Report Timeframe: September 17 to September 23, 2023

Statewide hospitalization levels: Low. New COVID-19 admissions are below 10 per 100,000 Vermonters per day.
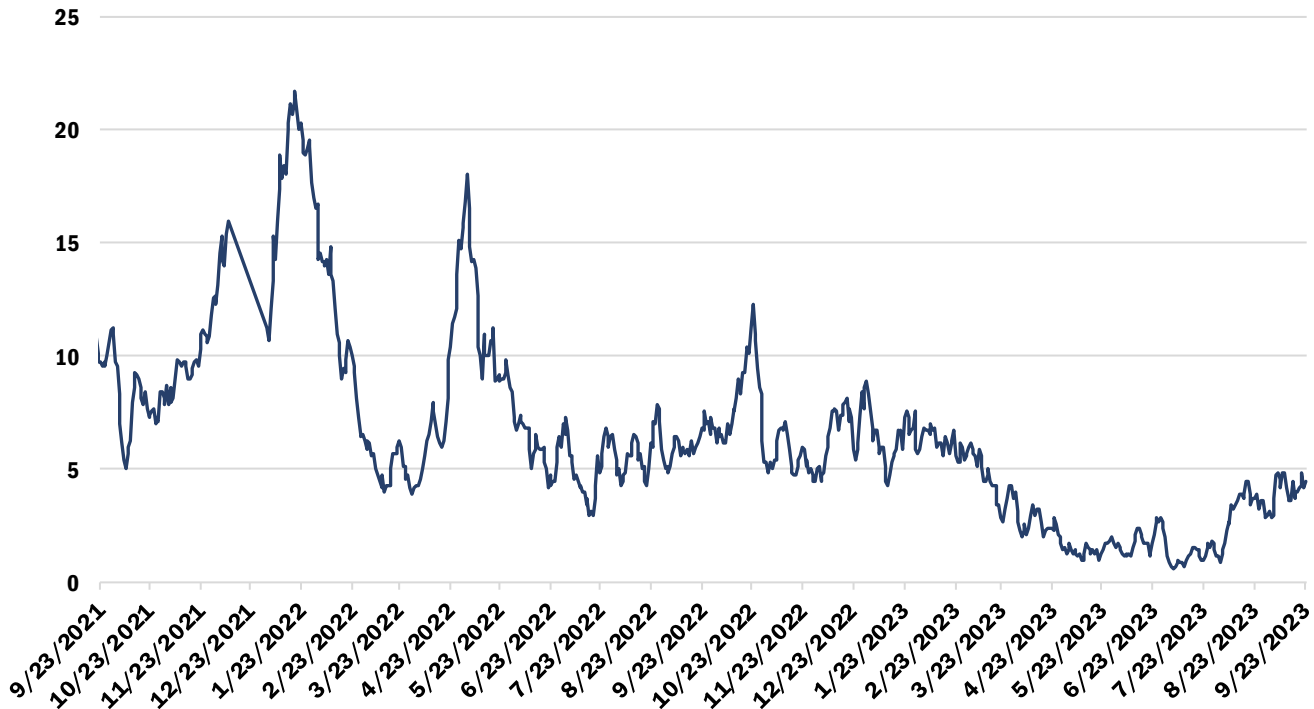
- New hospital admissions of patients with COVID-19, last 7 days: 4.97 per 100K
    - 31 total new admissions with COVID-19

The number of reportable COVID-19 cases is still available in this report, below. Laboratory-confirmed and diagnosed COVID-19 cases and COVID-19 outbreaks must still be reported to the Vermont Department of Health

Vermont Department of Health recommendations: [Preventing COVID-19 (healthvermont.gov)](https://healthvermont.gov)

