Massachusetts coronavirus cases hit single-day record high for second straight day
Boston Herald – Der 3, 202

New COVID infections soar in New Hampshire
New Hampshire Public Radio – December 7, 2020

Maine shatters previous record with 427 new cases of COVID-19
WMTW 8 – December 7, 2020

Statewide hospitalizations hit an all-time high of 144 Thursday
Portland Press Herald – December 4, 2020

Rhode Island averaging the most daily cases per capita in the United States
WPRI 12 – December 7, 2020

Rhode Island reports 35 COVID deaths, 3,681 new cases over last 3 days - a record 1,618 people tested positive on Thursday
The Providence Journal – December 7, 2020

1 in 10 of NY’s 700K coronavirus cases were reported since Thanksgiving Day
Syracuse.com – December 6, 2020

Connecticut Sees Highest COVID-19 Positivity Rate Since Spring: Lamont
WVIT – December 3, 2020

Covid on the rise in the Region
Covid-19 Infections

Sources: Vermont Department of Health and Johns Hopkins University - November 16th to December 7th
Covid-19 Positivity Rates

Daily COVID-19 Test Positivity (7-Day Average)

- Vermont
- Region (New England and New York)
- Nation

Past Three Weeks

Nation: 5%
Region: 56%
Vermont: -6%

Sources: Vermont Department of Health and Johns Hopkins University - November 16th to December 7th
Daily COVID-19 Infections in Vermont (7 Day Average)

Sources: Vermont Department of Health
Regional Case Growth

53.11% Increase in New Confirmed Cases

Positive Cases Nov. 24th to Nov. 30th

Positive Cases Dec. 1st to Dec. 7th

Sources: State Health Departments & CTV National News (Quebec)
Northeast Case Growth By Week Since March 16, 2020

Sources: State Health Departments & CTV National News (Quebec)
Northeast Case Growth By Week Since October 12, 2020

Sources: State Health Departments & CTV National News (Quebec)
Vermonters Diagnosed with COVID-19 by Week

Source: Vermont Department of Health (week calculated as Tuesday to Monday)
Estimated Active Cases of COVID-19 in Vermont

Source: Oliver Wyman Active Case Estimate - December 7, 2020
Forecasted 50% increase in new cases over the next three weeks.
Daily COVID-19 Deaths in US

Source: Covid Tracking Project, December 7, 2020
U.S. Hospitalization Growth

Source: Covid Tracking Project, December 7, 2020

[Chart showing hospitalization growth with peaks in March, May, and August, reaching 101,500 hospitalized in December.]

60,000 Hospitalized

101,500 Hospitalized
U.S. Covid-19 Deaths

Daily COVID-19 Deaths in US

Source: Covid Tracking Project, December 7, 2020
COVID-19 Daily Infections per Million by Census Region (7-Day Moving Average)

Source: Johns Hopkins University

12/08/2020
Regional Map as of December 8th

New York & New England Ranking by Active Case Per Million

1) Nantucket (MA): 25,031
2) Essex (MA): 16,660
3) New Haven (CT): 15,253
4) Fairfield (CT): 14,625
5) Oneida (NY): 14,340
6) Richmond (NY): 13,548
7) Providence (RI): 13,264
8) Putnam (NY): 13,230
9) Monroe (NY): 13,012
10) Litchfield (CT): 12,990

RESTART VERMONT

Reopening Metrics

1. Syndromic Surveillance
2. Viral Growth & Reproductive Rates
3. Percentage of New Positive Tests
4. Hospital & Critical Care Bed Capacity
**Data Point 1: Syndromic Surveillance**

- **Summary:** Percentage of visits with COVID-19 like illness and Influenza diagnosis
- **Warning Flag:** Percentage of visits exceeding 4% for multiple consecutive days

---

**Source:** Vermont Department of Health—December 8, 2020

*Data from UVMHN may be incomplete or delayed*
Data Point 2: Viral Growth and Reproductive Rates

- **Summary:** Case growth measured by daily, 3-day, 7-day, and effective reproductive rate ($R_t$)
- **Warning Flags:** Sustained viral growth that would lead to <30% open ICU beds

Source: Vermont Department of Health—December 8, 2020
Data Point 3: Percentage of New Positive Tests

- **Summary:** Percent of tests resulting in a new positive case
- **Warning Flags:** New positives represent >5% of daily results

Source: Vermont Department of Health—December 8, 2020
Data Point 4: Hospital & Critical Care Beds

- **Summary**: Number of occupied and unoccupied medical surgical and ICU beds
- **Warning Flags**: Reduction in ICU open beds to less than 30%

Source: Vermont Department of Health—December 8, 2020
Vermont Hospital Capacity Forecast

Forecasts Assume 3% Hospitalization

- Hospitalizations (7-day Avg)
- Projected Hospitalizations (7-day Avg)
- In-Hospital Medical/Surgical Bed Capacity (7-day Avg)
- Anticipated Medical/Surgical Capacity

Source: Oliver Wyman Forecast Model - December 7, 2020
Vermont ICU Capacity Forecast

Forecasts Assume 3% ICU Rate

- ICU (7-day Avg)
- Projected ICU (7-day Avg)
- In-Hospital ICU Capacity (7-day Avg)
- Anticipated ICU Capacity

Source: Oliver Wyman Forecast Model - December 7, 2020
Vermont Testing

7-Day Rolling Test Average

- Rolling 7-Day Test Average
- Testing Benchmark

Drop following Thanksgiving & campus closures

Source: Vermont Department of Health—December 1, 2020; results reported to VDH daily

*Data from UVMHN may be incomplete or delayed
Vermont Flu Vaccine Data
Flu vaccinations up **6.3%** from same time 2019*

*Data from UVMHN incomplete or delayed

Source: Vermont Department of Health & ADS; Immunization Registry; Measured from July 1 to November 29, 2019 & 2020
K-12 & Long Term Care Facility Updates
Covid-19 Cases in K-12 Public Schools Across Northern New England

**Vermont**
- 158 Cases (+30)
- 100 Schools (+16)

**New Hampshire**
- 865 Cases (+185)
- 319 Schools (+36)

**Maine**
- 525 Cases (+177)
- 158 Schools (+25)

Source: VT and NH K-12 Dashboards; ME public reporting
Active Outbreaks in Long Term Care Facilities

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Total COVID-19 Cases</th>
<th>Change from Prior Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elderwood at Burlington, Burlington</td>
<td>91</td>
<td>+66</td>
</tr>
<tr>
<td>Rutland Health &amp; Rehab, Rutland</td>
<td>63</td>
<td>+9</td>
</tr>
<tr>
<td>Four Seasons Care Home, Northfield</td>
<td>41</td>
<td>+2</td>
</tr>
<tr>
<td>Saint Albans Healthcare &amp; Rehab Center, Saint Albans</td>
<td>36</td>
<td>+22</td>
</tr>
<tr>
<td>Berlin Health &amp; Rehab, Berlin</td>
<td>29</td>
<td>+16</td>
</tr>
<tr>
<td>Valley Vista, Bradford</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td>Residence at Quarry Hill, South Burlington</td>
<td>10</td>
<td>+2</td>
</tr>
<tr>
<td>Averill Place, Barre</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>283</strong></td>
<td><strong>+117</strong></td>
</tr>
</tbody>
</table>

Source: Vermont Department of Health - December 7, 2020 (reporting Monday through previous Sunday); ‘Active’ defined as less than 28 days since most recent case’s specimen collection date or illness start date (whichever is later)