



COVID-19

COVID DATA TRACKER WEEKLY REVIEW

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Interpretive Summary for November 5, 2021

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This is Their Shot

Last week, the [U.S. Food and Drug Administration \(FDA\)](#) [authorized](#) the use of the [Pfizer-BioNTech COVID-19 vaccine](#) for children ages 5 through 11 years. CDC now [recommends](#) that children ages 5 through 11 get a COVID-19 vaccine. There are approximately 28 million children in this age group in the United States, with nearly 2 million cases of COVID-19 since the start of the pandemic. While fewer COVID-19 [cases](#) and [hospitalizations](#) have been reported in children compared with adults, children can be hospitalized or die from the virus.

[Vaccinating children ages 5 through 11](#) is critical to preventing

infections and possible severe disease. The COVID-19 vaccines being used in the United States are [safe](#) and [effective](#). They have undergone – and will continue to undergo – the most intensive safety monitoring in U.S. history. The Pfizer-BioNTech COVID-19 vaccine for children is different than the vaccine that is given to adolescents and adults.* Children ages 5 through 11 will still require two doses three weeks apart to be considered fully vaccinated. Children may have some [side effects](#) from COVID-19 vaccination, which are normal signs that their body is building protection.

COVID DATA TRACKER

NEW

Pediatric Data Page

- Vaccination trends and demographics
- Cases, deaths and hospitalizations
- Multisystem Inflammatory Syndrome in Children
- Birth and infant outcomes
- Learn more



Find the latest data on
CDC's COVID Data Tracker



321963-9V

The Pfizer COVID-19 vaccine is over 90% effective at preventing COVID-19 in children ages 5 to 11 years. Getting your child vaccinated can help protect them against COVID-19, as well as reduce disruptions to in-person learning and activities by helping to reduce the spread of COVID-19. Vaccines can also help keep your child from getting seriously sick even if they do get COVID-19. If you have questions about COVID-19 vaccines in children, talk with your child's pediatrician or healthcare provider.

*Children 5 through 11 years old will receive a separate vaccine formulation of the Pfizer-BioNTech COVID-19 vaccine that has one-third the dose given to adolescents and adults, and they will receive the vaccine with a smaller needle.

Note to readers: Starting the week of November 8th, vaccines will be available at pediatricians' offices, pharmacies, Federally Qualified Health Centers, and more. To find vaccine near you, visit [vaccines.gov](https://www.vaccines.gov); text your ZIP code to 438829 (GETVAX); or call 1-800-232-0233.

What's New

- COVID Data Tracker's new [Pregnancy Data page](#) catalogs all pregnancy-related data available on COVID Data Tracker in one easy-to-use location
- [The Advisory Committee on Immunization Practices' Interim Recommendation for Use of Pfizer-BioNTech COVID-19 Vaccine in Children Aged 5–11 Years — United States, November 2021](#)
- [Effectiveness of 2-Dose Vaccination with mRNA COVID-19 Vaccines Against COVID-19–Associated Hospitalizations Among Immunocompromised Adults — Nine States, January–September 2021](#)
- [Laboratory-Confirmed COVID-19 Among Adults Hospitalized with COVID-19–Like Illness with Infection-Induced or mRNA Vaccine-Induced SARS-CoV-2 Immunity — Nine States, January–September 2021](#)
- [The Advisory Committee on Immunization Practices' Interim Recommendations for Additional Primary and Booster Doses of COVID-19 Vaccines — United States, 2021](#)

Reported Cases

The current 7-day moving average of daily new cases (70,431) decreased 1.4% compared with the previous 7-day moving average (71,450). A total of 46,180,190 COVID-19 cases have been reported as of November 3, 2021.

46,180,190
Total Cases Reported

70,431
Current 7-Day Average*

71,450
Prior 7-Day Average

-1.4%
Change in 7-Day Average
since Prior Week

*Historical cases are excluded from daily new cases and 7-day average calculations until they are incorporated into the dataset for the applicable date. Of 316,487 historical cases reported retroactively, 31,407 were reported in the current week and 2,004 were reported in the prior week.

