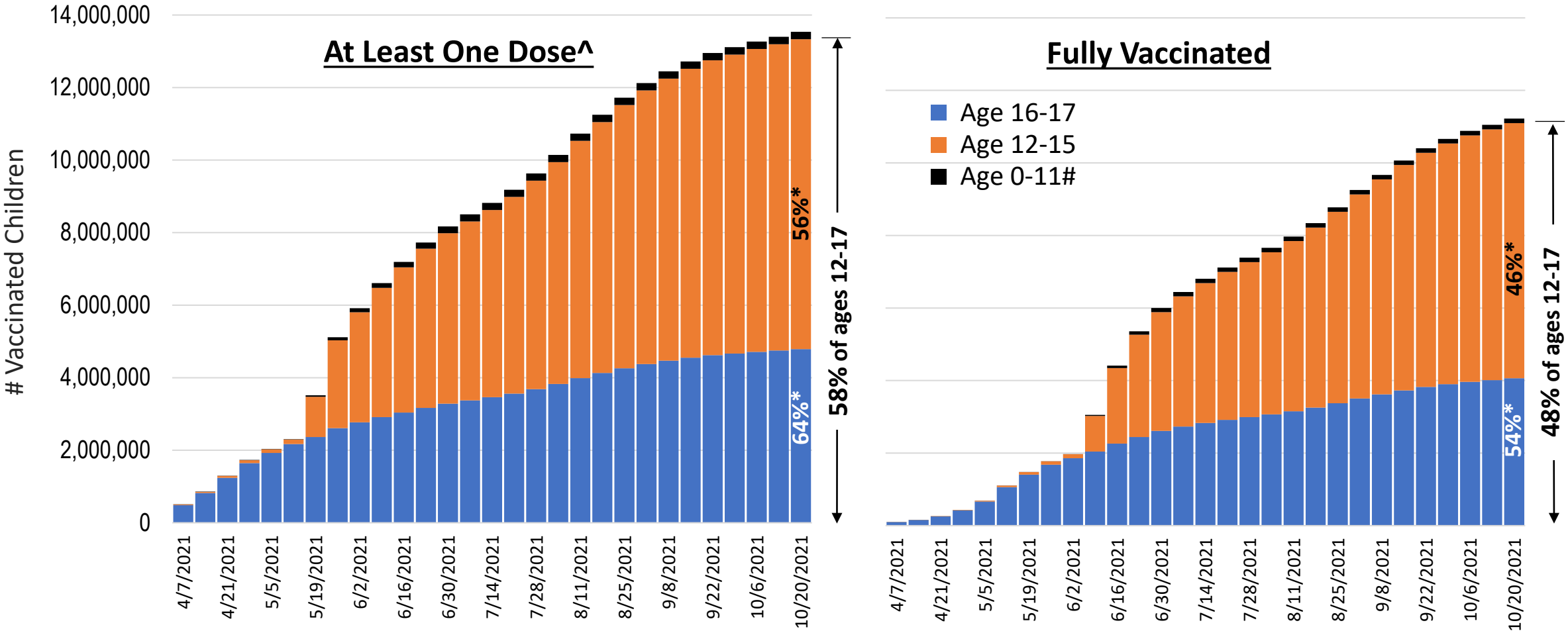


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

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 10.20.21

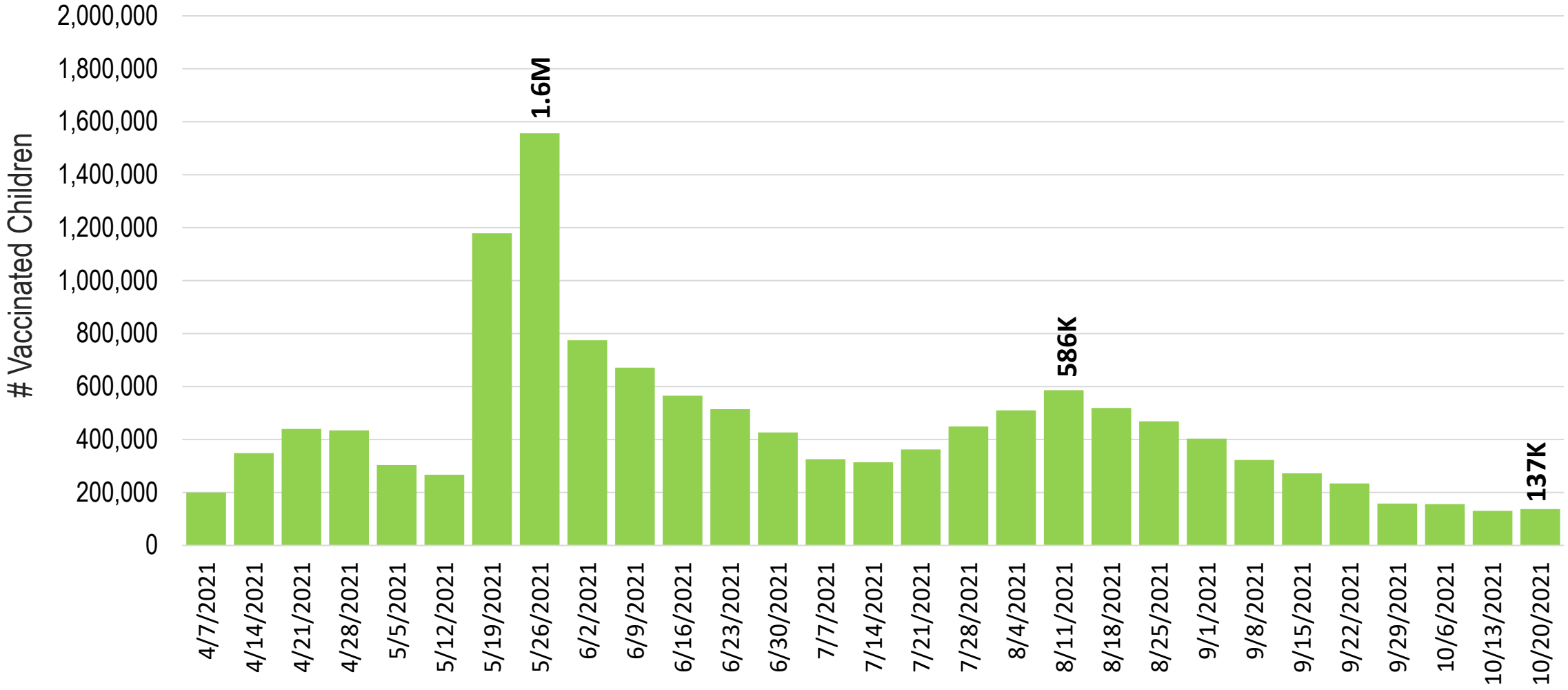


^Includes those having received only 1 of 2 doses and those fully-vaccinated. Vaccinated children as percentage of all children within age group. # According to the CDC Coronavirus Disease Response Team, children under age 12 may be included as vaccinated due to (1) birthdate entered incorrectly, or (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 (Ages 12-17) Receiving Their Initial COVID-19 Vaccination

