



COVID-19 Update for August 3, 2022

(updated at 10:30 am on 8/3/22)

Persons Currently Hospitalized in County due to COVID or COVID complications [^]	7-Day Average % Positive*	CDC COVID-19 Community Level
6 (8/1)	12.7%	LOW

[^]This number includes people currently hospitalized in Chautauqua County facilities due to COVID-19, and does not include residents who are hospitalized outside of Chautauqua County

*<https://forward.ny.gov/percentage-positive-results-county-dashboard>

<https://www.cdc.gov/coronavirus/2019-ncov/your-health/covid-by-county.html>

Chautauqua County Residents Vaccinated for COVID-19

People Vaccinated	At Least One Dose	Fully Vaccinated (Completed Primary Series)	Percent of Fully Vaccinated Population with a Booster Dose
Total County Population	66.8%	60.2%	54.7%
Population ≥ 5 Years of Age	70.6%	63.7%	N/A
Population ≥ 12 Years of Age	74.3%	67.0%	56.5%
Population ≥ 18 Years of Age	76.0%	68.4%	58.3%
Population ≥ 65 Years of Age	95.0%	86.2%	74.0%

Source: <https://covid.cdc.gov/covid-data-tracker/#county-view>

Data as of August 3, 2022

COVID-19 Levels in NYS Wastewater by County

To view the New York State Wastewater Surveillance Network Dashboard, visit:

<https://mbcolli.shinyapps.io/SARS2EWSP/#>

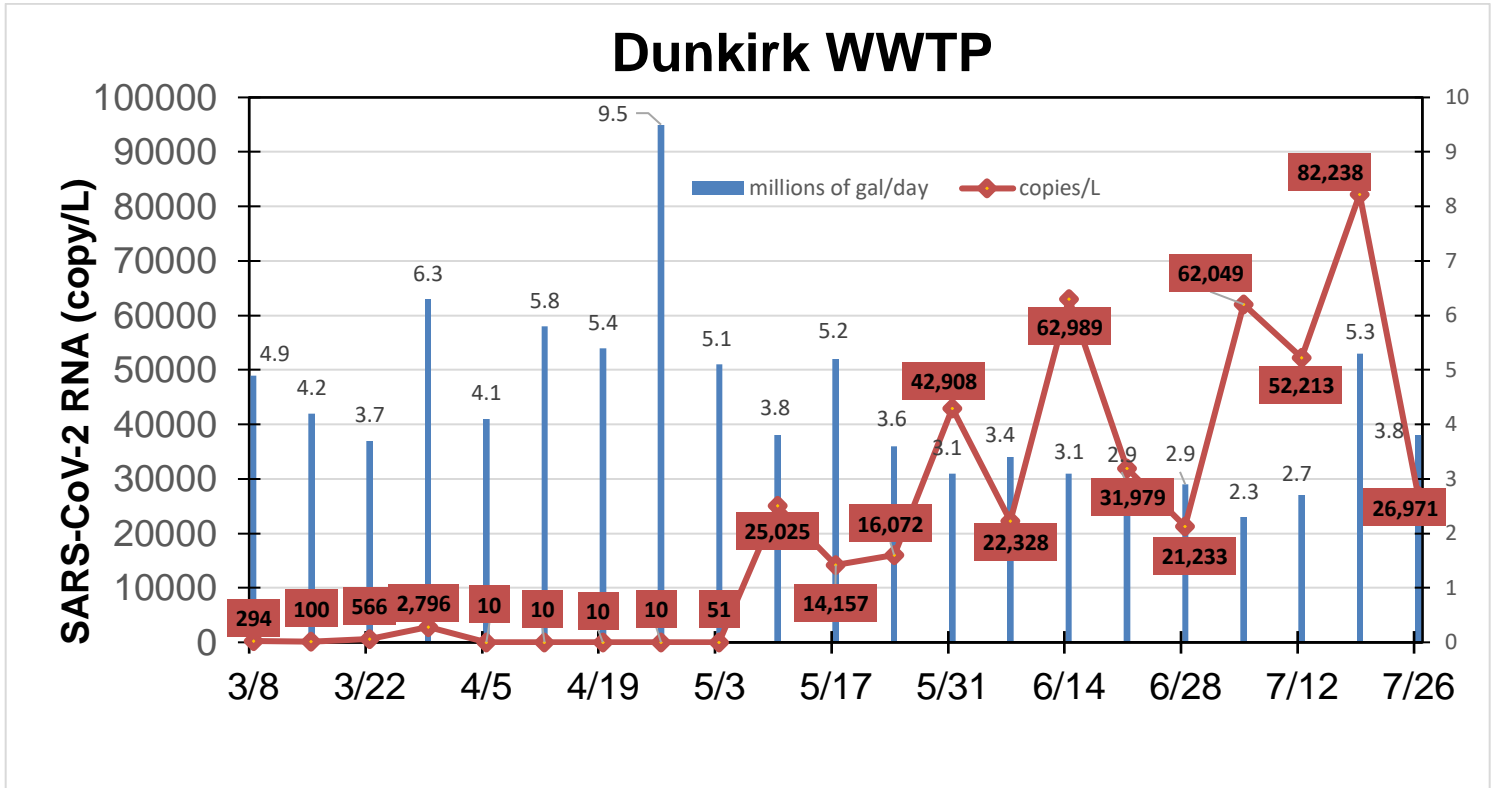
****To view the Chautauqua County COVID-19 Wastewater Analysis Dashboard visit:**

