Children and COVID-19 Vaccinations Trends

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

as of October 13, 2021

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

Status of Child COVID-19 vaccinations as of October 13, 2021

- 13.4 million US children under age 18 having received **at least one dose** of COVID-19 vaccine:
  - Representing 57% of 12-17 year-olds
- 11.1 million of these children are **fully vaccinated**:
  - Representing 47% of 12-17 year-olds
- The number of children receiving their first COVID -19 vaccine this week, at 131,000, was the lowest number since vaccines were available.
  - The number of children receiving their first dose has steadily declined from nine weeks ago when 586,000 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 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 **19** states, under half have received 1 dose.

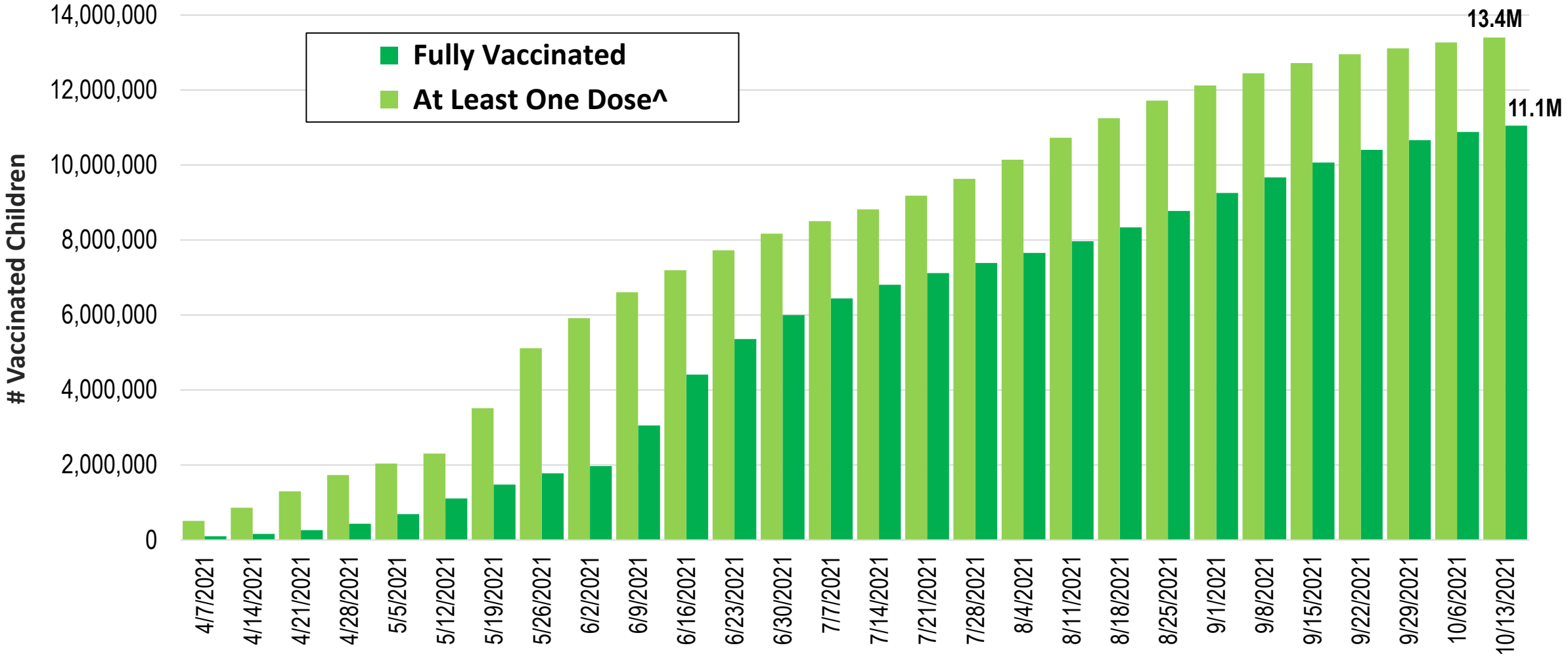
Source: AAP analysis of data series published by the CDC titled "Demographic Trends of People Receiving COVID-19 Vaccinations in the United States."

