



COVID-19

— COVID DATA TRACKER WEEKLY REVIEW —

[Print](#)

Interpretive Summary for **October 14, 2022**

[Subscribe to the Weekly Review](#)

A Spooky— and Safe— Halloween

It's time to pick out your costume and get ready to celebrate Halloween! Over the past two-plus years, we've learned new ways to enjoy pandemic holidays, and "outside is always safer" has been the mantra for these holiday gatherings. Luckily, that's easy to do on Halloween, because trick-or-treating generally involves plenty of outdoor time. But that doesn't mean it's totally risk-free. Here are some more tips for staying COVID-safe this Halloween.

- **Stay home if you're sick.** Skip the Halloween party if you aren't feeling well.
- **Get tested** if you have COVID-19 [symptoms](#).
- **Take precautions** in crowded or indoor events as informed by your county's [COVID-19 Community Level](#), like wearing a high-quality mask (and Halloween masks don't count). Consider making the mask part of the costume—like a doctor, nurse, ninja, or cowboy.



- **If you're hosting celebrations**, review options for [improving ventilation in your home](#). This can help you reduce virus particles in your home and keep COVID-19 from spreading.
- **Keep your hands clean**. If you're out trick-or-treating, bring hand sanitizer. If you're giving out candy, wash your hands frequently.

And of course, the best way to [protect yourself and others](#) from severe illness from COVID-19 on Halloween (and every day) is to stay up to date on your COVID-19 vaccinations! Use [this tool](#) to find out when you can get a booster.

Note to Readers: On October 12, 2022, CDC [recommended](#) updated (bivalent) COVID-19 boosters for children ages 5 years and older in the United States, making the updated boosters available to millions of children in this age group.

What's New

- [Adverse Childhood Experiences During the COVID-19 Pandemic and Associations with Poor Mental Health and Suicidal Behaviors Among High School Students — Adolescent Behaviors and Experiences Survey, United States, January–June 2021](#)

COVID-19 Community Levels*

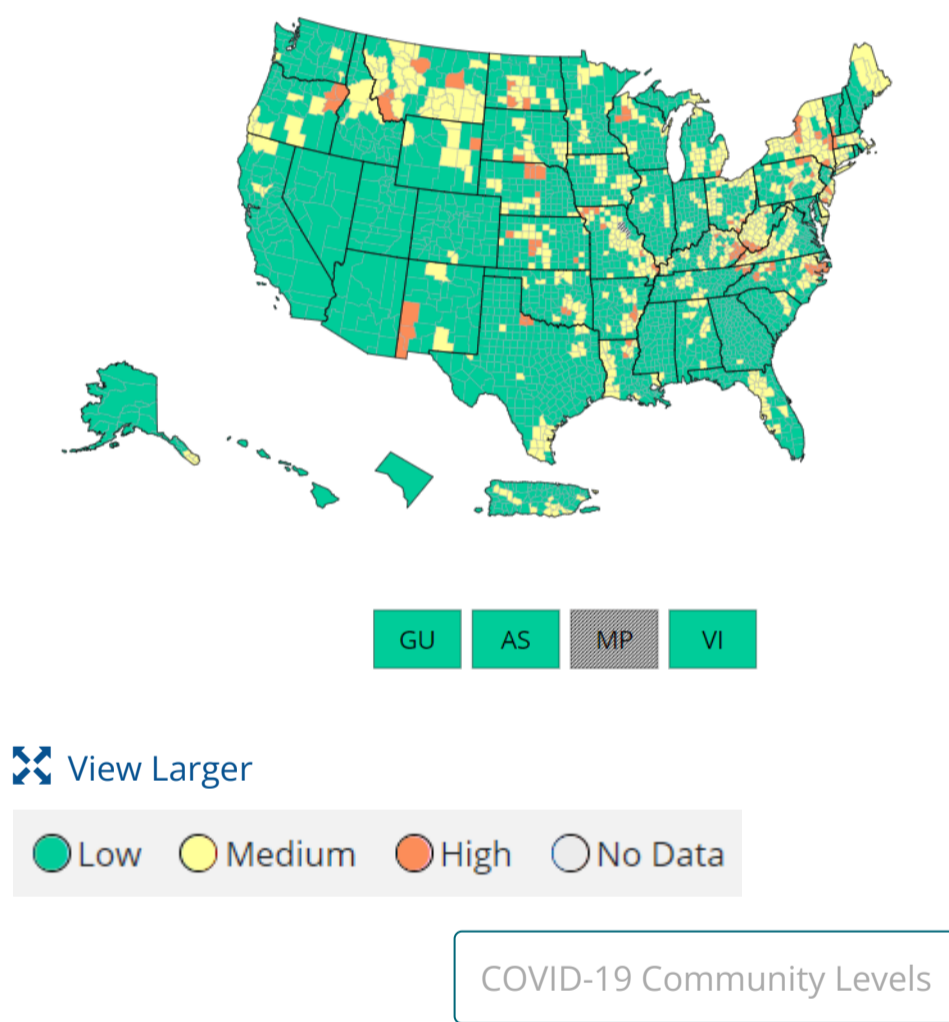
As of October 13, 2022, there are 67 (2.1%) counties, districts, or territories with a high COVID-19 Community Level, 583 (18.1%) counties with a medium Community Level, and 2,567 (79.7%) counties with a low Community Level. Compared with last week, this represents a minor decrease (-0.8 percentage points) in the number of high-level counties, a moderate decrease (-2.2 percentage points) in the number of medium-level counties, and a moderate increase (+3.0 percentage points) in the number of low-level counties. Overall, 45 out of 52 jurisdictions** had high- or medium-level counties this week. Arizona, the District of Columbia, Hawaii, Nevada, New Mexico, South Carolina, and Utah are the only jurisdictions to have all counties at low Community Levels.

