Report Timeframe: September 24 to September 30, 2023

Statewide hospitalization levels: Medium. New COVID-19 admissions are above 10 and below 20 per 100,000 Vermonters per day.
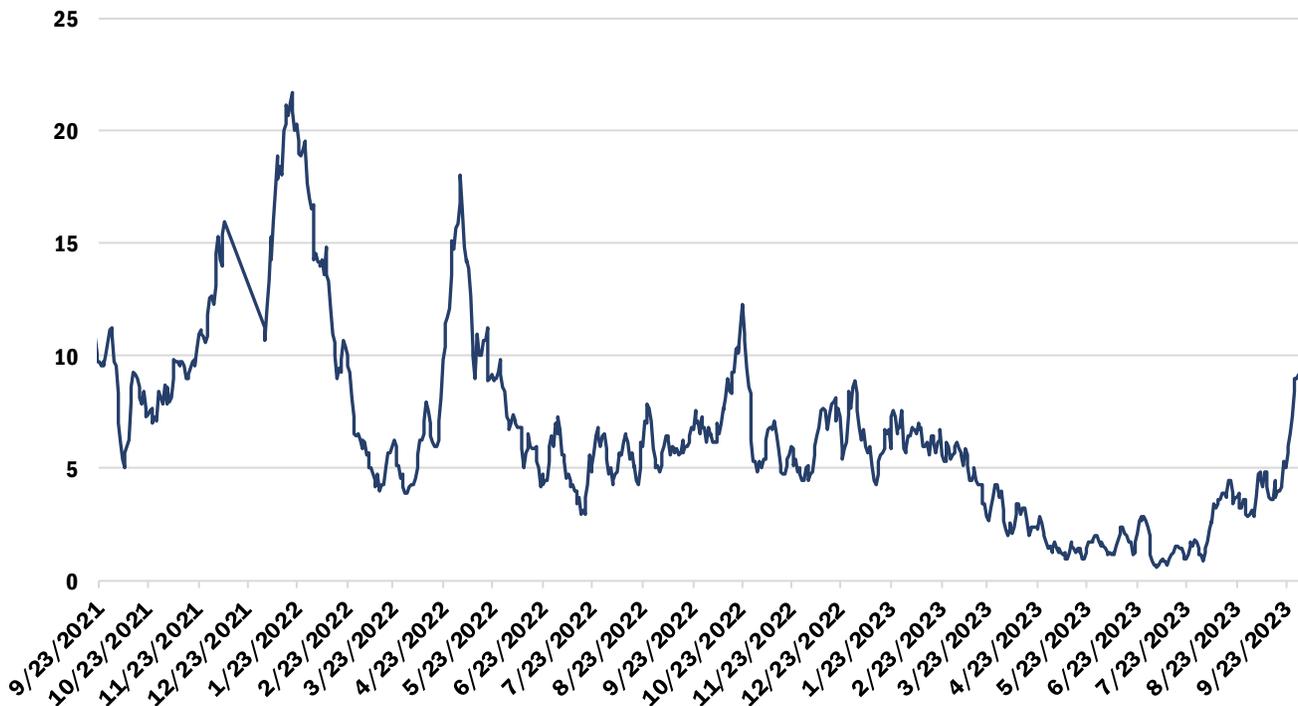
- New hospital admissions of patients with COVID-19, last 7 days: 10.26 per 100K
  - 64 total new admissions with COVID-19, about twice as high as the previous week

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)

Hospitalizations Over Time

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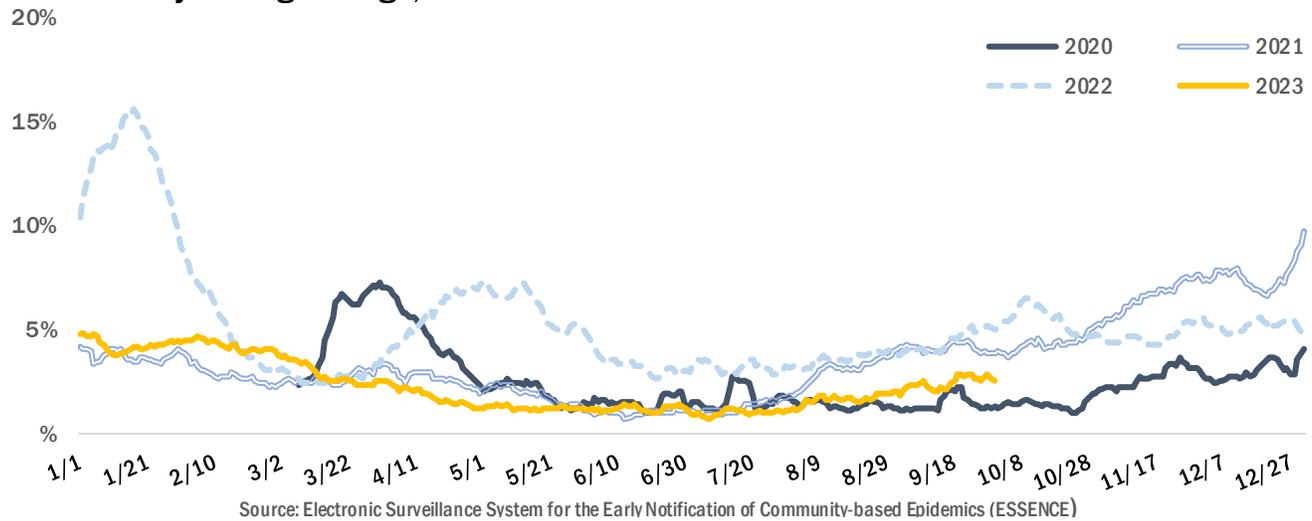**Seven-Day Rolling Average**

