



## National Wastewater Surveillance System (NWSS)

# Wastewater Surveillance: Progress in the United States

Wastewater surveillance is an efficient and robust tool to track community spread of COVID-19 and other diseases.



CDC developed the [National Wastewater Surveillance System](#) (NWSS) to coordinate and support the nation's capacity to monitor for the presence of the virus that causes COVID-19 in wastewater.

Pieces of the virus enter wastewater through the stool of infected people. Testing and tracking trends in wastewater complements other surveillance systems for COVID-19 and can show if virus levels are increasing or decreasing in a community. This information can be a critical early warning for authorities of new outbreaks and inform local decision-making, such as where to have mobile testing and vaccination sites.

### Wastewater Surveillance: An Early-Warning Tool for the Spread of Disease



#### Captures information on all types of COVID-19 infections

Anyone with COVID-19 can shed the virus in their stool even if they don't have symptoms.



#### Early detection of increasing cases

Wastewater surveillance **provides community-level data quickly and efficiently**. Wastewater data can show changes in disease trends 4 to 6 days before those changes in trends are seen in clinical cases, and a single wastewater sample captures the infection status of populations with thousands to millions of individuals.



## Independent of medical systems

Wastewater surveillance does not depend on people having access to healthcare, people seeking healthcare when sick, or availability of COVID-19 testing.



## Widely applicable

Wastewater surveillance can be implemented in many communities since nearly **80 percent of U.S. households are served by municipal wastewater collection systems.**



## Variant detection

Wastewater surveillance can provide an early warning that **COVID-19 variants of concern may be spreading** in communities.



## Potential to track other emerging health threats

CDC is working to better understand how wastewater surveillance can also be used to **detect and respond to other infectious disease threats** like antibiotic resistance and foodborne diseases.

## National Wastewater Surveillance System Successes

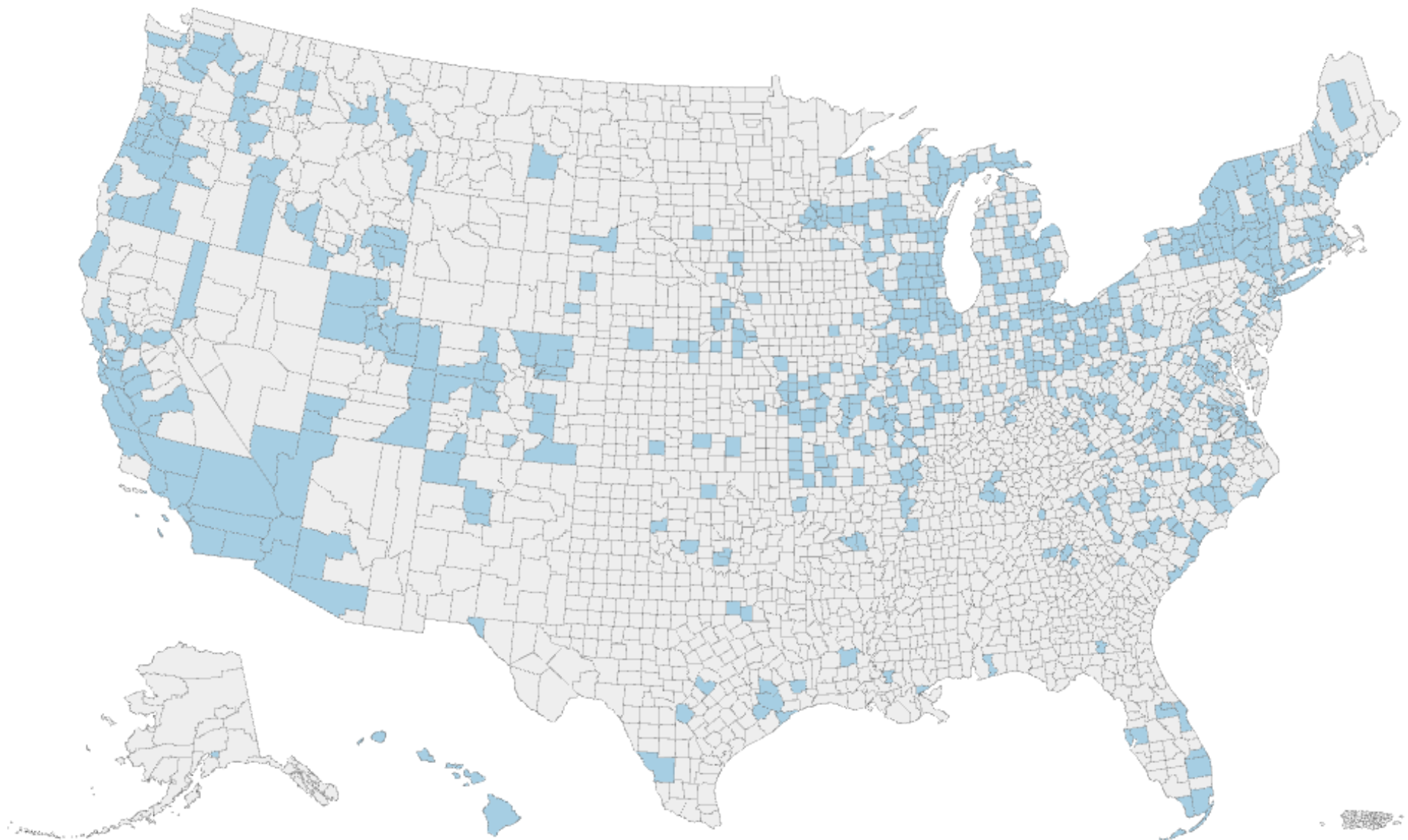
CDC's NWSS is coordinating community-led surveillance efforts to form a robust, sustainable national system. Through NWSS, health departments and public health laboratories develop their capacity to coordinate wastewater surveillance, including epidemiology, data analytics, and laboratory support.