<https://www.arcgis.com/apps/dashboards/1b4b95a32e7d4c939cdaa4c41581e7c5>

COVID-19 Wastewater Analysis Data

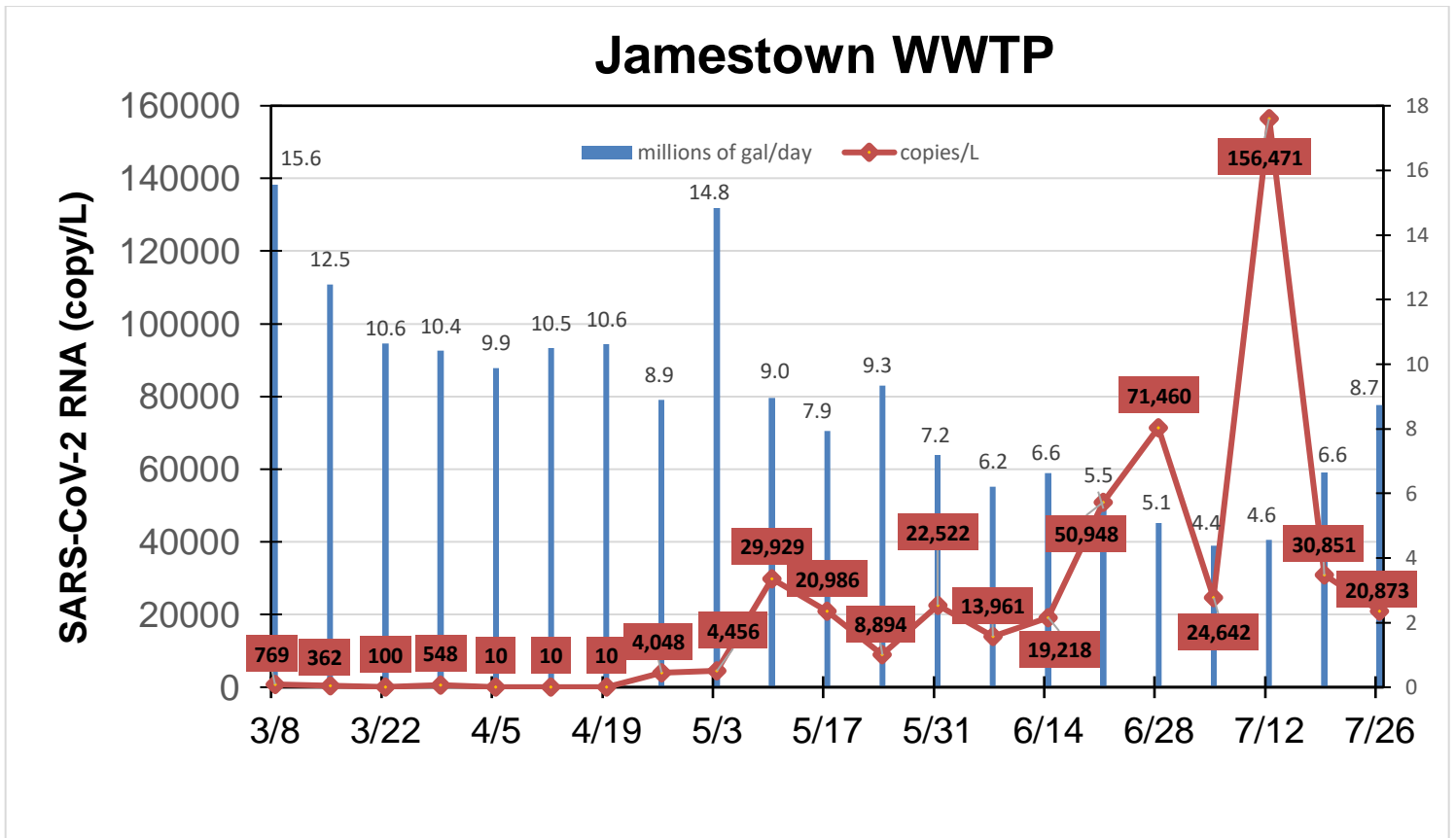
Dunkirk: COVID-19 Levels are **HIGH**

Wastewater samples represent the entire City of Dunkirk.



Jamestown: COVID-19 Levels are **HIGH**

Wastewater samples are representative of all contributions from the City of Jamestown and the Village of Falconer.



Please note (5/26/22) – The samples taken on May 10, 2022 were re-analyzed in the lab due to the surprisingly small number of RNA copies detected given the increasing number of cases in the community. It was discovered that there was a chemical interference with the test that was used which has been corrected and will be avoided in future analysis. The data displayed above is correct.

Please note (5/4/22):

Wastewater results now include the total flow of gallons per day (in blue) being treated at each wastewater treatment plant. Higher flow rates through the treatment plant can dilute the wastewater sample and reduce the amount of SARS-CoV-2 RNA copies found per liter. Including wastewater, the Dunkirk Wastewater treatment facility processes storm water and Jamestown BPU Wastewater treatment facility accepts septic and landfill waste. Storm water, as well as, septic and landfill waste can dilute the sample being taken for wastewater analysis.

Resources for Additional Information:

COVID-19 Data in New York

