Centers for Disease Control and Prevention

COVID DATA TRACKER WEEKLY REVIEW

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Interpretive Summary for **August 5, 2022**

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Help is Here

Last week's COVID Data Tracker Weekly Review focused on the mental health concerns of public health workers during the COVID-19 pandemic. Many people have been struggling for the past two years, whether it be from illness, deaths of loved ones, economic hardship, disrupted education, or any of the many stressors that the pandemic has introduced to the world. Unfortunately, children and adolescents are no exception. Pre-pandemic data showed significant increases in mental health symptoms among U.S. high school students during the decade before COVID-19, and an April 2022 CDC report found that this crisis has continued during the pandemic.

According to the report, more than a third of high school students reported poor mental health during the pandemic, and almost half said they had felt persistently sad or hopeless during the past year. Students who didn't feel close to anyone at school had higher rates of poor mental health, and the same held true for students who hadn't been virtually connected to others during the pandemic.

However, there are many resources available to help children and their families start a conversation and help navigate through a mental health struggle. CDC's How Right Now online guide can help kids identify how they're feeling at any given moment and points them to resources for handling emotions like fear, grief, anger, and sadness. It has links to advice, hotlines, and support groups. There's also a section with ideas for practicing gratitude, which is a great way to reduce stress and boost your physical and emotional well-being.

If you or your teen need immediate mental health support, call 988 for the National Suicide Prevention Lifeline or use the lifeline chat to connect with a trained crisis counselor.

What's New

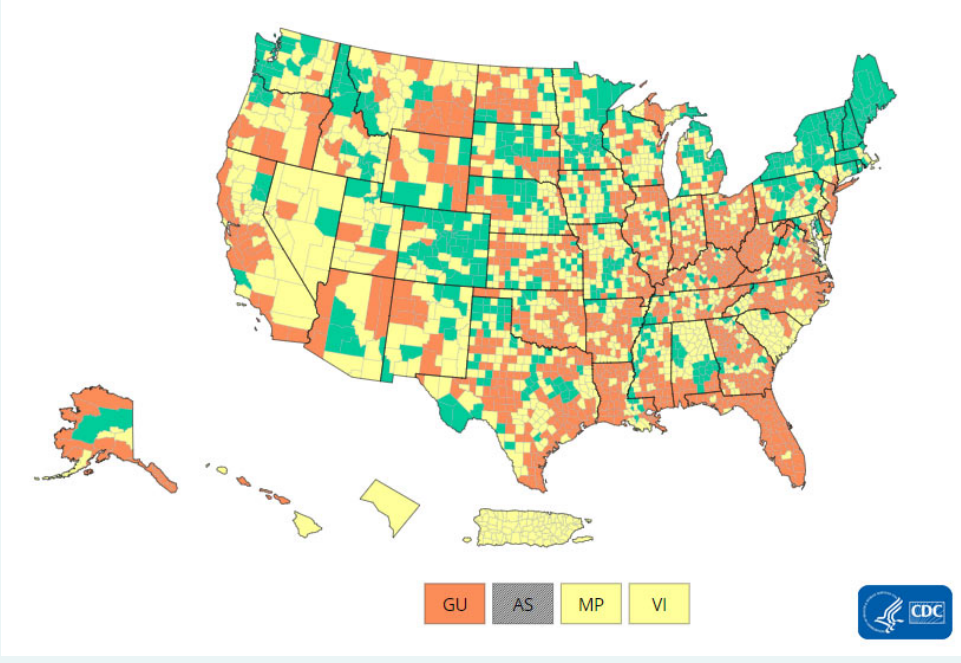
- COVID Data Tracker's Vaccinations in the US tab was updated to include Novavax data.
- Interim Recommendation of the Advisory Committee on Immunization Practices for Use of the Novavax COVID-19 Vaccine in Persons Aged ≥18 years — United States, July 2022
- Post–COVID-19 Symptoms and Conditions Among Children and Adolescents — United States, March 1, 2020–January 31, 2022
- *Notes from the Field:* Increase in Pediatric Intracranial Infections During the COVID-19 Pandemic — Eight Pediatric Hospitals, United States, March 2020–March 2022

COVID-19 Community Levels

As of August 4, 2022, there are 1,343 (41.7%) counties, districts, or territories with a high COVID-19 Community Level, 1,252 (38.9%) counties with a medium Community Level, and 625 (19.4%) counties with a low Community Level. Compared with last week, this represents a moderate decrease (−4.09 percentage points) in the number of high-level counties, a moderate increase (+3.38 percentage points) in the number of medium-level counties, and a small increase (+0.71 percentage points) in the number of low-level counties. Overall, 50 out of 52 jurisdictions* had high- or medium-level counties this week. Maine and New Hampshire 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.