Hospitalizations Over Time

Daily Hospitalizations With COVID-19 Diagnosis
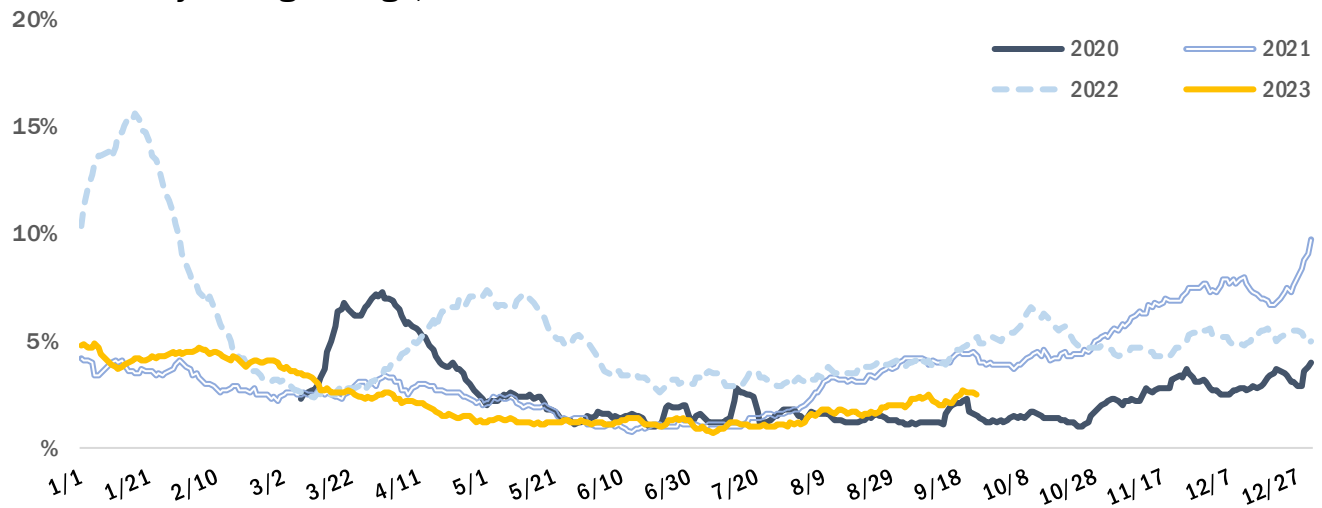**Seven-Day Rolling Average**

Source: U.S. Department of Health and Human Services HHS Protect

The seven-day rolling average of hospital patients admitted with a laboratory-confirmed COVID-19 was around four to five. The number is the daily average of the previous seven days; for example, the value for May 28 is the daily average for the days of May 21 through May 27.
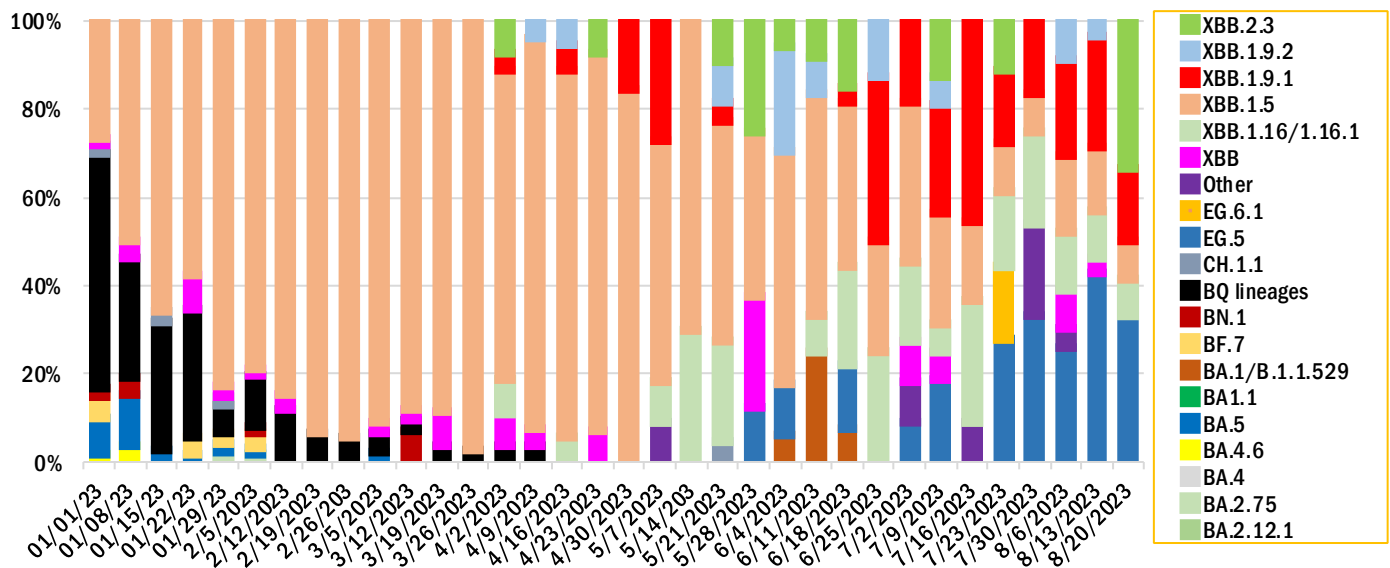
Syndromic Surveillance

The Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE) reflects all visits from participating emergency departments[1], to identify visits for COVID-Like Illness (CLI). During this reporting period the proportion of emergency visits in participating departments that included CLI was around 2.5%, but lower than the same time in 2021 and 2022.