To check your COVID-19 Community Level, visit [COVID Data Tracker](#). To learn which prevention measures are recommended based on your COVID-19 Community Level, visit [COVID-19 Community Level and COVID-19 Prevention](#).

*CDC recommends use of [COVID-19 Community Levels](#) to determine the impact of COVID-19 on communities and to take [action](#). CDC also provides [Community Transmission Levels](#) to describe the amount of COVID-19 spread within each county. Healthcare facilities use Community Transmission Levels to determine [infection control](#) interventions.

**Includes the 50 states, the District of Columbia, and Puerto Rico.

U.S. COVID-19 Community Levels by County



Reported Cases

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

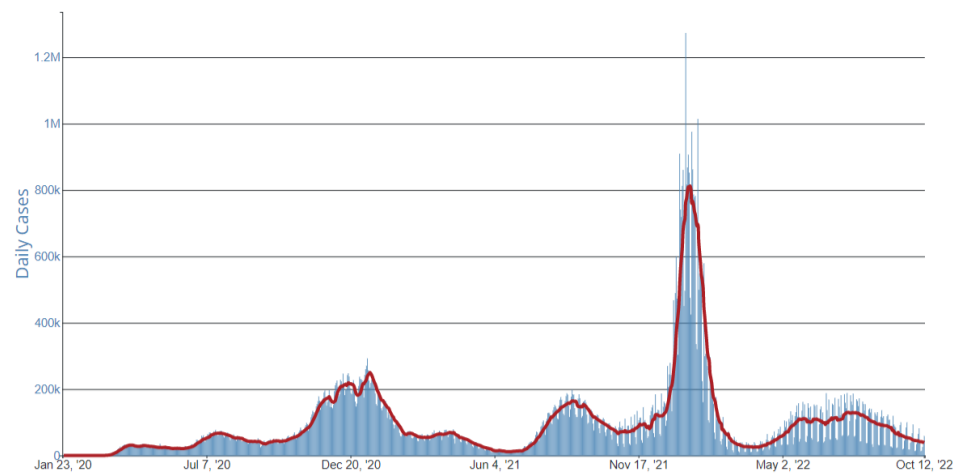
As of October 12, 2022, the current 7-day moving average of daily new cases (38,949) decreased 11.9% compared with the previous 7-day moving average (44,233). A total of 96,640,059 COVID-19 cases have been reported in the United States as of October 12, 2022.

Variant Proportions

CDC [Nowcast projections](#)* for the week ending October 1, 2022 estimate that the combined national proportion of lineages designated as Omicron will continue to be 100%. There are eight designated as Omicron: BA.5, BA.4.6, BQ.1.1, BQ.1, BF.7, BA2.75.2, BA.2.75, and BA.4. The predominant Omicron lineage is BA.5, projected to be 67.9% (95% PI 64.1-71.4%).