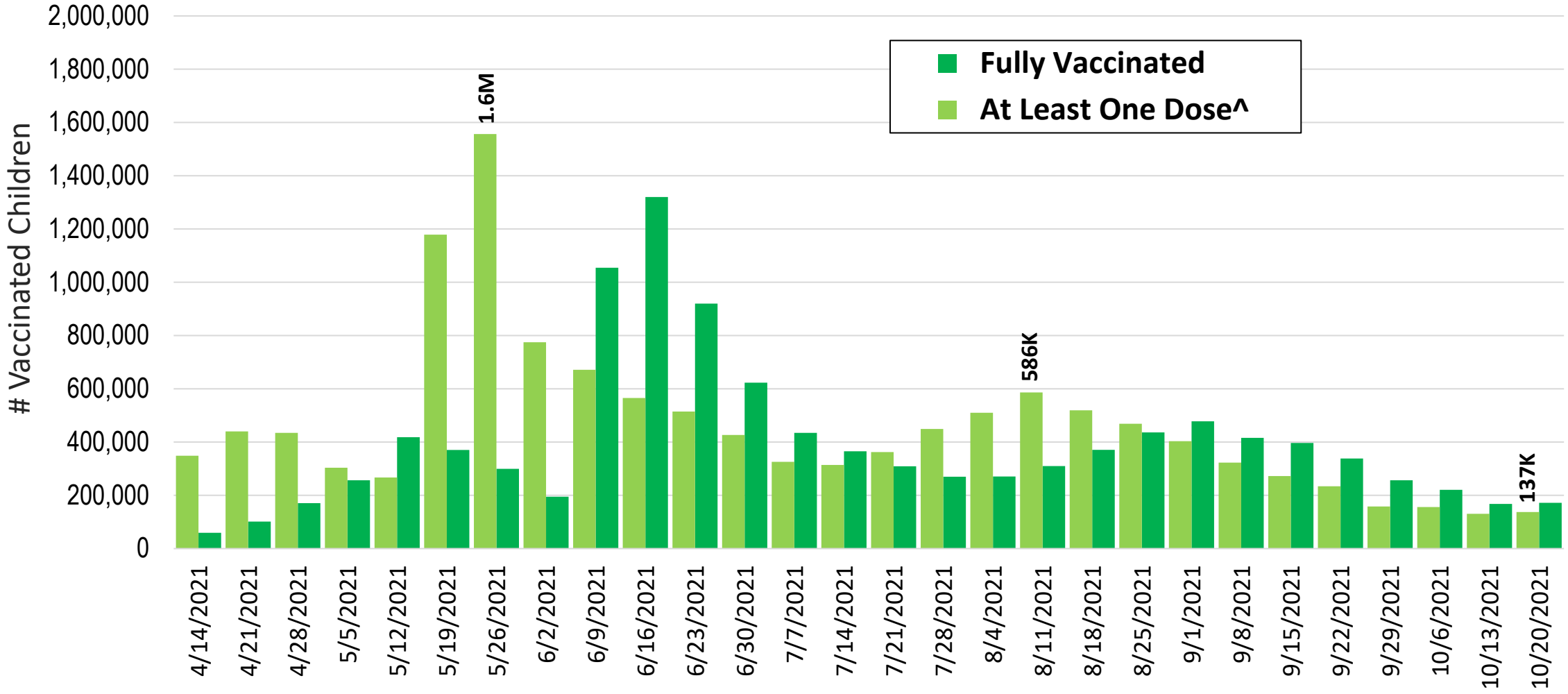
4.07.21 to 10.20.21



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 (Ages 12-17)