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/#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-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.

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

4.07.21 to 10.13.21

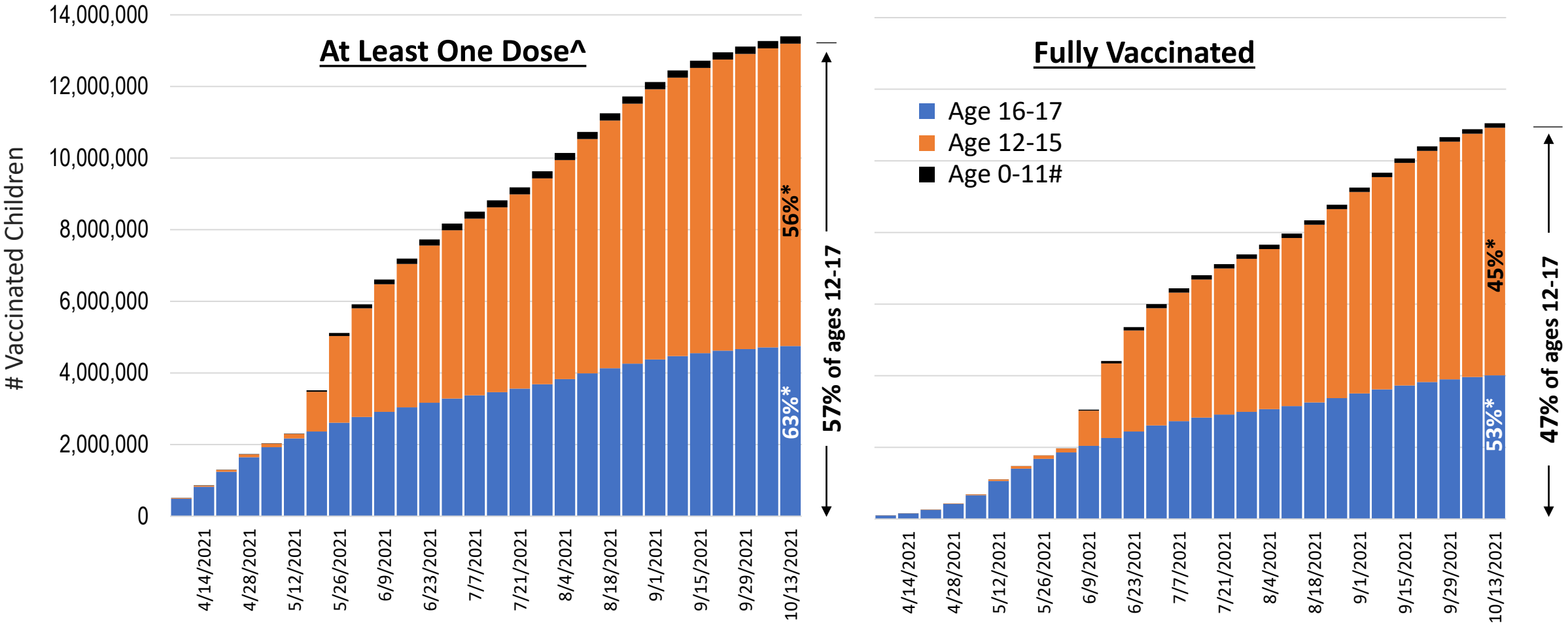


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

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 10.13.21

