

Nebraska Wastewater Surveillance for SARS-CoV-2

Facility Report for Hastings WWTP

Report for Week Ending: 12/23/23 (Week 51)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 12/19/23

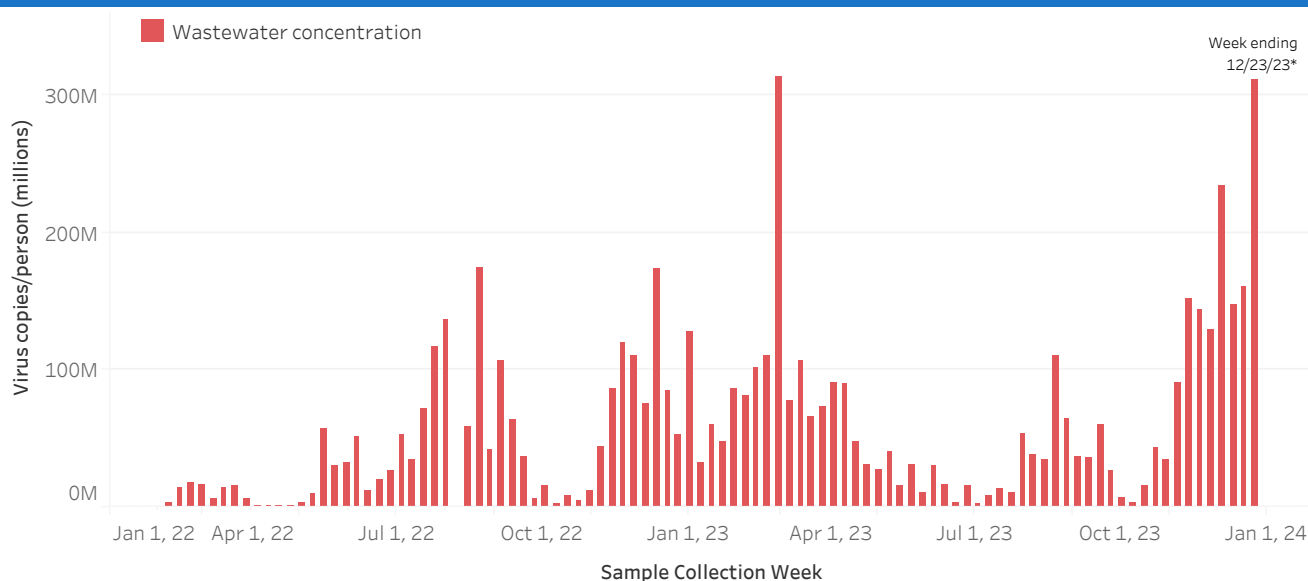
Result: **Detected**

Raw Concentration: **564,375** copies/L

Normalized concentration: **310.9M** copies/person

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

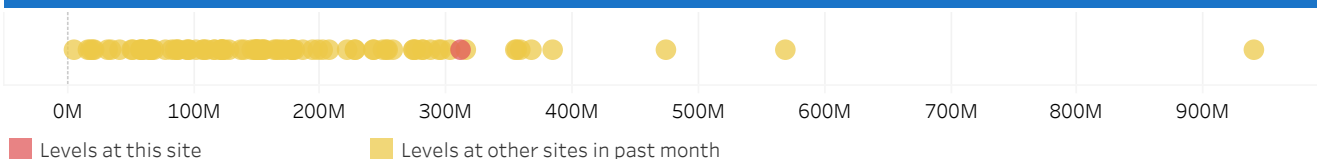
SARS-CoV-2 normalized wastewater concentration weekly average



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

	11/21/23	11/28/23	11/30/23	12/4/23	12/7/23	12/12/23	12/14/23	12/19/23
Raw Concentration (copies/L)	235,395	503,415	327,555	89,190	435,960	464,490	124,563	564,375
Normalized Concentration (copies/person)	137.0M	283.6M	185.8M	51.2M	242.1M	252.1M	67.9M	310.9M

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. The trends may fluctuate as the data from wastewater sites are submitted for the 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>