[CDC's COVID-19 State, Tribal, Local, and Territorial Funding webpage](#) shows the jurisdictions funded by CDC to support wastewater surveillance. Under "Award Name," select "ELC National Wastewater Surveillance System (NWSS)" and "ELC National Wastewater Surveillance System (NWSS) Centers of Excellence" to see the states funded by CDC to support wastewater surveillance.

### Jurisdictions with data reported to CDC

Make a selection from the filters to change the visualization information.

Data reported to CDC ▼



● Data reported to CDC

Data Table	
Location ▲	Reporting Status
● AK, Anchorage Muny	Data reported to CDC
● AZ, La Paz	Data reported to CDC
● AZ, Maricopa	Data reported to CDC
● AZ, Mohave	Data reported to CDC
● AZ, Pima	Data reported to CDC
● AZ, Yuma	Data reported to CDC
● AR, Lonoke	Data reported to CDC
● AR, Mississippi	Data reported to CDC
● AR, Pulaski	Data reported to CDC
● AR, Washington	Data reported to CDC
● CA, Alameda	Data reported to CDC
● CA, Contra Costa	Data reported to CDC
● CA, El Dorado	Data reported to CDC
● CA, Fresno	Data reported to CDC
● CA, Humboldt	Data reported to CDC
● CA, Imperial	Data reported to CDC
● CA, Kern	Data reported to CDC

Location ▲	Reporting Status
● CA, Kings	Data reported to CDC
● CA, Lake	Data reported to CDC
● CA, Los Angeles	Data reported to CDC
● CA, Marin	Data reported to CDC
● CA, Merced	Data reported to CDC
● CA, Monterey	Data reported to CDC
● CA, Orange	Data reported to CDC
● CA, Riverside	Data reported to CDC
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● CA, San Bernardino	Data reported to CDC
● CA, San Diego	Data reported to CDC
● CA, San Francisco	Data reported to CDC
● CA, San Luis Obispo	Data reported to CDC
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● CA, Santa Clara	Data reported to CDC
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● CA, Stanislaus	Data reported to CDC
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● CO, Adams	Data reported to CDC
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● CO, Morgan	Data reported to CDC
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● CO, Pueblo	Data reported to CDC
● CO, Routt	Data reported to CDC
● CO, Teller	Data reported to CDC
● CO, Weld	Data reported to CDC
● CT, Fairfield	Data reported to CDC
● CT, New Haven	Data reported to CDC
● CT, New London	Data reported to CDC



