



COVID-19

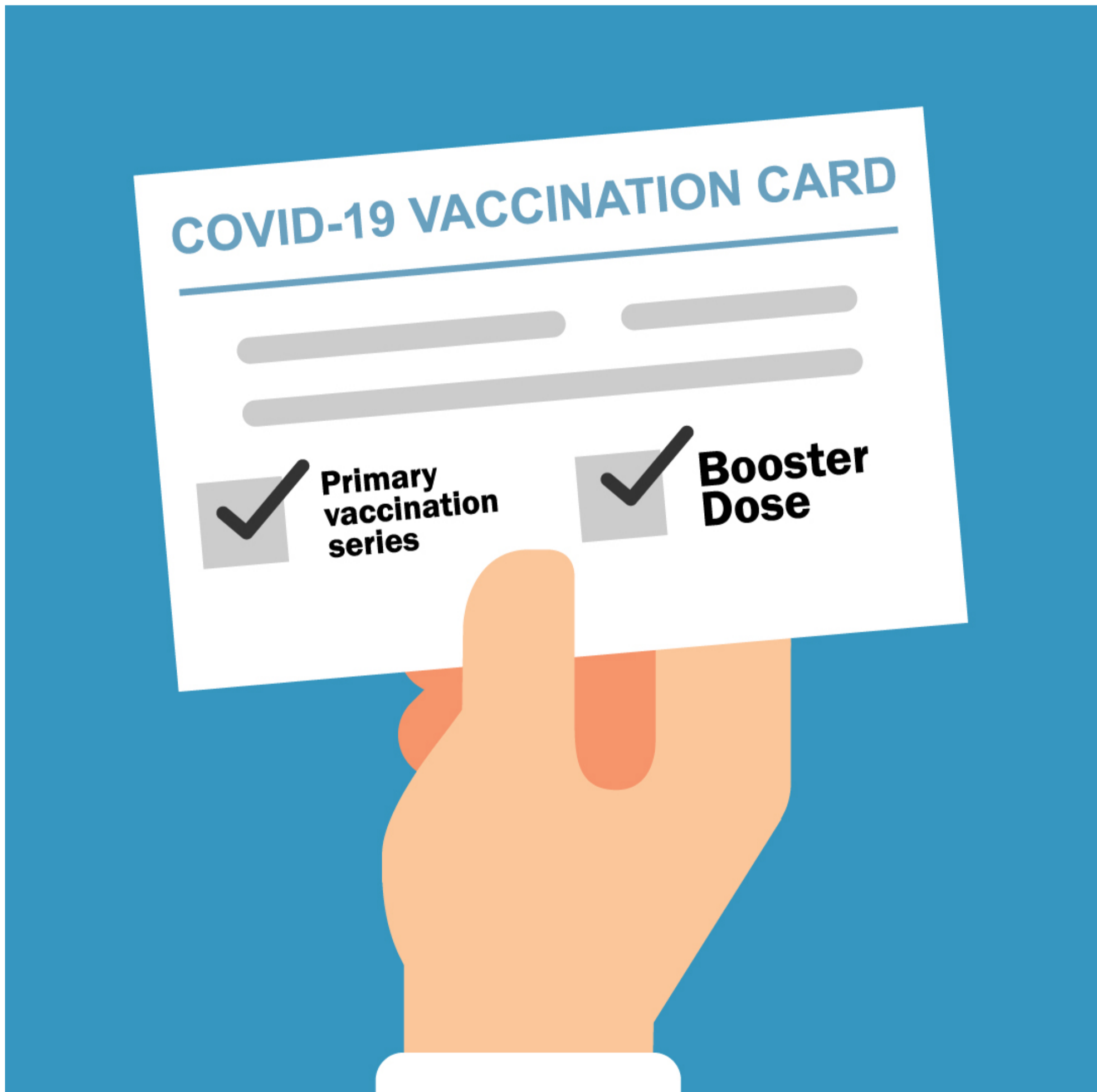
— COVID DATA TRACKER WEEKLY REVIEW —

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Interpretive Summary for January 21, 2022

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COVID-19 [cases](#), [hospitalizations](#), and [deaths](#) continue to increase, driven by the [Omicron](#) variant. CDC's [COVID Data Tracker](#) shows that, as of January 20, 2022, more than 209 million people have received their primary series* of a COVID-19 vaccine and are considered [fully vaccinated](#). More than 82 million people are [up to date](#) on their vaccines, which means they have received all recommended COVID-19 vaccines, including [boosters](#).

