

Nebraska Wastewater Surveillance for SARS-CoV-2 Facility Report for Hastings WWTP

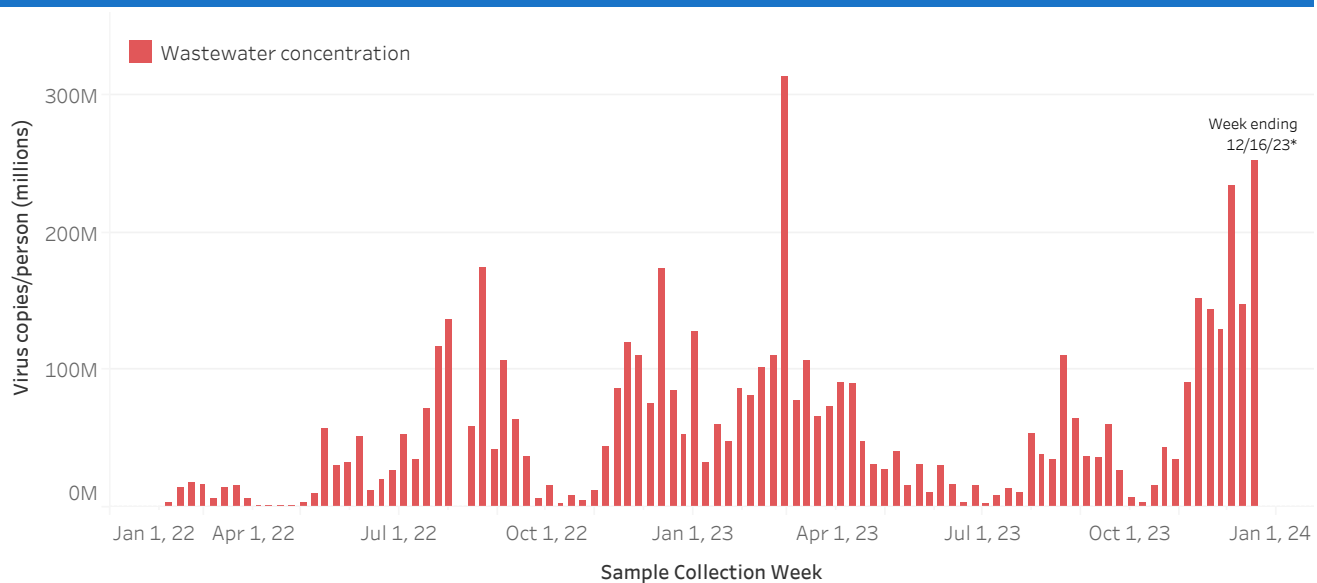
Report for Week Ending: 12/16/23 (Week 50)

SARS-CoV-2 virus concentration in wastewater

Sample collection date: 12/12/23
Result: **Detected**
Raw Concentration: **464,490** copies/L
Normalized concentration: **252.1M** copies/person

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

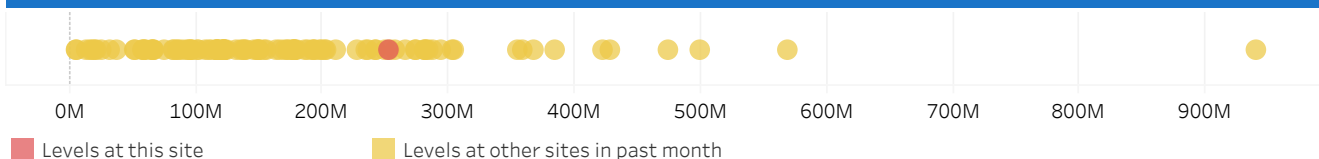
SARS-CoV-2 normalized wastewater concentration weekly average



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

	11/16/23	11/20/23	11/21/23	11/28/23	11/30/23	12/4/23	12/7/23	12/12/23
Raw Concentration (copies/L)	371,025	213,615	235,395	503,415	327,555	89,190	435,960	464,490
Normalized Concentration (copies/person)	199.4M	121.8M	137.0M	283.6M	185.8M	51.2M	242.1M	252.1M

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>