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 U.S. territories.

Reported Cases

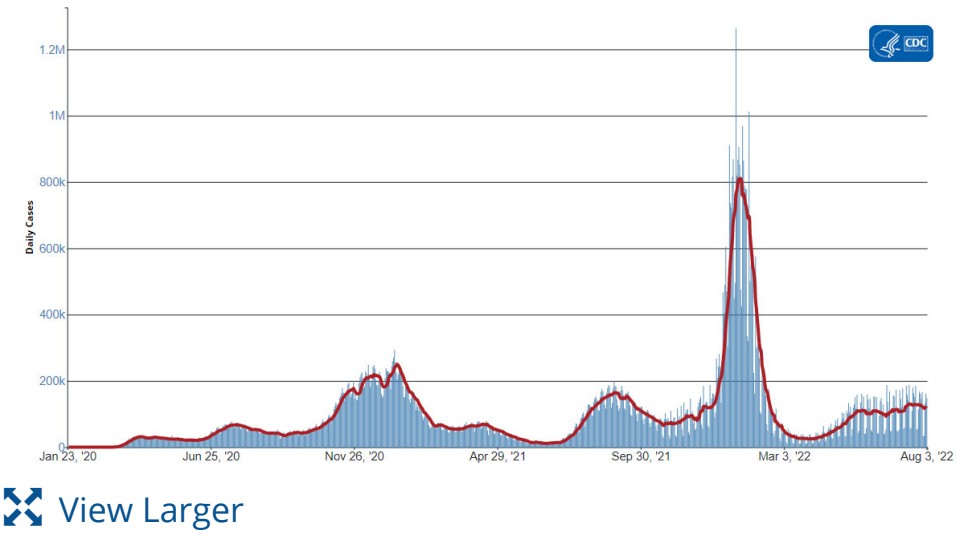
As of August 3, 2022, the current 7-day moving average of daily new cases (117,351) decreased 7.3% compared with the previous 7-day moving average (126,537). A total of 91,676,264 COVID-19 cases have been reported in the United States as of August 3, 2022.

Variant Proportions

CDC Nowcast projections* for the week ending July 30, 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 85.5% (95% PI 83.8-87.0%).

There are several lineages of Omicron and within each are multiple sublineages. The national proportion of BA.4 is projected to be 7.7% (95% PI 7.0-8.5%), BA.4.6 is projected to be 4.1% (95% PI 3.2-5.4%), BA.2.12.1 is projected to be 2.6% (95% PI 2.4-2.8%), and BA.2 is projected to be 0.1% (95% PI 0.1-0.1%). See COVID Data Tracker for current data.

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



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More Case Data

91,676,264 Total Cases Reported	117,351 Current 7-Day Average**
126,537 Prior 7-Day Average	-7.3% 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 652,812 historical cases reported retroactively, 92,150 were reported in the current week and 24,310 were reported in the prior week.