The national proportion of BA.4.6 is projected to be 12.2% (95% PI 11.1-13.4%), BQ.1.1 is projected to be 5.7% (95% PI 3.5-9.1%), BQ.1 is projected to be 5.7% (95% PI 3.5-8.9%), BF.7 is projected to be 5.3% (95% PI 4.6-6.1%), BA.2.75.2 is projected to be 1.4% (95% PI 0.9-2.2%), BA.2.75 is projected to be 1.3% (95% PI 1.0-1.6%), and BA.4 is projected to be 0.6% (95% PI 0.5-0.6%). See [COVID Data Tracker](#) for current data.

7-Day moving average



[View Larger](#)

[More Case Data](#)

96,640,059	38,949
Total Cases Reported	Current 7-Day Average**
44,233	-11.9%
Previous 7-Day Average	Change in 7-Day Average since Previous Week

*CDC uses Nowcast projections to predict current variant proportions circulating in the United States. 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. 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 670,655 historical cases reported retroactively, none were reported in the current week and none were reported in the prior week.

Vaccinations

COVID-19 Vaccine Primary Series

As of October 12, 2022, 627.9 million vaccine doses have been administered in the United States. Overall, about 265.1 million people, or 79.9% of the total U.S.

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

7-Day moving average

population, have received at least one dose of vaccine. About 226.2 million people, or 68.1% of the total U.S. population, have completed a primary series.*

627,854,963

Vaccine Doses Administered

265,111,489

People who received at least one dose (79.5% of the U.S. population)

+0.2

Percentage point change from last week

226,200,755

People who are fully vaccinated* (67.9% of the U.S. population)

+0.1

Percentage point change 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-BioNTech, Moderna, or Novavax vaccines) or one dose of the single-shot Johnson & Johnson's Janssen vaccine.

COVID-19 Vaccine Boosters

Of those who have completed a primary series, about 110.8 million people have received a booster dose,* and more than 14.78 million people have received an updated (bivalent) booster dose. But 49.6% of the total booster-eligible population has not yet received a booster dose. Booster dose eligibility varies by age and health condition. [Learn more](#) about who is eligible.

140,398,659

Booster Doses Administered

110,831,519

Population ≥ 5 Years of Age with a 1st booster dose*

49.1%

Percentage of the Population ≥ 5 Years of Age with a 1st booster dose

+0.0

Percentage point change from last week

25,623,483

Population ≥ 50 Years of Age with a 2nd booster dose**

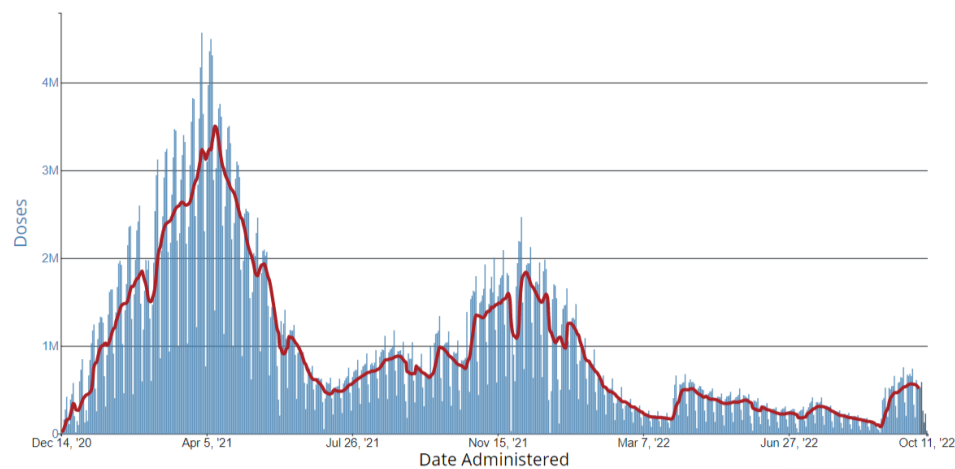
39.0%

Percentage of the Population ≥ 50 Years of Age with a 2nd booster dose

+1.1

Percentage point change from last week

*Represents the number of people who have completed a primary series and have received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received their first additional dose or booster dose.