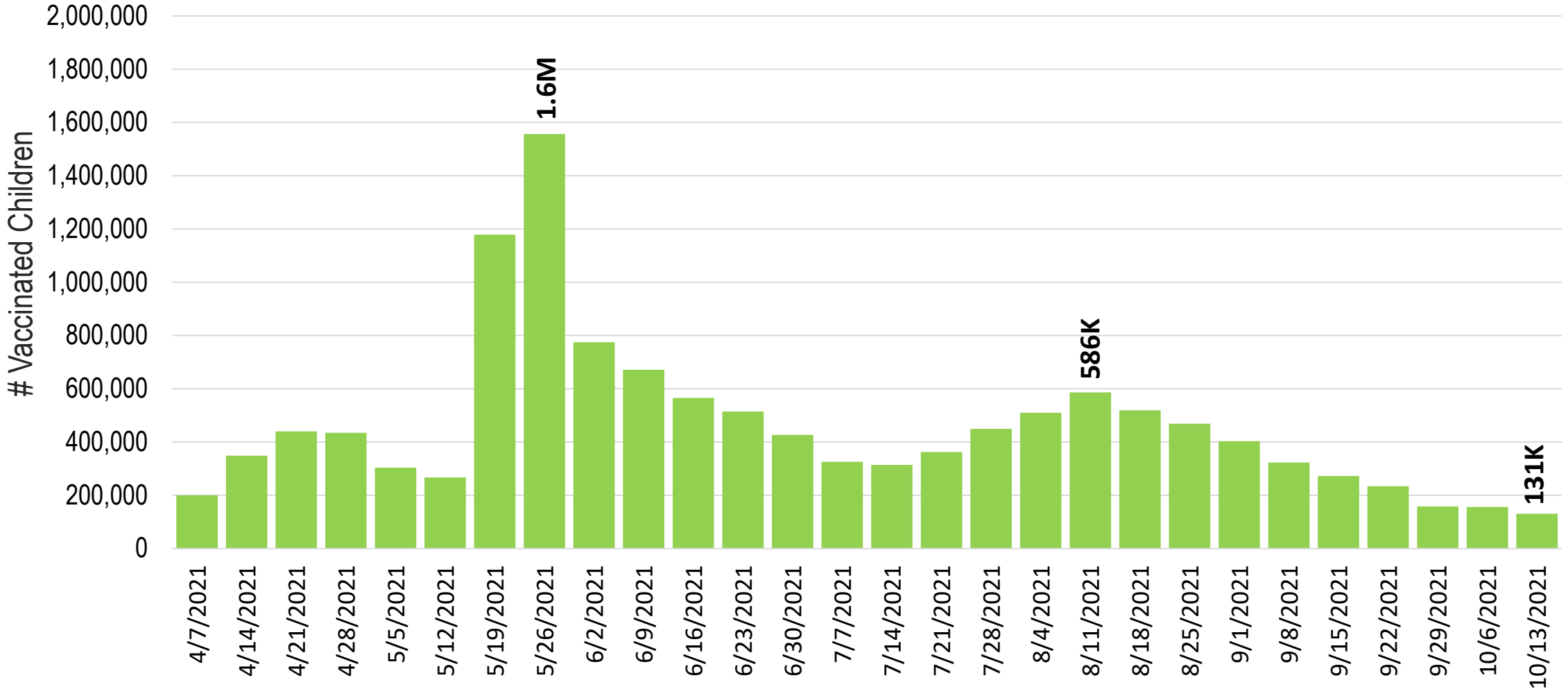


^Includes those having received only 1 of 2 doses and those fully-vaccinated. Vaccinated children as percentage of all children within age group. # According to the CDC Coronavirus Disease Response Team, children under age 12 may be included as vaccinated due to (1) birthdate entered incorrectly, or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

