



— COVID DATA TRACKER WEEKLY REVIEW —

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Interpretive Summary for July 22, 2022

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Cases Rising: Get Boosted

This week, COVID-19 [cases](#), [deaths](#), and [hospitalizations](#) are on the rise in the United States, driving [COVID-19 Community Levels](#) up to medium or high in 75% of counties. Omicron BA.5 is the predominant variant, causing an estimated 78% of cases. BA.5 has fueled the rapid rise in cases since June, suggesting that it spreads more easily than previous Omicron lineages.

According to CDC's [COVID Data Tracker](#), only about 34% of people who are eligible for a [COVID-19 booster](#) and about 29% of people ages 50 years and older who are eligible for a second booster have gotten one. Booster

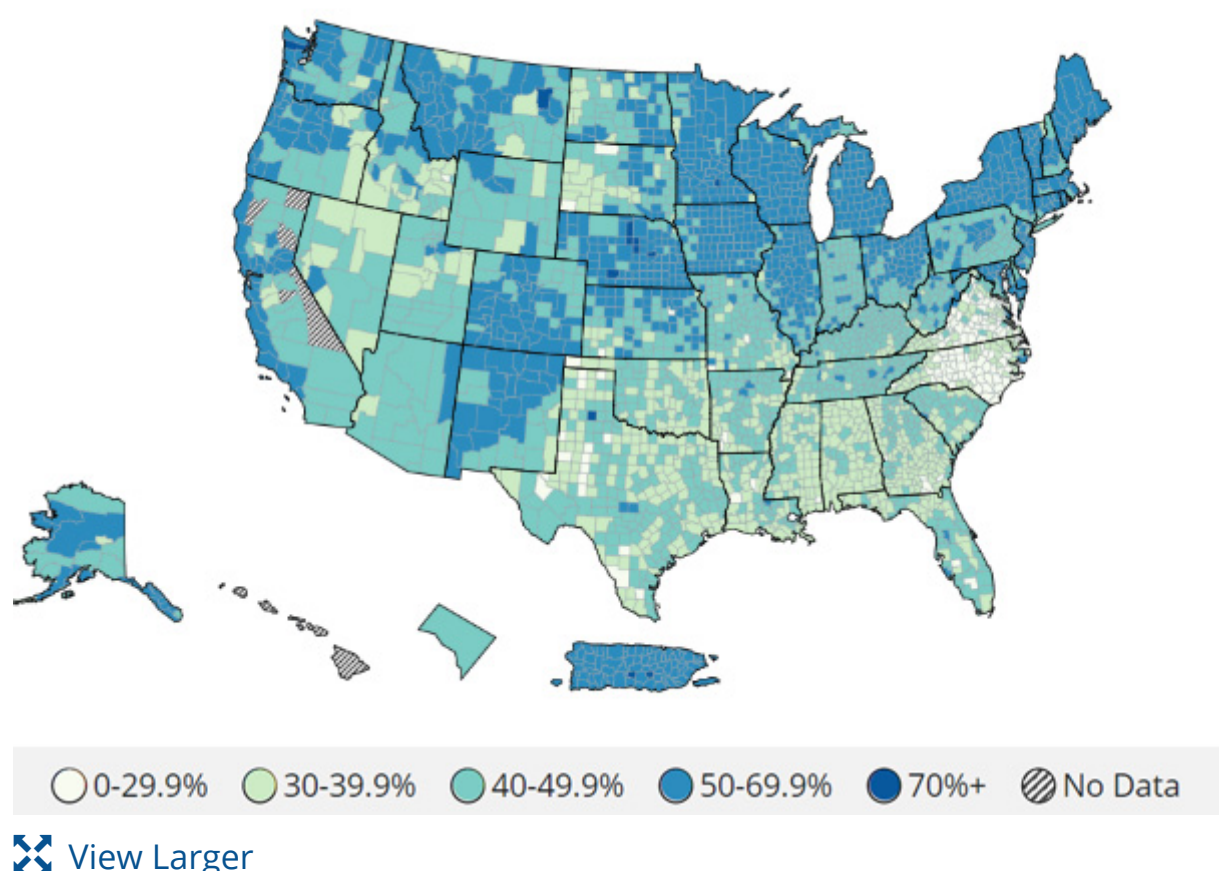
vaccination rates vary widely across the United States. In the Northeast and parts of the Midwest, 50% to 70% of eligible people have gotten a first booster in almost every county. Unfortunately, much of the Southeast and Southwest are in the 30% to 40% range. This means millions of people are not fully protected because they are not [up to date](#) on their COVID-19 vaccines. Both the rise in cases and the gradual decrease in vaccine protection since your last shot make it an especially important time to get up to date on COVID-19 vaccines.

