

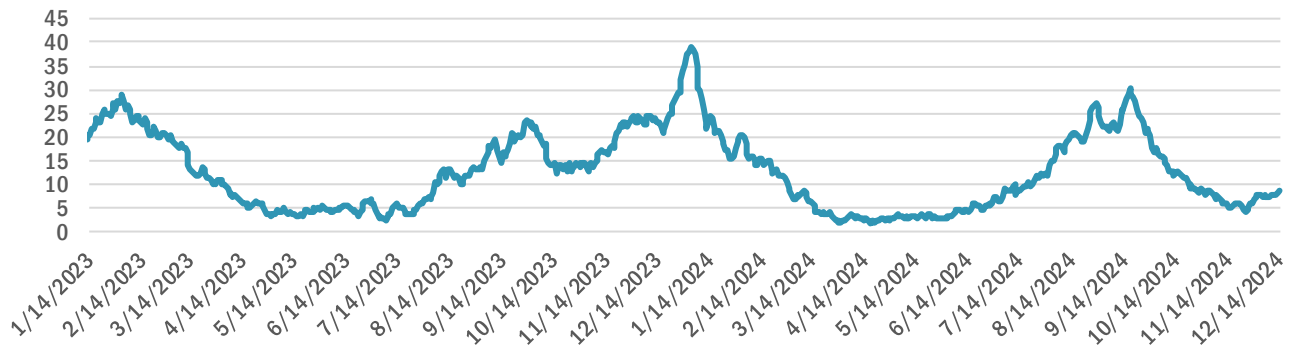
Report Timeframe: December 8 to December 14, 2024

Current Vermont Department of Health recommendations on [preventing COVID-19](#).

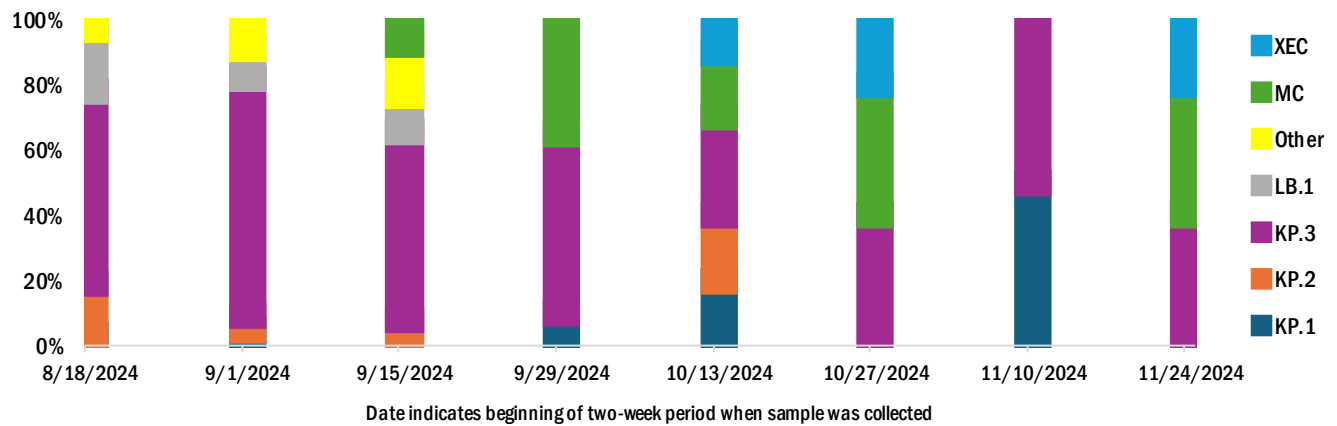
Syndromic Surveillance

The Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) reflects all visits from participating emergency departments (ED). The chart below shows a rolling seven-day average of all ED visits in Vermont hospitals that include a COVID-19 diagnosis (emergency and non-emergency, in- and outpatient visits).

Emergency Department Visits with COVID-19 Diagnosis Seven-Day Rolling Average, Vermont Hospitals



Variant Proportions - Clinical Specimens



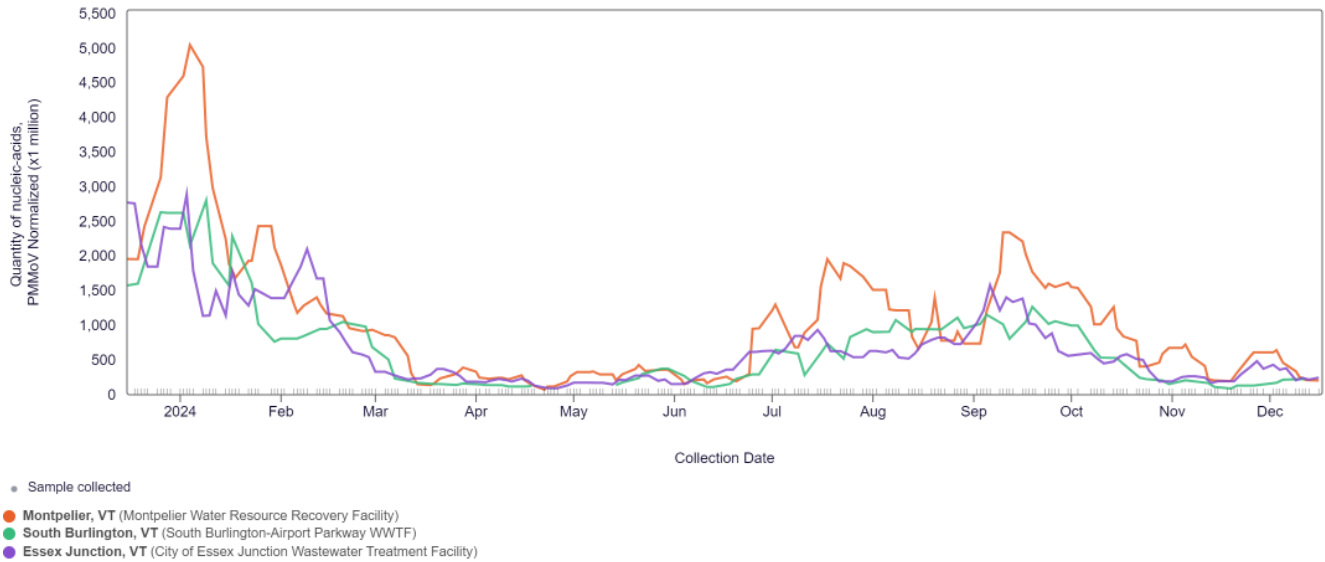
KP.3, XEC and MC variants are the dominant circulating variants. Some limited specimen quantities may impact proportion accuracy, specifically the weeks of 11/10-11-23/2024. For more timely data, see the [National SARS-CoV-2 Genomic Surveillance System](#) which includes data from Vermont and other states. Source: Vermont Department of Health Whole Genome Sequencing program.

