

Nebraska Wastewater Surveillance Report

Facility Report for Grand Island WWTP

Report for Week Ending: 10/5/24 (Week 40)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 9/29/2024

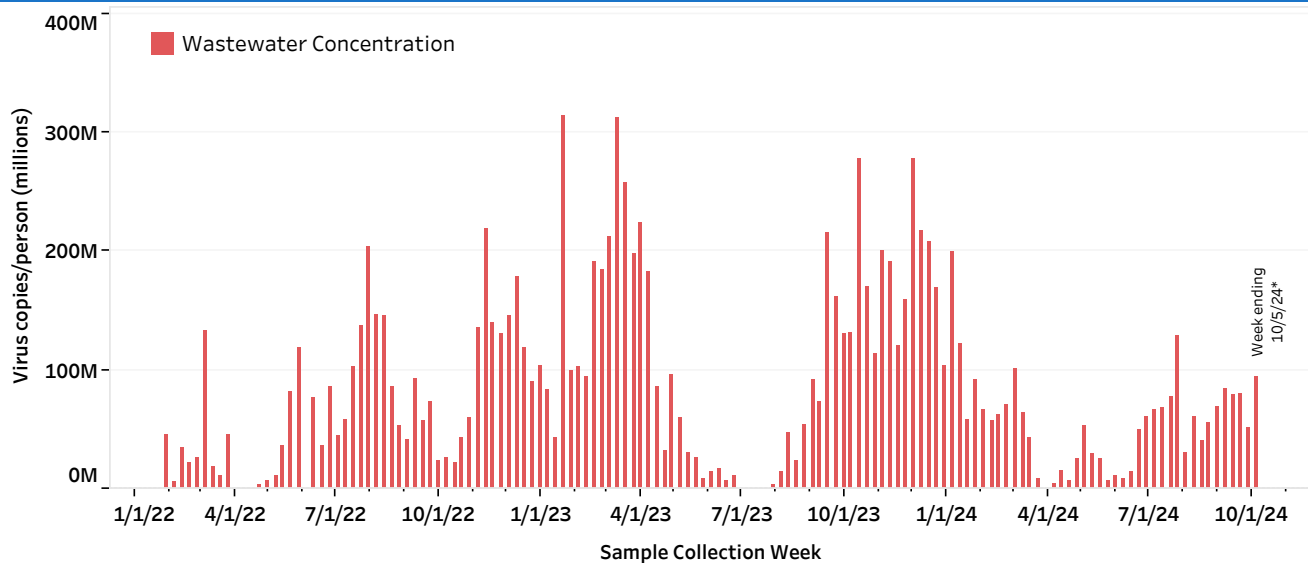
Result: **Detected**

Raw Concentration: **112,219** copies/L

Normalized concentration: **93.6M** copies/person

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

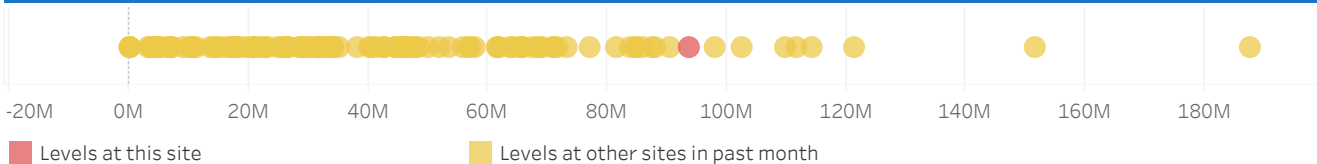
SARS-CoV-2 normalized wastewater concentration weekly average



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

	9/4/24	9/8/24	9/11/24	9/15/24	9/18/24	9/22/24	9/25/24	9/29/24
Raw Concentration (copies/L)	125,969	85,422	107,547	134,813	61,672	67,844	55,156	112,219
Normalized Concentration (copies/person)	102.8M	70.9M	87.9M	109.7M	50.0M	55.8M	45.5M	93.6M

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>