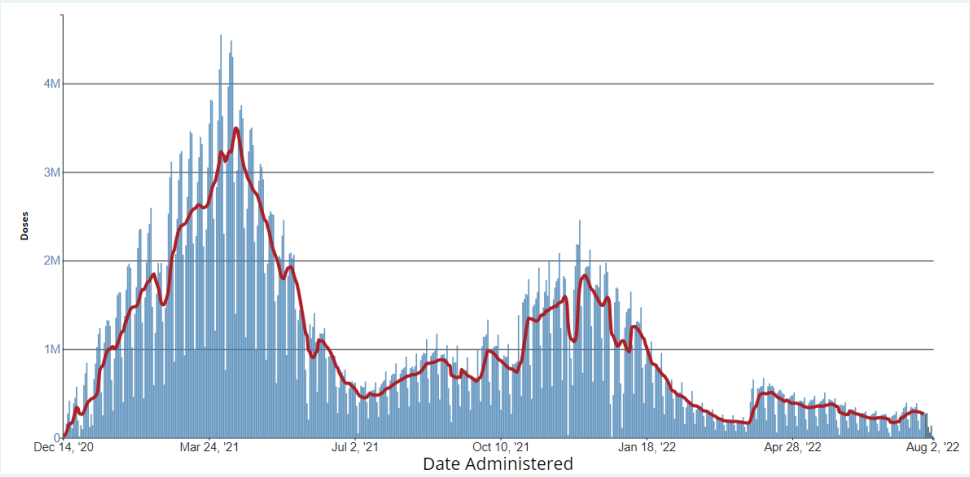
Vaccinations

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

The U.S. COVID-19 Vaccination Program began December 14, 2020. As of August 3, 2022, 604.2 million vaccine doses have been administered in the United States. Overall, about 261.6 million people, or 78.8% 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 50.0% 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.

7-Day moving average



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More Vaccination Data

604,235,972 Vaccine Doses Administered	
261,591,248 People who received at least one dose	223,035,566 People who are fully vaccinated*
78.8% 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*
+0.0 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, Moderna, or Novavax 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.

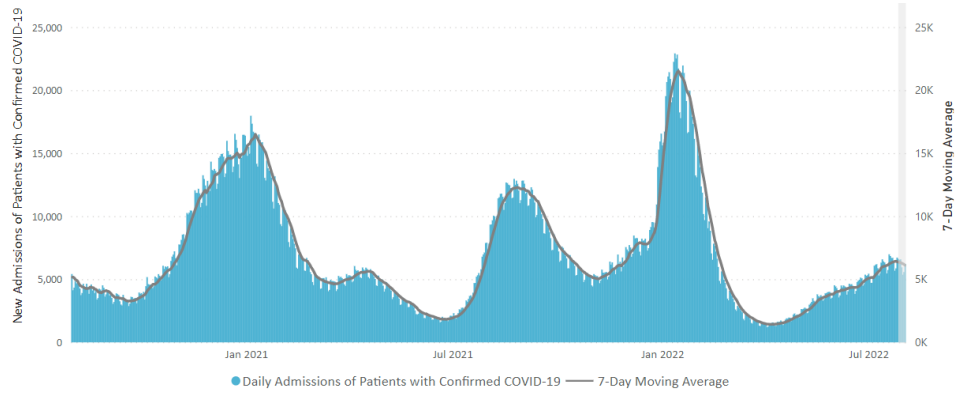
Hospitalizations

New Hospital Admissions

The current 7-day daily average for July 27–August 2, 2022, was 6,112. This is a 4.4% decrease from the prior 7-day average (6,396) from July 20–26, 2022.

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

5,078,893	6,112
Total New Admissions	Current 7-Day Average
6,396	-4.4%
Prior 7-Day Average	Change in 7-Day Average



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

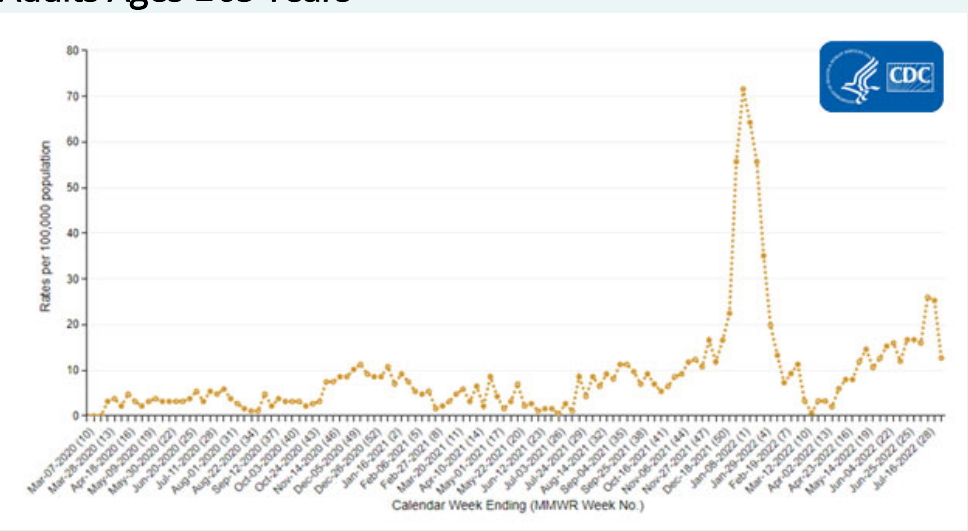
New admissions are pulled from a 10 am EDT snapshot of the HHS Unified Hospital Data – Analytic Dataset. Due to potential reporting delays, data from the most recent 7 days, as noted in the figure above with the grey bar, should be interpreted with caution. Small shifts in historic data may also occur 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 COVID-19-Associated Hospitalizations among Children Ages 6 Months and Younger