Location ▲	Reporting Status
● CT, Windham	Data reported to CDC
● FL, Brevard	Data reported to CDC
● FL, Escambia	Data reported to CDC
● FL, Hillsborough	Data reported to CDC
● FL, Martin	Data reported to CDC
● FL, Miami-Dade	Data reported to CDC
● FL, Monroe	Data reported to CDC
● FL, Orange	Data reported to CDC
● FL, Palm Beach	Data reported to CDC
● FL, Pinellas	Data reported to CDC
● FL, Seminole	Data reported to CDC
● GA, Clarke	Data reported to CDC
● GA, Cobb	Data reported to CDC
● GA, De Kalb	Data reported to CDC
● GA, Gwinnett	Data reported to CDC
● GA, Lowndes	Data reported to CDC
● GA, Newton	Data reported to CDC
● GA, Paulding	Data reported to CDC
● GA, Richmond	Data reported to CDC
● HI, Hawaii	Data reported to CDC
● HI, Honolulu	Data reported to CDC
● HI, Kauai	Data reported to CDC
● HI, Maui	Data reported to CDC
● ID, Ada	Data reported to CDC
● ID, Bannock	Data reported to CDC
● ID, Bingham	Data reported to CDC
● ID, Bonneville	Data reported to CDC
● ID, Caribou	Data reported to CDC
● ID, Elmore	Data reported to CDC
● ID, Kootenai	Data reported to CDC
● ID, Latah	Data reported to CDC
● ID, Minidoka	Data reported to CDC
● ID, Twin Falls	Data reported to CDC
● IL, Adams	Data reported to CDC
● IL, Boone	Data reported to CDC
● IL, Bureau	Data reported to CDC
● IL, Carroll	Data reported to CDC
● IL, Cass	Data reported to CDC
● IL, Champaign	Data reported to CDC
● IL, Christian	Data reported to CDC
● IL, Clay	Data reported to CDC
● IL, Cook	Data reported to CDC
● IL, De Kalb	Data reported to CDC
● IL, Du Page	Data reported to CDC

Location ▲	Reporting Status
● IL, Effingham	Data reported to CDC
● IL, Fulton	Data reported to CDC
● IL, Greene	Data reported to CDC
● IL, Jefferson	Data reported to CDC
● IL, Jo Daviess	Data reported to CDC
● IL, Kane	Data reported to CDC
● IL, Kankakee	Data reported to CDC
● IL, Kendall	Data reported to CDC
● IL, Knox	Data reported to CDC
● IL, La Salle	Data reported to CDC
● IL, Lawrence	Data reported to CDC
● IL, Lee	Data reported to CDC
● IL, Mcdonough	Data reported to CDC
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● IL, Macon	Data reported to CDC
● IL, Macoupin	Data reported to CDC
● IL, Marion	Data reported to CDC
● IL, Morgan	Data reported to CDC
● IL, Peoria	Data reported to CDC
● IL, Perry	Data reported to CDC
● IL, Randolph	Data reported to CDC
● IL, Richland	Data reported to CDC
● IL, Rock Island	Data reported to CDC
● IL, St Clair	Data reported to CDC
● IL, Shelby	Data reported to CDC
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● IL, Warren	Data reported to CDC
● IL, Whiteside	Data reported to CDC
● IL, Will	Data reported to CDC
● IL, Winnebago	Data reported to CDC
● IN, Allen	Data reported to CDC
● IN, Bartholomew	Data reported to CDC
● IN, Clark	Data reported to CDC
● IN, Delaware	Data reported to CDC
● IN, Dubois	Data reported to CDC
● IN, Hamilton	Data reported to CDC
● IN, Howard	Data reported to CDC
● IN, Huntington	Data reported to CDC
● IN, Jasper	Data reported to CDC
● IN, Jefferson	Data reported to CDC













