Three reports released this week highlight the importance of getting vaccinated and boosted to protect against severe COVID-19 associated with the Delta and Omicron variants.^{1,2,3} [COVID Data Tracker](#) shows that, as of January 20, 2022, 53.2% of booster-eligible people in the United States have not received their booster dose. That represents a total of 86 million people. CDC recommends everyone ages 5 years and older get their primary series of a COVID-19 vaccine and receive a [booster dose](#) when [eligible](#). [Find a vaccine](#) and get your booster dose as soon as you can.

Masking is another crucial way to [protect yourself and others](#). Last week, CDC updated its [mask recommendations](#) to show that well-fitting NIOSH-approved respirators (including N95s) offer the most protection against COVID-19. Any mask is always better than none, but whatever mask you choose should [fit well](#) and be comfortable enough to wear correctly and consistently. Learn how to get the best protection from your mask by visiting CDC's [Improve How Your Mask Protects You](#) page.

*Primary series completion is defined as receipt of 2 vaccine doses for someone who received a Pfizer-BioNTech or Moderna COVID-19 vaccine, or receipt of 1 dose for someone who received a Janssen/Johnson & Johnson COVID-19 vaccine.

What's New

- COVID Data Tracker's [Vaccine Equity](#) tab now displays national data on booster dose uptake by race/ethnicity among the booster-eligible adult population.
- COVID Data Tracker's [Hospitalizations by Vaccination Status](#) tab was updated to include additional figures that display data on people with additional or booster doses.
- [Racial and Ethnic Disparities in Receipt of Medications for Treatment of COVID-19 — United States, March 2020–August 2021](#)
- [COVID-19 Cases and Hospitalizations by COVID-19 Vaccination Status and Previous COVID-19 Diagnosis — California and New York, May–November 2021](#)
- [Effectiveness of a Third Dose of mRNA Vaccines Against COVID-19–Associated Emergency Department and Urgent Care Encounters and Hospitalizations Among Adults During Periods of Delta and Omicron Variant Predominance — VISION Network, 10 States, August 2021–January 2022](#)
- [COVID-19 Incidence and Death Rates Among Unvaccinated and Fully Vaccinated Adults with and Without Booster Doses During Periods of Delta and Omicron Variant Emergence — 25 U.S. Jurisdictions, April 4–December 25, 2021](#)

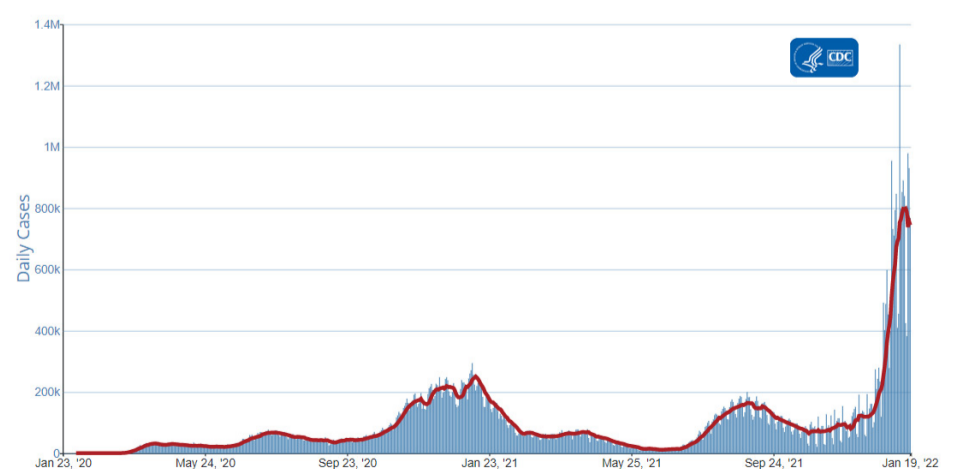
Reported Cases

As of January 19, 2022, the current 7-day moving average of daily new cases (744,616) decreased 5.0% compared with the previous 7-day moving average (783,922). A total of 68,671,563 COVID-19 cases have been reported in the United States as of January 19, 2022.

Currently two variants, [Omicron](#) and [Delta](#), are classified as [Variants of Concern \(VOC\)](#) in the United States. CDC [Nowcast projections](#)* for the week ending January 15, 2022, predict the national proportion of Omicron to be 99.5% (95% PI 99.3–99.7%) and Delta to be 0.5% (95% PI 0.3–0.7%). Omicron is predicted to be greater than 96% in all HHS regions.