CDC's Coronavirus Disease 2019-Associated Hospitalization Surveillance Network (COVID-NET) shows that for the week ending July 16, the rate of COVID-19-associated hospitalizations (per 100,000 population) for children ages 6 months and younger, who are not eligible for vaccination, is 26.0, more than 10 times the rate of 2.0 for the week ending April 9. While the weekly rate of hospitalizations for all age groups have increased since April, the rates for children ages 6 months and younger are highest among all pediatric age groups.

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.

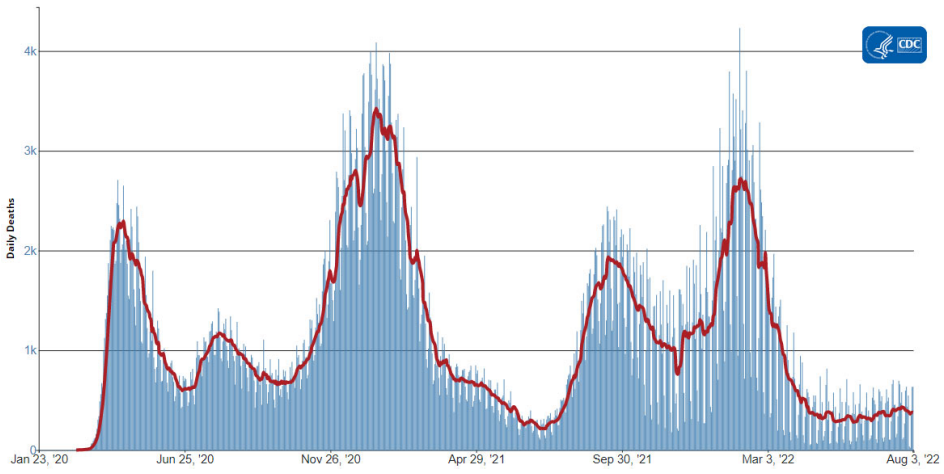
More COVID-NET Data

Deaths

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

7-Day moving average

The current 7-day moving average of new deaths (378) has decreased 4.9% compared with the previous 7-day moving average (397). As of August 3, 2022, a total of 1,027,370 COVID-19 deaths have been reported in the United States.



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More Death Data

1,027,370 Total Deaths Reported	378 Current 7-Day Average*
397 Prior 7-Day Average	-4.9% 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 21,756 historical deaths reported retroactively, none were reported in the current week; and none were reported in the prior week.