SARS-CoV-2 Variants

Currently, [Delta](#) is the only variant classified as a [Variant of Concern \(VOC\)](#) in the United States. [Nowcast](#)

Daily Trends in COVID-19 Cases in the United States Reported to CDC

■ 7-Day moving average



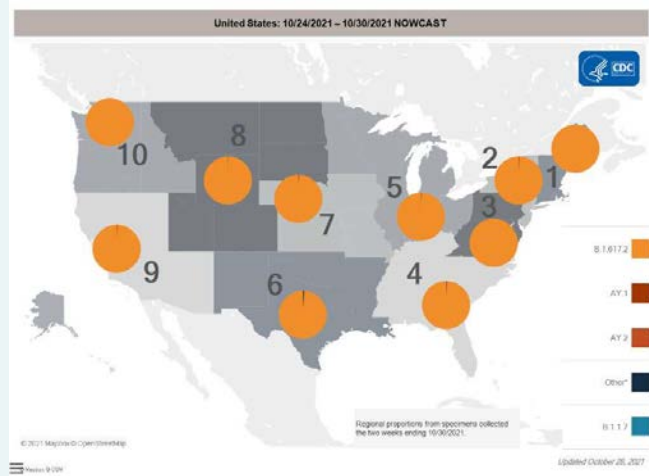
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[More Case Data](#)

SARS-CoV-2 Variants Circulating in the United States

projections* for the week ending October 30, 2021, estimate the national and regional proportions of the Delta variant to be greater than 99%.

*The median time from specimen collection to sequence data reporting is about 3 weeks. As a result, weighted estimates for the most recent few weeks may be unstable or unavailable. CDC's Nowcast is a data projection tool that helps fill this gap by generating timely estimates of variant proportions for variants that are circulating in the United States. View Nowcast estimates on CDC's COVID Data Tracker website on [Variant Proportions](#) page.



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[More Variants Data](#)

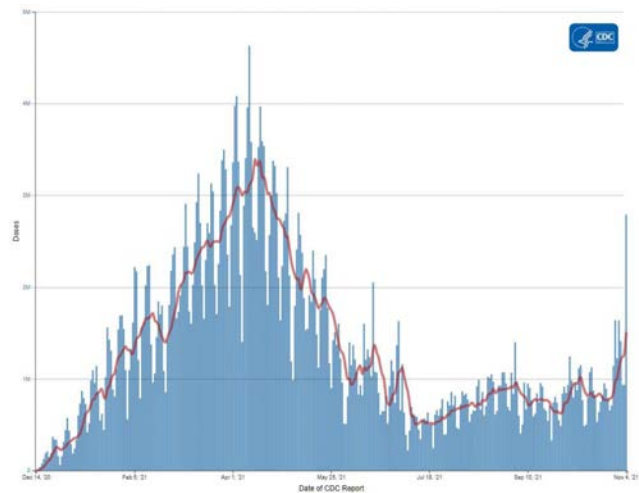
Vaccinations

The U.S. COVID-19 Vaccination Program began December 14, 2020. As of November 4, 2021, 426.7 million vaccine doses have been administered. Overall, about 222.6 million people, or 67% of the total U.S. population, have received at least one dose of vaccine. About 193.2 million people, or 58.2% of the total U.S. population, have been fully vaccinated.* About 21.5 million additional/booster doses in fully vaccinated people have been reported. As of November 4, 2021, the 7-day average number of administered vaccine doses reported (by date of CDC report) to CDC per day was 1,510,524, a 55.8% increase from the previous week.