Location ▲	Reporting Status
● IN, Kosciusko	Data reported to CDC
● IN, Lake	Data reported to CDC
● IN, Monroe	Data reported to CDC
● IN, Noble	Data reported to CDC
● IN, St Joseph	Data reported to CDC
● IN, Vigo	Data reported to CDC
● IN, Wayne	Data reported to CDC
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● IA, Mahaska	Data reported to CDC
● IA, Woodbury	Data reported to CDC
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● KS, Johnson	Data reported to CDC
● KS, Reno	Data reported to CDC
● KS, Shawnee	Data reported to CDC
● KY, Boyd	Data reported to CDC
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● KY, Estill	Data reported to CDC
● KY, Floyd	Data reported to CDC
● KY, Jefferson	Data reported to CDC
● KY, Johnson	Data reported to CDC
● KY, Magoffin	Data reported to CDC
● KY, Rowan	Data reported to CDC
● LA, East Baton Rouge Parish	Data reported to CDC
● LA, Orleans Parish	Data reported to CDC
● LA, Rapides Parish	Data reported to CDC
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● ME, Franklin	Data reported to CDC
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● ME, Lincoln	Data reported to CDC
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● ME, Piscataquis	Data reported to CDC
● ME, Sagadahoc	Data reported to CDC
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● MD, Allegany	Data reported to CDC
● MD, Anne Arundel	Data reported to CDC
● MD, Charles	Data reported to CDC
● MD, Howard	Data reported to CDC
● MD, Washington	Data reported to CDC
● MD, Wicomico	Data reported to CDC
● MA, Bristol	Data reported to CDC
● MA, Hampden	Data reported to CDC
● MA, Middlesex	Data reported to CDC
● MA, Suffolk	Data reported to CDC

Location ▲	Reporting Status
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● MI, Alpena	Data reported to CDC
● MI, Bay	Data reported to CDC
● MI, Calhoun	Data reported to CDC
● MI, Chippewa	Data reported to CDC
● MI, Clare	Data reported to CDC
● MI, Delta	Data reported to CDC
● MI, Dickinson	Data reported to CDC
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● MI, Saginaw	Data reported to CDC
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● MI, Schoolcraft	Data reported to CDC
● MI, Tuscola	Data reported to CDC
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● MI, Wayne	Data reported to CDC
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● MN, Carver	Data reported to CDC
● MN, Dakota	Data reported to CDC
● MN, Hennepin	Data reported to CDC
● MN, Olmsted	Data reported to CDC



Location ▲	Reporting Status
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● MN, Scott	Data reported to CDC
● MN, Washington	Data reported to CDC
● MO, Adair	Data reported to CDC
● MO, Audrain	Data reported to CDC
● MO, Barry	Data reported to CDC
● MO, Barton	Data reported to CDC
● MO, Boone	Data reported to CDC
● MO, Buchanan	Data reported to CDC
● MO, Butler	Data reported to CDC
● MO, Caldwell	Data reported to CDC
● MO, Callaway	Data reported to CDC
● MO, Carroll	Data reported to CDC
● MO, Cass	Data reported to CDC
● MO, Christian	Data reported to CDC
● MO, Clay	Data reported to CDC
● MO, Clinton	Data reported to CDC
● MO, Cole	Data reported to CDC
● MO, De Kalb	Data reported to CDC
● MO, Dent	Data reported to CDC
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● MO, Franklin	Data reported to CDC
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● MO, Henry	Data reported to CDC
● MO, Howell	Data reported to CDC
● MO, Jackson	Data reported to CDC
● MO, Jasper	Data reported to CDC
● MO, Jefferson	Data reported to CDC
● MO, Johnson	Data reported to CDC
● MO, Lincoln	Data reported to CDC
● MO, Linn	Data reported to CDC
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● MO, Platte	Data reported to CDC
● MO, Polk	Data reported to CDC
● MO, Ralls	Data reported to CDC