4.07.21 to 10.20.21

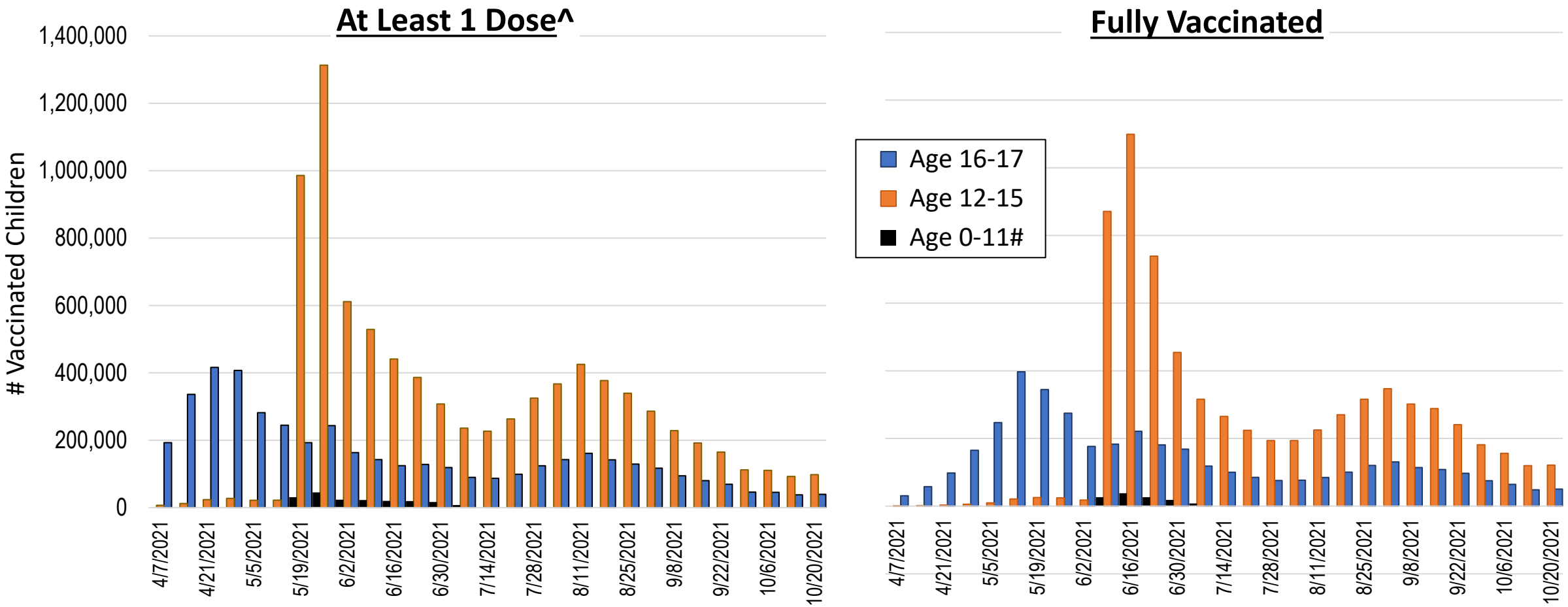


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

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

