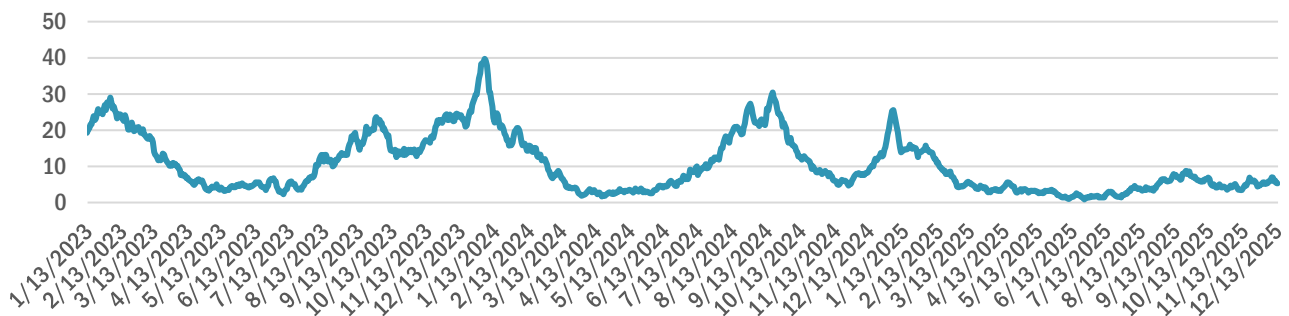


Current Vermont Department of Health recommendations on [preventing COVID-19](#).

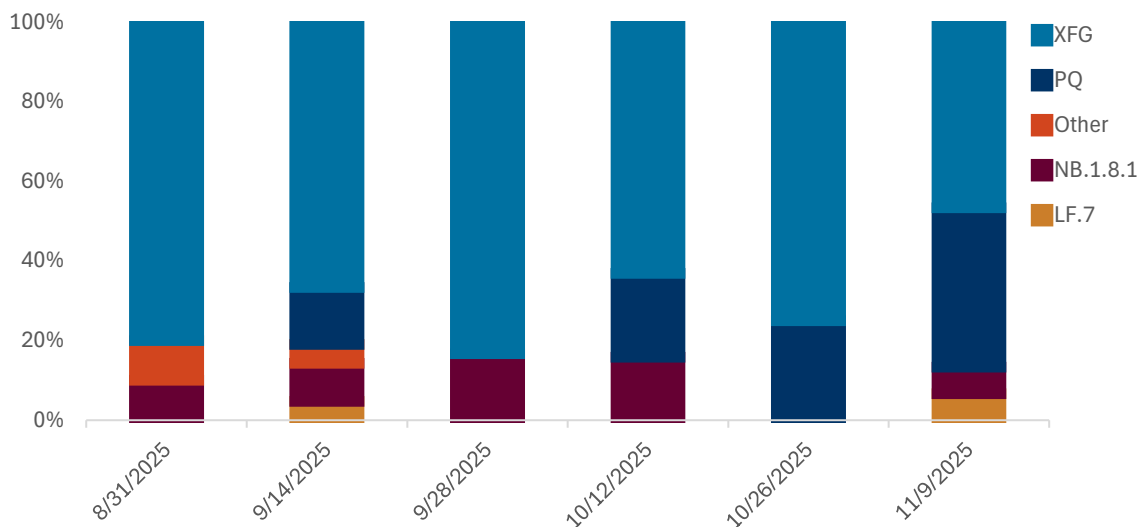
Syndromic Surveillance

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



XFG and PQ are the most commonly sequenced variants. 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 Activity Levels and Trends – Wastewater Monitoring

Wastewater data for SARS-CoV-2, the virus that causes COVID-19, can now be found on Vermont's [wastewater surveillance dashboard](#). Levels may be influenced by localized outbreaks. Some week-to-week fluctuations are expected. The table below summarizes available Vermont wastewater data reflecting samples collected 12/7 – 12/12.

Wastewater Treatment Facility	Viral Activity Level
Burlington	Low
Essex Junction	Moderate
Ludlow	Low
Middlebury	High
Montpelier	Low
South Burlington – Airport Parkway	Low
All facilities combined	Low

Viral Activity Levels categories: Very Low, Low, Moderate, High, Very High

COVID-19 Outbreaks Reported

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 12/9 – 12/15
Long-term Care (LTC)	2
Non-LTC Healthcare	-
Correctional Facility	-
School/childcare	-
Other	-

County	New Outbreaks Reported 12/9– 12/15
Addison	-
Bennington	-
Caledonia	-
Chittenden	-
Essex	-
Franklin	-
Grand Isle	-
Lamoille	-
Orange	-
Orleans	-
Rutland	-
Washington	1
Windham	-
Windsor	1

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