Updates to COVID-19 Epidemiology and Vaccination Coverage

National Adult and Influenza Immunization Summit

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September 30, 2021

CDC.gov/coronavirus

COVID-19 Epidemiology and COVID-19 Vaccines

- COVID-19 cases and deaths
- COVID-19 hospitalizations
- COVID-19 vaccines administered
- COVID-19 vaccine coverage
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Daily Trends in Number of COVID-19 Cases in the U.S.

January 23, 2020 – Sept 28, 2021
Cases Total: 43,169,823

https://covid.cdc.gov/covid-data-tracker/#trends_dailytrendscases
COVID-19 Weekly Cases per 100,000 Persons by Age Group, March 1, 2020 – September 27, 2021

The percentage of cases reporting age by date was 98.69%. U.S. territories are included in case counts, but not in population counts. All data are provisional. COVID-19 case surveillance data may be incomplete for recent days due to processing and reporting delays and are subject to change. Potential two-week delay in case reporting to CDC denoted by gray bar.

Daily Trends in Number of COVID-19 Deaths in the U.S.

January 23, 2020 – Sept 28, 2021
Deaths Total 691,517

https://covid.cdc.gov/covid-data-tracker/#trends_dailycases
COVID-19 Weekly Deaths per 100,000 by Age Group, December 29, 2019 – September 25, 2021


COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity, March 1, 2020 – September 27, 2021

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New Admissions of Patients with Confirmed COVID-19, United States – August 01, 2020 – September 26, 2020

Weekly Trends in COVID-19 Associated Hospitalization Rates in the U.S., August 1, 2020 – September 27, 2021


COVID-19 Nucleic Acid Amplification Tests (NAATs) 30-day Percent Positivity by State/Territory

Data Source: [https://covid.cdc.gov/covid-data-tracker/#cases_positivity30day](https://covid.cdc.gov/covid-data-tracker/#cases_positivity30day).
COVID-19 Variant Proportions, June 20, 2021 – September 25, 2021

- Delta represents 99% of recently sequenced lineages
- Delta is more than 2x as contagious than previous variants

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- COVID-19 cases and deaths
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COVID-19 vaccines administered

Total Vaccine Doses Administered:

391,992,662

<table>
<thead>
<tr>
<th>Vaccine Series Type</th>
<th>% of Population Fully Vaccinated</th>
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</thead>
<tbody>
<tr>
<td>≥12 years of age</td>
<td>63.1%</td>
</tr>
<tr>
<td>≥18 years of age</td>
<td>65.0%</td>
</tr>
<tr>
<td>≥65 years of age</td>
<td>82.5%</td>
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CDC. https://covid.cdc.gov/covid-data-tracker

As of Sept 29, 2021
Daily Trends in Doses of COVID-19 Vaccine Administered

Daily Count of Total Doses Administered and Reported to CDC by Date Administered, United States

COVID-19 Epidemiology and COVID-19 Vaccines

- COVID-19 cases and deaths
- COVID-19 hospitalizations
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COVID-19 Reported Cases per 100,000 Population (last 7 days) and Percent of Total Population Fully Vaccinated, September 21, 2021 – September 27, 2021


Percent of People Fully Vaccinated and Cases per 100,000 Persons by Age, December 28, 2020 – September 27, 2021

Maps of Community Transmission and % of Total Population Vaccinated in the U.S., by County, September 21, 2021 – September 27, 2021


Updates to COVID-19 Epidemiology and COVID-19 Vaccines Summary

- Rates of COVID-19-associated hospitalizations have decreased in adults. However, weekly rates of hospitalizations due to COVID-19 have recently increased in children ages 11 years and younger.
- Currently, the Delta variant is the only variant classified as a variant of concern (VOC) in the United States.
- COVID-19 vaccines continue to maintain high protection against severe disease, hospitalization, and death.
- To maximize protection from the Delta variant and prevent possibly spreading it to others, get vaccinated as soon as you can and wear a mask indoors in public if you are in an area of substantial or high transmission.
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- CDC IMS 2019 NCOV Response

For more information, contact CDC
1-800-CDC-INFO (232-4636)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.