

Report Timeframe: June 30 to July 6, 2024

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

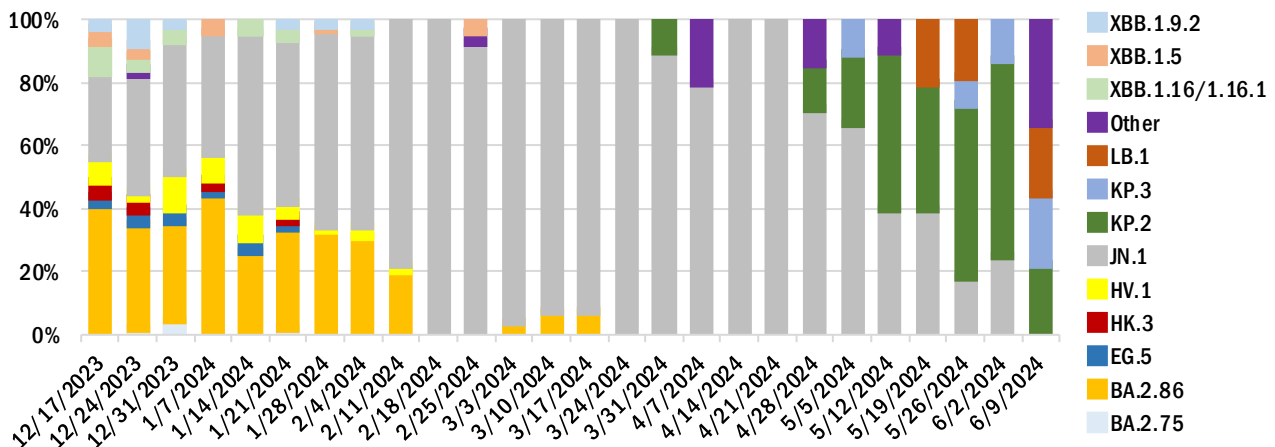
Syndromic Surveillance

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



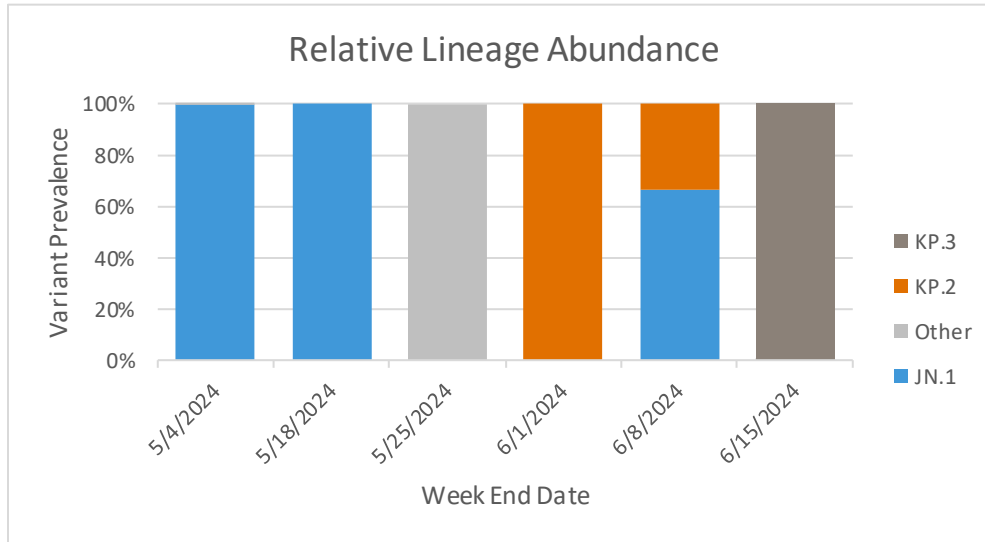
Variant Proportions - Clinical Specimens



KP.2, KP.3, and LB.1 are the dominant circulating variants. Most specimen quantities are limited to less than ten per week starting the week of 4/7 which may impact proportion accuracy. (Sources: LabCorp, Quest, Helix, Health Department Whole Genome Sequencing program.)

Variant Proportions – Wastewater Monitoring

KP.3 is the dominant circulating variants in wastewater.



Samples from two wastewater sites, Bennington and Ludlow, are sequenced to estimate the proportion of circulating variants.

