Maps, charts, and data provided by CDC, updates Mon-Fri by 8 pm ET

United States (7 - 1 - 2022)	Cases Total	Deaths Total	Current Deaths	7Day Pfizer Doses Admin Total
Cases	1,035,579	1,035,579	38,928	2,000,000
	Case Trends	Death Trends	Vaccine Administration Trends	

Beginning July 6, 2022, COVID Data Tracker will discontinue daily data refreshes 7 days per week, and will instead refresh Monday through Friday.

CDC recommends use of COVID-19 Community Levels to determine the impact of COVID-19 on communities and how to take action. CDC also provides Transmission Level data from wastewater Transmission to describe the amount of COVID-19 spread within each county. Healthcare facilities use COVID-19 hospitalization data to inform healthcare capacity.

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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 Spatial 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 sites 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 understand COVID-19's spread in a community. Learn more about wastewater data by exploring each of the charts and maps.

View information about the data and download the data.

On This Page

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About the Data

Maps, charts, and data provided by CDC, updates Mon-Fri by 8pm ET. This represents all wastewater data submitted to CDC. Data are from 7 days ago because it takes time to collect and process samples. Wastewater Metric Each dot on the map represents a site. A site can represent all or part of a "sewershed," which is the area contributing wastewater to a sampling location. Not all communities report wastewater data to CDC. Participation is voluntary, and wastewater samples are collected from sewer systems in communities that primarily on septic systems are not represented. In addition, some sites that submit data to NWSS are not included because of issues such as various factors, such as small population size or having facility-specific sewersheds.

View Footnotes and Download Data

Wastewater Metric Chart

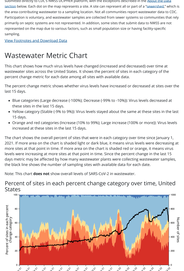
This chart shows how much virus levels have changed (increased and decreased) over time at wastewater sampling sites. The line shows the median (or middle) value in each category of the data. Many factors may affect how virus levels vary among sites with available data. The percent change metric shows whether virus levels have increased or decreased at sites over the last 15 days.

- Blue categories (Large decrease (-100%) Decrease (-99% to -10%)): Virus levels decreased at these sites in the last 15 days.
- Gray category (Stable (-9% to 9%)): Virus levels 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 overall percent of sites that were in each category over time since January 1, 2021. Hover over the chart to see details. Click on the chart to zoom. A means virus levels were decreasing in more sites at that point in time. If more area on the chart is shaded red or orange, it means virus levels were increasing in more sites at that point in time. Sites with more than 100 samples in the last 15 days were used to calculate the percent change. Sites with fewer than 100 samples were collecting wastewater samples, the black line shows the number of sampling sites with available data for each date.

Note: This chart does not show the overall levels of SARS-CoV-2 in wastewater.

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



Wastewater Metric Map

State or territory: | County: | Reset Selections

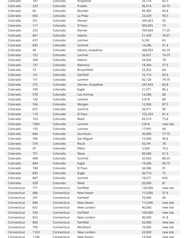
Time Period: Jun 19, 2022 - Jul 03, 2022 | Major Cities On | Major Cities Off

Metric:
- Current virus levels in wastewater by site
- Percent change in the last 15 days
- Percent of wastewater samples with detectable virus
- Sites
- Sites with no recent data
- Sites that started sampling after 12/31

Current virus levels in wastewater by site
This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than past historical levels at the same site. We means levels are the lowest they have been at the site. 100% means levels are the highest they have been at the site. Public health officials watch for increases in the virus in wastewater over time and use these data to help make public health decisions.

Note: Sites began collecting data at different times. Sites that began reporting wastewater data after September 1, 2021 are not comparable to sites that started reporting data on or before December 1, 2021. The data history for these new sites is not long enough to reflect the same surges as the other sites.

Current SARS-CoV-2 virus levels in wastewater



Data Downloads and Footnotes
Expand each section to view data and download.

Data Tracker Wastewater Data

Data Tracker Wastewater Surveillance Current Virus Levels (in %)

Data as of Thursday, July 7, 2022 4:00 PM ET Powered by Tableau Data as of 2022-07-06 EXT

