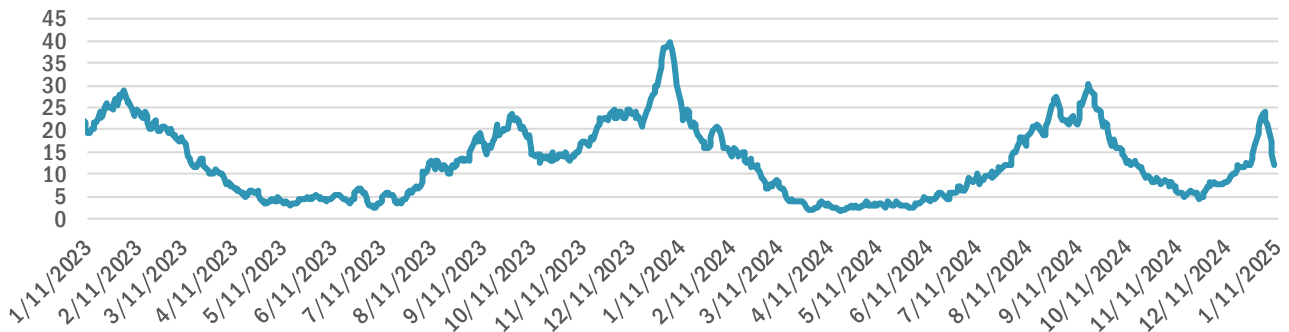**Report Timeframe:** January 5 to January 11, 2025

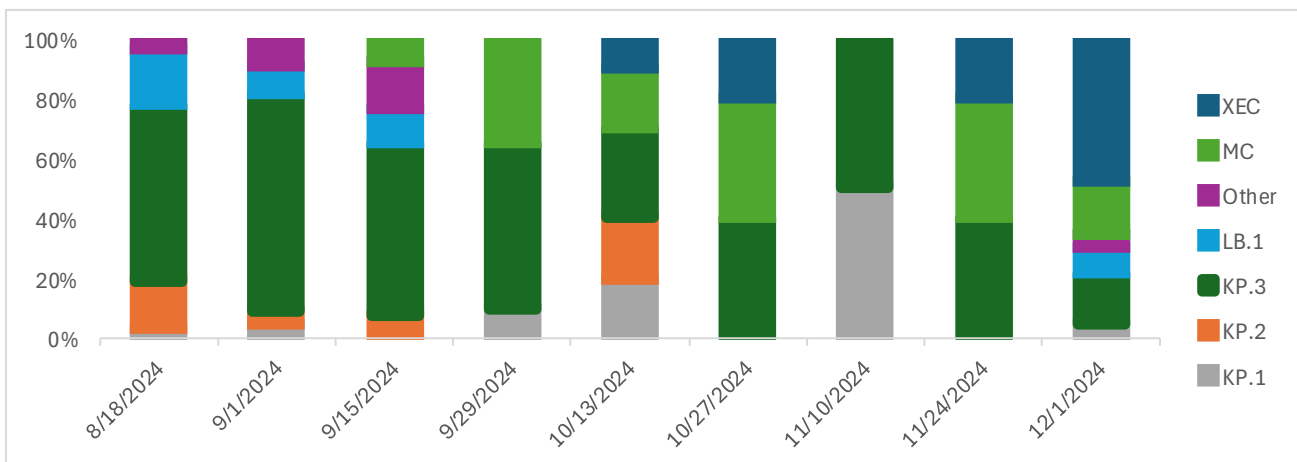Current Vermont Department of Health recommendations on preventing COVID-19.

