

Nebraska Wastewater Surveillance Report

Facility Report for Hastings WWTP

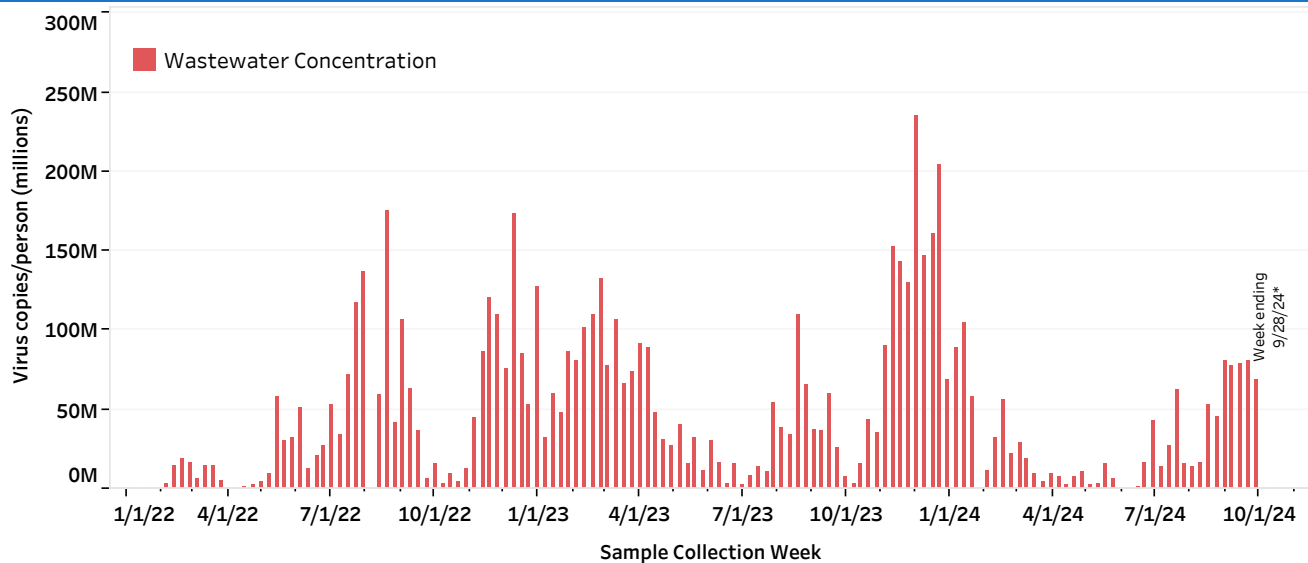
Report for Week Ending: 9/28/24 (Week 39)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 9/24/2024
 Result: **Detected**
 Raw Concentration: **111,047** copies/L
 Normalized concentration: **68.3M** copies/person

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

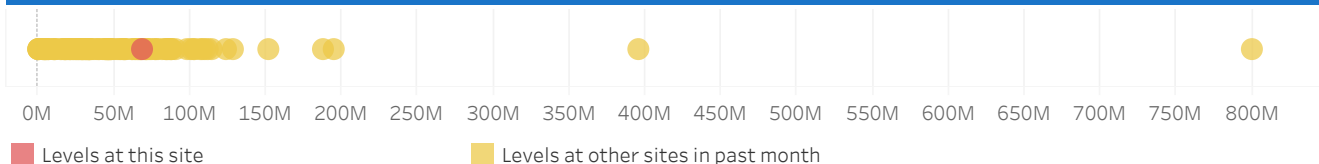
SARS-CoV-2 normalized wastewater concentration weekly average



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

	8/29/24	9/3/24	9/5/24	9/9/24	9/12/24	9/17/24	9/18/24	9/24/24
Raw Concentration (copies/L)	137,500	179,734	75,141	114,797	136,609	80,219	186,234	111,047
Normalized Concentration (copies/person)	86.7M	107.9M	47.2M	73.2M	83.8M	48.4M	114.2M	68.3M

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>