

Nebraska Wastewater Surveillance Report

Facility Report for Hastings WWTP

Report for Week Ending: 9/21/24 (Week 38)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 9/17/2024

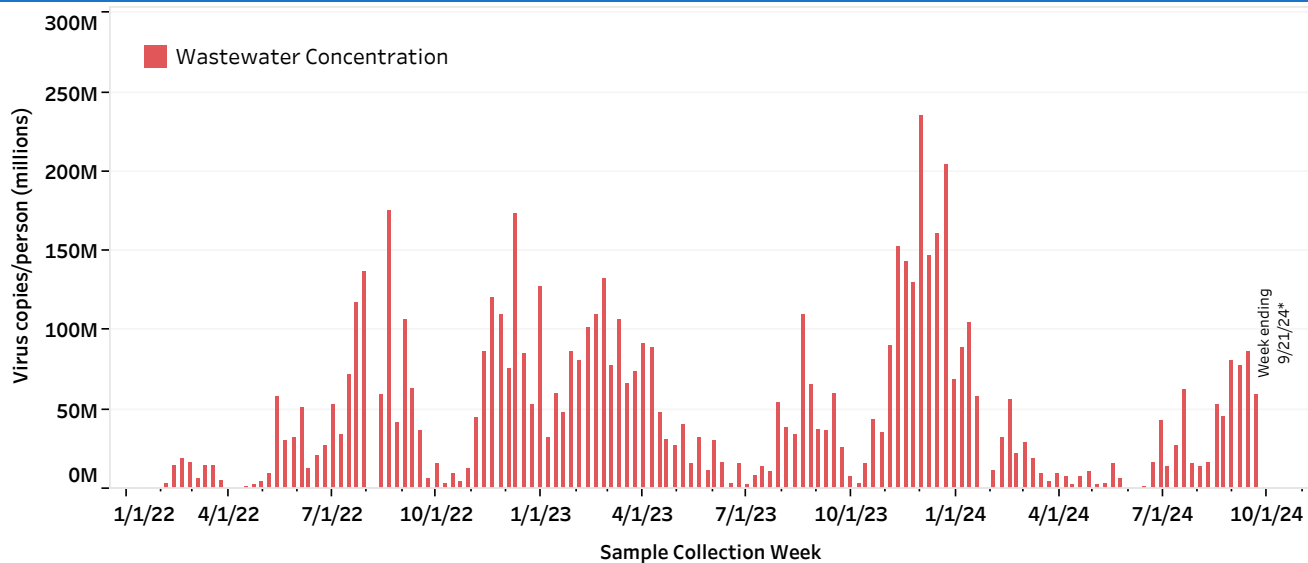
Result: **Detected**

Raw Concentration: **98,391** copies/L

Normalized concentration: **59.4M** copies/person

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

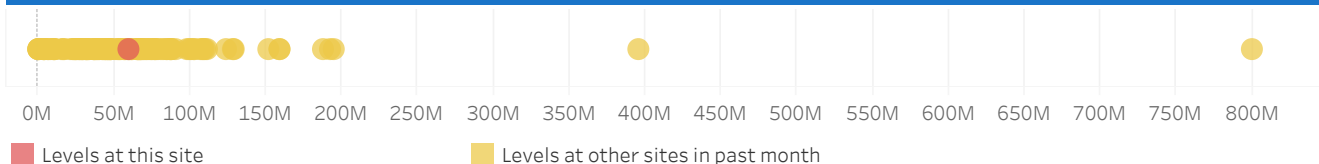
SARS-CoV-2 normalized wastewater concentration weekly average



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

	8/22/24	8/27/24	8/29/24	9/3/24	9/5/24	9/9/24	9/12/24	9/17/24
Raw Concentration (copies/L)	119,609	113,859	137,500	179,734	75,141	114,797	162,203	98,391
Normalized Concentration (copies/person)	73.7M	74.8M	86.7M	107.9M	47.2M	73.2M	99.4M	59.4M

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>