Wastewater Trend Analysis Report: SARS-CoV-2 Detection by N1 and N2 RT-qPCR



Agence de la santé publique du Canada **Public Health** Agency of Canada



Statistics Canada

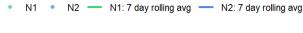
Statistique Canada

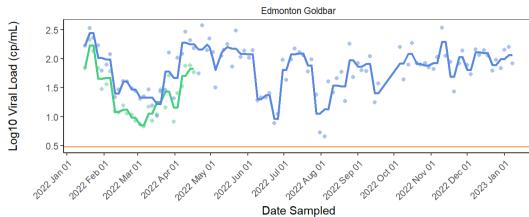
Longitudinal data ending 2023-01-15

The graphs show the concentration (copies/mL) of the SARS-CoV-2 N1 and N2 genes in wastewater samples from different sites using RT-qPCR. N1 (green) and N2 (blue) are reported for a one year period with lines representing the 7-day rolling average. The orange line represents the limit of quantification of the assay.

Beginning the week of April 25, 2022, the NML will no longer be performing the N1 assay and will only report the N2 results. Since the detection of Omicron in wastewater in late December 2021, our results have shown the N2 assay is more sensitive than N1.

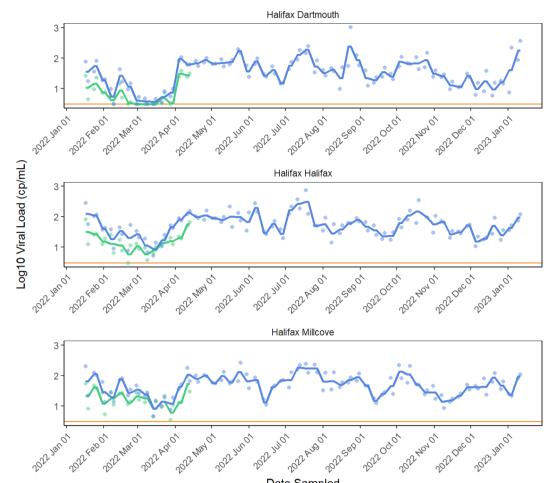
Edmonton





Halifax

N1: 7 day rolling avg — N2: 7 day rolling avg

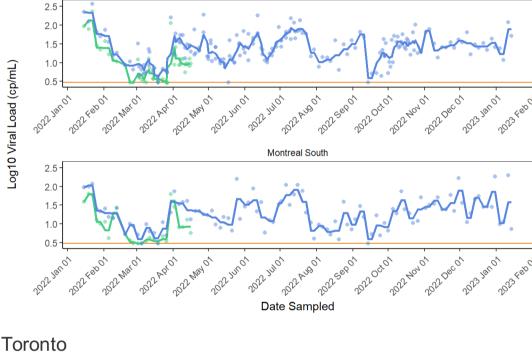


Montreal

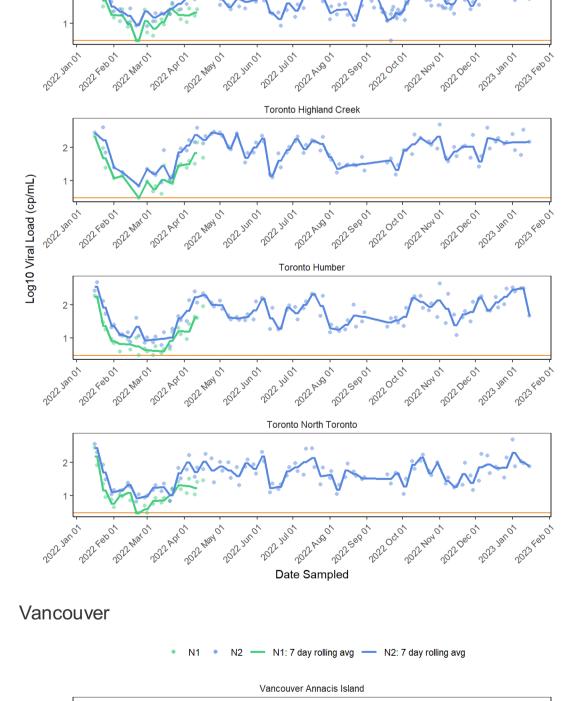
Montreal North

N1 • N2 — N1: 7 day rolling avg — N2: 7 day rolling avg

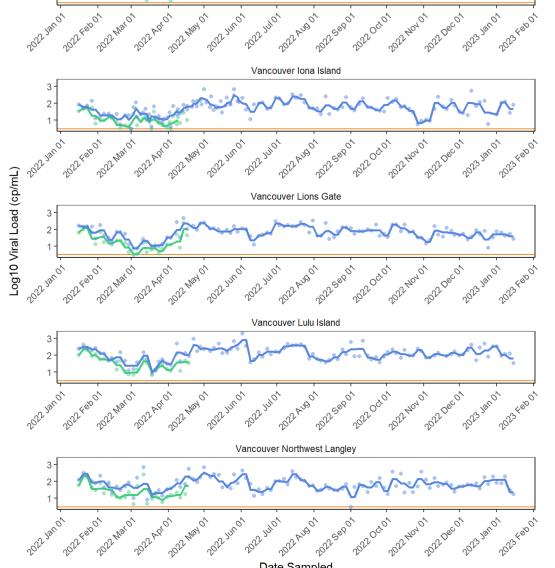
Date Sampled



N1: 7 day rolling avg
N2: 7 day rolling avg







Date Sampled