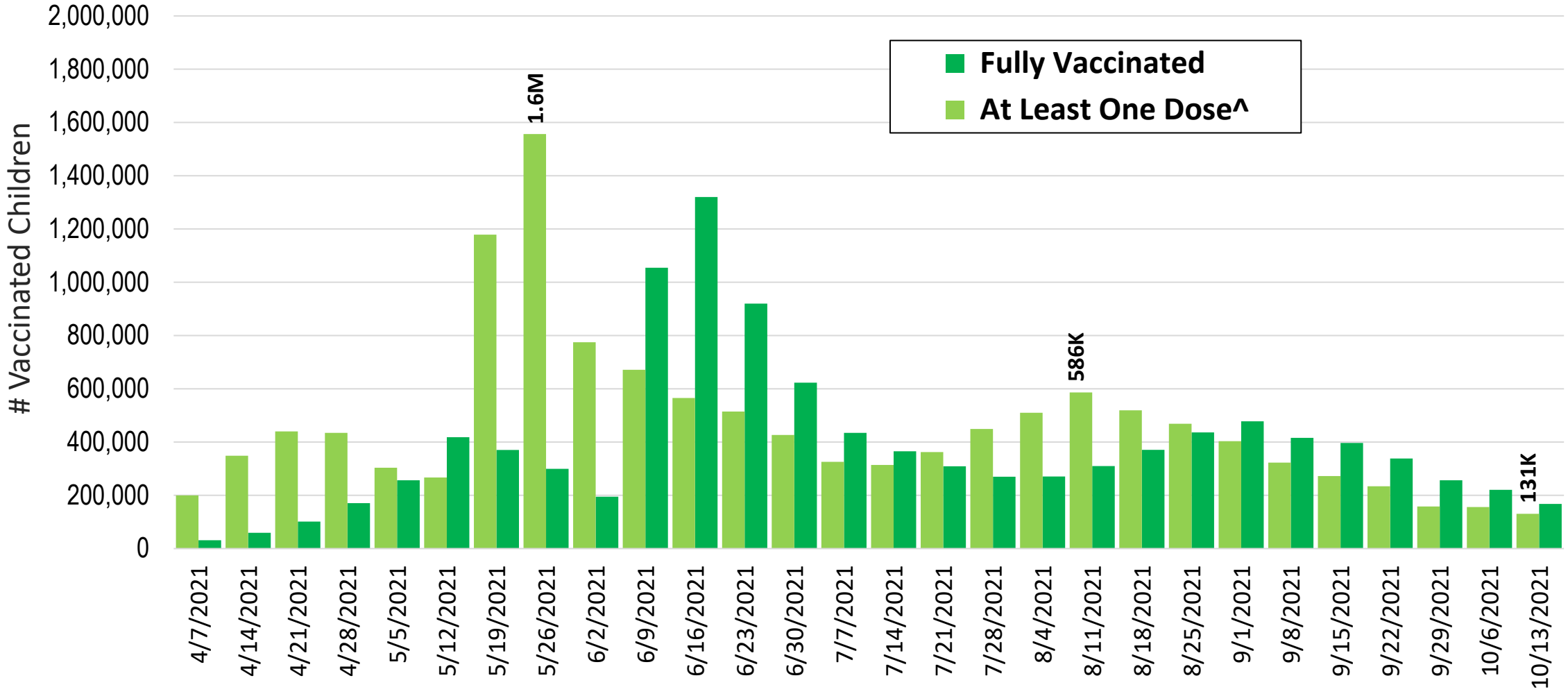
4.07.21 to 10.13.21



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 10.13.21

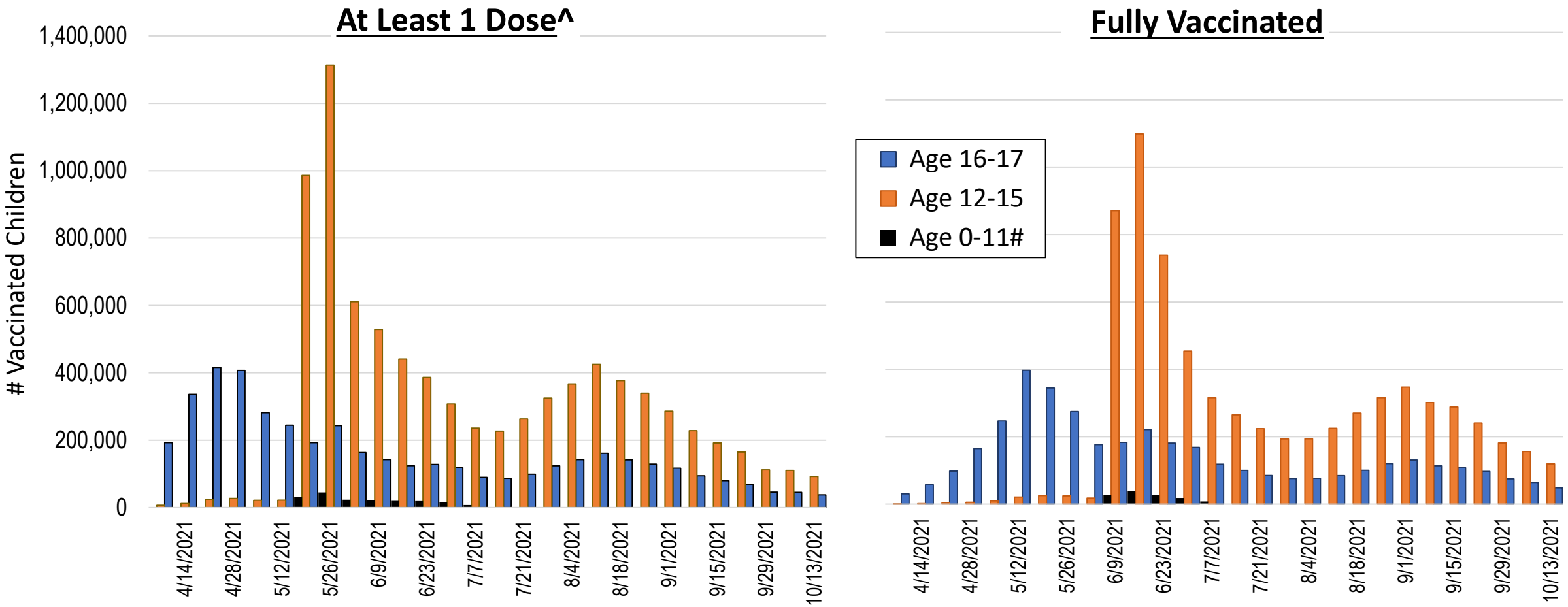


^Includes those having received only 1 of 2 doses and those fully-vaccinated.

