



## — COVID DATA TRACKER WEEKLY REVIEW —

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### Happy Campers

As we head into summer, many people are at much lower risk of serious illness, [hospitalization](#), and [death](#) from COVID-19 because of increased immunity through vaccination or previous infection. Almost 71% of the U.S. population ages 5 years and older has completed their primary [COVID-19 vaccine series](#), and [treatments](#) are widely available. While this is certainly good news, it is still important to [protect yourself and others](#) around you, including those who are at [increased risk](#) for severe illness.

CDC recently updated its [guidance](#) for K–12 schools and early care and education settings, which also applies to summer camps. Based on the [COVID-19 Community Levels](#), this guidance gives schools and camps the flexibility to adapt to their changing local situations. It

features a variety of strategies for keeping all kids safe, like promoting vaccination, offering [testing](#), ensuring proper [ventilation](#), and encouraging [hand hygiene](#) and [mask-wearing](#). The guidance also provides advice on what to do if an outbreak occurs, regardless of community level. If you're sending your kids to camp this summer, [ask the camp director](#) what steps they are taking to prevent COVID-19.

Make sure this summer is a safe one! Check your [COVID-19 Community Level](#) when planning activities, consider getting tested before you travel, and remember that being outdoors is safest. CDC recommends [COVID-19 vaccines](#), including [boosters](#), for everyone ages 5 years and older. Use [CDC's COVID-19 booster tool](#) to learn if and when you can get boosters to stay [up to date](#) and protected with your COVID-19 vaccines.

**Note to Readers:** Learn more about [COVID-19 vaccine recommendations](#) for people who are moderately or severely immunocompromised.

### What's New



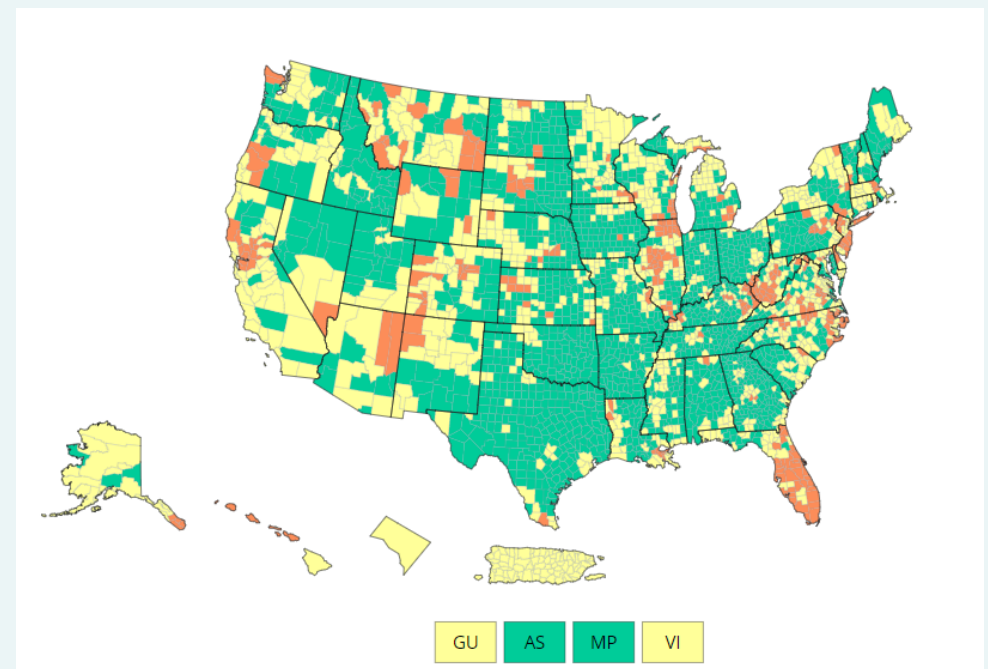
- The [Wastewater Surveillance](#) tab now includes a national stacked bar chart showing how much virus levels have changed (increased and decreased) over time at wastewater sites across the United States.
- [Ventilation Improvement Strategies Among K-12 Public Schools — The National School COVID-19 Prevention Study, United States, February 14–March 27, 2022](#)

## COVID-19 Community Levels

As of June 9, 2022, there are 314 (9.75%) counties, districts, or territories with a high COVID-19 Community Level, 1,052 (32.67%) counties with a medium Community Level, and 1,854 (57.58%) counties with a low Community Level. This represents a small (+2.20 percentage points) increase in the number of high-level counties, a moderate (+9.57 percentage points) increase in the number of medium-level counties, and a corresponding (−11.77 percentage points) decrease in the number of low-level counties. Fifty-two (100%) of 52 jurisdictions\* had high- or medium-level counties this week.