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

7-Day moving average



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68,671,563
Total Cases Reported

744,616
Current 7-Day Average**

783,922
Prior 7-Day Average

-5.0%
Change in 7-Day Average
since Prior Week

*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 the [Variant Proportions](#) page.

**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 410,175 historical cases reported retroactively, 57,497 were reported in the current week and none were reported in the prior week.

Vaccinations

The U.S. COVID-19 Vaccination Program began December 14, 2020. As of January 20, 2022, 531.9 million vaccine doses have been administered in the United States. Overall, about 250.0 million people, or 75.3% of the total U.S. population, have received at least one dose of vaccine. About 209.8 million people, or 63.2% of the total U.S. population, have been fully vaccinated.* About 82.5 million additional or booster doses in fully vaccinated people have been reported; however, 53.2% of the total booster-eligible population has not yet received a booster dose. As of January 20, 2022, the 7-day average number of administered vaccine doses reported (by date of CDC report) to CDC per day was 1,094,988, a 15.2% decrease from the previous week.

CDC's COVID Data Tracker [Vaccination Demographic Trends](#) tab shows vaccination trends by age group. As of January 20, 2022, 95.0% of people ages 65 years or older have received at least one dose of vaccine and 88.1% are fully vaccinated. For people ages 18 years or older, 87.2% have received at least one dose of vaccine and 73.7% are fully vaccinated. For people ages 12 years or older, 85.3% have received at least one dose of vaccine and 72.1% are fully vaccinated. For people ages 5 years or older, 80.1% have received at least one dose of vaccine and 67.2% are fully vaccinated.

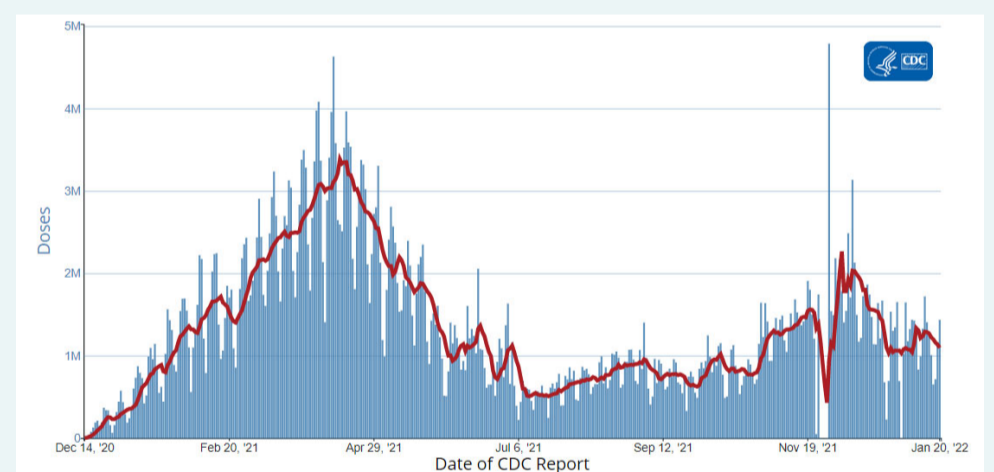
531,864,871
Vaccines Administered

250,028,635

209,842,610

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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People who received at least one dose

75.3%
Percentage of the U.S. population that has received at least one dose

+0.8
Percentage point increase from last week

People who are fully vaccinated*

63.2%
Percentage of the U.S. population that has been fully vaccinated*

+0.5
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 January 12–18, 2022, was 20,990. This is a 1.1% increase from the prior 7-day average (20,757) from January 5–11, 2022.