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

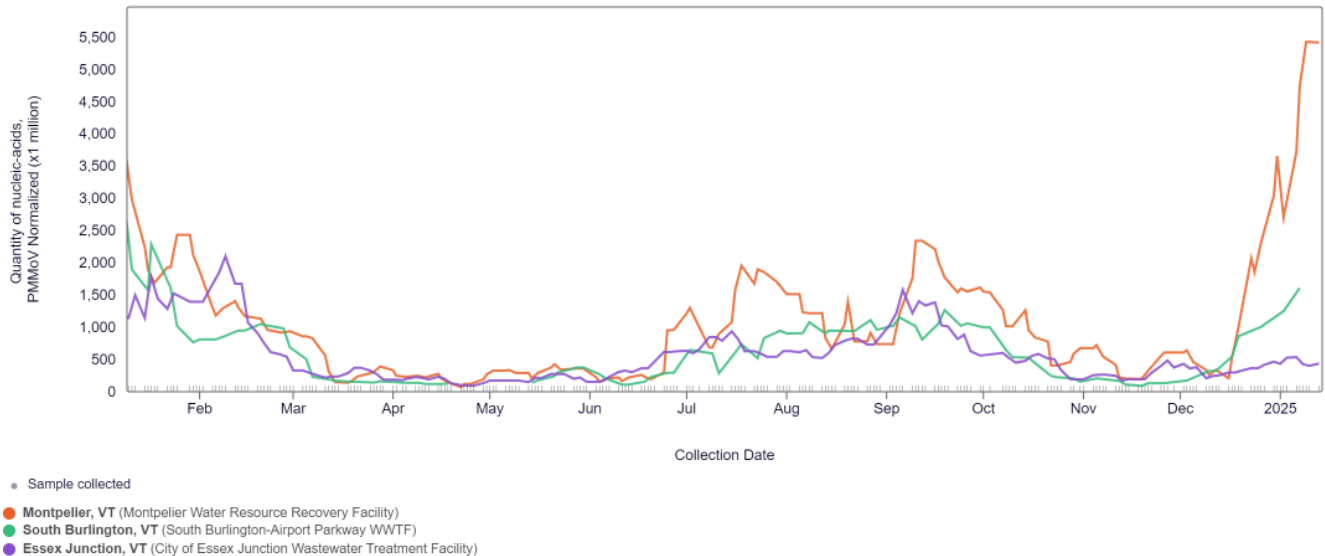## Variant Proportions - Clinical Specimens

XEC is the most common circulating variant. 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 have increased sharply at Montpelier, Burlington, Ludlow, and South Burlington. Concentrations have increased modestly at Essex Junction and Middlebury and remain low in St. Albans. 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.
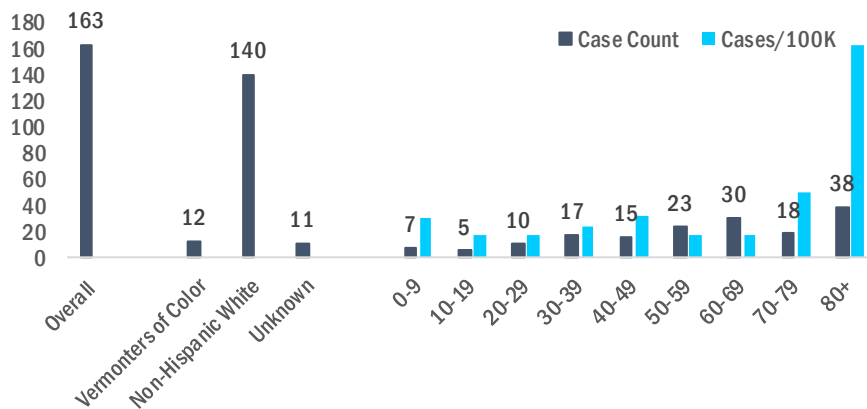
SARS–CoV–2, Vermont

- Sample collected
- **Montpelier, VT** (Montpelier Water Resource Recovery Facility)
- **South Burlington, VT** (South Burlington-Airport Parkway WWTF)
- **Essex Junction, VT** (City of Essex Junction Wastewater Treatment Facility)

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.
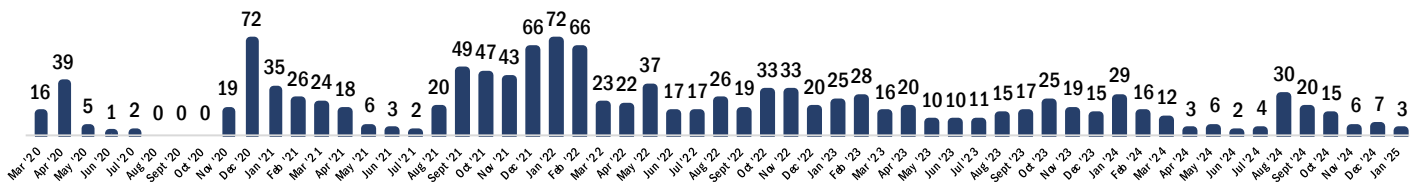
Facility type	New Outbreaks Reported 1/7 – 1/13
Long-term Care (LTC)	4
Non-LTC Healthcare	-
Correctional Facility	-
School/childcare	-
Other	-

County	New Outbreaks Reported 1/7 – 1/13
Addison	-
Bennington	-
Caledonia	-
Chittenden	3
Essex	-
Franklin	-
Grand Isle	-
Lamoille	-
Orange	-
Orleans	-
Rutland	-
Washington	-
Windham	1
Windsor	-

Cumulative COVID-19 Deaths as of January 11, 2025

Total	Age group								
	Under 10	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
1242	2	0	2	11	20	78	125	277	727

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