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](#).

### U.S. COVID-19 Community Levels by County



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● Low ● Medium ● High ○ No Data

COVID-19 Community Levels

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

## Reported Cases

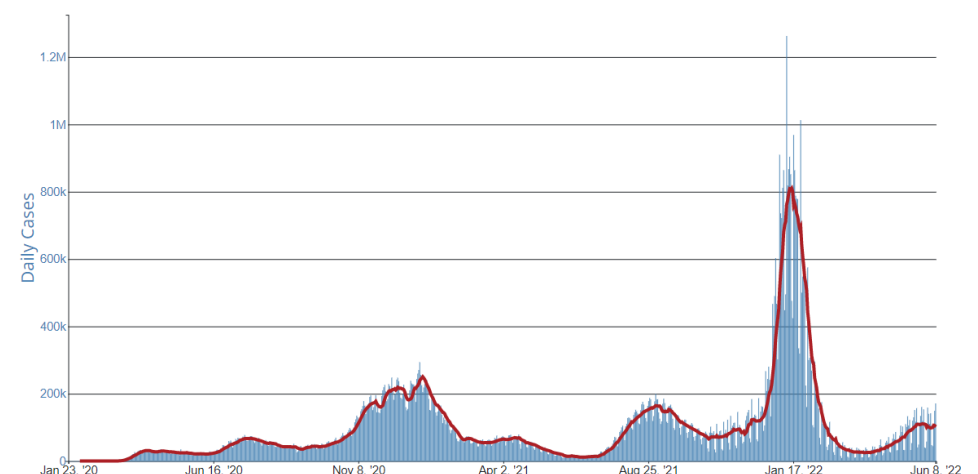
As of June 8, 2022, the current 7-day moving average of daily new cases (109,032) increased 8.0% compared with the previous 7-day moving average (100,916). A total of 85,084,715 COVID-19 cases have been reported in the United States as of June 8, 2022.

CDC [Nowcast projections](#)\* for the week ending June 4, 2022, estimate the combined national proportion of lineages designated as Omicron to be 100%. There are several lineages of Omicron (B.1.1.529, BA.1, BA.2, BA.3, BA.4, and BA.5), and within each are multiple sublineages. [COVID Data Tracker](#) shows the proportions of Omicron lineages grouped as follows: B.1.1.529 (includes BA.1 and BA.3), BA.1.1\*\*, BA.2, BA.2.12.1, BA.4, and BA.5. Previously, BA.4 and BA.5 were grouped with their parent lineage, BA.1.1.529, because the sublineages were circulating below 1%.

The predominant Omicron lineage in the United States is BA.2.12.1. The national proportion of BA.2.12.1 is projected to be 62.2% (95% PI 58.5-65.7%). The national proportion of BA.2 is projected to be 24.8% (95% PI 22.4-

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

— 7-Day moving average



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More Case Data

23.7%). BA.5 is projected to be 7.6% (95% PI 5.6-10.1%). BA.4 is projected to be 5.4% (95% PI 3.8-7.5%). Omicron is predicted to be 100% in all HHS regions.

85,084,715 Total Cases Reported	109,032 Current 7-Day Average***
100,916 Prior 7-Day Average	8.0% 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.

\*\*For national data, the proportion of BA.1.1 is shown separately. For regional data, the proportion of BA.1.1 is also aggregated with B.1.1.529.

\*\*\*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 533,664 historical cases reported retroactively, 4 were reported in the current week and none were reported in the prior week.