Percent of Emergency Visits with COVID-Like Illness
Seven-Day Rolling Average, over Calendar Year

Source: Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE)

Proportion of sequenced variants

(Sources: LabCorp, Quest, Helix, Health Department Whole Genome Sequencing program)

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[1] All Vermont hospitals and two urgent care clinics are included in ESSENCE.

Wastewater Monitoring

Several Vermont wastewater districts participate in the National Wastewater Surveillance System (NWSS) and/or WastewaterSCAN.
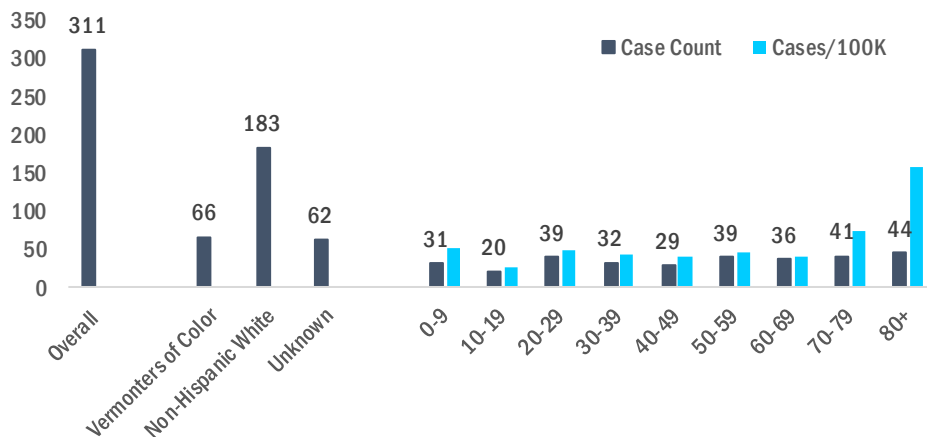
There will be a data gap over the coming weeks for most sites due to a laboratory contract transition for the National Wastewater Surveillance System (NWSS) sites.

NWSS Site	Current Trend
Bennington	*
Brighton	*
Burlington (Main plant)	*
Burlington (North plant)	*
Essex Junction	Sustained Decrease
Montpelier	Plateau
Ludlow	*
South Burlington	Plateau
St. Albans City	Sustained Decrease
St. Johnsbury	Plateau
Troy / Jay WWTP	*
Winooski	*

*Data will be reported when available.

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 2019 Vermont population estimates for 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 September 19 to September 25

For purposes of this report, an outbreak is defined as three or more epidemiologically linked cases of COVID-19, where at least one such case has been laboratory or otherwise clinically confirmed as COVID-19.
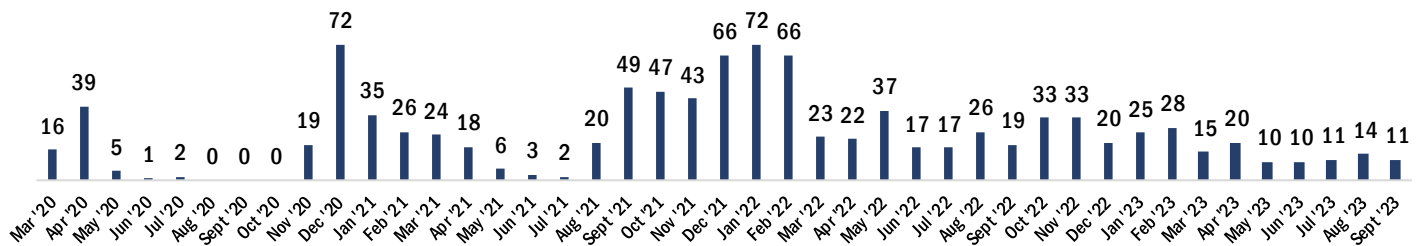
Facility type	New Outbreaks Reported 9/19 – 9/25
Long-term Care (LTC)	5
Non-LTC Healthcare	-
Correctional Facility	-
School/childcare	8
Other	-

County	New Outbreaks Reported 9/19– 9/25
Addison	1
Bennington	1
Caledonia	-
Chittenden	6
Essex	-
Franklin	-
Grand Isle	-
Lamoille	1
Orange	1
Orleans	-
Rutland	-
Washington	1
Windham	2
Windsor	-

Cumulative COVID-19 Deaths as of September 23, 2023

Total	Age group								
	Under 10	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
1022	1	0	2	11	20	71	103	234	580

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