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

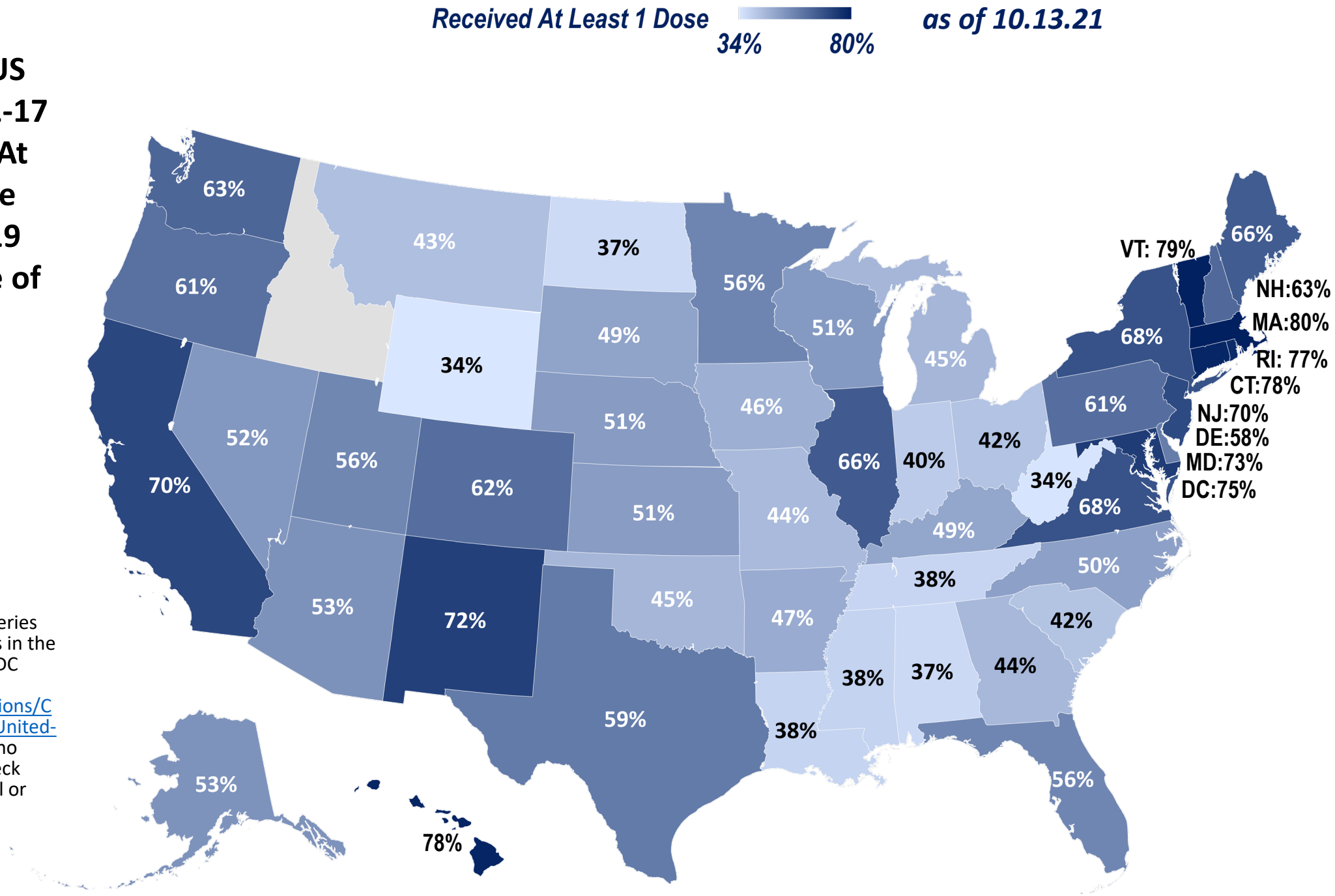
4.07.21 to 10.13.21



^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."

