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.
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; 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
- 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*
- **-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

---

*View Larger*
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.

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 | 5,075 |
| Total New Admissions | Current 7-Day Average |

| 5,441 | -6.7% |
| Prior 7-Day Average | 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)](https://www.cdc.gov/coronavirus/2019-ncov/hospitalization.html) 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.


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

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.


## Hospitalization Rates among Children Ages 5–11 Years

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.
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.

<table>
<thead>
<tr>
<th>747,970</th>
<th>Total Deaths Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,110</td>
<td>Current 7-Day Average*</td>
</tr>
<tr>
<td>1,217</td>
<td>Prior 7-Day Average</td>
</tr>
<tr>
<td>-8.8%</td>
<td>Change in 7-Day Average Since Prior Week</td>
</tr>
</tbody>
</table>

*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.

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.

<table>
<thead>
<tr>
<th>627,030,456</th>
<th>Total Tests Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,337,270</td>
<td>7-Day Average Tests Reported</td>
</tr>
<tr>
<td>5.0%</td>
<td>7-Day Average % Positivity</td>
</tr>
<tr>
<td>4.8%</td>
<td>Previous 7-Day Average % Positivity</td>
</tr>
<tr>
<td>+3.1%</td>
<td>Change in 7-Day Average % Positivity since Prior Week</td>
</tr>
</tbody>
</table>

COVID-19 NAAT Laboratory Test 7-day Percent Positivity by State/Territory
*Test for SARS-CoV-2, the virus that causes COVID-19