

Nebraska Wastewater Surveillance Report

Facility Report for Grand Island WWTP

Report for Week Ending: 8/17/24 (Week 33)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 8/11/2024

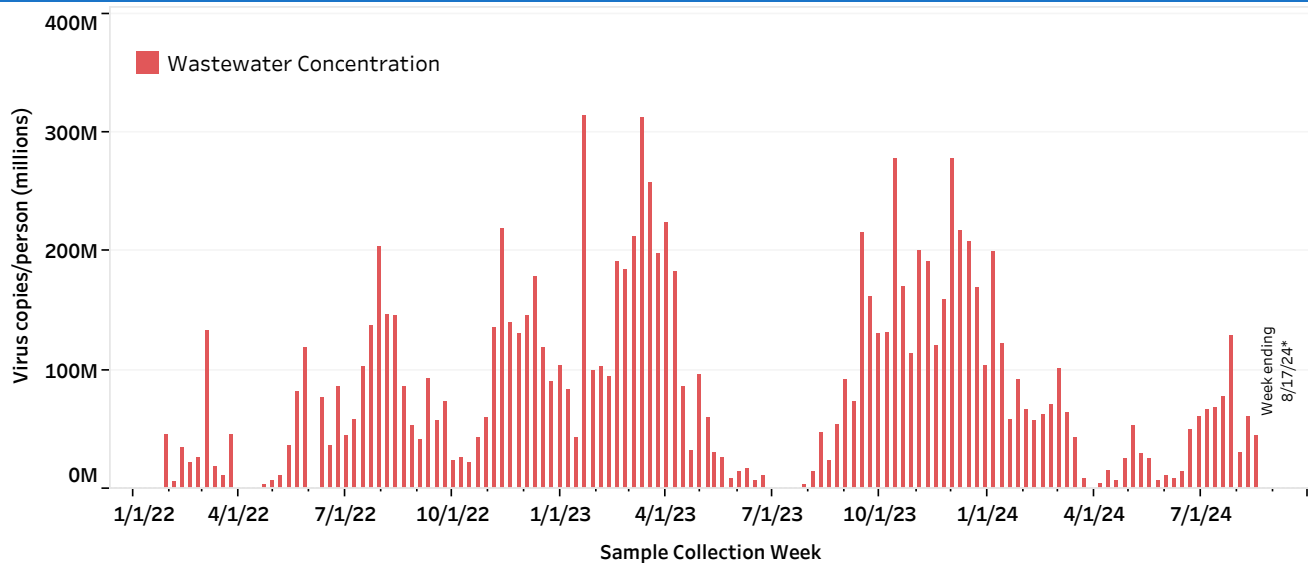
Result: **Detected**

Raw Concentration: **51,250** copies/L

Normalized concentration: **44.2M** copies/person

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

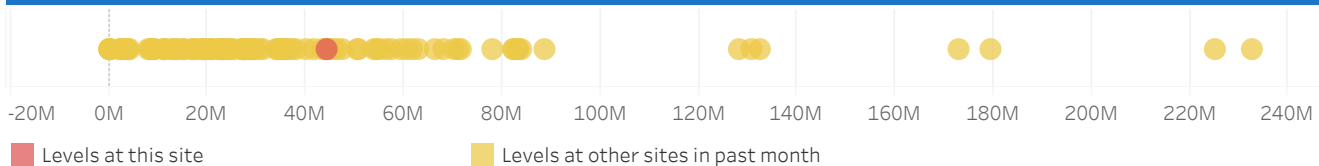
SARS-CoV-2 normalized wastewater concentration weekly average



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

	7/17/24	7/21/24	7/24/24	7/28/24	7/31/24	8/4/24	8/7/24	8/11/24
Raw Concentration (copies/L)	78,844	186,828	91,016	31,391	42,532	87,188	50,625	51,250
Normalized Concentration (copies/person)	73.4M	173.4M	83.8M	27.6M	34.1M	77.9M	43.9M	44.2M

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>