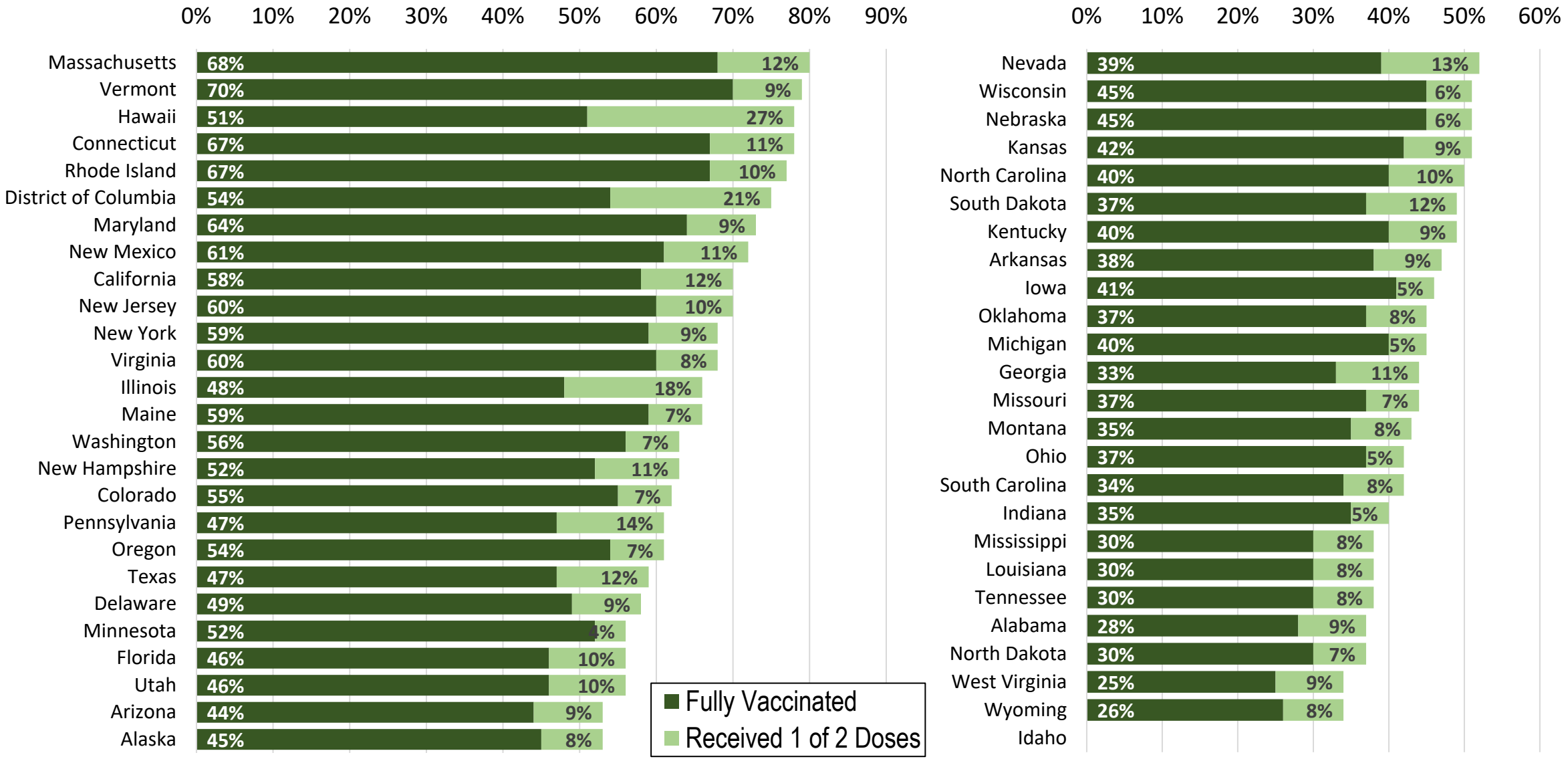
Proportion of US Children Ages 12-17 Who Received At Least One Dose of the COVID-19 Vaccine by State of Residence