Our communities are safest when we work together to [protect everyone](#). If you live in an area with low vaccine coverage, you can help by encouraging others to get up to date on their COVID-19 vaccines. You can use the following resources to:

- [Talk About COVID-19 Vaccines With Friends and Family](#) [↗](#).
- Address [Myths and Facts about COVID-19 Vaccines](#) with someone who has fears or concerns about COVID-19 vaccines.
- Point people to [vaccines.gov](#) if they still need a primary series vaccine or a booster.

What's New

- The [Nationwide Commercial Lab Pediatric Antibody Seroprevalence](#) tab provides estimates of the U.S. pediatric population (ages 6 months to 17 years) with evidence of antibodies from at least one resolving or past infection with SARS-CoV-2, the virus that causes COVID-19.



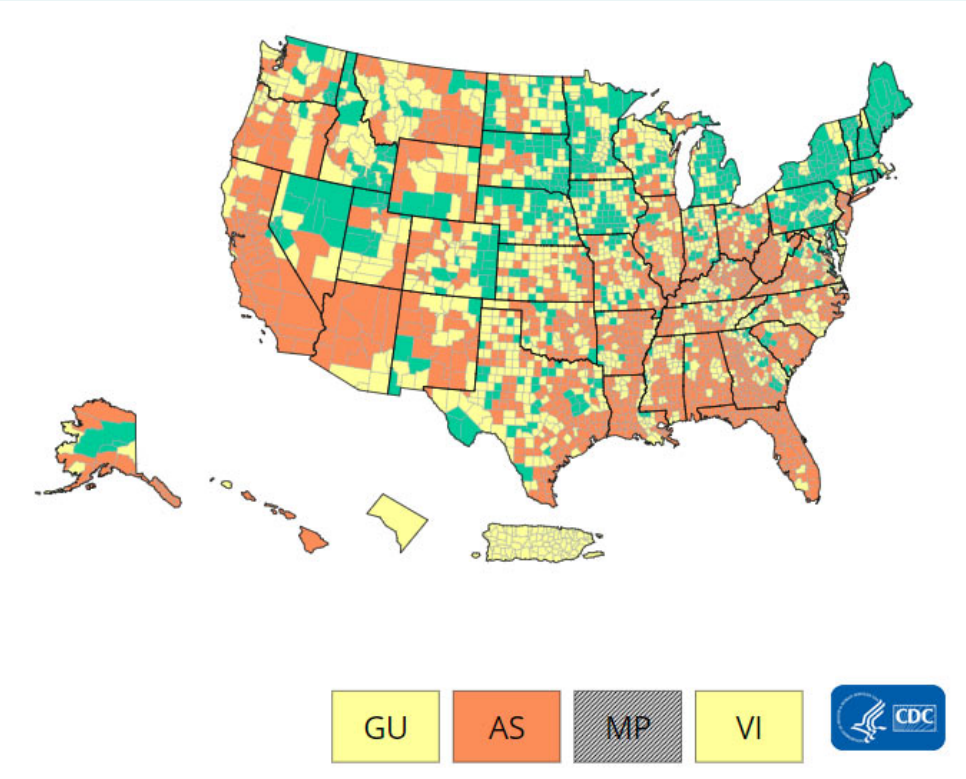
COVID-19 Community Levels

As of July 21, 2022, there are 1,350 (41.9%) counties, districts, or territories with a high COVID-19 Community Level, 1,212 (37.6%) counties with a medium Community Level, and 658 (20.4%) counties with a low Community Level. Compared with last week, this represents an increase (+6.5 percentage points) in the number of high-level counties, a decrease (−2.0) percentage points) in the number of medium-level counties, and a corresponding decrease (−4.5) percentage points) in the number of low-level counties. 50 out of 52 jurisdictions* had high- or medium-level counties this week. Rhode Island and Maine 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](#).