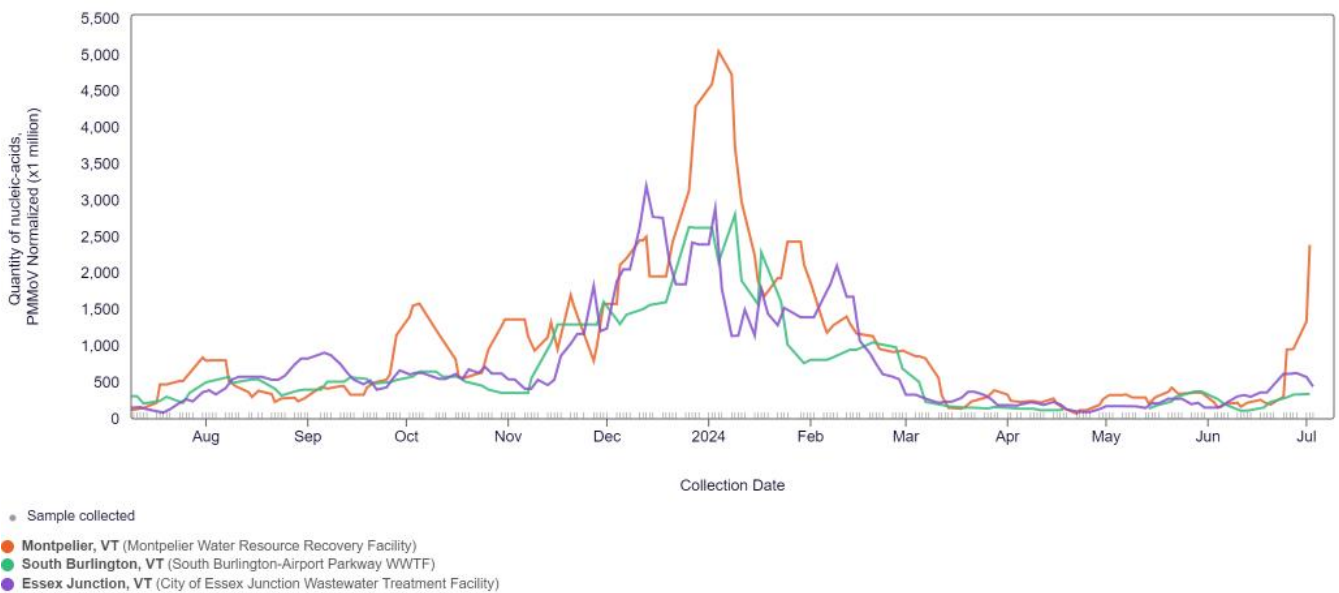
Source: Centers for Disease Control and Prevention [National Wastewater Surveillance System](#)

Virus Concentrations and Trends – Wastewater Monitoring

Concentrations have increased at Bennington and Burlington (data not shown) and at Montpelier (see chart below). 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.

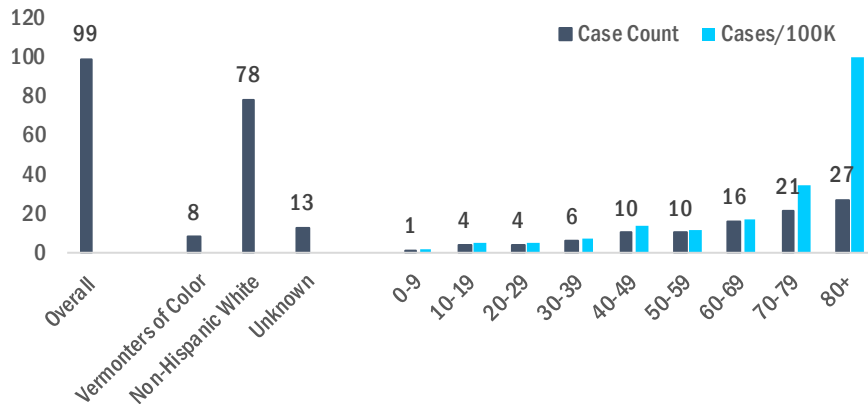
SARS-CoV-2, Vermont



Data for Burlington’s North and Main plants are 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 July 2 to July 8

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.

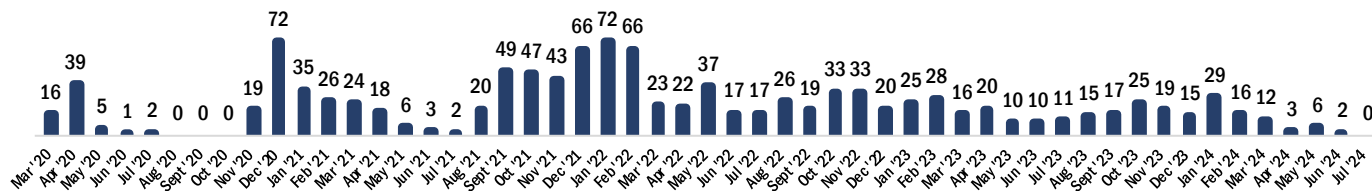
Facility type	New Outbreaks Reported 7/2 – 7/8
Long-term Care (LTC)	2
Non-LTC Healthcare	1
Correctional Facility	-
School/childcare	-
Other	1

County	New Outbreaks Reported 7/2 – 7/8
Addison	1
Bennington	-
Caledonia	-
Chittenden	-
Essex	-
Franklin	-
Grand Isle	-
Lamoille	-
Orange	-
Orleans	-
Rutland	2
Washington	-
Windham	1
Windsor	-

Cumulative COVID-19 Deaths as of July 6, 2024

Total	Age group								
	Under 10	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
1157	2	0	2	11	20	75	114	265	668

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