4,066,990
Total New Admissions

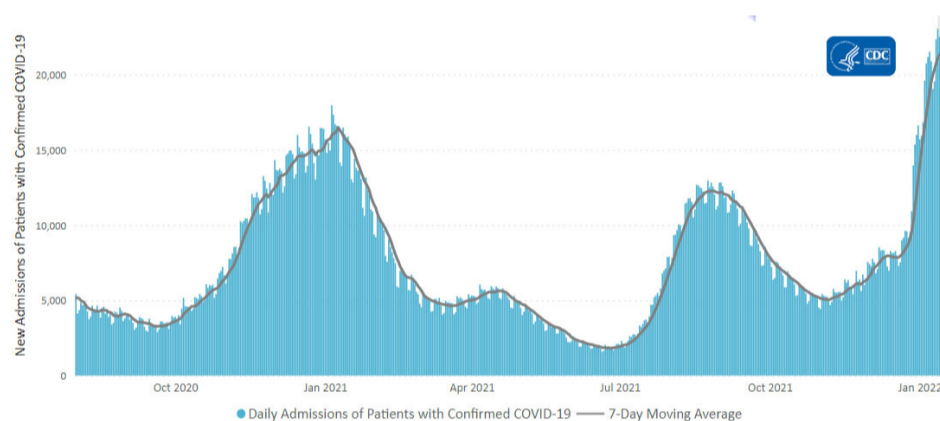
20,990
Current 7-Day Average

20,757
Prior 7-Day Average

+1.1%
Change in 7-Day Average

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

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



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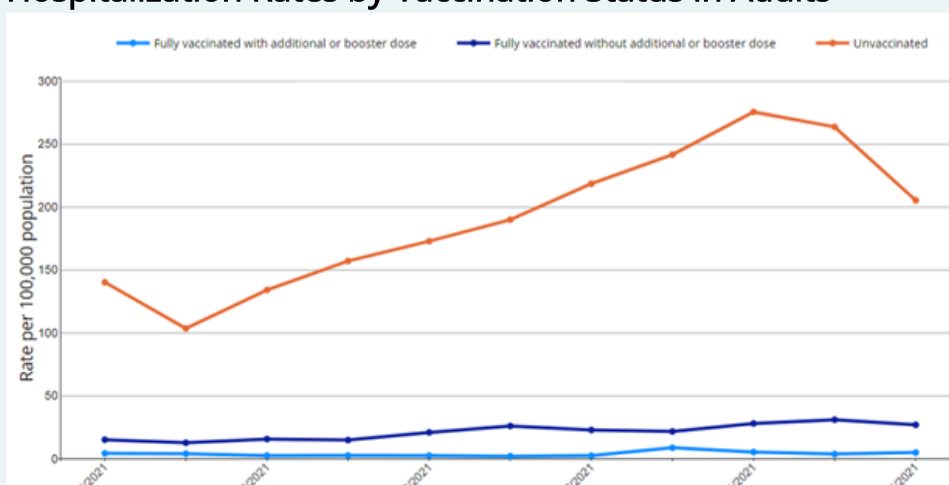
New admissions are pulled from a 10 am EST snapshot of the HHS Unified Hospital Timeseries Dataset. Due to potential reporting delays, data from the most recent 7 days, as noted in the figure above with the grey bar, should be interpreted with caution. Small shifts in historic data may also occur due 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](#)

COVID-NET: Hospitalization Rates by Vaccination Status in Adults

CDC's [Coronavirus Disease 2019-Associated Hospitalization Surveillance Network \(COVID-NET\)](#) shows that rates of COVID-19-associated hospitalizations in December 2021 were markedly higher in unvaccinated adults compared to fully vaccinated adults who have received additional or booster doses of a COVID-19 vaccine. Among adults ages 50–64 years, the COVID-19-

Hospitalization Rates by Vaccination Status in Adults



associated hospitalization rate in December among unvaccinated persons was 44 times higher than among those who were fully vaccinated and received an additional or booster dose. Among adults ages 65 years and older, compared to persons who were fully vaccinated and received an additional or booster dose, rates of COVID-19-associated hospitalizations were 49 times higher among unvaccinated adults.

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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 collected with a [standardized case reporting form](#).

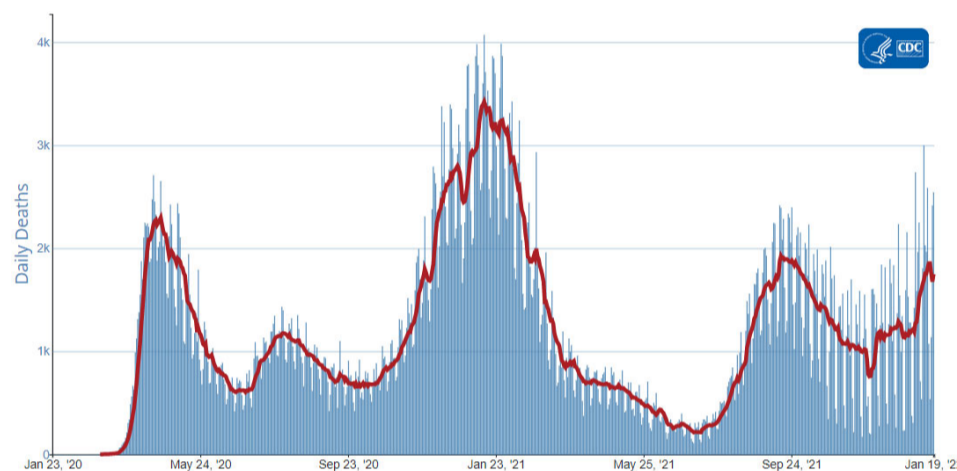
[More COVID-NET Data](#)

Deaths

The current 7-day moving average of new deaths (1,749) has decreased 0.3% compared with the previous 7-day moving average (1,754). As of January 19, 2022, a total of 856,288 COVID-19 deaths have been reported in the United States.