Location ▲	Reporting Status
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● MO, Stoddard	Data reported to CDC
● MO, Taney	Data reported to CDC
● MO, Vernon	Data reported to CDC
● MO, Webster	Data reported to CDC
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● MT, Gallatin	Data reported to CDC
● MT, Lewis And Clark	Data reported to CDC
● MT, Missoula	Data reported to CDC
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● NE, Buffalo	Data reported to CDC
● NE, Dawes	Data reported to CDC
● NE, Dodge	Data reported to CDC
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● NJ, Essex	Data reported to CDC
● NJ, Hudson	Data reported to CDC
● NJ, Middlesex	Data reported to CDC
● NJ, Monmouth	Data reported to CDC
● NJ, Passaic	Data reported to CDC
● NJ, Somerset	Data reported to CDC
● NJ, Union	Data reported to CDC
● NM, Bernalillo	Data reported to CDC

Location ▲	Reporting Status
 NM, Los Alamos	Data reported to CDC
 NM, Sandoval	Data reported to CDC
 NM, San Juan	Data reported to CDC
 NY, Albany	Data reported to CDC
 NY, Bronx	Data reported to CDC
 NY, Broome	Data reported to CDC
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 NY, Fulton	Data reported to CDC
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 NY, Ontario	Data reported to CDC
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 NY, Oswego	Data reported to CDC
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 NY, Putnam	Data reported to CDC
 NY, Queens	Data reported to CDC
 NY, Rensselaer	Data reported to CDC
 NY, Richmond	Data reported to CDC
 NY, Rockland	Data reported to CDC
 NY, St Lawrence	Data reported to CDC
 NY, Saratoga	Data reported to CDC
 NY, Schenectady	Data reported to CDC
 NY, Schoharie	Data reported to CDC

Location ▲	Reporting Status
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● NY, Steuben	Data reported to CDC
● NY, Suffolk	Data reported to CDC
● NY, Sullivan	Data reported to CDC
● NY, Tioga	Data reported to CDC
● NY, Tompkins	Data reported to CDC
● NY, Ulster	Data reported to CDC
● NY, Warren	Data reported to CDC
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● NC, Cumberland	Data reported to CDC
● NC, Duplin	Data reported to CDC
● NC, Durham	Data reported to CDC
● NC, Forsyth	Data reported to CDC
● NC, Greene	Data reported to CDC
● NC, Guilford	Data reported to CDC
● NC, Halifax	Data reported to CDC
● NC, Henderson	Data reported to CDC
● NC, Jackson	Data reported to CDC
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● NC, Mecklenburg	Data reported to CDC
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● OH, Allen	Data reported to CDC
● OH, Ashtabula	Data reported to CDC
● OH, Athens	Data reported to CDC

Location ▲	Reporting Status
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● OH, Brown	Data reported to CDC
● OH, Butler	Data reported to CDC
● OH, Clark	Data reported to CDC
● OH, Coshocton	Data reported to CDC
● OH, Crawford	Data reported to CDC
● OH, Cuyahoga	Data reported to CDC
● OH, Darke	Data reported to CDC
● OH, Defiance	Data reported to CDC
● OH, Erie	Data reported to CDC
● OH, Fairfield	Data reported to CDC
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● OH, Lucas	Data reported to CDC
● OH, Mahoning	Data reported to CDC
● OH, Marion	Data reported to CDC
● OH, Medina	Data reported to CDC
● OH, Mercer	Data reported to CDC
● OH, Miami	Data reported to CDC
● OH, Montgomery	Data reported to CDC
● OH, Muskingum	Data reported to CDC
● OH, Ottawa	Data reported to CDC
● OH, Pickaway	Data reported to CDC
● OH, Portage	Data reported to CDC
● OH, Preble	Data reported to CDC
● OH, Richland	Data reported to CDC
● OH, Sandusky	Data reported to CDC
● OH, Scioto	Data reported to CDC
● OH, Stark	Data reported to CDC
● OH, Summit	Data reported to CDC
● OH, Trumbull	Data reported to CDC
● OH, Tuscarawas	Data reported to CDC