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

as of 10.13.21



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

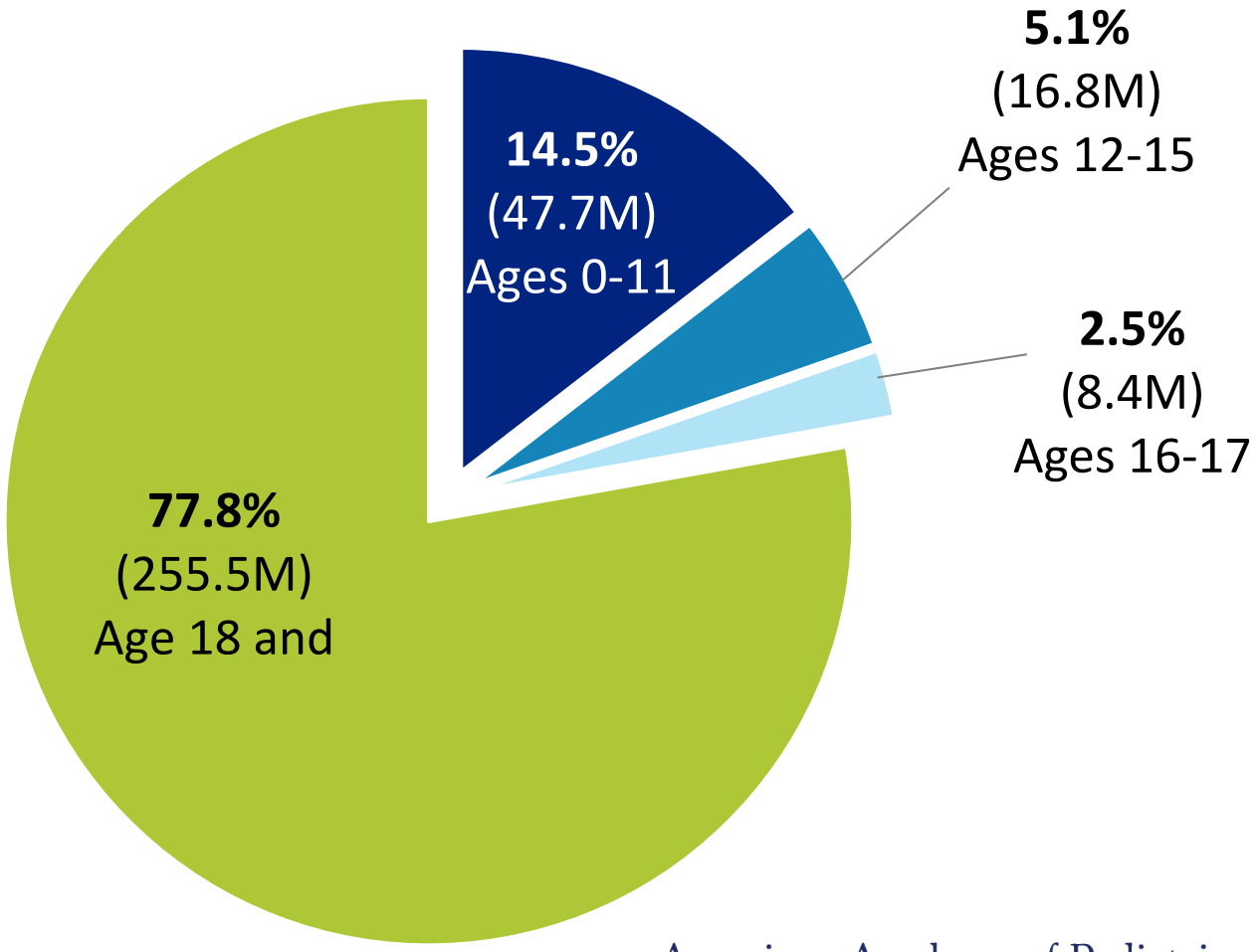
At Least 1 Dose Among Children 12-17 Years---3 Week Improvement

