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</table>
Vermont Case Data
Vermont cases have increased 54% over last 7 days & increased 31% over last 14 days

Vermont New COVID-19 Cases

Source: VDH—December 7, 2021; created with Datawrapper
Vermont COVID-19 Testing

Week-over-week testing increased from the Thanksgiving holiday, with the 7-day average increasing 53% this week.
Vermont Test Positivity: Delta Wave

7-Day Positivity Rate

Source: VDH—December 7, 2021; created with Datawrapper
The not fully vaccinated case rate has **increased 95%** in the last 7 days.

The fully vaccinated rate has **increased 52%** during the same period.

Source: Vermont Dept. of Health and CDC—December 6, 2021
Those **Not Fully Vaccinated** were **15x more** likely to require hospitalization in November compared to those who are **Fully Vaccinated & Boosted**.

Source: VDH & CDC—December 6, 2021; Created with Datawrapper
Vermont COVID-19 Cases Fall 2020 vs. Fall 2021

Source: Vermont Dept. of Health—December 6, 2021; created with Datawrapper
Vermont New Weekly COVID-19 Cases

Vermont reported **1,144 more cases** this week compared to last week.
Over the last 7 days, cases have:

- **Increased 54%** for ages **0 to 24**
- **Increased 54%** for ages **25 to 49**
- **Increased 31%** for ages **50 to 64**
- **Increased 34%** for ages **65+**
Vermont had the 2nd-highest rate of New COVID-19 cases over the last week.
Vermont had the highest rate of COVID-19 testing over the last week.
Active Cases in Vermont Counties

Source: JHU—November 30, 2021; DFR Active Case Algorithm (per million)
Vermont COVID-19 cases not expected to decrease over next 4 weeks.
VT COVID-19 Death Confidence Intervals

Calculated as a 7-day mean. Inner and outer bands represent 50% and 95% confidence intervals, respectively.

Vermont COVID-19 fatalities not expected to decrease over next 4 weeks

Source: Johns Hopkins University & CDC—November 30, 2021
Age of Infected Vermonters

Median age of COVID positive individuals in VT over the last 14 days.

Source: VDH—November 30, 2021
VT COVID-19 Infections per 100K by Age Group

Source: VDH—November 30, 2021
Vermont Covid-19 Case Rates by Age (7-Day Average)

Source: VDH—December 6, 2021; created with Datawrapper
Median Age of VT Breakthrough Infections by Month

- **Jul 2021**: 45
- **Aug**: 49
- **Sep**: 49
- **Oct**: 48
- **Nov**: 44

Source: Vermont Dept. of Health—November 29, 2021; created with Datawrapper
Vermont Case Rate & Vaccination by Age Band

Source: VDH—November 29, 2021
Case rates increased in 13 of 14 counties this week.

Elevated case rates across Vermont, with Bennington reporting the highest rates, nearly doubling in the past week.
Active Cases per Million in Vermont Regions

Source: JHU & DFR Active Case Algorithm—November 30, 2021
## Fall 2021 Higher Education Restart

<table>
<thead>
<tr>
<th>Higher Education Institutions Reporting</th>
<th>Enrollment</th>
<th>Students Fully Vaccinated</th>
<th>Students Not Fully Vaccinated (No Exemption Granted)</th>
<th>Students with Unknown Vaccine Status</th>
<th>Students Granted Vaccine Mandate Exemption</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 of 16</td>
<td>28,586</td>
<td>27,201</td>
<td>255</td>
<td>445</td>
<td>685</td>
</tr>
</tbody>
</table>

### Week-wise Cases

- **Week 1:** 37 cases out of 12,623 tests
- **Week 2:** 36 cases out of 7,434 tests
- **Week 3:** 43 cases out of 3,053 tests
- **Week 4:** 65 cases out of 6,497 tests
- **Week 5:** 36 cases out of 4,878 tests
- **Week 6:** 19 cases out of 4,516 tests
- **Week 7:** 27 cases out of 3,536 tests
- **Week 8:** 63 cases out of 3,668 tests
- **Week 9:** 65 cases out of 4,398 tests
- **Week 10:** 53 cases out of 4,575 tests
- **Week 11:** 132 cases out of 8,404 tests
- **Week 12:** 60 cases out of 6,048 tests
- **Week 13:** 55 cases out of 6,029 tests
- **Week 14:** 17 cases out of 2,066 tests
- **Week 15:** 63 cases out of 8,141 tests

Source: Vermont Higher Education Institutions—December 6, 2021
Vermont Higher Education Cases By Semester

Week 1  Week 2  Week 3  Week 4  Week 5  Week 6  Week 7  Week 8  Week 9  Week 10  Week 11  Week 12  Week 13  Week 14  Week 15
Fall 2020  Spring 2021  Fall 2021
1  65  91  61  65  43  36  61  36  30  19  27  57  65  116  115
4  4  4  2  36  39  40  22  34  54  53  103  108  60  47  55
4  37  65  61  84  36  37  40  57  63  65  103  103  60  52  49
118  65  91  61  65  43  36  61  36  30  19  27  57  65  116  115