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

The seven-day rolling average of hospital patients rose to about 9 during the most recent week. 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.
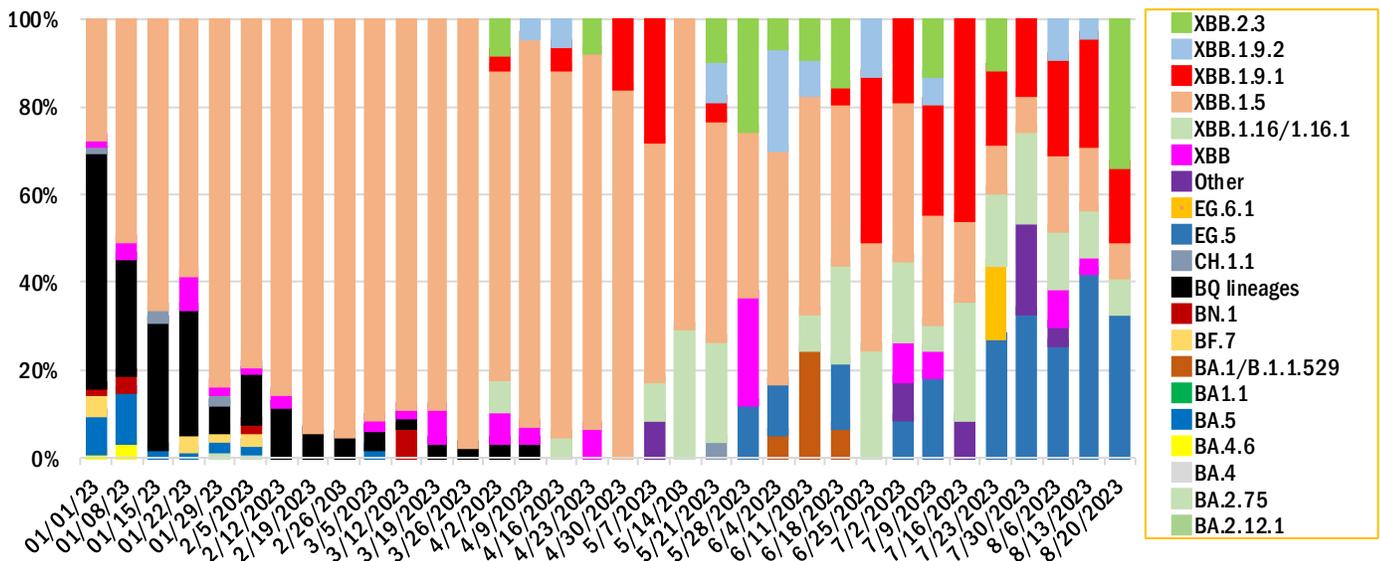
Syndromic Surveillance