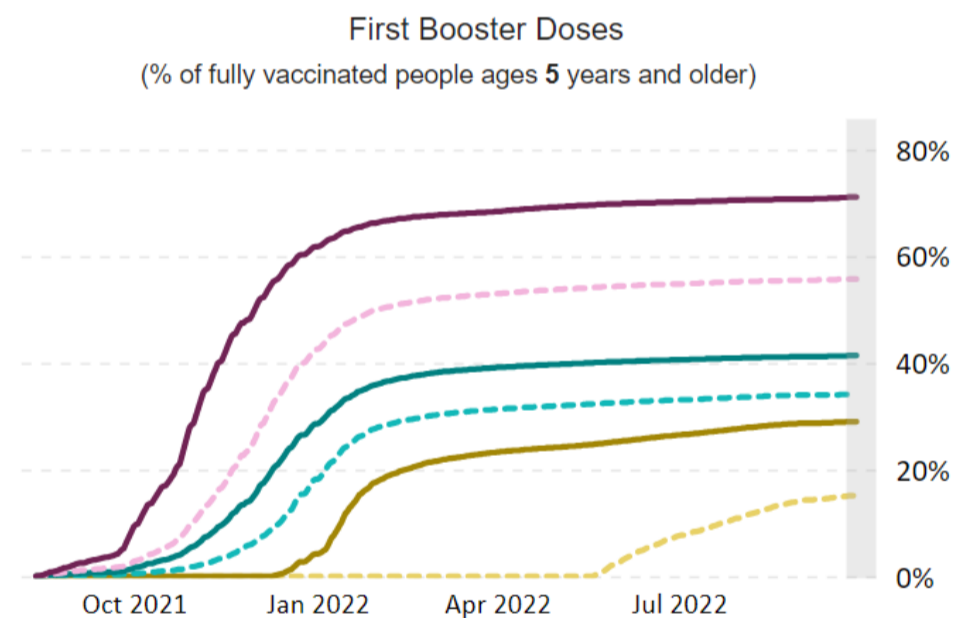


[View Larger](#)

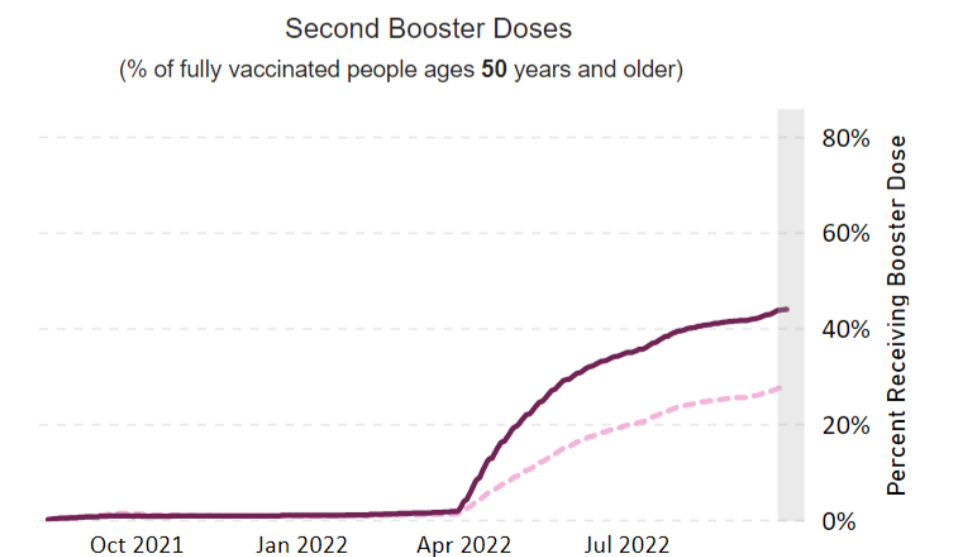
[More Vaccination Data](#)

COVID-19 Booster Dose Administration, United States

5-11 yrs 12-17 yrs 18-24 yrs 25-49 yrs 50-64 yrs +65 yrs



[View Larger](#)



[View Larger](#)

[More Vaccination Data](#)

**Represents the number of people who have completed a primary series and have received two subsequent doses of COVID-19 vaccine since August 13, 2021. This includes people who received two booster doses and people who received one additional dose and one booster dose.

