# COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mondays and Fridays by 8 p.m. ET.



Note as of November 15, 2023, testing data is temporarily unavailable from about 400 wastewater sites. Wastewater data collection continues to be implemented, and testing and reporting for clinical cases is expected to resume shortly.

**United States at a Glance**

Trend in 14 Tests Positivity

**0.5% in non-nursing home**
Decreasing

Trend in Hospital Admissions

**0% in non-nursing home**
Decreasing

Total Hospitalizations
**6,488,000**

Trend in Emergency Department Visits

**0.7% in non-nursing home**
Decreasing

Trend in COVID-19 Deaths

**No change in non-nursing home**
Decreasing

Total Deaths
**1,152,647**

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Wastewater Surveillance



## Wastewater Surveillance

### COVID-19: Wastewater Surveillance

Communities can track the presence of SARS-CoV-2, the virus that causes COVID-19, in wastewater samples. These data can provide an early warning of COVID-19's spread in communities, for more information, visit the Wastewater Surveillance home page.

**Monitoring Wastewater Surveillance Data**

Wastewater surveillance for COVID-19 is a rapidly developing field. State, tribal, local, and territorial health departments participating in the National Wastewater Surveillance System (NWSS) submit testing data to CDC. CDC then standardizes and interprets these data and presents them in the COVID Data Tracker. How often cities collect wastewater samples and how frequently data are reported to CDC varies by health department.

Wastewater data are meant to be used with other COVID-19 surveillance data to better understand COVID-19's spread in a community. Learn more about wastewater data by reading the Guide to Using Wastewater Data to Inform Public Health Action. Learn more about how CDC uses wastewater data, see CDC's COVID Data Tracker: Symbols of Variant Surveillance.

View information about the data and download the data.

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NATIONAL WASTEWATER SURVEILLANCE SYSTEM

Maps, charts, and data provided by CDC, updates Friday by 8pm ET. This reporting of wastewater data submitted directly to CDC's NWSS-NCEZID platform, with the exceptions described in the About the Data section, begins back dated to the week ending November 4, 2023. A site can represent all or part of a "sewershed", which is the area from which wastewater is collected to a sampling location. Not all communities report wastewater data to CDC. Participation is voluntary, and wastewater sampling and testing may begin, stop, or change at any time. Wastewater data from a site in a system serves as one represent a additional, some sites that submit data to NWSS are not represented on the map due to various factors, such as small population size or having facility-specific sampling.

View Processes and Download Data

## Wastewater Metric Chart

This chart shows how much virus levels have changed (increased and decreased) over time at wastewater sites. Each point represents the percent change in virus levels in each category of the percent change metric for each date among all sites with available data.

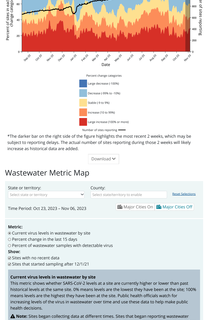
The percent change metric shows whether virus levels have increased or decreased at sites over the last 15 days.

- Six categories: Large Decrease (-100%), Decrease (-99% to -10%), Virus levels decreased at these sites in the last 15 days.
- Yellow diagonals: Stable (-9% to 9%), Virus levels have stayed about the same at these sites in the last 15 days.
- Orange and red categories: Increase (10% to 99%), Large Increase (100% or more), Virus levels increased at these sites in the last 15 days.

The chart shows the percent change in virus levels over time in each category over time since January 1, 2021. If more area on the chart is shaded light or dark blue, it means virus levels were decreasing at more sites at that point in time. If more area on the chart is shaded red or orange, it means virus levels were increasing at more sites at that point in time. Since the percent change in the last 15 days metric may be affected by how many wastewater plants were collecting wastewater samples, the black line shows the number of sampling sites with available data for each date.

Below, this chart **does not** show overall levels of SARS-CoV-2 in wastewater.

Percent of sites in each percent change category over time, United States*




*The darker bar on the right side of the figure highlights the most recent 2 weeks, which may be subject to reporting delays. The number of sites reporting during those 2 weeks will likely increase as historical data are added.

Download

## Wastewater Metric Map

State or territory: | County: | Reset Selections

Select state/territory to enable | Select county to enable

Time Period: Oct 23, 2023 – Nov 06, 2023 | Major Cities On | Major Cities Off

**Metric:**
- Current virus levels in wastewater by site
- Percent change in the last 15 days
- Percent of wastewater samples with detectable virus

**Show:**
- Sites with no recent data
- Sites that started sampling after 12/1/21

**Current virus levels in wastewater by site**

Sites with a recent sample where virus levels were at a site are currently higher or lower than past historical levels at the same site. Dark means levels are the lowest they have been at the site. Light means levels are the highest they have been at the site. Public health officials watch for increasing levels of the virus in wastewater over time and use these data to help make public health decisions.

Sites sampling different places data at different times. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that started reporting data on or before December 1, 2021. Use the filters below for these new sites is not long enough to reflect the same surges as the other sites.

Current SARS-CoV-2 virus levels by site, United States