Children and COVID-19 Vaccinations Trends

AAP Analysis of Data Posted by the Centers for Disease Control and Prevention
as of July 28, 2021
The CDC recorded 9.6 million US children under age 18 have received at least one dose of COVID-19 vaccine:
- Representing 49% of 16-17 year-olds and 38% of 12-15 year-olds

7.4 million of these children are fully vaccinated:
- Representing 40% of 16-17 year-olds and 28% of 12-15 year-olds

The number of children receiving their first COVID-19 vaccine dose increased the past two weeks:
- 315K the week ending July 14th, 363K the week ending July 21st, and 450K the week ending July 28th
- 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 4 states, over 60% of children (age 12-17) have received at least 1 dose, and in 14 states, 30% or fewer 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


- 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.’ (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 7.28.21

Fully Vaccinated
At Least One Dose^*

*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

At Least One Dose^  

Fully Vaccinated

^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 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 7.28.21

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 7.28.21

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

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

as of 7.28.21

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

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