Hospitalizations

New Hospital Admissions

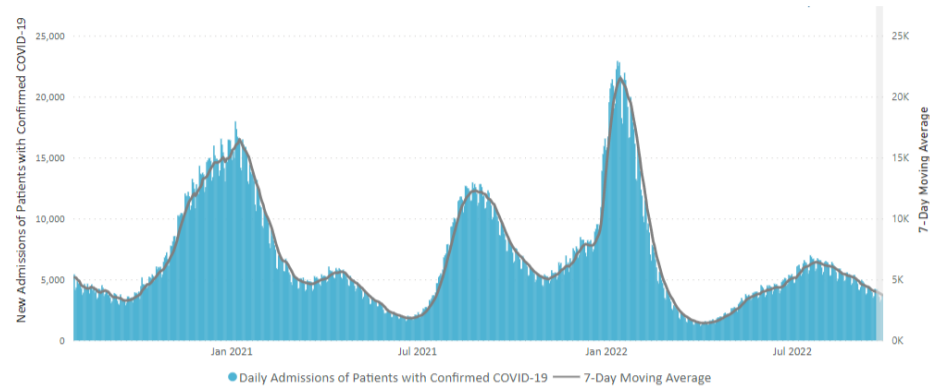
The current 7-day daily average for October 5–11, 2022, was 3,268. This is a 4.4% decrease from the prior 7-day average (3,419) from September 28–October 4, 2022.

5,400,083	3,268
Total New Admissions	Current 7-Day Average

3,419	-4.4%
Prior 7-Day Average	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



[View Larger](#)

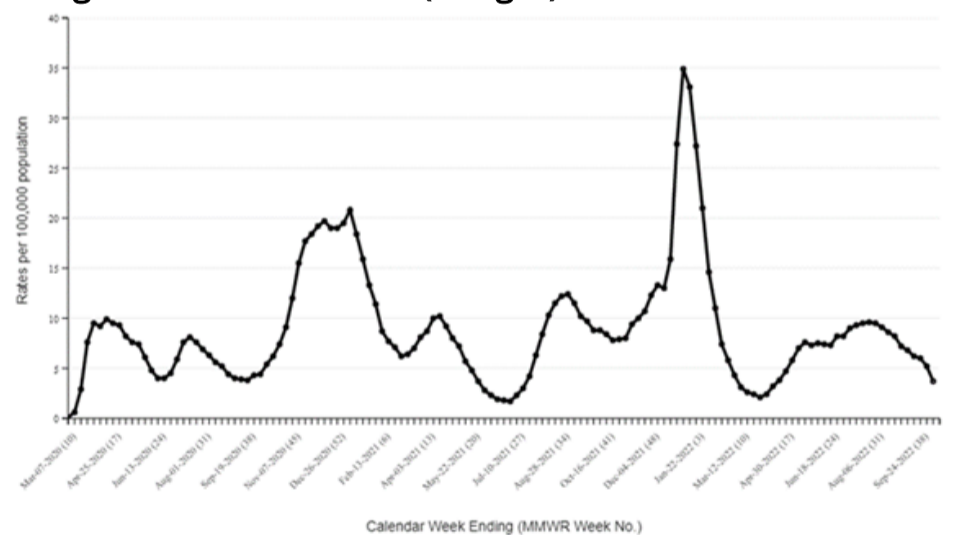
New admissions are pulled from a 10 am EDT snapshot of the HHS Unified Hospital Data – Analytic Dataset. Due to potential reporting delays, data from the most recent 7 days, as noted in the figure above with the grey bar, should be interpreted with caution. Small shifts in historic data may also occur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

[More Hospital Data](#)

COVID-NET: Hospitalization Rates among Adults and Children (All Ages)

CDC’s [Coronavirus Disease 2019-Associated Hospitalization Surveillance Network \(COVID-NET\)](#) shows that COVID-19-associated hospitalizations continue to decline. Hospitalization rates among people of all ages declined from a recent peak of 9.6 per 100,000 population for the week ending July 30, 2022 to 6.0 for the week ending September 24, 2022.