Download Data

Jurisdiction	Sewershed Sites	Reporting Jurisdictions	County #	Population Served	Current Levels (in %)
					%
Arizona	1,012	Arizona	Maricopa	5,018,676	94.9
Arizona	1,012	Arizona	Yuma	195,751	94.9
Arizona	1,012	Arizona	Pima	1,047,279	94.9
Arizona	896	Arizona	Pima	547,065	93.4
Arizona	1,012	Arizona	Pima	301,401	93.4
Arizona	1,011	Arizona	Pima	23,000	new site
Arizona	1,012	Arizona	Pima	15,000	new site
Arizona	1,012	Arizona	Maricopa	17,000	7.04
Arizona	1,012	Arizona	Maricopa	9,430	N/A
Arizona	1,012	Arizona	Pima	9,000	N/A
Arizona	1,012	Arizona	Pima	9,000	N/A
Arizona	1,012	Arizona	Maricopa	9,000	N/A
Arizona	1,012	Arizona	Pima	9,000	N/A
Arizona	1,012	Arizona	Pima	9,000	N/A
Arizona	1,012	Arizona	Maricopa	12,742	N/A
Arizona	1,012	Arizona	Pima	12,742	N/A
Arizona	1,011	Arizona	Pima	419,246	93.9
Arizona	808	Arizona	Mohave	22,000	new site
Arizona	1,012	Arizona	Maricopa	5,000	new site
Arizona	1,012	Arizona	Maricopa	5,000	new site
Arizona	1,012	Arizona	Maricopa	5,000	new site
Arizona	1,012	Arizona	Pima	5,000	new site
California	1,011	California	Alameda	1,610,000	79.1
California	1,011	California	Contra Costa, Alameda	140,000	97.6
California	1,011	California	Marin	258,000	79.1
California	1,011	California	Marin	76,717	94.1
California	1,011	California	El Dorado	40,000	new site
California	1,011	California	El Dorado	40,000	new site
California	1,011	California	Napa	215,000	97.6
California	362	California	San Francisco, San Mateo	210,000	95.8
California	362	California	San Mateo	210,000	95.8
California	362	California	San Mateo	220,000	97.6
California	362	California	San Mateo	250,000	95.8
California	362	California	San Mateo	250,000	95.8
California	362	California	Sonoma	215,284	97.6
California	1,011	California	Fresno	650,000	86.57
California	1,011	California	Fresno, Madera	1,000,000	86.57
California	1,011	California	Contra Costa	494,000	new site
California	1,011	California	Contra Costa	494,000	new site
California	1,011	California	Contra Costa	494,000	new site

Iowa	544	Iowa	Johnson	75,860	94%
Kansas	1,250	Kansas	Johnson	56,828	70.4%
Kansas	1,250	Kansas	Johnson	56,828	70.4%
Kansas	1,250	Kansas	Johnson	56,828	70.4%
Kansas	1,250	Kansas	Johnson	56,828	70.4%
Kansas	1,250	Kansas	Johnson	56,828	70.4%
Kansas	472	Kansas	Reno	40,009	44.2%
Kansas	472	Kansas	Reno	40,009	44.2%
Kansas	1,984	Kansas	Johnson	72,625	44.9%
Kansas	1,984	Kansas	Johnson	72,625	44.9%
Kansas	1,984	Kansas	Johnson	72,625	44.9%
Kansas	1,984	Kansas	Johnson	72,625	44.9%
Kansas	702	Kansas	Reno	40,092	44.2%
Kansas	702	Kansas	Reno	40,092	44.2%
Kansas	1,298	Kansas	Johnson	75,085	44.9%
Kansas	1,298	Kansas	Johnson	56,493

Oregon	797	Oregon	1,000	Chickamauga	76,800
Oregon	798	Oregon	1,000	Chickamauga	76,800
Oregon	799	Oregon	1,000	Chickamauga	76,800
Oregon	800	Oregon	1,000	Marion	10,660
Oregon	801	Oregon	1,000	Marion	10,660
Oregon	802	Oregon	1,000	Marion	10,660
Oregon	803	Oregon	1,000	Washington	40,000
Oregon	804	Oregon	1,000	Chickamauga, Washington	76,800
Oregon	805	Oregon	1,000	Columbia	12,708
Oregon	806	Oregon	1,000	Columbia	12,708
Oregon	807	Oregon	1,000	Columbia	12,708
Oregon	808	Oregon	1,000	Washington	9,900
Oregon	809	Oregon	1,000	Washington	9,900
Oregon	810	Oregon	1,000	Columbia	12,708
Oregon	811	Oregon	1,000	Columbia	12,708
Oregon	812	Oregon	1,000	Coos	5,076
Oregon	813	Oregon	1,000	Coos	5,076
Oregon	814	Oregon	1,000	Coos	5,076
Oregon	815	Oregon	1,000	Chickamauga, Multnomah, Washington	45,600
Oregon	816	Oregon	1,000	Chickamauga, Washington	76,800
Pennsylvania	817	Pennsylvania	1,000	Montgomery	5,000
Pennsylvania	818	Pennsylvania	1,000	Montgomery	13,000
Pennsylvania	819	Pennsylvania	1,000	Montgomery	13,000
Pennsylvania	820	Pennsylvania	1,000	Montgomery	13,000
Rhode Island	821	Rhode Island	1,000	Providence	5,000
Rhode Island	822	Rhode Island	1,000	Providence	5,000
Rhode Island	823	Rhode Island	1,000	Providence	5,000
Rhode Island	824	Rhode Island	1,000	Providence	5,000
Rhode Island	825	Rhode Island	1,000	Providence	240,000
Rhode Island	826	Rhode Island	1,000	Providence	240,000
Rhode Island	827	Rhode Island	1,000	Providence	240,000
Rhode Island	828	Rhode Island	1,000	Providence	240,000
Rhode Island	829	Rhode Island	1,000	Providence	240,000
Rhode Island	830	Rhode Island	1,000	Providence	240,000
Rhode Island	831	Rhode Island	1,000	Providence	240,000
Rhode Island	832	Rhode Island	1,000	Providence	20,000
Rhode Island	833	Rhode Island	1,000	Providence	20,000
Rhode Island	834	Rhode Island	1,000	Providence	20,000
Rhode Island

What's this?

Cite COVID Data Tracker

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: US Department of Health and Human Services, CDC; 2022, July 08. https://covid.cdc.gov/covid-data-tracker

COVID-19 Home >

All COVID-19 topics including prevention, travel, work, and school