

# Nebraska Wastewater Surveillance Report

## Facility Report for Hastings WWTP

Report for Week Ending: 2/24/24 (Week 8)

### SARS-CoV-2 virus concentration in wastewater

Sample collection date: 2/20/2024

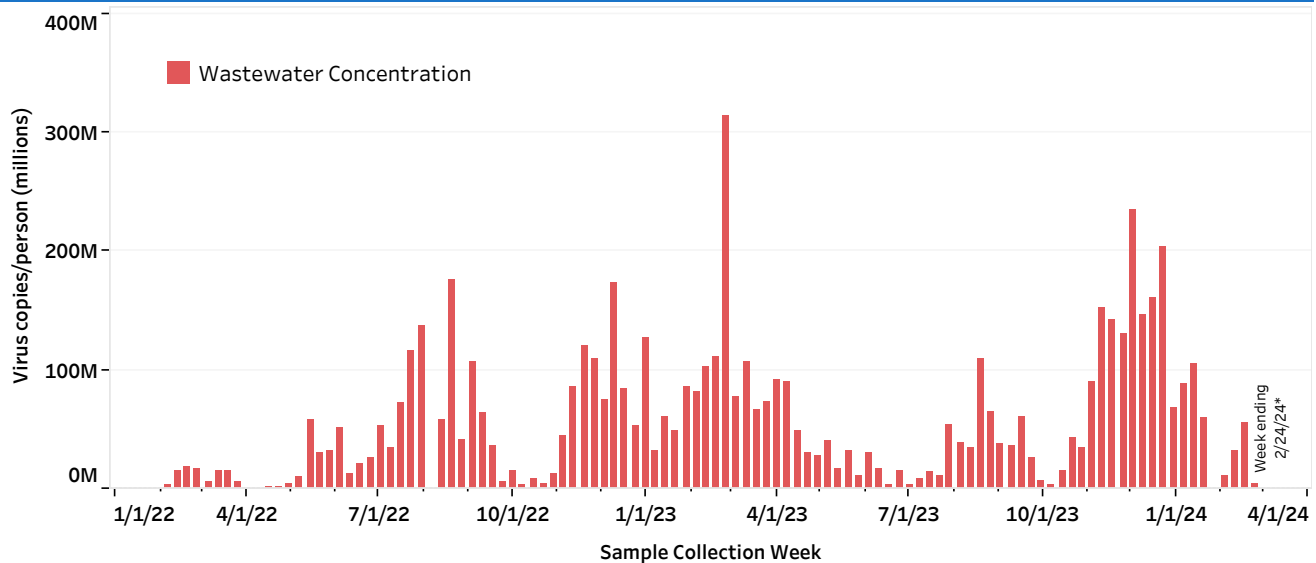
Result: **Detected**

Raw Concentration: **6,359** copies/L

Normalized concentration: **3.9M** copies/person

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

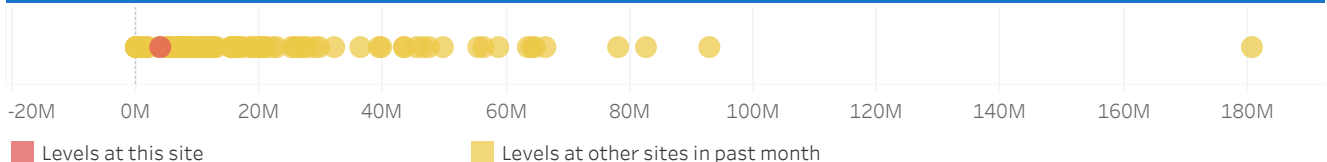
### SARS-CoV-2 normalized wastewater concentration weekly average



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

|  | 1/10/24 | 1/16/24 | 2/1/24 | 2/6/24 | 2/8/24 | 2/13/24 | 2/15/24 | 2/20/24 |
|--|---------|---------|--------|--------|--------|---------|---------|---------|
| Raw Concentration (copies/L)             | 255,234 | 97,875  | 17,531 | 40,750 | 63,438 | 104,906 | 74,234  | 6,359   |
| Normalized Concentration (copies/person) | 148.2M  | 59.3M   | 11.2M  | 25.2M  | 39.7M  | 64.6M   | 46.5M   | 3.9M    |

### 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. 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>