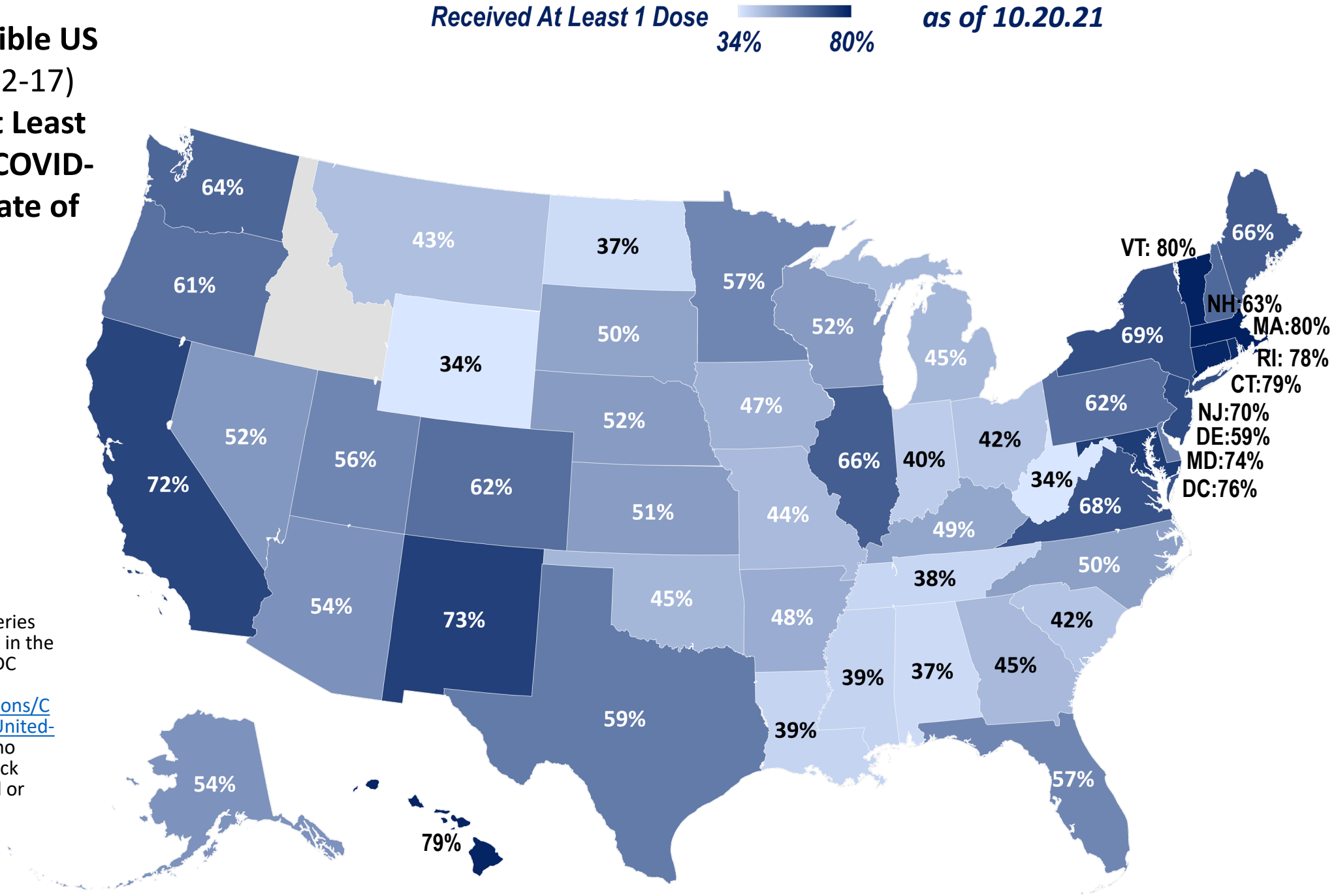
4.07.21 to 10.20.21



^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."