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

7-Day moving average



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856,288
Total Deaths Reported

1,749
Current 7-Day Average*

1,754
Prior 7-Day Average

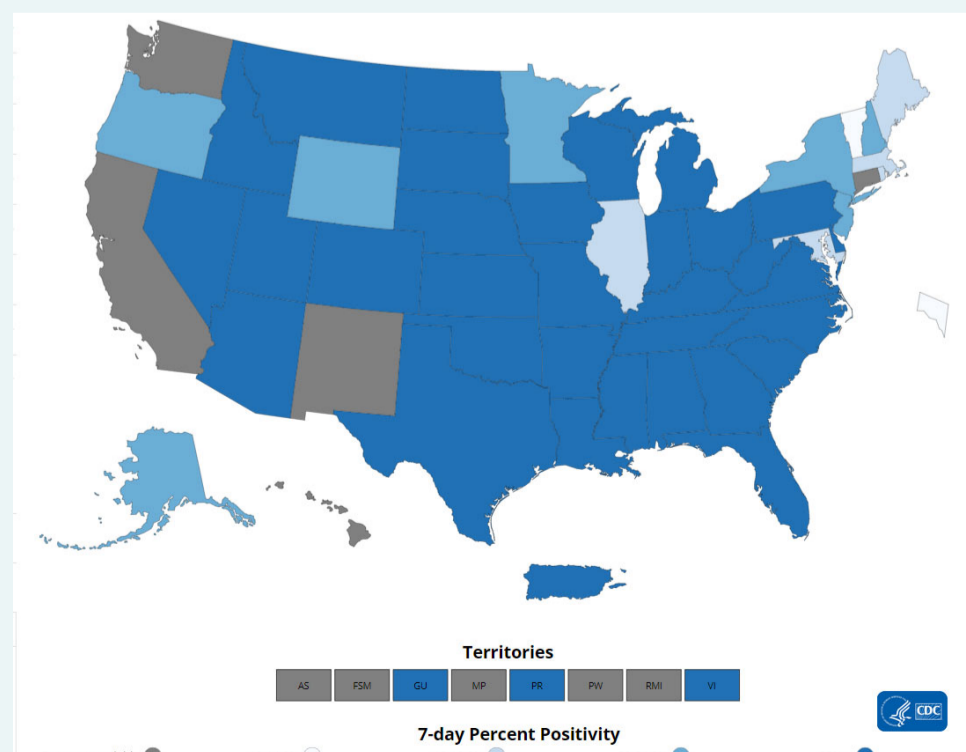
-0.3%
Change in 7-Day Average Since Prior Week

*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 19,981 historical deaths reported retroactively, 548 were reported in the current week; and 418 were reported in the prior week.

Testing

The percentage of COVID-19 NAATs ([nucleic acid amplification tests](#))* that are positive ([percent positivity](#)) is decreasing in comparison to the previous week. The 7-day average of percent positivity from NAATs is now 27.2%. The 7-day average number of tests reported for January 7 – January 13, 2022, was 2,176,938, down 1.4% from 2,207,754 for the prior 7 days.

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



756,536,186
Total Tests Reported

2,176,938 **27.2%**
7-Day Average Tests 7-Day Average %

Reported

Positivity

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28.9%

Previous 7-Day Average
% Positivity

-1.73

Percentage point
change in 7-Day
Average % Positivity
since Prior Week

[More Testing Data](#)

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

References

1. Effectiveness of a Third Dose of mRNA Vaccines Against COVID-19–Associated Emergency Department and Urgent Care Encounters and Hospitalizations Among Adults During Periods of Delta and Omicron Variant Predominance — VISION Network, 10 States, August 2021–January 2022
2. COVID-19 Incidence and Death Rates Among Unvaccinated and Fully Vaccinated Adults with and Without Booster Doses During Periods of Delta and Omicron Variant Emergence — 25 U.S. Jurisdictions, April 4–December 25, 2021
3. Association between three doses of mRNA COVID-19 vaccine and symptomatic infection caused by the SARS-CoV-2 Omicron and Delta variants, JAMA [↗](#)