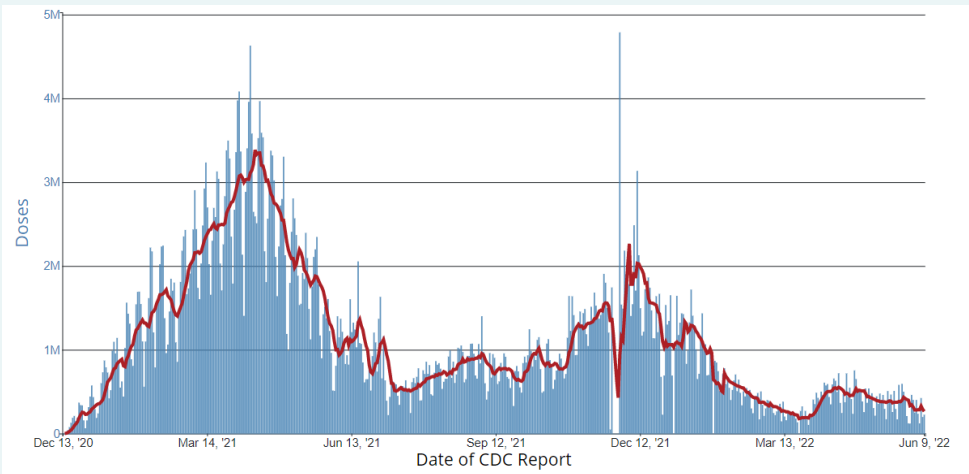
## Vaccinations

The U.S. COVID-19 Vaccination Program began December 14, 2020. As of June 8, 2022, 589.9 million vaccine doses have been administered in the United States. Overall, about 258.9 million people, or 78.0% of the total U.S. population, have received at least one dose of vaccine. About 221.6 million people, or 66.7% of the total U.S. population, have been fully vaccinated.\* Of those fully vaccinated, about 104.1 million people have received a booster dose,\*\* but 49.0% of the total booster-eligible population has not yet received a booster dose. As of June 8, 2022, the 7-day average number of administered vaccine doses reported (by date of CDC report) to CDC per day was 290,078, a 15.6% decrease from the previous week.

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.

### 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](#)

589,852,206

Vaccine Doses  
Administered

258,881,611

People who received at  
least one dose

221,567,092

People who are fully  
vaccinated\*

78.0%

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

66.7%

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

+0.1

Percentage point  
increase from last week

+0.0

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](#) 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 June 1–7, 2022, was 4,127. This is an 8.0% increase from the prior 7-day average (3,820) from May 25–31, 2022.

4,774,751

Total New Admissions

4,127

Current 7-Day Average

3,820

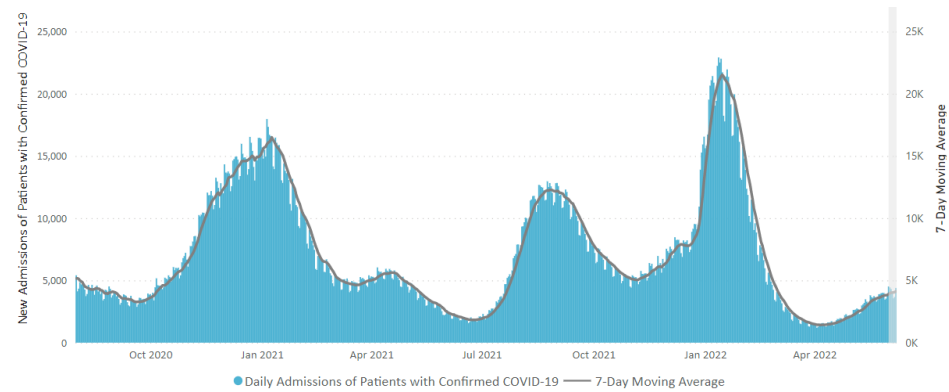
Prior 7-Day Average

+8.0%

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.

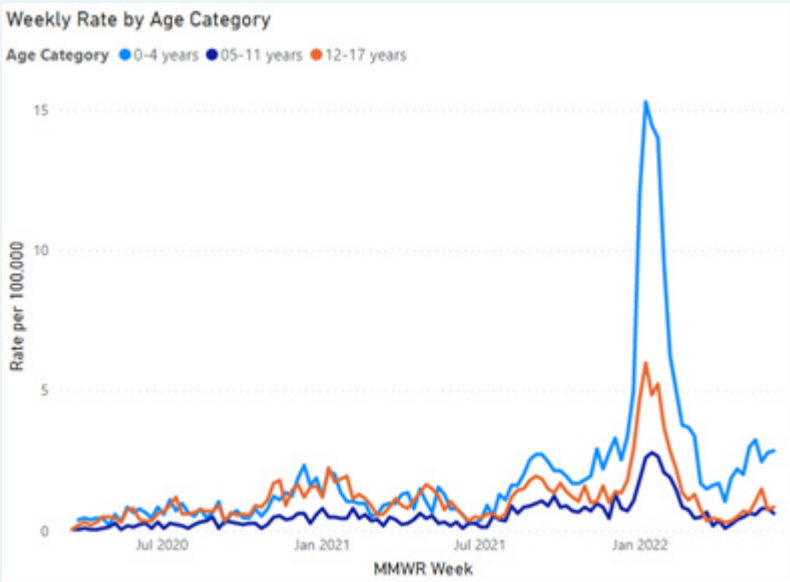
[More Hospital Data](#)



## COVID-NET: Rates of COVID-19-Associated Hospitalizations among Children Ages 0-17 Years

CDC’s [Coronavirus Disease 2019-Associated Hospitalization Surveillance Network \(COVID-NET\)](#) shows that pediatric rates of COVID-19-associated hospitalizations remain highest among young children ages 0-4 years, who are not yet eligible for vaccination. Hospitalization rates among this age group are 2.5 per 100,000 population, compared to 0.8 and 1.5 per 100,000 population for children ages 5-11 years and 12-17 years, respectively, for the week ending May 21, 2022.