CDC's COVID Data Tracker [Vaccination Demographic Trends](#) tab shows vaccination trends by age group. As of November 4, 2021, 97.8% of people ages 65 years or older have received at least one dose of vaccine and 85.6% are fully vaccinated. More than three-quarters (80.3%) of people ages 18 years or older have received at least one dose of vaccine and 69.9% are fully vaccinated. For people ages 12 years or older, 78.4% have received at least one dose of vaccine and 68.1% are fully vaccinated.

Daily Change in the Total Number of Administered COVID-19 Vaccine Doses Reported to CDC by the Date of CDC Report, United States

■ 7-Day moving average



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[More Vaccination Data](#)

426,728,092
Vaccines Administered

222,591,394
People who received at least one dose

193,227,813
People who are fully vaccinated*

67.0%
Percentage of the US population that has

58.2%
Percentage of the US population that has been

received at least one dose

fully vaccinated*

+0.3

Percentage point increase from last week

+0.6

Percentage point increase from last week

*Represents the number of people who have received the second dose in a two-dose COVID-19 vaccine series (such as the Pfizer or Moderna vaccines) or one dose of the single-shot Johnson & Johnson's Janssen vaccine.

Hospitalizations

New Hospital Admissions

The current 7-day daily average for October 27–November 2, 2021, was 5,075. This is a 6.7% decrease from the prior 7-day average (5,441) from October 20–October 26, 2021.

3,257,025

Total New Admissions

5,075

Current 7-Day Average

5,441

Prior 7-Day Average

-6.7%

Change in 7-Day Average

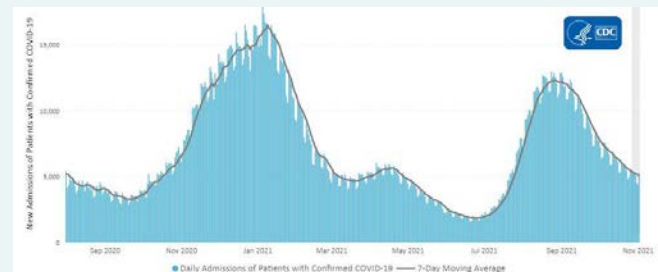
The start of consistent reporting of hospital admissions data was August 1, 2020.

COVID-NET: Hospitalization Rates among Children Ages 5–11 Years

CDC's Coronavirus Disease 2019-Associated Hospitalization Surveillance Network (COVID-NET) shows that while rates of COVID-19-associated hospitalizations have started to decrease, rates remain elevated in children ages 5–11 years. Recent weekly rates of COVID-19-associated hospitalizations for these children are 0.7 per 100,000 for the week ending October 16, 2021. This rate is lower than the peak rate of 1.0 per 100,000 for the week ending September 25, 2021, but still higher than other times during the pandemic.

Information on risk factors for severe outcomes in COVID-19-associated hospitalizations among children can be found in a new report using COVID-NET data [here](#).

Daily Trends in Number of New COVID-19 Hospital Admissions in the United States

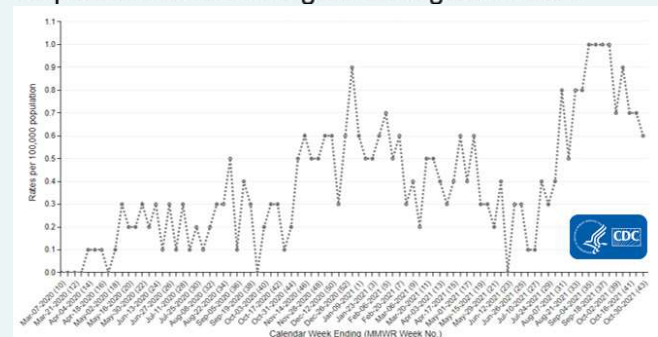


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New admissions are pulled from a 10 am EST snapshot of the HHS Unified Hospital Timeseries Dataset. Due to potential reporting delays, data from the most recent 7 days, as noted in the figure above with the grey bar, should be interpreted with caution. Small shifts in historic data may also occur due to changes in the Centers for Medicare and Medicaid Services (CMS) Provider of Services file, which is used to identify the cohort of included hospitals.

