

# Nebraska Wastewater Surveillance Report

## Facility Report for Grand Island WWTP

Report for Week Ending: 4/20/24 (Week 16)

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

Sample collection date: 4/14/2024

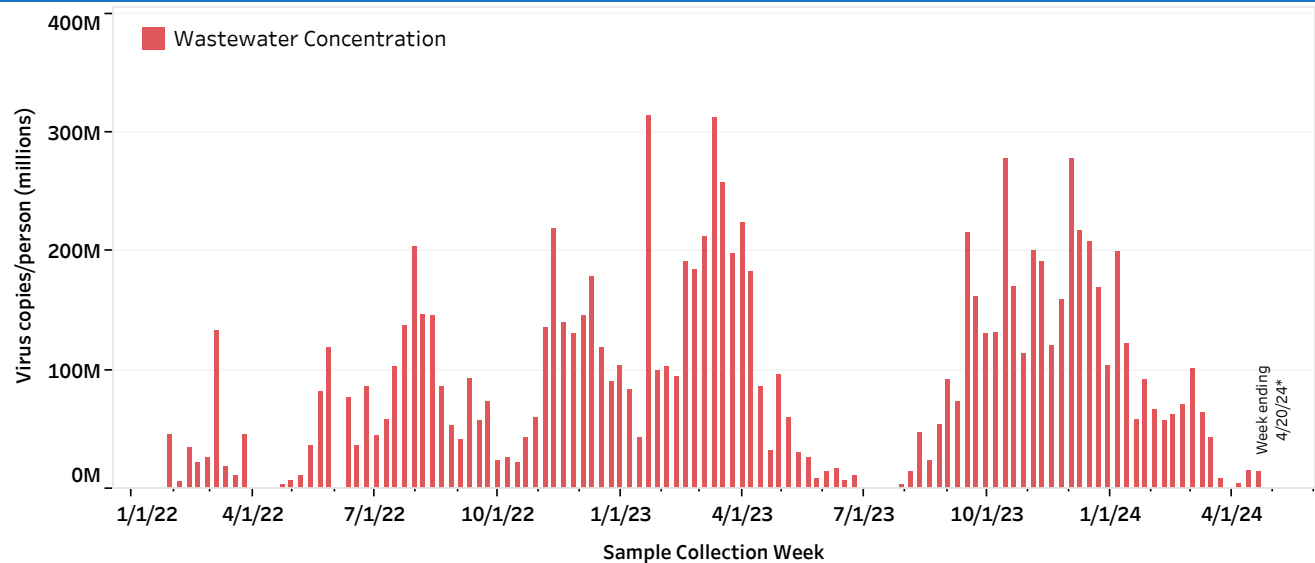
Result: **Detected**

Raw Concentration: **18,781** copies/L

Normalized concentration: **14.1M** 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

	3/20/24	3/24/24	3/27/24	3/31/24	4/3/24	4/7/24	4/10/24	4/14/24
Raw Concentration (copies/L)	23,984	0	0	12,109	0	28,984	12,297	18,781
Normalized Concentration (copies/person)	17.7M	0.0M	0.0M	8.9M	0.0M	21.5M	9.2M	14.1M

### 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. 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>