Weekly Rates of COVID-19-Associated Hospitalizations among Adults and Children (all ages)



[View Larger](#)

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 using a standardized case reporting form](#).

[More COVID-NET Data](#)

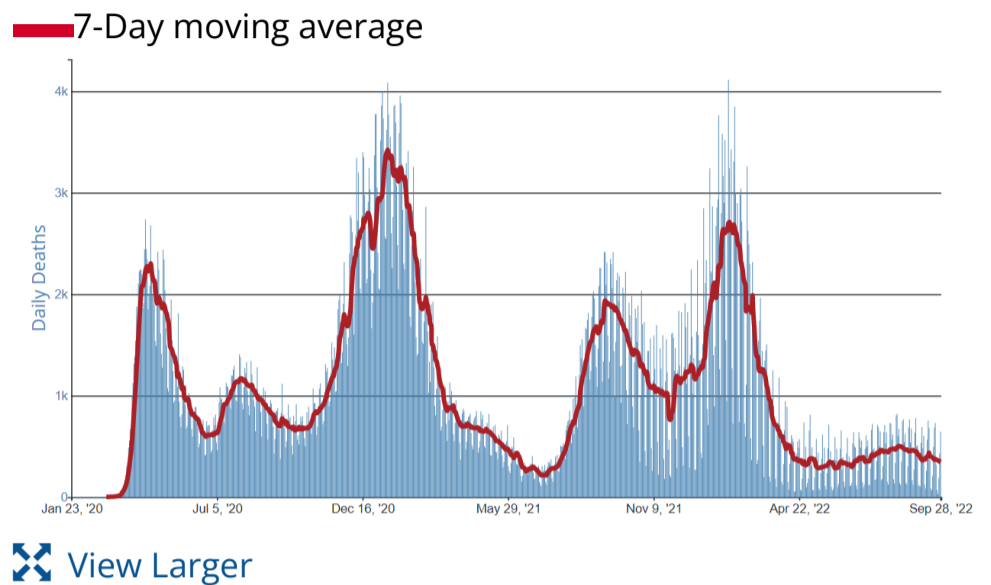
Deaths

The current 7-day moving average of new deaths (328) decreased 8.5% compared with the previous 7-day moving average (359). As of October 12, 2022, a total of 1,058,692 COVID-19 deaths have been reported in the United States.

1,058,692 Total Deaths Reported	328 Current 7-Day Average*
359 Prior 7-Day Average	-8.5% 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 22,299 historical deaths reported retroactively, none were reported in the current week; and 27 were reported in the prior week.

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



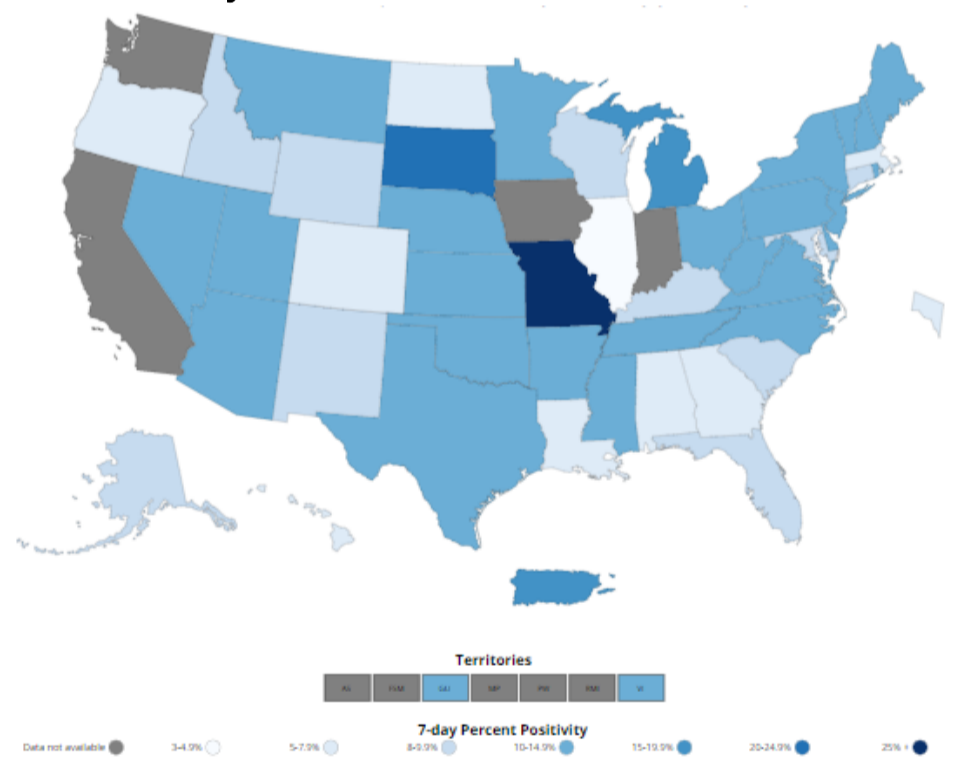
[More Death Data](#)