Includes data at various levels (ZIP code, regional, statewide) for positive COVID-19 tests over time, reinfection, variants, breakthrough cases, hospitalizations, fatalities, hospital bed capacity, vaccination progress, demographic vaccination data, ZIP code vaccination data, and more.

<https://coronavirus.health.ny.gov/covid-19-data-new-york>

COVID-19 Community Levels

CDC looks at the combination of three metrics — new COVID-19 admissions per 100,000 population in the past 7 days, the percent of staffed inpatient beds occupied by COVID-19 patients, and total new COVID-19 cases per 100,000 population in the past 7 days — to determine the COVID-19 community level. New COVID-19 admissions and the percent of staffed inpatient beds occupied represent the current potential for strain on the health system. Data on new cases acts as an early warning indicator of potential increases in health system strain in the event of a COVID-19 surge.

Using these data, the COVID-19 community level is classified as low, medium, or high.

<https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>

CDC COVID Data Tracker (COVID-19 Integrated County View)

Includes level of community COVID-19 transmission by county, county-level cases and case rates, deaths and death rates, tests and testing rates, and vaccination and booster rates by age group and county.

https://covid.cdc.gov/covid-data-tracker/#county-view?list_select_state=all_states&list_select_county=36013&data-type=Risk

Johns Hopkins University COVID-19 United States Cases by County

Map of cases, deaths, and hospital admissions by U.S. County.

<https://coronavirus.jhu.edu/us-map>