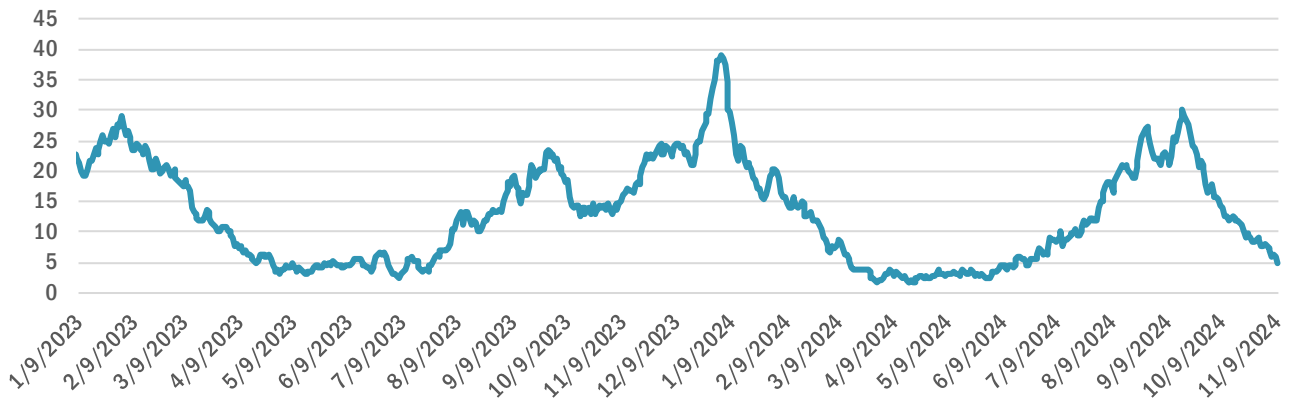**Report Timeframe:** November 3 to November 9, 2024

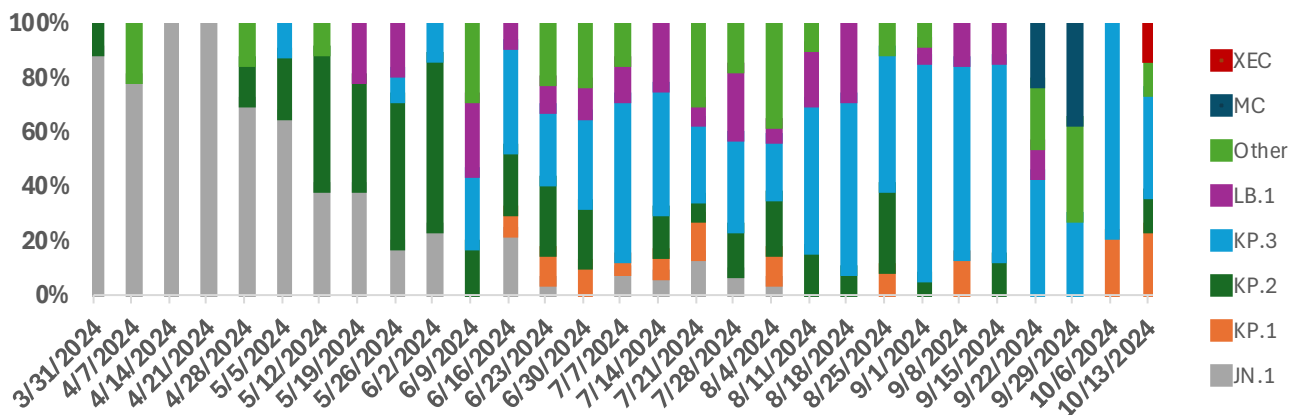Current Vermont Department of Health recommendations on preventing COVID-19.

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

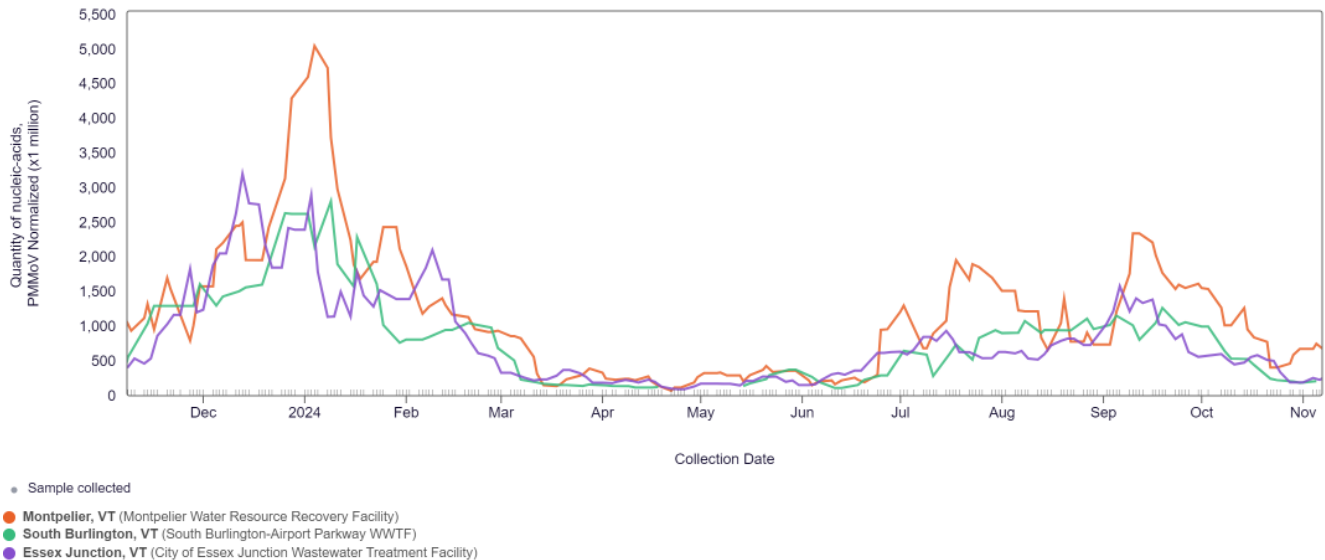## Variant Proportions - Clinical Specimens