Testing

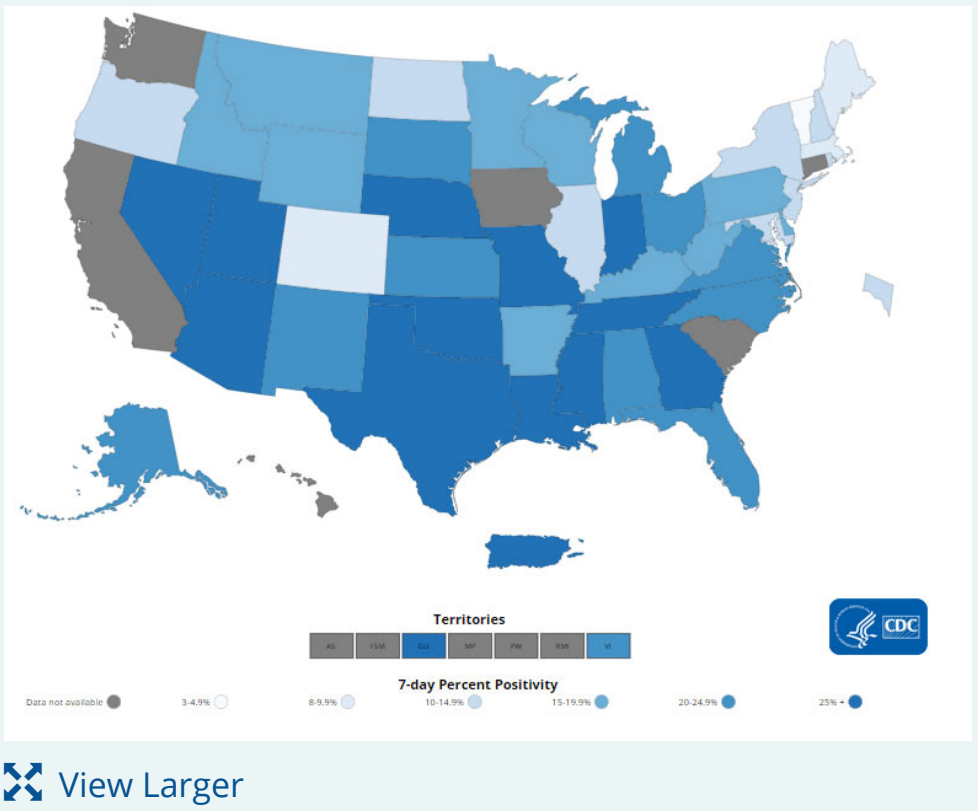
The percentage of COVID-19 NAATs (nucleic acid amplification tests)* that are positive is decreasing in comparison to the previous week. The 7-day average of percent positivity from NAATs is now 18.1%. The 7-day average number of tests reported for July 22–28, 2022, was 500,250, down 11.4% from 564,487 for the prior 7 days.

933,467,627
Total Tests Reported

500,250 7-Day Average Tests Reported	18.1% 7-Day Average % Positivity
18.5% Previous 7-Day Average % Positivity	-0.47 Percentage point change in 7-Day Average % Positivity since Prior Week

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

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



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More Testing Data

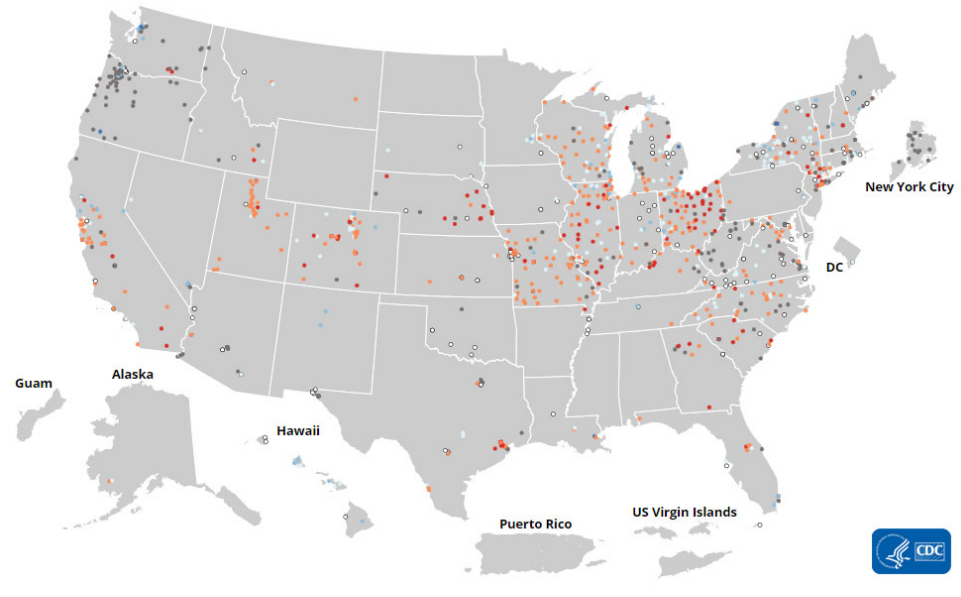
Wastewater Surveillance

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 1,000 testing sites across the country.

Currently, most of the country is reporting moderate to high SARS-CoV-2 levels in wastewater. About half of sites reporting wastewater data are currently seeing some of the highest levels for those sites since December 1, 2021. About half of sites are experiencing a decrease in SARS-CoV-2 levels, and about 40% 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.



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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.

*The virus that causes COVID-19

More Wastewater Data

Last Updated Aug. 5, 2022