### Rates of COVID-19-Associated Hospitalizations among Children Ages 0-17 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 (306) has increased 18.6% compared with the previous 7-day moving average (258). As of June 8, 2022, a total of 1,005,823 COVID-19 deaths have been reported in the United States.

**1,005,823**  
Total Deaths Reported

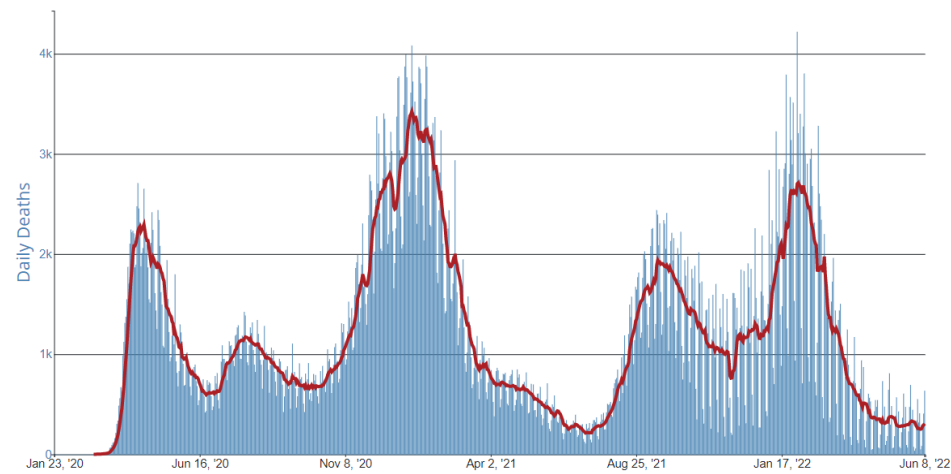
**258**  
Prior 7-Day Average

**306**  
Current 7-Day Average\*

**18.6%**  
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



[View Larger](#)

[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 22,114 historical deaths reported retroactively, 409 were reported in the current week; and 133 were reported in the prior week.

## Testing

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

The percentage of COVID-19 NAATs ([nucleic acid amplification tests](#))\* that are positive ([percent positivity](#)) is increasing in comparison to the previous week. The 7-day average of percent positivity from NAATs is now 13.7%. The 7-day average number of tests reported for May 27–June 2, 2022, was 476,710, down 26.7% from 650,347 for the prior 7 days.