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

U.S. COVID-19 Community Levels by County



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Low Medium High No Data

COVID-19 Community Levels

Reported Cases

As of July 20, 2022, the current 7-day moving average of daily new cases (125,827) increased 0.5% compared with the previous 7-day moving average (125,185). A total of 89,824,190 COVID-19 cases have been reported in the United States as of July 20, 2022.

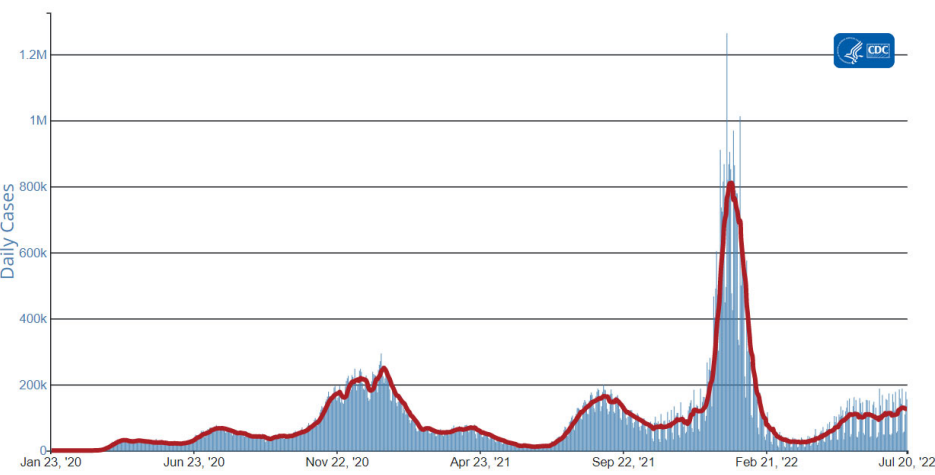
Variant Proportions

CDC [Nowcast projections](#)* for the week ending July 16, 2022, estimate that the combined national proportion of lineages designated as Omicron will continue to be 100% with the predominant Omicron lineage being BA.5, projected at 77.9% (95% PI 75.8-79.9%).

There are several lineages of Omicron and within each are multiple sublineages. The national proportion of BA.4 is projected to be 12.8% (95% PI 11.3-14.4%), BA.2.12.1 is projected to be 8.6% (95% PI 7.8-9.5%), and BA.2 is projected to be 0.6% (95% PI 0.6-0.7%). See [COVID Data Tracker](#) for current data.

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

7-Day moving average



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More Case Data

89,824,190
Total Cases Reported

125,185
Prior 7-Day Average

125,827
Current 7-Day Average**

0.5%
Change in 7-Day Average

Prior 7-Day Average

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 536,352 historical cases reported retroactively, none 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 July 20, 2022, 601.5 million vaccine doses have been administered in the United States. Overall, about 261.2 million people, or 78.7% of the total U.S. population, have received at least one dose of vaccine. About 223.0 million people, or 67.2% of the total U.S. population, have been fully vaccinated.* Of those fully vaccinated, about 107.5 million people have received a booster dose,** but 50.2% of the total booster-eligible population has not yet received a booster dose.

CDC’s COVID Data Tracker displays vaccination trends by age group, race/ethnicity, and urban/rural status. To see trends by age group and race/ethnicity, visit the [Vaccination Demographic Trends](#) tab. To see trends by urban/rural status, visit the [COVID-19 Vaccination Equity](#) tab.