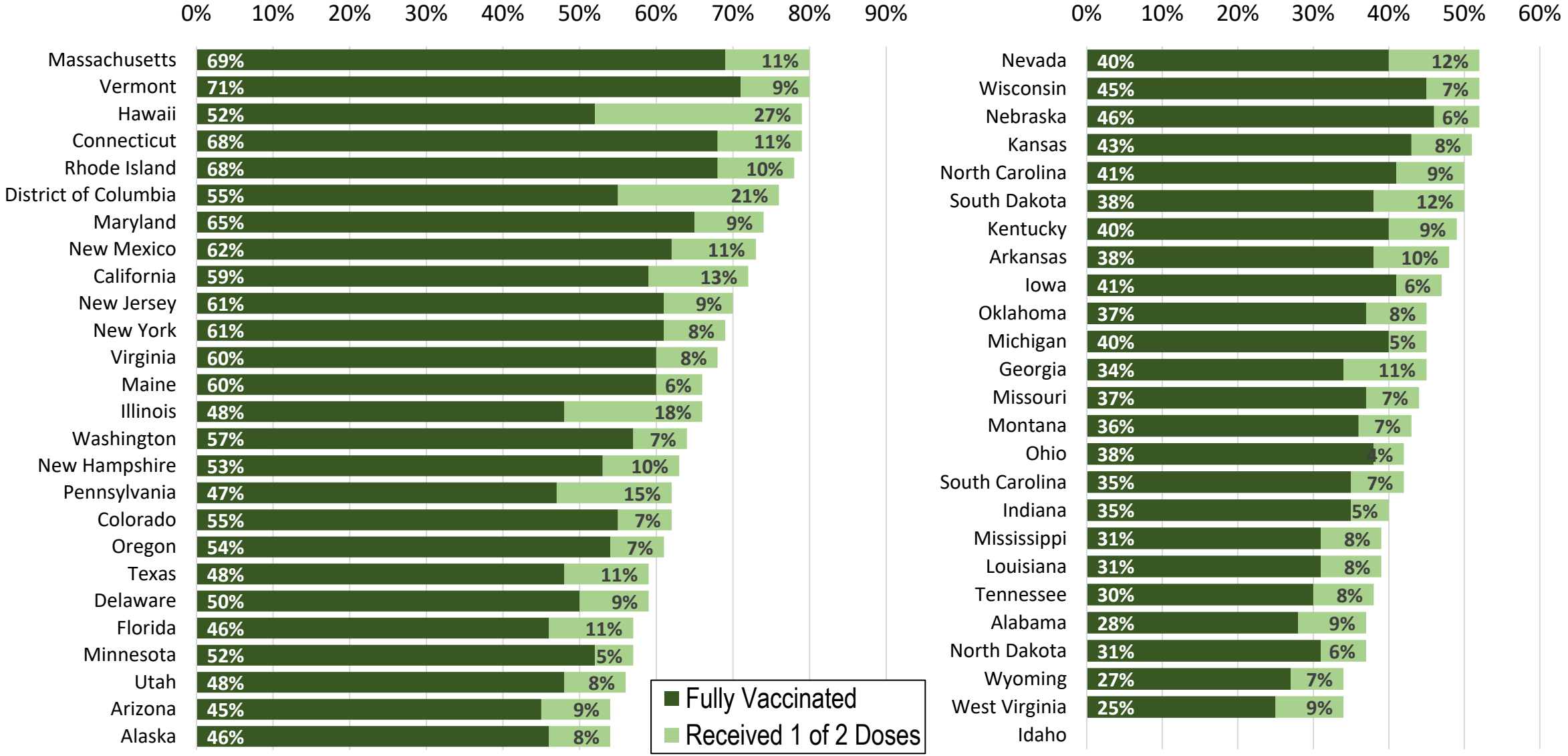
Proportion of Eligible US Children (Ages 12-17) Who Received At Least One Dose of the COVID-19 Vaccine by State of Residence