[More Hospital Data](#)

Hospitalization Rates among Children Ages 5–11 Years



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The Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET) is an additional source for hospitalization data collected through a network of more than 250 acute-care hospitals in 14 states (representing ~10% of the U.S.

population). Detailed data on patient demographics, including race/ethnicity, underlying medical conditions, medical interventions, and clinical outcomes, are [standardized case reporting form](#).

[More COVID-NET Data](#)

Deaths

The current 7-day moving average of new deaths (1,110) has decreased 8.8% compared with the previous 7-day moving average (1,217). As of November 3, 2021, a total of 747,970 COVID-19 deaths have been reported in the United States.

747,970 Total Deaths Reported
1,217 Prior 7-Day Average

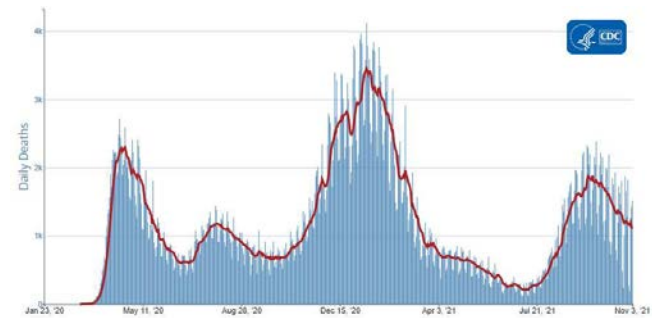
1,110
Current 7-Day Average*

-8.8%
Change in 7-Day Average Since Prior Week

*Historical deaths are excluded from the daily new deaths and 7-day average calculations until they are incorporated into the dataset by their applicable date. Of 10,624 historical deaths reported retroactively, 211 were reported in the current week; 224 were reported in the prior week.

Daily Trends in Number of COVID-19 Deaths in the United States Reported to CDC

■ 7-Day moving average



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[More Death Data](#)

Testing

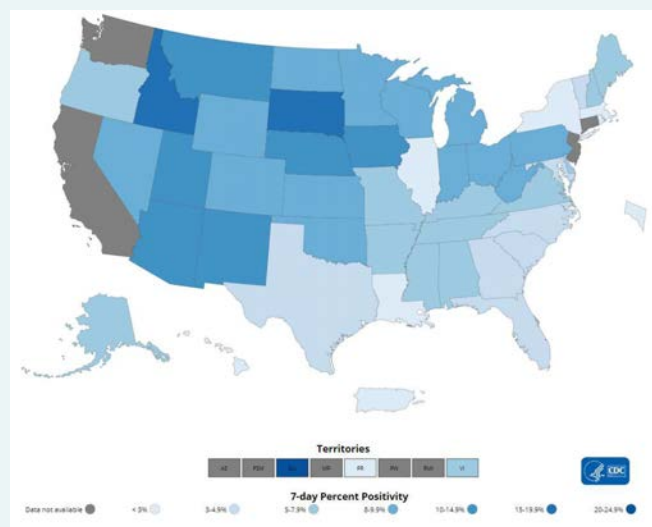
The percentage of COVID-19 NAATs ([nucleic acid amplification tests](#))* that are positive ([percent positivity](#)) has increased from the previous week. The 7-day average of percent positivity from NAATs is now 5.0%. The 7-day average number of tests reported for October 22 – October 28, 2021, was 1,337,270, down 7.4% from 1,444,515 for the prior 7 days.

627,030,456 Total Tests Reported	
1,337,270 7-Day Average Tests Reported	5.0% 7-Day Average % Positivity

4.8%
Previous 7-Day Average % Positivity

+3.1%
Change in 7-Day Average % Positivity since Prior Week

COVID-19 NAAT Laboratory Test 7-day Percent Positivity by State/Territory



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[More Testing Data](#)

*Test for SARS-CoV-2, the virus that causes COVID-19