601,497,801
Vaccine Doses Administered

261,204,035
People who received at least one dose

222,950,194
People who are fully vaccinated*

78.7%
Percentage of the U.S. population that has received at least one dose

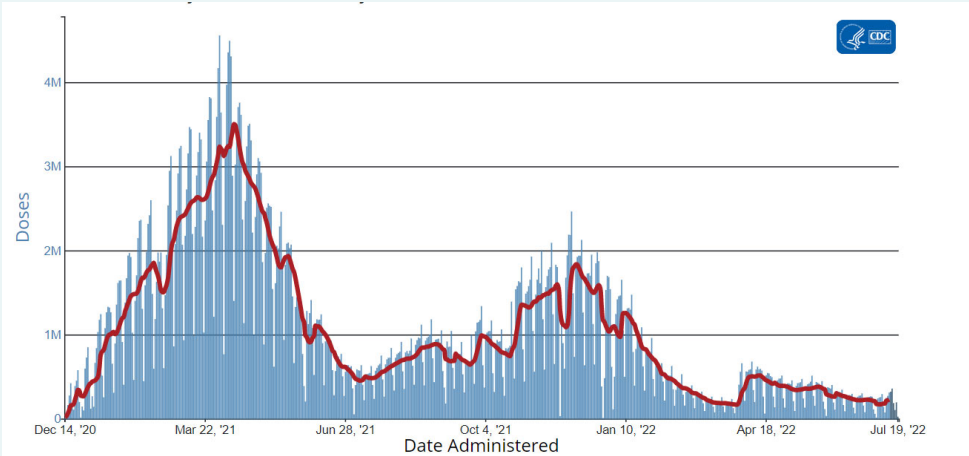
67.2%
Percentage of the U.S. population that has been fully vaccinated*

+0.2
Percentage point increase from last week

+0.1
Percentage point change from last week

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

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

**Represents the number of people who are fully vaccinated 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.

Hospitalizations

New Hospital Admissions

The current 7-day daily average for July 13–19, 2022, was 6,180. This is a 4.7% increase from the prior 7-day average (5,902) from July 6–12, 2022.

4,991,074
Total New Admissions

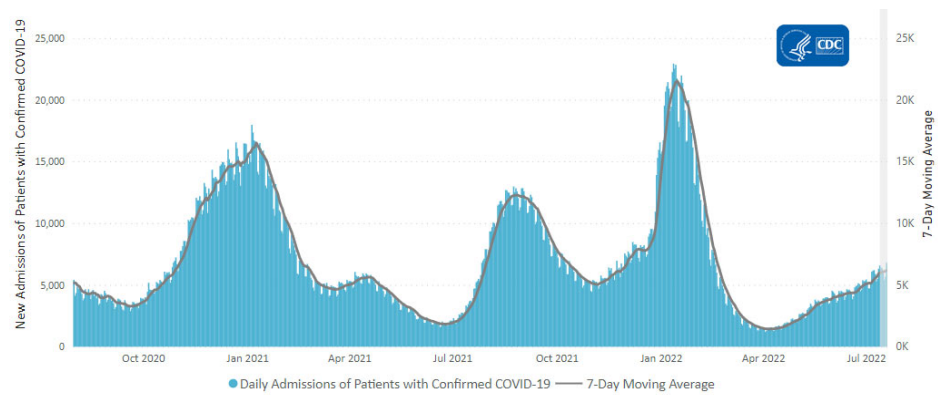
6,180
Current 7-Day Average

5,902
Prior 7-Day Average

+4.7%
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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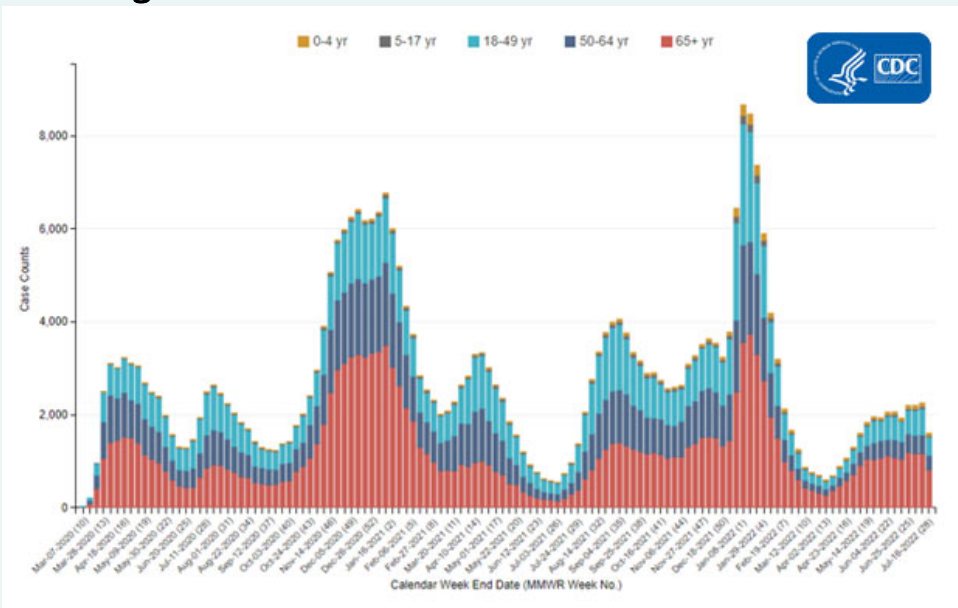
New admissions are pulled from a 10 am EDT snapshot of the HHS Unified Hospital Data – Analytic Dataset. Due to potential reporting delays, data from the most recent 7 days, as noted in the figure above with the grey bar, should be interpreted with caution. Small shifts in historic data may also occur 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: Trends in Hospitalizations among Adults Ages ≥65 Years