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)
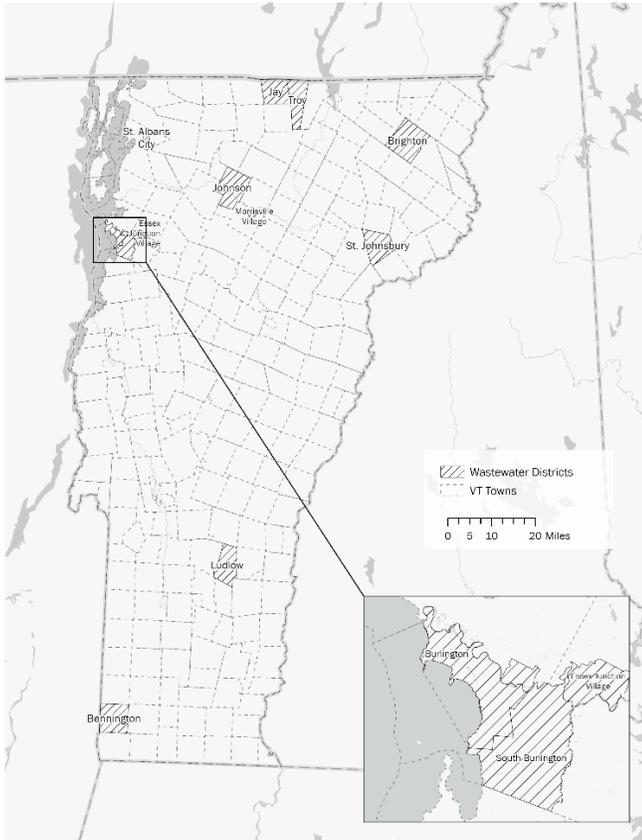
Proportion of sequenced variants

(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.
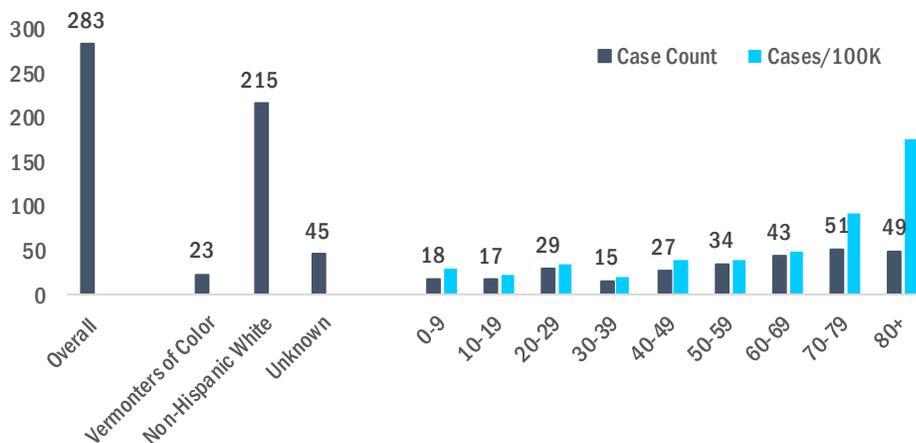
There will be a data gap over the coming weeks for most sites due to a laboratory contract transition for the National Wastewater Surveillance System (NWSS) sites.

NWSS Site	Current Trend
Bennington	*
Brighton	*
Burlington (Main plant)	*
Burlington (North plant)	*
Essex Junction	Plateau
Montpelier	Plateau
Ludlow	*
South Burlington	Plateau
St. Albans City	*
St. Johnsbury	*
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 26 to October 2

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.
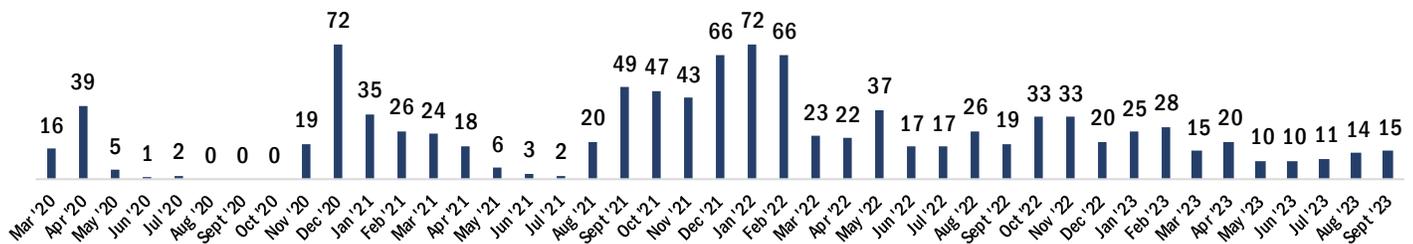
Facility type	New Outbreaks Reported 9/26 – 10/2
Long-term Care (LTC)	3
Non-LTC Healthcare	1
Correctional Facility	-
School/childcare	3
Other	-

County	New Outbreaks Reported 9/26– 10/2
Addison	2
Bennington	-
Caledonia	-
Chittenden	4
Essex	-
Franklin	-
Grand Isle	-
Lamoille	-
Orange	-
Orleans	1
Rutland	-
Washington	-
Windham	-
Windsor	-

Cumulative COVID-19 Deaths as of September 30, 2023

Total	Age group								
	Under 10	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
1026	1	0	2	11	20	71	103	236	582

Monthly COVID-19 Deaths

Month	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	15
Apr '23	20
May '23	10
Jun '23	10
Jul '23	11
Aug '23	14
Sept '23	15

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