Virus Concentrations and Trends – Wastewater Monitoring

Concentrations remain low at most sites: Burlington, St. Albans, South Burlington, Middlebury, Ludlow, Essex Junction, and Montpelier. Some week-to-week fluctuation is expected.

Montpelier, South Burlington and Essex Junction wastewater districts participate in [WastewaterSCAN](#). The graph below shows COVID-19 levels and trends over time in these districts.

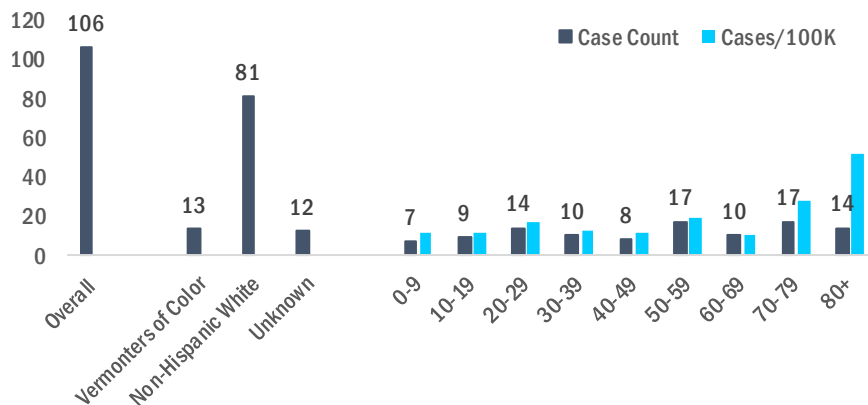
SARS-CoV-2, Vermont



Data for Burlington’s Main plant is available through [Burlington’s Wastewater Monitoring Report](#).

Identified Cases

Vermont Weekly Case Counts/Rates



Note: Case counts and rates are calculated by *confirmed* and *probable* cases reported to the Health Department.

To calculate rates, counts are divided by 2021 Vermont population estimates for the respective category and expressed per 100,000 in each category.

Due to a high number of cases missing race/ethnicity data, rates are not provided for race/ethnicity categories.

COVID-19 Outbreaks Reported Date to Date

For purposes of this report, an outbreak is defined as three or more epidemiologically linked cases of COVID-19, where at least one case has been laboratory or clinically confirmed as COVID-19.

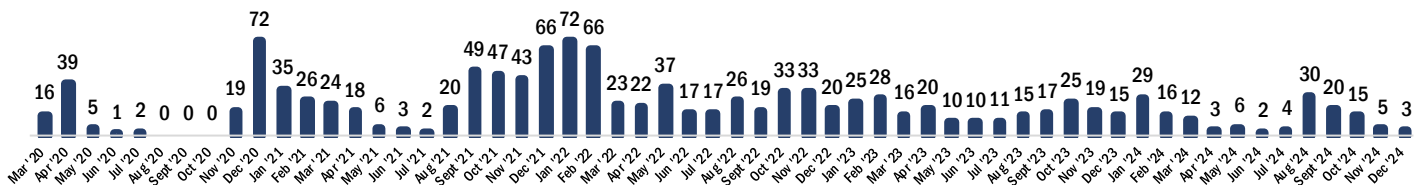
| Facility type | New Outbreaks Reported 12/10 – 12/16 |
|-----------------------|--------------------------------------|
| Long-term Care (LTC) | 2 |
| Non-LTC Healthcare | - |
| Correctional Facility | - |
| School/childcare | - |
| Other | 1 |

| County | New Outbreaks Reported 12/10 – 12/16 |
|------------|--------------------------------------|
| Addison | - |
| Bennington | 1 |
| Caledonia | - |
| Chittenden | - |
| Essex | - |
| Franklin | - |
| Grand Isle | - |
| Lamoille | - |
| Orange | - |
| Orleans | - |
| Rutland | - |
| Washington | 1 |
| Windham | - |
| Windsor | 1 |

Cumulative COVID-19 Deaths as of December 14, 2024

| Total | Age group | | | | | | | | |
|-------|-----------|-------|-------|-------|-------|-------|-------|-------|-----|
| | Under 10 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80+ |
| 1235 | 2 | 0 | 2 | 11 | 20 | 78 | 125 | 276 | 721 |

Monthly COVID-19 Deaths



Note: Deaths are from registered death certificates and represent preliminary data. A change in death count may represent new deaths, corrections, or other updates.

Data Source: Vermont Department of Health Vital Statistics System.

For more information about this report, please contact john.davy@vermont.gov