CDC's [Coronavirus Disease 2019-Associated Hospitalization Surveillance Network \(COVID-NET\)](#) shows that since the start of the pandemic, adults ages 65 years and older have often accounted for the largest percentage of COVID-19-associated hospitalizations. Beginning in April 2022, the proportion of cases in older adults began to increase. From April 7 through July 16, 2022, adults ages 65 years and older have accounted for more than half of all COVID-19-associated hospitalizations, peaking at 57.2% of all hospitalizations for the week ending May 7.

Trends in COVID-19-Associated Hospitalizations among Adults Ages ≥65 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 [collected using a standardized case reporting form](#).

[More COVID-NET Data](#)

Deaths

The current 7-day moving average of new deaths (348) has decreased 9.5% compared with the previous 7-day moving average (384). As of July 20, 2022, a total of 1,021,048 COVID-19 deaths have been reported in the United States.

1,021,048
Total Deaths Reported

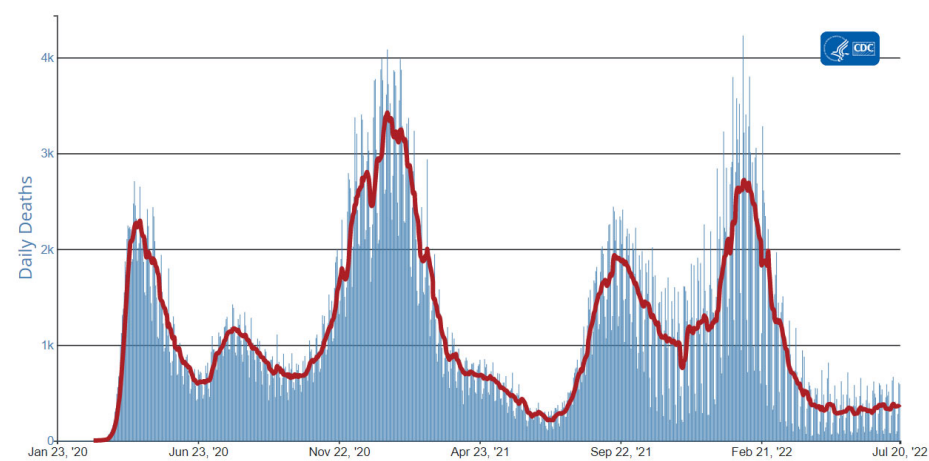
384
Prior 7-Day Average

348
Current 7-Day Average*

-9.5%
Change in 7-Day Average
Since 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](#)

*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 21,756 historical deaths reported retroactively, none were reported in the current week; and none 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 17.3%. The 7-day average number of tests reported for July 8–14, 2022, was 553,132, up 4.0% from 532,000 for the prior 7 days.

