

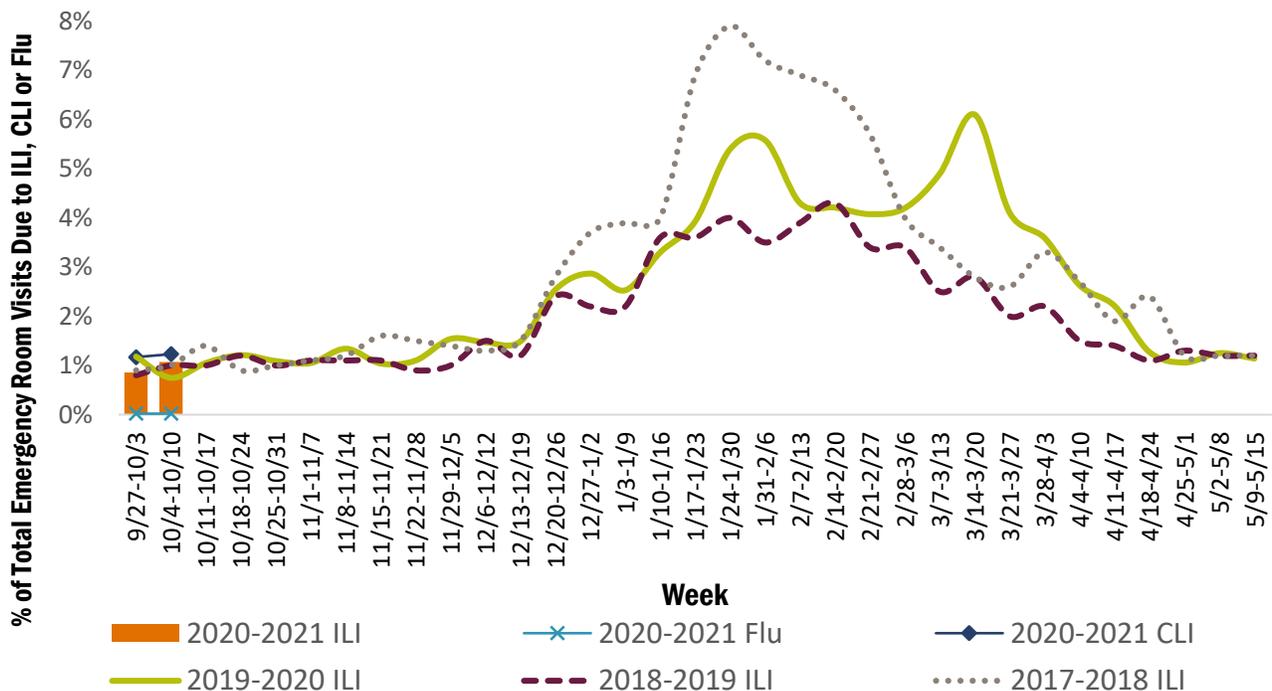
## Timeframe: 10/04/2020 - 10/10/2020

- Geographic spread has been changed to “sporadic” from “no activity.”
- So far, the Health Department has distributed over 76,000 doses of flu vaccine to health care providers enrolled in the Vaccines for Children (VFC) and Vaccines for Adults (VFA) programs, an increase of over 20,000 doses compared to the previous flu season.
- The COVID-19 pandemic may influence influenza surveillance through changes to health seeking behaviors, influenza testing capacity, implemented hygiene and physical distancing measures, and staffing/routines in sentinel sites. Current influenza surveillance data should be interpreted with consideration of these factors. Follow these links for up-to-date [Vermont](#) and [national](#) COVID-19 data.



## Syndromic Surveillance

### Vermont Emergency Room and Urgent Care Visits for Influenza-like Illness, COVID-19-like Illness, or Diagnosed Influenza



\*Geographic spread: estimated level of geographic spread of influenza activity in the state. This level does not measure the severity of influenza activity. States report geographic spread of influenza activity as no activity, sporadic, local, regional, or widespread.

## Illness Definitions

COVID-19-like Illness (CLI): determined using the patient’s chief complaint and/or discharge diagnosis. CLI is the presence of a fever with the addition of shortness of breath, difficulty breathing, or cough. CLI excludes patients with an influenza discharge diagnosis.