KP.3 is the dominant circulating variant. Some limited specimen quantities may impact proportion accuracy. 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 including Essex Junction, South Burlington, Burlington, Middlebury, and St. Albans. There are modest increases in Montpelier and Ludlow. 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.
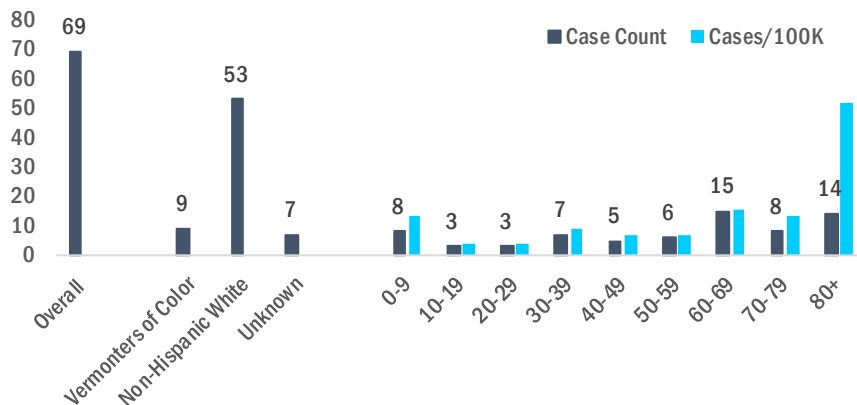

SARS–CoV–2, Vermont

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.
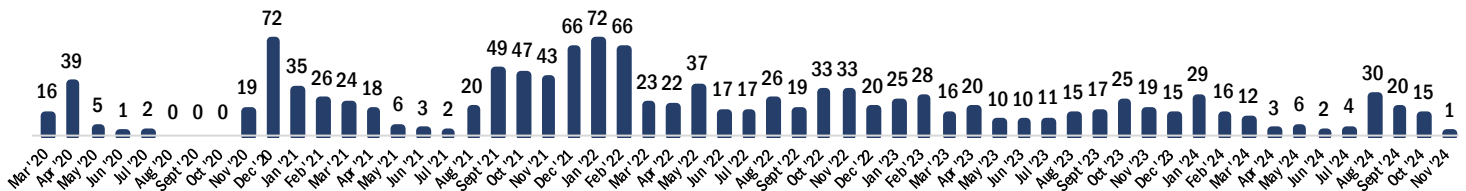
Facility type	New Outbreaks Reported 11/5 – 11/11
Long-term Care (LTC)	-
Non-LTC Healthcare	-
Correctional Facility	-
School/childcare	-
Other	1

County	New Outbreaks Reported 11/5 – 11/11
Addison	-
Bennington	-
Caledonia	-
Chittenden	1
Essex	-
Franklin	-
Grand Isle	-
Lamoille	-
Orange	-
Orleans	-
Rutland	-
Washington	-
Windham	-
Windsor	-

Cumulative COVID-19 Deaths as of November 9, 2024

Total		Under 10	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
						Age group				
1227		2	0	2	11	20	78	123	274	717

Monthly COVID-19 Deaths

Mar '20: 16, Apr '20: 39, May '20: 5, Jun '20: 1, Jul '20: 2, Aug '20: 0, Sept '20: 0, Oct '20: 0, Nov '20: 19, Dec '20: 72, Jan '21: 35, Feb '21: 26, Mar '21: 24, Apr '21: 18, May '21: 6, Jun '21: 3, Jul '21: 2, Aug '21: 20, Sept '21: 49, Oct '21: 47, Nov '21: 43, Dec '21: 66, Jan '22: 72, Feb '22: 66, Mar '22: 23, Apr '22: 22, May '22: 37, Jun '22: 17, Jul '22: 17, Aug '22: 26, Sept '22: 19, Oct '22: 33, Nov '22: 33, Dec '22: 20, Jan '23: 25, Feb '23: 28, Mar '23: 16, Apr '23: 20, May '23: 10, Jun '23: 10, Jul '23: 11, Aug '23: 15, Sept '23: 17, Oct '23: 25, Nov '23: 19, Dec '23: 15, Jan '24: 29, Feb '24: 16, Mar '24: 12, Apr '24: 3, May '24: 6, Jun '24: 2, Jul '24: 4, Aug '24: 30, Sept '24: 20, Oct '24: 15, Nov '24: 1

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