

Nebraska Wastewater Surveillance Report

Facility Report for Grand Island WWTP

Report for Week Ending: 8/3/24 (Week 31)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 7/28/2024

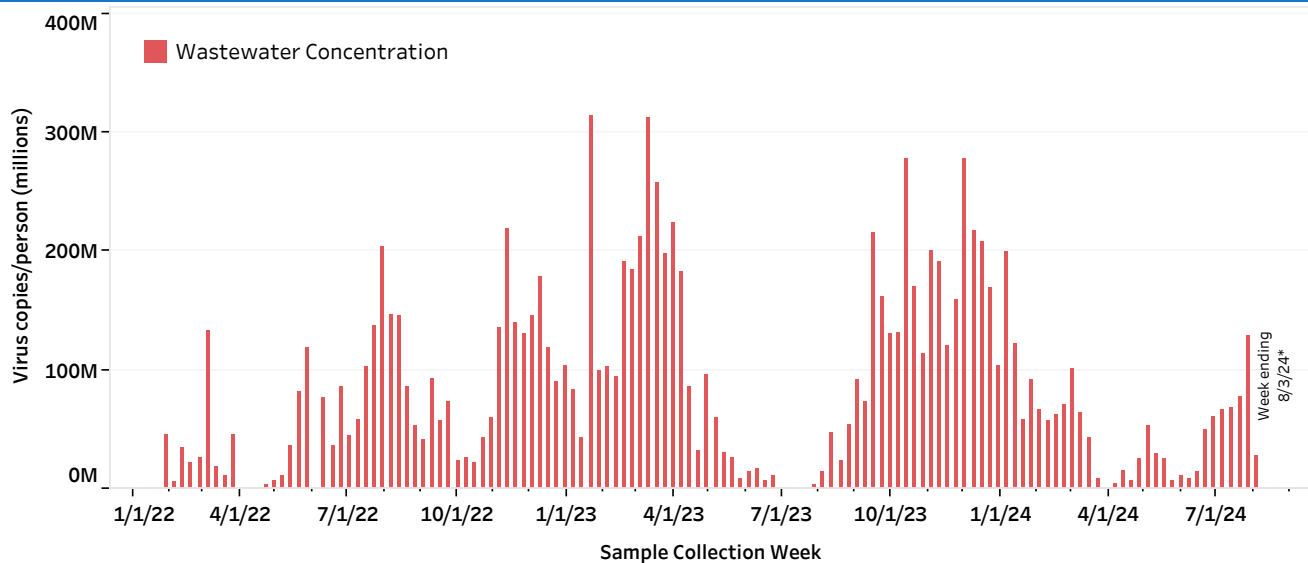
Result: **Detected**

Raw Concentration: **31,391** copies/L

Normalized concentration: **27.6M** copies/person

Normalized concentration is the raw concentration adjusted for sewage flow rate and population, in million virus copies per person.

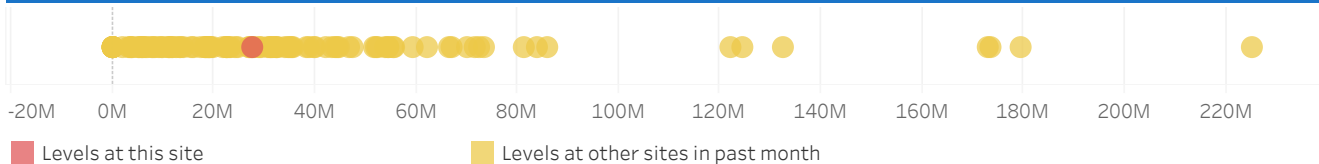
SARS-CoV-2 normalized wastewater concentration weekly average



SARS-CoV-2 wastewater concentrations by collection date: Last 8 samples

	7/3/24	7/7/24	7/10/24	7/14/24	7/17/24	7/21/24	7/24/24	7/28/24
Raw Concentration (copies/L)	81,500	86,484	58,469	87,234	78,844	186,828	91,016	31,391
Normalized Concentration (copies/person)	79.6M	81.3M	54.4M	81.2M	73.4M	173.4M	83.8M	27.6M

Comparison of normalized virus concentrations to all other Nebraska sites in last 1 month



All data presented are preliminary and subject to change. WWTP=wastewater treatment plant; M=million.

Weekly average of Wastewater SARS-CoV-2 levels are shown as red bars. Levels shown here are normalized to adjust for flow rate and population.

*Wastewater data for the most recent week is marked as preliminary. Data may be revised when wastewater samples are received for previous weeks.

Data Source: Nebraska Wastewater Surveillance System (NeWSS). Project in collaboration between Nebraska DHHS, UNL, Nebraska Public Health Lab (NPHL), and local public health departments.

For more information: <https://www.cdc.gov/nwss/wastewater-surveillance.html>