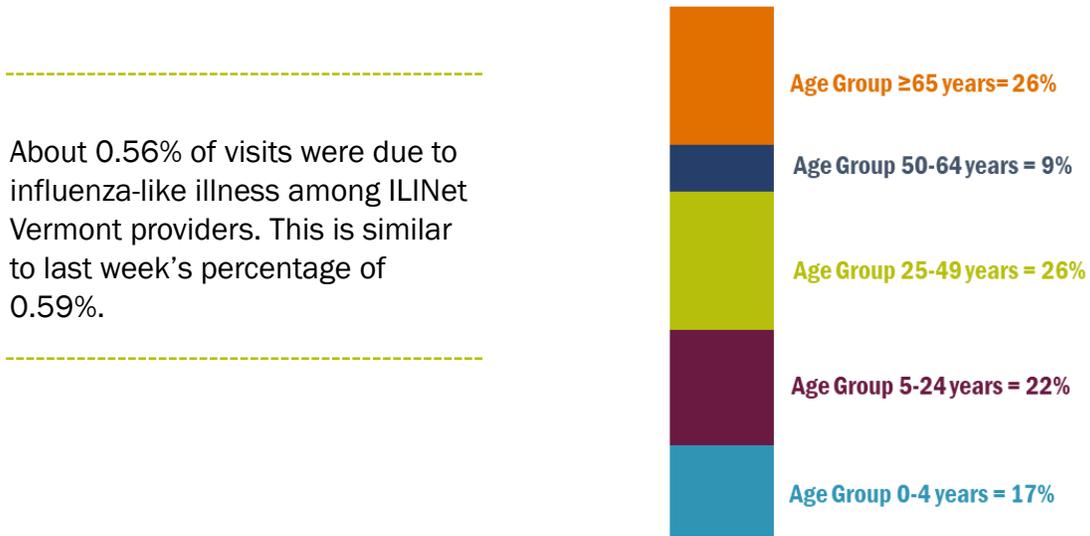
Influenza-like Illness (ILI): determined using the patient’s chief complaint and/or discharge diagnosis. ILI is the presence of a fever with the addition of cough or sore throat. ILI excludes patients with a non-ILI fever (e.g. Dengue, Malaria, or Yellow Fever).

Influenza (Flu): determined by the patient’s chief complaint of a fever with the addition of cough or sore throat and a discharge diagnosis of influenza.

## ILINet Sentinel Provider Data

This surveillance data is based upon reports submitted by ILINet, a nationwide group of medical offices that act as influenza sentinels. Sentinel providers report the number of patients with an influenza-like illness (ILI) seen by their practices each week.

Age Distribution of Patients with an Influenza-like Illness



About 0.56% of visits were due to influenza-like illness among ILINet Vermont providers. This is similar to last week’s percentage of 0.59%.

## Laboratory Data

The Health Department Lab performs subtype testing to determine the type of flu, for example H3, H1N1, etc. This information helps determine the circulating virus strains.

Type and Subtype	This week: 10/04/20-10/10/20	Season so far: 9/27/20-10/10/20
Flu A H3	0	0
Flu A H1N1	0	0
Flu B	0	0

# Flu Surveillance Report

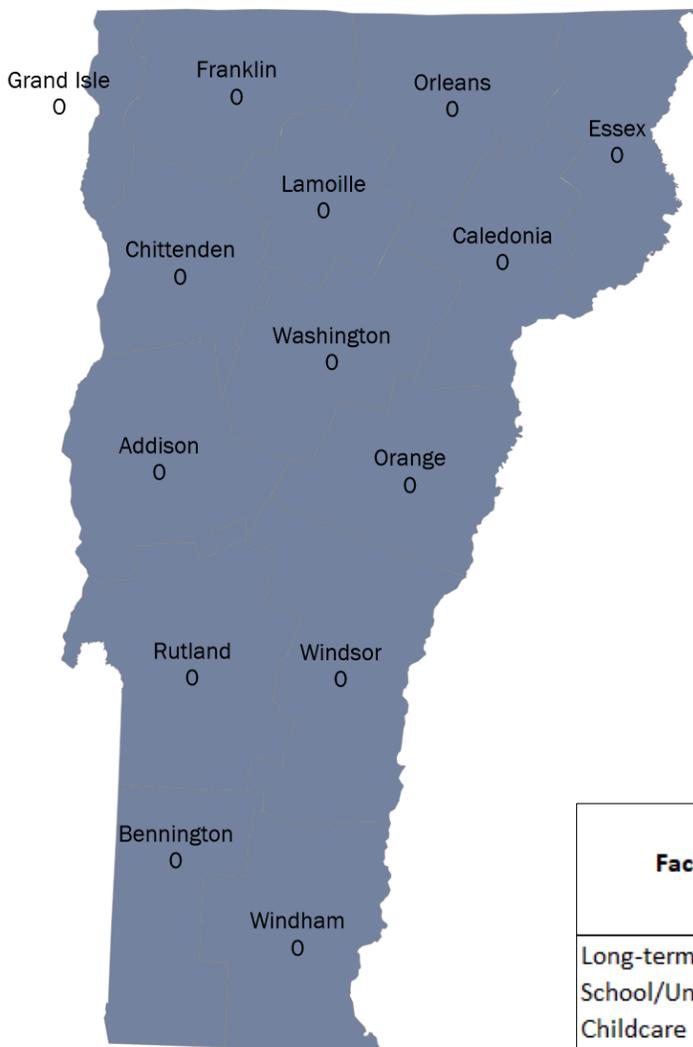
The National Respiratory and Enteric Virus Surveillance System collects data on the number of PCR flu tests performed by participating Vermont labs and how many were positive. This helps determine flu activity in the community.

**Positive flu PCR tests increased this week to 3% compared to 0% the previous week.**

## Reported Outbreaks

Institutional outbreaks of flu or influenza-like illness (excluding respiratory illnesses not caused by influenza viruses, e.g. COVID-19) are reportable to the Health Department.

### Number of Influenza-like Illness and Influenza Lab Confirmed Outbreaks, 10/04/20 – 10/10/20



Facility Type	# of Outbreaks	
	10/04/20-10/10/20	Full Season 9/27/20-10/10/20
Long-term Care Facility	0	0
School/University	0	0
Childcare Center	0	0
Other	0	0

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