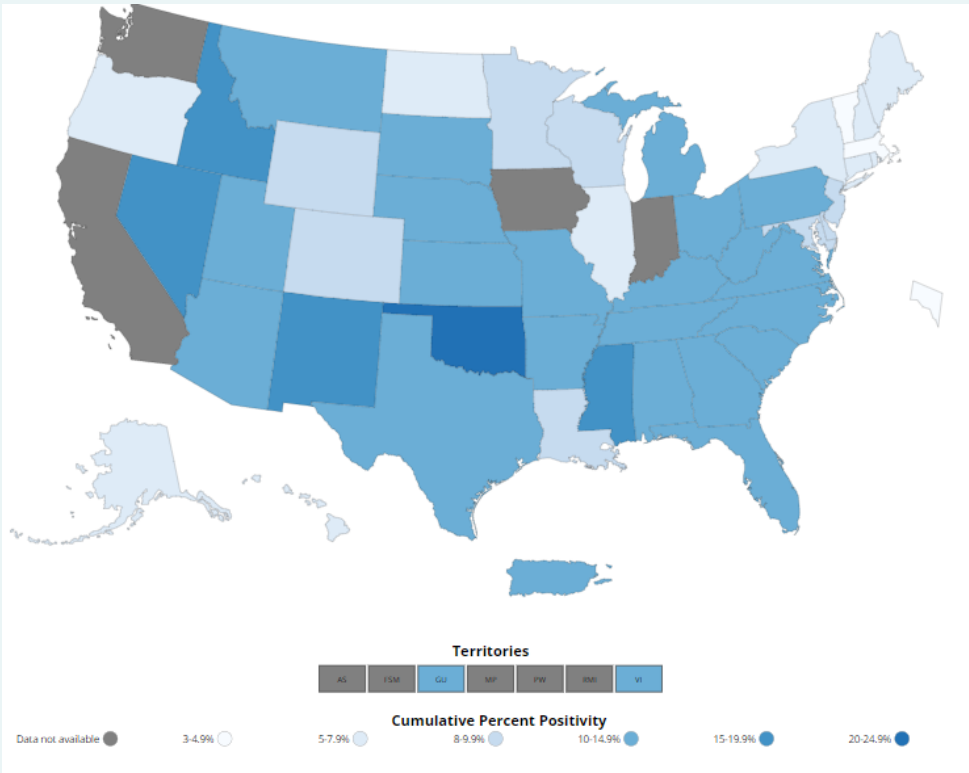
896,910,194

Total Tests Reported

476,710	13.7%
7-Day Average Tests Reported	7-Day Average % Positivity

13.3%	+0.38
Previous 7-Day Average % Positivity	Percentage point change in 7-Day Average % Positivity since Prior Week

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



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[More Testing Data](#)

## Wastewater Surveillance

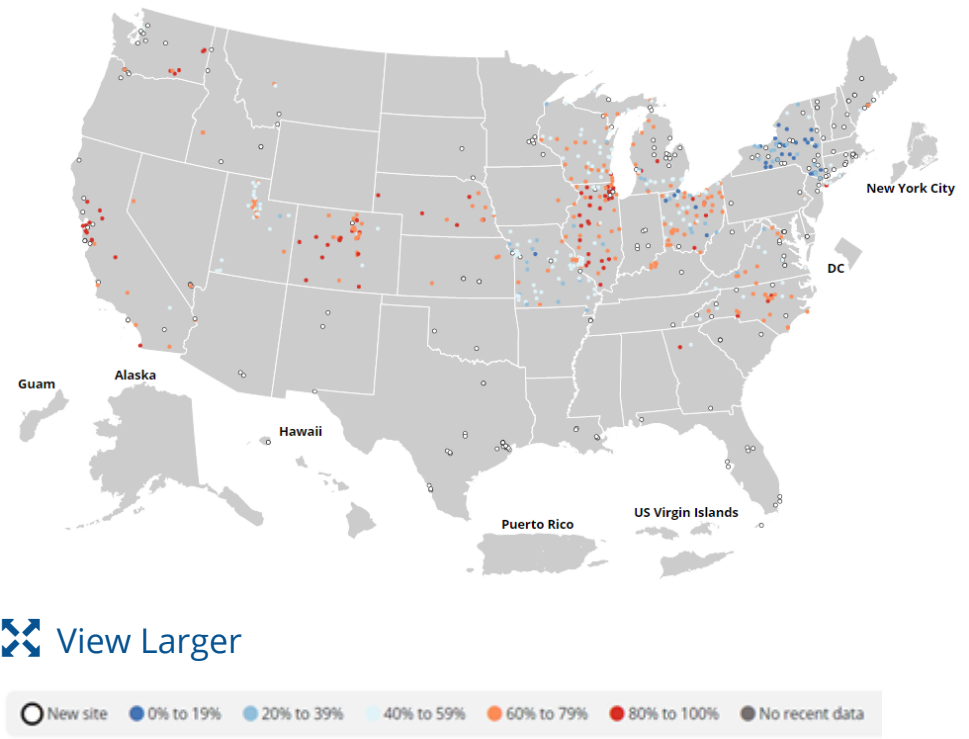
COVID Data Tracker’s [Wastewater Surveillance](#) tab tracks levels, changes, and detections of SARS-CoV-2\* viral RNA in wastewater at over 900 testing sites across the country.

Currently, most of the country is reporting moderate SARS-CoV-2 levels in wastewater. Around 33% of sites are currently seeing some of the highest levels for those sites since December 1, 2021. Additionally, more than half of all sites reporting wastewater data are experiencing a modest increase in SARS-CoV-2 levels, but about 35 of sites are reporting a decrease in SARS-CoV-2 levels in wastewater. It is important to note that even a small increase when levels are low can appear like a dramatic increase in the percent change.

Last week, a Wastewater Metric Chart was added to COVID Data Tracker’s [Wastewater Surveillance](#) page. This chart shows how virus levels in wastewater have increased or decreased across the United States since January 2021. For more information on how to use wastewater data, visit [CDC’s National Wastewater Surveillance System website](#).

\*The virus that causes COVID-19

## SARS-CoV-2 Levels in Wastewater by Site



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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](#)