Location ▲	Reporting Status
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● OH, Washington	Data reported to CDC
● OH, Wayne	Data reported to CDC
● OH, Williams	Data reported to CDC
● OH, Wood	Data reported to CDC
● OH, Wyandot	Data reported to CDC
● OK, Beckham	Data reported to CDC
● OK, Carter	Data reported to CDC
● OK, Comanche	Data reported to CDC
● OK, Garfield	Data reported to CDC
● OK, Murray	Data reported to CDC
● OR, Baker	Data reported to CDC
● OR, Benton	Data reported to CDC
● OR, Clackamas	Data reported to CDC
● OR, Clatsop	Data reported to CDC
● OR, Columbia	Data reported to CDC
● OR, Coos	Data reported to CDC
● OR, Deschutes	Data reported to CDC
● OR, Hood River	Data reported to CDC
● OR, Jackson	Data reported to CDC
● OR, Jefferson	Data reported to CDC
● OR, Josephine	Data reported to CDC
● OR, Klamath	Data reported to CDC
● OR, Lane	Data reported to CDC
● OR, Lincoln	Data reported to CDC
● OR, Linn	Data reported to CDC
● OR, Malheur	Data reported to CDC
● OR, Marion	Data reported to CDC
● OR, Multnomah	Data reported to CDC
● OR, Polk	Data reported to CDC
● OR, Umatilla	Data reported to CDC
● OR, Washington	Data reported to CDC
● OR, Yamhill	Data reported to CDC
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● PA, Butler	Data reported to CDC
● PA, Cumberland	Data reported to CDC
● PA, Dauphin	Data reported to CDC
● PA, Delaware	Data reported to CDC
● PA, Erie	Data reported to CDC
● PA, Franklin	Data reported to CDC
● PA, Lehigh	Data reported to CDC
● PA, Monroe	Data reported to CDC
● PA, Montgomery	Data reported to CDC
● PA, Westmoreland	Data reported to CDC

Location ▲	Reporting Status
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● RI, Bristol	Data reported to CDC
● RI, Kent	Data reported to CDC
● RI, Providence	Data reported to CDC
● SC, Charleston	Data reported to CDC
● SC, Darlington	Data reported to CDC
● SC, Florence	Data reported to CDC
● SC, Georgetown	Data reported to CDC
● SC, Greenville	Data reported to CDC
● SC, Greenwood	Data reported to CDC
● SC, Horry	Data reported to CDC
● SC, Kershaw	Data reported to CDC
● SC, Lexington	Data reported to CDC
● SC, Richland	Data reported to CDC
● SC, York	Data reported to CDC
● SD, Beadle	Data reported to CDC
● SD, Lincoln	Data reported to CDC
● SD, Minnehaha	Data reported to CDC
● SD, Pennington	Data reported to CDC
● SD, Yankton	Data reported to CDC
● TN, Bradley	Data reported to CDC
● TN, Davidson	Data reported to CDC
● TN, Rutherford	Data reported to CDC
● TN, Shelby	Data reported to CDC
● TN, Sumner	Data reported to CDC
● TN, Williamson	Data reported to CDC
● TX, Bexar	Data reported to CDC
● TX, Dallas	Data reported to CDC
● TX, El Paso	Data reported to CDC
● TX, Fort Bend	Data reported to CDC
● TX, Galveston	Data reported to CDC
● TX, Hardin	Data reported to CDC
● TX, Harris	Data reported to CDC
● TX, Kaufman	Data reported to CDC
● TX, Montgomery	Data reported to CDC
● TX, Travis	Data reported to CDC
● TX, Webb	Data reported to CDC
● UT, Box Elder	Data reported to CDC
● UT, Cache	Data reported to CDC
● UT, Carbon	Data reported to CDC
● UT, Davis	Data reported to CDC
● UT, Duchesne	Data reported to CDC
● UT, Grand	Data reported to CDC
● UT, Iron	Data reported to CDC