Testing

The percentage of COVID-19 NAATs (nucleic acid amplification tests)* that are positive is increasing in comparison to the previous week. The 7-day average of percent positivity from NAATs is now 8.8%. The 7-day average number of tests reported for September 30–October 6, 2022, was 352,558, down 18.6% from 432,888 for the prior 7 days.

967,890,195 Total Tests Reported	8.8% 7-Day Average % Positivity
352,558 7-Day Average Tests Reported	+0.47 Percentage point change in 7-Day Average % Positivity since Prior Week
8.3% Previous 7-Day Average % Positivity	

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



[More Testing Data](#)

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

Wastewater Surveillance

SARS-CoV-2 Levels in Wastewater by Site

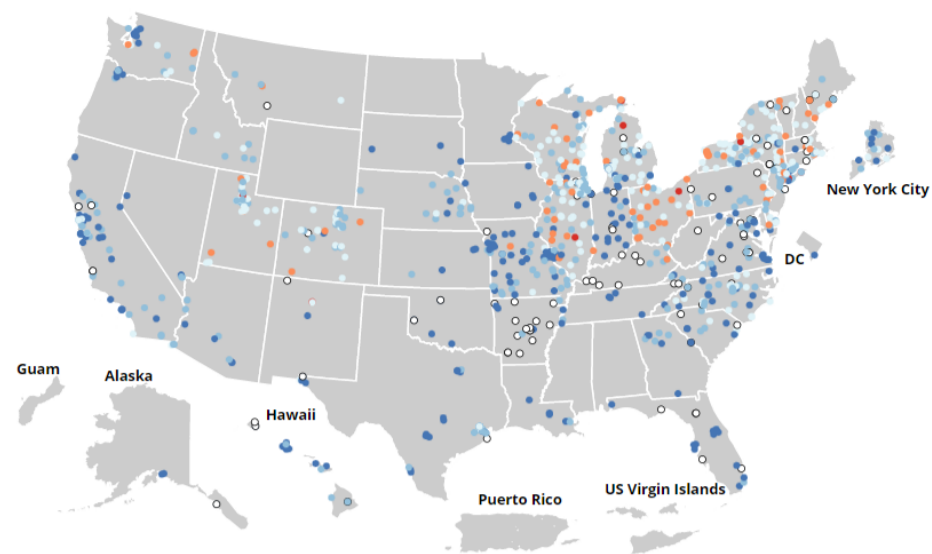
COVID Data Tracker's [Wastewater Surveillance](#) tab tracks levels, changes, and detections of SARS-CoV-2* viral RNA in wastewater at over 1,250 testing sites across the country.

Currently, about 35% of the country is reporting moderate to high SARS-CoV-2 levels in wastewater. About 16% of sites reporting wastewater data are currently seeing some of the highest levels for those sites since December 1, 2021. About 53% of sites are experiencing a decrease in SARS-CoV-2 levels, and about 41% are reporting an increase. It's important to note that even a small increase when levels are low can appear like a dramatic increase in the percent change.

For more information on how to use wastewater data, visit [CDC's website](#).

*The virus that causes COVID-19

Last Updated Oct. 14, 2022



[View Larger](#)

○ New site ● 0% to 19% ● 20% to 39% ● 40% to 59% ● 60% to 79% ● 80% to 100% ● No recent data

0% denotes that levels are the lowest they have been at the site; 100% denotes that levels are the highest they have been at the site.

[More Wastewater Data](#)