

Nebraska Wastewater Surveillance Report

Facility Report for Hastings WWTP

Report for Week Ending: 10/12/24 (Week 41)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 10/8/2024

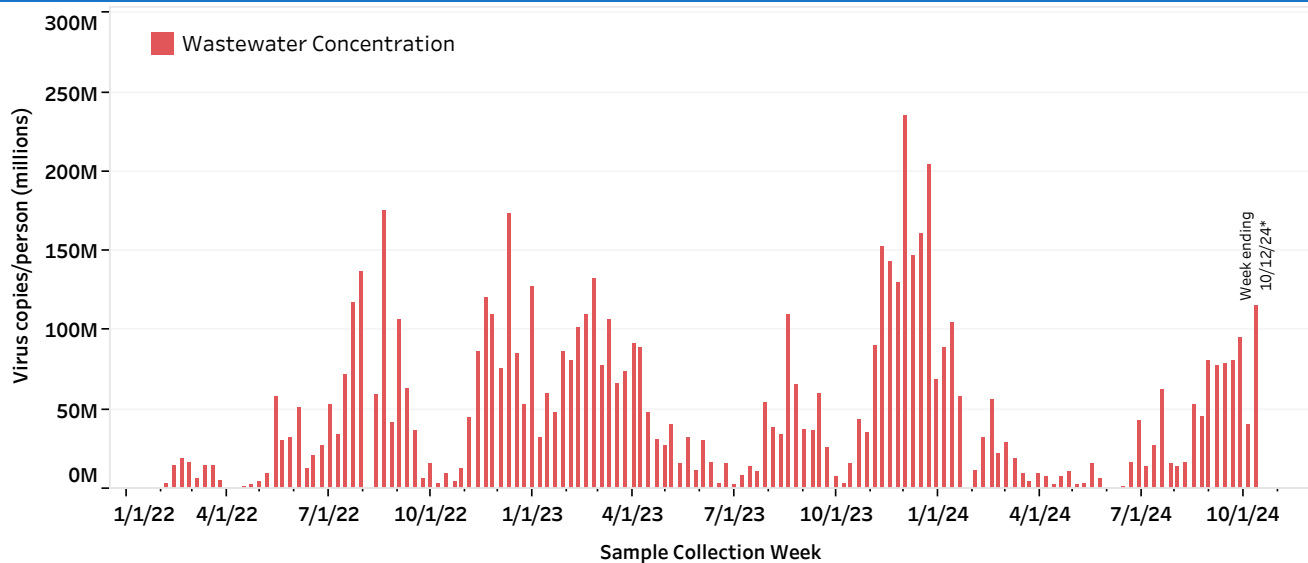
Result: **Detected**

Raw Concentration: **209,625** copies/L

Normalized concentration: **115.4M** copies/person

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

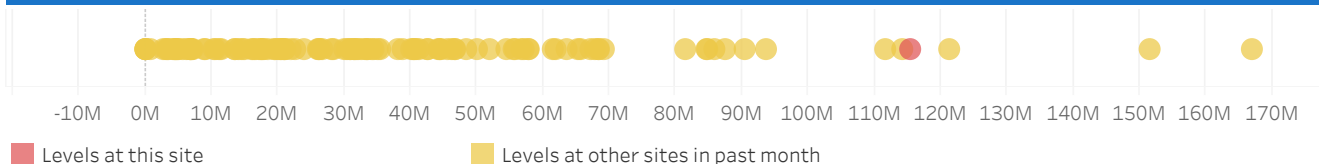
SARS-CoV-2 normalized wastewater concentration weekly average



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

	9/12/24	9/17/24	9/18/24	9/24/24	9/26/24	10/1/24	10/3/24	10/8/24
Raw Concentration (copies/L)	136,609	80,219	186,234	111,047	199,078	43,219	102,906	209,625
Normalized Concentration (copies/person)	83.8M	48.4M	114.2M	68.3M	121.3M	26.2M	55.5M	115.4M

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>