Location ▲	Reporting Status
● UT, Salt Lake	Data reported to CDC
● UT, San Juan	Data reported to CDC
● UT, Summit	Data reported to CDC
● UT, Tooele	Data reported to CDC
● UT, Uintah	Data reported to CDC
● UT, Utah	Data reported to CDC
● UT, Wasatch	Data reported to CDC
● UT, Washington	Data reported to CDC
● UT, Weber	Data reported to CDC
● VT, Bennington	Data reported to CDC
● VT, Caledonia	Data reported to CDC
● VT, Chittenden	Data reported to CDC
● VT, Franklin	Data reported to CDC
● VT, Windsor	Data reported to CDC
● VA, Albemarle	Data reported to CDC
● VA, Alleghany	Data reported to CDC
● VA, Amherst	Data reported to CDC
● VA, Arlington	Data reported to CDC
● VA, Bedford	Data reported to CDC
● VA, Botetourt	Data reported to CDC
● VA, Campbell	Data reported to CDC
● VA, Chesterfield	Data reported to CDC
● VA, Dinwiddie	Data reported to CDC
● VA, Fairfax	Data reported to CDC
● VA, Fauquier	Data reported to CDC
● VA, Franklin	Data reported to CDC
● VA, Frederick	Data reported to CDC
● VA, Gloucester	Data reported to CDC
● VA, Goochland	Data reported to CDC
● VA, Hanover	Data reported to CDC
● VA, Henrico	Data reported to CDC
● VA, Henry	Data reported to CDC
● VA, Isle Of Wight	Data reported to CDC
● VA, James City	Data reported to CDC
● VA, Loudoun	Data reported to CDC
● VA, Mathews	Data reported to CDC
● VA, Mecklenburg	Data reported to CDC
● VA, Montgomery	Data reported to CDC
● VA, New Kent	Data reported to CDC
● VA, Orange	Data reported to CDC
● VA, Pittsylvania	Data reported to CDC
● VA, Prince George	Data reported to CDC
● VA, Prince William	Data reported to CDC
● VA, Pulaski	Data reported to CDC

Location ▲	Reporting Status
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● VA, Roanoke	Data reported to CDC
● VA, Rockingham	Data reported to CDC
● VA, Stafford	Data reported to CDC
● VA, Washington	Data reported to CDC
● VA, Wise	Data reported to CDC
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● VA, Alexandria City	Data reported to CDC
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● VA, Colonial Heights Cit	Data reported to CDC
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● VA, Hampton City	Data reported to CDC
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● VA, Hopewell City	Data reported to CDC
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● VA, Manassas Park City	Data reported to CDC
● VA, Newport News City	Data reported to CDC
● VA, Norfolk City	Data reported to CDC
● VA, Petersburg City	Data reported to CDC
● VA, Poquoson City	Data reported to CDC
● VA, Portsmouth City	Data reported to CDC
● VA, Radford City	Data reported to CDC
● VA, Richmond City	Data reported to CDC
● VA, Salem City	Data reported to CDC
● VA, Suffolk City	Data reported to CDC
● VA, Virginia Beach City	Data reported to CDC
● VA, Williamsburg City	Data reported to CDC
● WA, Benton	Data reported to CDC
● WA, Chelan	Data reported to CDC
● WA, Clark	Data reported to CDC
● WA, Franklin	Data reported to CDC
● WA, Grant	Data reported to CDC
● WA, Jefferson	Data reported to CDC
● WA, King	Data reported to CDC
● WA, Pierce	Data reported to CDC
● WA, Snohomish	Data reported to CDC
● WA, Spokane	Data reported to CDC
● WV, Boone	Data reported to CDC
● WV, Brooke	Data reported to CDC
● WV, Cabell	Data reported to CDC
● WV, Harrison	Data reported to CDC
● WV, Kanawha	Data reported to CDC
● WV, Lewis	Data reported to CDC
● WV, Marshall	Data reported to CDC