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

Proportion of US Eligible Children (Ages 12-17) **Vaccinated Against COVID-19 by State of Residence**

as of 10.20.2021



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

At Least 1 Dose Among Eligible US Children (Ages 12-17) ---3 Week Improvement

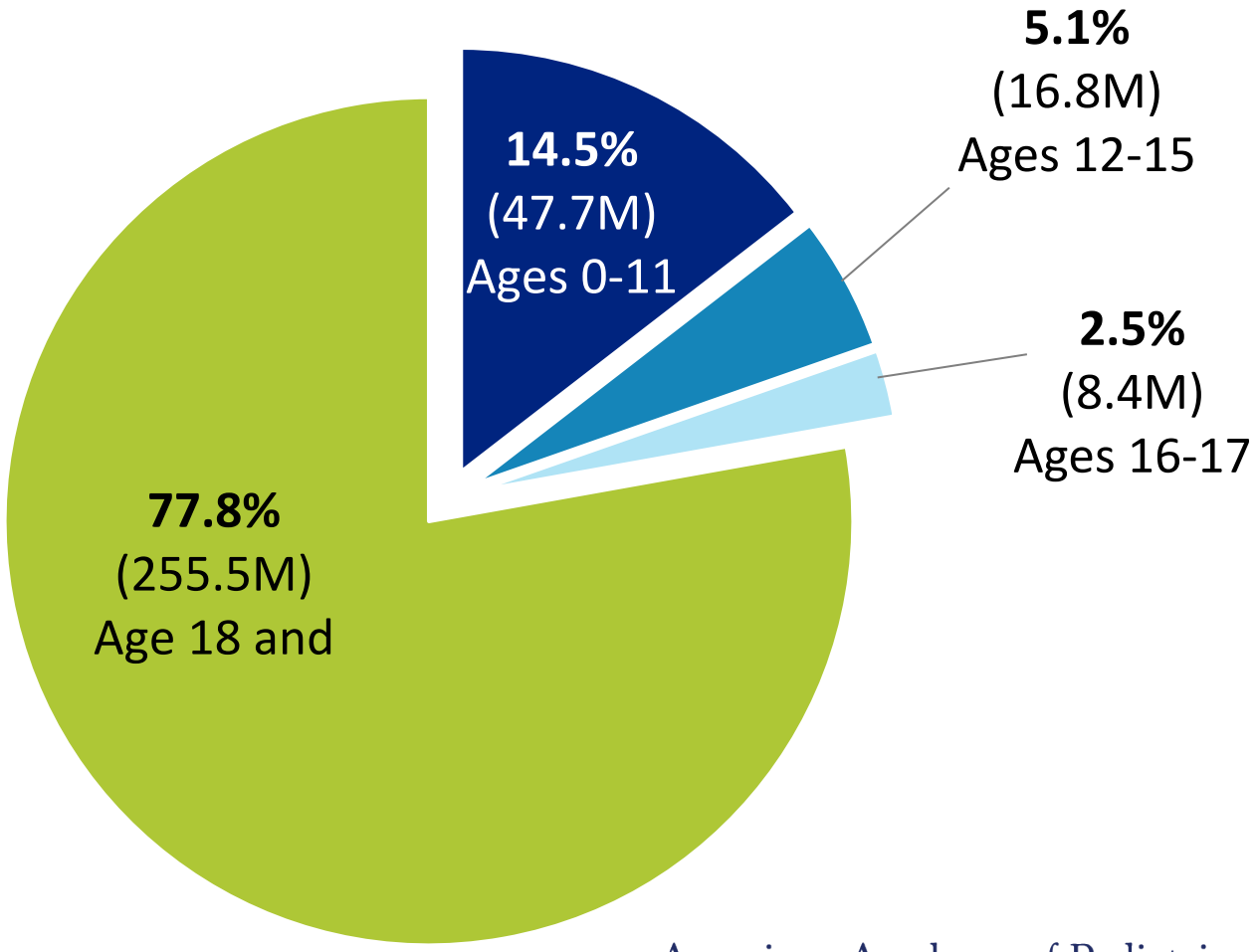
State	%Children Having Received At Least One Dose		
	9.29.21	10.20.21	*Increase by Percentage Point*
50 States and DC	**56%**	**58%**	2%
Alabama	36%	37%	1%
Alaska	52%	54%	2%
Arizona	52%	54%	2%
Arkansas	47%	48%	1%
California	68%	72%	4%
Colorado	61%	62%	1%
Connecticut	77%	79%	2%
Delaware	57%	59%	2%
District of Columbia	73%	76%	3%
Florida	55%	57%	2%
Georgia	43%	45%	2%
Hawaii	77%	79%	2%
Idaho	--		
Illinois	65%	66%	1%
Indiana	39%	40%	1%
Iowa	46%	47%	1%
Kansas	49%	51%	2%
Kentucky	47%	49%	2%
Louisiana	37%	39%	2%
Maine	65%	66%	1%
Maryland	72%	74%	2%
Massachusetts	79%	80%	1%
Michigan	44%	45%	1%
Minnesota	55%	57%	2%
Mississippi	37%	39%	2%

State (continued)	%Children Having Received At Least One Dose		
	9.29.21	10.20.21	*Increase by Percentage Point*
Missouri	43%	44%	1%
Montana	41%	43%	2%
Nebraska	50%	52%	2%
Nevada	51%	52%	1%
New Hampshire	62%	63%	1%
New Jersey	68%	70%	2%
New Mexico	71%	73%	2%
New York	67%	69%	2%
North Carolina	49%	50%	1%
North Dakota	36%	37%	1%
Ohio	41%	42%	1%
Oklahoma	44%	45%	1%
Oregon	60%	61%	1%
Pennsylvania	60%	62%	2%
Rhode Island	75%	78%	3%
South Carolina	41%	42%	1%
South Dakota	48%	50%	2%
Tennessee	37%	38%	1%
Texas	57%	59%	2%
Utah	54%	56%	2%
Vermont	78%	80%	2%
Virginia	67%	68%	1%
Washington	62%	64%	2%
West Virginia	34%	34%	0%
Wisconsin	51%	52%	1%
Wyoming	33%	34%	1%

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-Jurisdi/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)]

Contact Information

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