925,534,224
Total Tests Reported

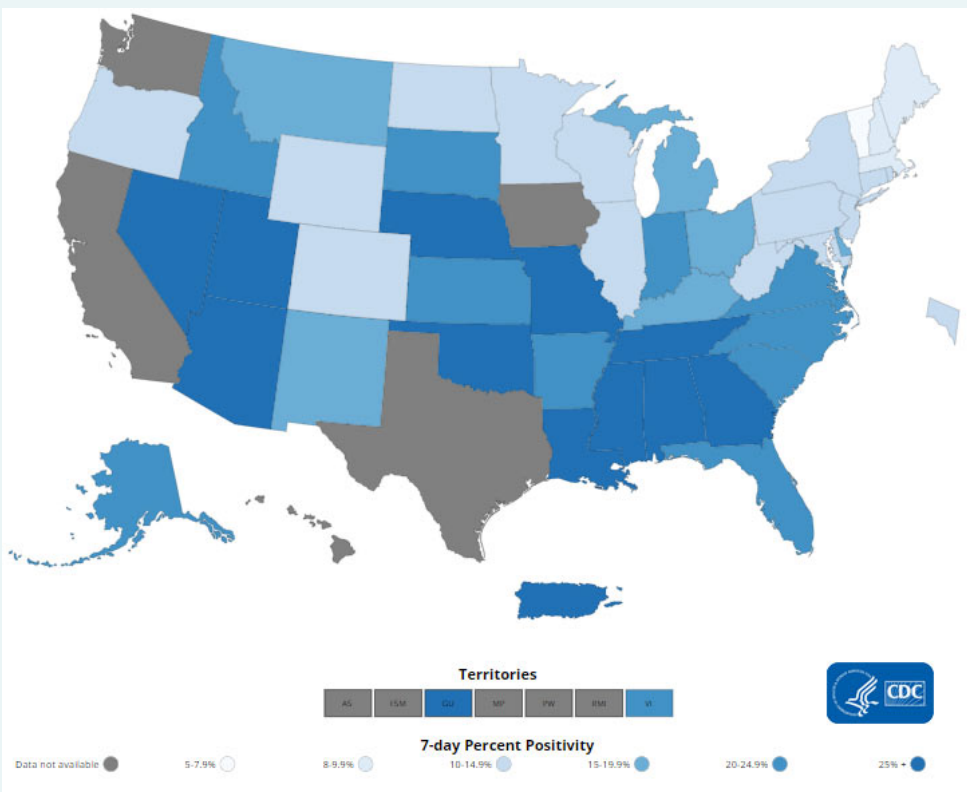
553,132
7-Day Average Tests
Reported

17.6%
Previous 7-Day Average

17.3%
7-Day Average %
Positivity

-0.30
Percentage point

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



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[More Testing Data](#)

% Positivity

change in 7-Day
Average % Positivity
since Prior Week

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

Wastewater Surveillance

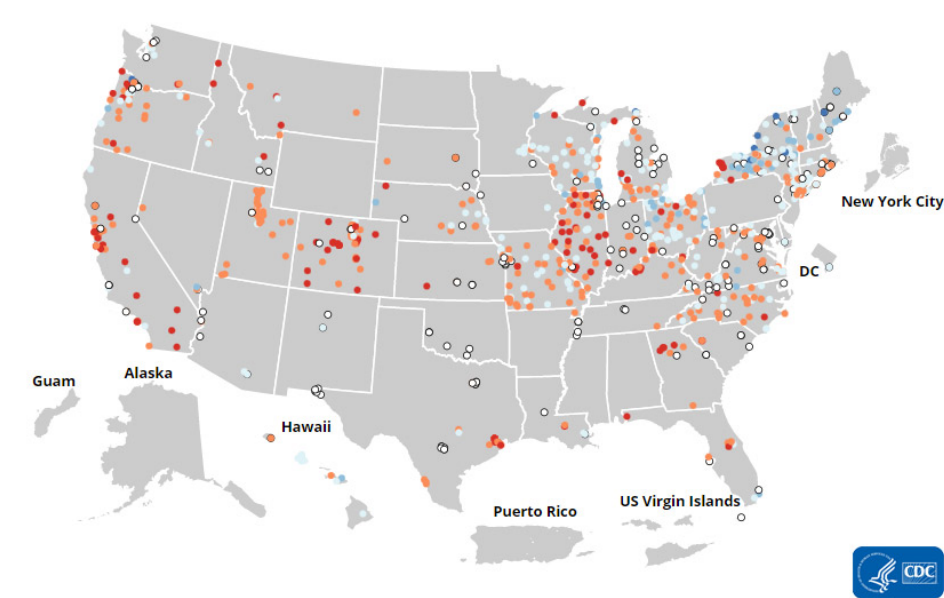
COVID Data Tracker’s [Wastewater Surveillance](#) tab tracks levels, changes, and detections of SARS-CoV-2* viral RNA in wastewater at over 1,000 testing sites across the country.

Currently, most of the country is reporting moderate to high SARS-CoV-2 levels in wastewater. Around 49% of sites are currently seeing some of the highest levels for those sites since December 1, 2021. About 48% of all sites reporting wastewater data are experiencing a decrease in SARS-CoV-2 levels, and about 43% 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

SARS-CoV-2 Levels in Wastewater by Site



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

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

[More Wastewater Data](#)

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