Location ▲	Reporting Status
● WV, Mercer	Data reported to CDC
● WV, Mineral	Data reported to CDC
● WV, Monongalia	Data reported to CDC
● WV, Ohio	Data reported to CDC
● WV, Putnam	Data reported to CDC
● WV, Raleigh	Data reported to CDC
● WV, Randolph	Data reported to CDC
● WV, Taylor	Data reported to CDC
● WV, Wayne	Data reported to CDC
● WV, Wood	Data reported to CDC
● WI, Ashland	Data reported to CDC
● WI, Brown	Data reported to CDC
● WI, Calumet	Data reported to CDC
● WI, Chippewa	Data reported to CDC
● WI, Columbia	Data reported to CDC
● WI, Dane	Data reported to CDC
● WI, Dodge	Data reported to CDC
● WI, Douglas	Data reported to CDC
● WI, Dunn	Data reported to CDC
● WI, Eau Claire	Data reported to CDC
● WI, Grant	Data reported to CDC
● WI, Green	Data reported to CDC
● WI, Jackson	Data reported to CDC
● WI, Jefferson	Data reported to CDC
● WI, Juneau	Data reported to CDC
● WI, Kenosha	Data reported to CDC
● WI, Kewaunee	Data reported to CDC
● WI, La Crosse	Data reported to CDC
● WI, Lincoln	Data reported to CDC
● WI, Manitowoc	Data reported to CDC
● WI, Marathon	Data reported to CDC
● WI, Marinette	Data reported to CDC
● WI, Milwaukee	Data reported to CDC
● WI, Outagamie	Data reported to CDC
● WI, Ozaukee	Data reported to CDC
● WI, Pierce	Data reported to CDC
● WI, Portage	Data reported to CDC
● WI, Racine	Data reported to CDC
● WI, Rock	Data reported to CDC
● WI, St Croix	Data reported to CDC
● WI, Sheboygan	Data reported to CDC
● WI, Taylor	Data reported to CDC
● WI, Vernon	Data reported to CDC
● WI, Walworth	Data reported to CDC



Location ▲	Reporting Status
● WI, Washington	Data reported to CDC
● WI, Waukesha	Data reported to CDC
● WI, Waupaca	Data reported to CDC
● WI, Winnebago	Data reported to CDC
● WI, Wood	Data reported to CDC
● GU, Guam	Data reported to CDC

Data table showing data for the United States County Map figure.

Data current as of October 2022

Data reported to CDC is based on wastewater treatment plant service area and may not include all areas of a county. See wastewater surveillance data on [CDC’s COVID Data Tracker](#).

The program has made great strides since it started in September 2020:

Expanded testing

As of October 2022,

- More than 1,250 testing sites in the United States have begun wastewater surveillance efforts, including those in jurisdiction-led programs and those participating through a commercial contract managed by CDC.
- Over 90,000 samples have been collected from municipal wastewater systems serving about 2 in 5 people in the United States (more than 133 million people).
- Community wastewater data are publicly available on COVID Data Tracker and updated daily.

Increased capacity

- Since 2020, CDC has awarded more than \$100 million to support wastewater surveillance and related activities in 46 states, 5 cities, and 2 territories.
  - In August 2022, CDC awarded \$64 million to support wastewater surveillance and related activities in 42 states and 5 cities. As part of this work, CDC funded two Centers of Excellence, in Houston and Colorado, that serve as leaders in wastewater surveillance implementation and coordination.
- Jurisdictions participating in NWSS can access and visualize their data in real time via a secure, online platform.
- Health departments, laboratories, and wastewater utilities participate in national communities of practice to share successes, help shape best practices, and learn from other implementing partners.
- CDC experts provide ongoing technical guidance and data analysis to participating jurisdictions.

Looking forward

- CDC funding for wastewater surveillance is available to eligible jurisdictions through the annual Epidemiology and Laboratory Capacity funding opportunity.
- CDC is learning more about how NWSS can track other disease threats in partnership with health departments.

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