National COVID-19 Hospitalizations Trending Down

30% Decrease in Cases Since January 6, 2021

National COVID-19 Cases Trending Down

74% Decrease in Cases Since January 11, 2021

Source: Covid Tracking Project — February 22, 2021
National COVID-19 Hospitalizations Trending Down

54% Decrease in Cases Since January 11, 2021
National COVID-19 Deaths Trending Down

43% Decrease in Cases Since January 13, 2021

Source: Covid Tracking Project — February 21, 2021
## U.S. Deaths by Event

<table>
<thead>
<tr>
<th>Event</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>1918 Influenza (2 Years)</td>
<td>675,000</td>
</tr>
<tr>
<td>Civil War (4 Years)</td>
<td>618,222</td>
</tr>
<tr>
<td>COVID-19 (1 Year)</td>
<td>500,310</td>
</tr>
<tr>
<td>World War II (3 Years, 7 Months)</td>
<td>405,399</td>
</tr>
<tr>
<td>World War I (1 Year, 6 Months)</td>
<td>116,516</td>
</tr>
<tr>
<td>Vietnam War (17 Years, 4 Months)</td>
<td>58,209</td>
</tr>
<tr>
<td>Korean War (3 Years, 1 Month)</td>
<td>36,516</td>
</tr>
</tbody>
</table>

Source: Johns Hopkins — February 23, 2021; CDC and U.S. Department of Veterans Affairs.
Regional Cases

15.92% Decrease in New Cases

New Cases Feb. 9th to Feb 15th

Vermont: 816
Maine: 1,282
New Hampshire: 2,398
Rhode Island: 2,649
Connecticut: 6,503
Quebec: 6,607
Massachusetts: 14,047
New York: 56,914
Total: 91,216

New Cases Feb. 16th to Feb 21st

Vermont: 727
Maine: 928
New Hampshire: 2,375
Rhode Island: 2,171
Connecticut: 5,092
Quebec: 5,409
Massachusetts: 11,196
New York: 48,797
Total: 76,695

Sources: State Health Departments & CTV National News (Quebec)
Significant Decline in Regional Weekly Cases

64% Decrease Since January 11, 2021

Sources: State Health Departments & CTV National News (Quebec) (includes: CT, ME, MA, NH, NY, QC, RI & VT)
Regional Positivity Rate Declining
(7-Day Average)

10.73%

Threshold Recommended by the World Health Organization

2.89%

Source: Covid Tracking Project (7-Day Average in CT, ME, MA, NH, NY, RI & VT)—February 22, 2021
Regional Hospitalizations

Trending Down

Source: Covid Tracking Project (7-Day Average in CT, ME, MA, NH, NY, RI & VT)—February 22, 2021
Vermont COVID-19 Cases Over 75 Years Old
7-Day Average Trending Down

Source: Vermont Department of Health—February 22, 2021
Vermonters Diagnosed with COVID-19 by Week

Source: Vermont Department of Health (week calculated as Tuesday to Monday)
Vermont LTCF Cases By Month

- March: 334 LTCF Covid Cases, 25 Non-LTCF Covid Cases
- April: 449 LTCF Covid Cases, 77 Non-LTCF Covid Cases
- May: 99 LTCF Covid Cases, 3 Non-LTCF Covid Cases
- June: 241 LTCF Covid Cases, 1 Non-LTCF Covid Cases
- July: 195 LTCF Covid Cases, 1 Non-LTCF Covid Cases
- August: 190 LTCF Covid Cases, 2 Non-LTCF Covid Cases
- September: 137 LTCF Covid Cases, 2 Non-LTCF Covid Cases
- October: 439 LTCF Covid Cases, 1 Non-LTCF Covid Cases
- November: 1982 LTCF Covid Cases, 118 Non-LTCF Covid Cases
- December: 2942 LTCF Covid Cases, 248 Non-LTCF Covid Cases
- January: 4441 LTCF Covid Cases, 65 Non-LTCF Covid Cases
- February: 2692 LTCF Covid Cases, 7 Non-LTCF Covid Cases

Source: VDH—February 22, 2021
Vermont Weekly Deaths

Source: Vermont Department of Health—February 22, 2021
Active Cases per Million in Vermont Counties

Source: Johns Hopkins University—February 23, 2021
Cases remain elevated in Franklin, fell in Bennington and Rutland Counties.
Estimated Active Cases of COVID-19 in Vermont

Continued overall decline in active Vermont cases

Source: Johns Hopkins University Data & Oliver Wyman Forecast Model—February 22, 2021
Vermont Forecast

Cases forecasted to gradually decline into spring

Source: Johns Hopkins University Data & Oliver Wyman Forecast Model—February 22, 2021; *assumes current vaccine supply and no variant-specific impact
Statewide Covid-19 Hospitalizations

Source: Vermont Department of Health—February 22, 2021
Hospital & ICU Capacity Forecasts

Vermont Hospital Forecast

Vermont ICU Forecast

Source: Oliver Wyman Forecast Model—February 22, 2021; GNYHA Hospital Surge framework
As cases increased in Vermont's communities, cases also increased on Vermont's campuses.

Source: Vermont Higher Education Institution reporting—February 22, 2021
Covid-19 Cases in K-12 Schools & Colleges Across Northern New England

**New Hampshire**
- K-12: 2,455 (+132)
- Higher Ed: 1,267 (+243)

**Vermont**
- K-12: 637 Cases (+43)
- Higher Ed: 417 (+82)

**Maine**
- 2,212 Cases (+169)
- Higher Ed: 510 (+43)

Source: ME, NH & VT K-12 Dashboards, ME media reports
Active Outbreaks in Long Term Care Facilities

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Total COVID-19 Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village at Cedar Hill, Windsor</td>
<td>23</td>
</tr>
<tr>
<td>Long Term Care Facility E</td>
<td>Not Shown</td>
</tr>
<tr>
<td>Mountain View Center, Rutland</td>
<td>11</td>
</tr>
</tbody>
</table>

Source: Vermont Department of Health—February 22, 2021 (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); privacy suppressions include facility w/ <25 staff and residents and/or >75% of facility infected or fewer than 5 active cases.
At **22.67 doses** administered per 100 residents, Vermont ranks:

- 2\(^{rd}\) in Northeast
- 10\(^{th}\) Nationally
Percentage Population Fully Vaccinated

Vermont Ranks 9th Nationally

Source: CDC—February 22, 2021
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—February 23, 2021
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—February 23 2021
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
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—February 23, 2021
7-Day Rolling Test Average

Source: Vermont Department of Health—February 23, 2021; results reported to VDH daily