State	%Children Having Received At Least One Dose			State (continued)	%Children Having Received At Least One Dose		
	9.22.21	10.13.21	*Increase* by Percentage Point		9.22.21	10.13.21	*Increase* by Percentage Point
50 States and DC	55%	57%	2%	**Missouri**	42%	44%	2%
Alabama	35%	37%	2%	**Montana**	41%	43%	2%
Alaska	51%	53%	2%	**Nebraska**	50%	51%	1%
Arizona	51%	53%	2%	**Nevada**	50%	52%	2%
Arkansas	46%	47%	1%	**New Hampshire**	61%	63%	2%
California	67%	70%	3%	**New Jersey**	68%	70%	2%
Colorado	60%	62%	2%	**New Mexico**	70%	72%	2%
Connecticut	76%	78%	2%	**New York**	66%	68%	2%
Delaware	56%	58%	2%	**North Carolina**	48%	50%	2%
District of Columbia	71%	75%	4%	**North Dakota**	35%	37%	2%
Florida	54%	56%	2%	**Ohio**	40%	42%	2%
Georgia	43%	44%	1%	**Oklahoma**	43%	45%	2%
Hawaii	76%	78%	2%	**Oregon**	59%	61%	2%
Idaho	--			**Pennsylvania**	59%	61%	2%
Illinois	64%	66%	2%	**Rhode Island**	74%	77%	3%
Indiana	39%	40%	1%	**South Carolina**	40%	42%	2%
Iowa	45%	46%	1%	**South Dakota**	47%	49%	2%
Kansas	49%	51%	2%	**Tennessee**	36%	38%	2%
Kentucky	47%	49%	2%	**Texas**	57%	59%	2%
Louisiana	36%	38%	2%	**Utah**	53%	56%	3%
Maine	64%	66%	2%	**Vermont**	78%	79%	1%
Maryland	71%	73%	2%	**Virginia**	66%	68%	2%
Massachusetts	78%	80%	2%	**Washington***	--	63%	--
Michigan	44%	45%	1%	**West Virginia**	34%	34%	0%
Minnesota	55%	56%	1%	**Wisconsin**	50%	51%	1%
Mississippi	37%	38%	1%	**Wyoming**	32%	34%	2%

***** 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-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)]

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