Source: Vermont Higher Education Institutions—December 6, 2021—Created with Datawrapper; * During the Fall 2020 semester Week 1 started later than Spring and Fall 2021 and therefore reached Thanksgiving Break by Week 11.
### 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>The Meadows, Rutland</td>
<td>10</td>
</tr>
<tr>
<td>Centers for Living &amp; Rehabilitation, Bennington</td>
<td>10</td>
</tr>
<tr>
<td>Barre Gardens</td>
<td>6</td>
</tr>
<tr>
<td>Valley Vista, Vergennes</td>
<td>6</td>
</tr>
<tr>
<td>The Manor, Morrisville</td>
<td>6</td>
</tr>
<tr>
<td>Elderwood at Burlington</td>
<td>Not Shown</td>
</tr>
<tr>
<td>Mountain View Center, Rutland</td>
<td>Not Shown</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>38</strong></td>
</tr>
</tbody>
</table>

Source: Vermont Department of Health—December 7, 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.
Vermont Hospitalization Data
18% increase in the 7-Day hospitalization average over the past week

74% of hospitalizations among the unvaccinated over the last 7 days
Statewide Covid-19 Critical Care Usage

24% Increase in the 7-Day ICU average over the past week

81% of critical care stays among the unvaccinated over the last 7 days

Source: Vermont Department of Health—November 30, 2021
Vermont ICU Metrics
(7-Day Averages)

9% Increase
Over last 7 days

24% Increase
Over last 7 days

4% Decrease
Over last 7 days

ICU Beds Available

COVID-19 ICU Beds Occupied

Non-COVID-19 ICU Beds Occupied

Source: Vermont Department of Health—December 7, 2021
Vermont ranks 27th in COVID-19 new hospital admissions in the country over the last week.
Vermont Fatality Data
Weekly Covid-19 Deaths In Vermont

Source: Vermont Department of Health—December 7, 2021 (reporting week ending Tuesday to Monday)
Monthly Covid-19 Deaths In Vermont

419 COVID-19 deaths since the start of the pandemic

Source: Vermont Department of Health—December 7, 2021; deaths attributed to month in which death occurred rather than reported
Vermont had the 15th-fewest COVID-19 deaths per capita over the last week.

Source: CDC—December 6, 2021; Created with Datawrapper
Vermont Vaccination Data
# Vermont CDC Vaccine Scorecard

<table>
<thead>
<tr>
<th>Metric</th>
<th>Figure</th>
<th>State Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doses Administered per 100K</td>
<td>184,987</td>
<td>1</td>
</tr>
<tr>
<td>% At Least 1 Dose (5+ Population)</td>
<td>90.7%</td>
<td>2</td>
</tr>
<tr>
<td>% Fully Vaccinated (5+ Population)</td>
<td>77.6%</td>
<td>1</td>
</tr>
<tr>
<td>% At Least 1 Dose (Full Population)</td>
<td>86.5%</td>
<td>2</td>
</tr>
<tr>
<td>% Fully Vaccinated (Full Population)</td>
<td>74.0%</td>
<td>1</td>
</tr>
<tr>
<td>% Fully Vaccinated (65 &amp; Over)</td>
<td>99.2%</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: CDC—December 6, 2021; New Hampshire excluded due to unreliable data
Vermont leads the nation with the percentage of 5 to 11 year olds starting vaccination.

5 to 11 year old vaccinations increased 14% over last week.
Vermont Vaccination Progress

By Age Band

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Partially Vaccinated</th>
<th>Fully Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-11</td>
<td>12.98%</td>
<td>45.86%</td>
</tr>
<tr>
<td>12-15</td>
<td>32.88%</td>
<td>72.28%</td>
</tr>
<tr>
<td>16-17</td>
<td>51.32%</td>
<td>74.40%</td>
</tr>
<tr>
<td>18-29</td>
<td>57.23%</td>
<td>74.40%</td>
</tr>
<tr>
<td>22-29</td>
<td>7.94%</td>
<td>80.13%</td>
</tr>
<tr>
<td>30-39</td>
<td>63.59%</td>
<td>80.54%</td>
</tr>
<tr>
<td>40-49</td>
<td>88.39%</td>
<td>83.11%</td>
</tr>
<tr>
<td>50-59</td>
<td>86.88%</td>
<td>89.40%</td>
</tr>
<tr>
<td>60-69</td>
<td>88.29%</td>
<td>95.46%</td>
</tr>
<tr>
<td>70-74</td>
<td>86.88%</td>
<td>96.30%</td>
</tr>
<tr>
<td>75+</td>
<td>&gt;99%</td>
<td>95.61%</td>
</tr>
</tbody>
</table>

Source: Vermont Dept. of Health—December 6, 2021; *based on 2019 census estimates; state data may differ from CDC reporting
## Vermont CDC Booster Scorecard

<table>
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<tr>
<th>Metric</th>
<th>Figure</th>
<th>State Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>% of Fully Vaccinated w/ booster dose</td>
<td>38.8%</td>
<td>1</td>
</tr>
<tr>
<td>% of Fully vaccinated 18+ w/ booster doses</td>
<td>42.0%</td>
<td>1</td>
</tr>
<tr>
<td>% of Fully vaccinated 50+ w/ booster doses</td>
<td>54.7%</td>
<td>1</td>
</tr>
<tr>
<td>% of Fully vaccinated 65+ w/ booster doses</td>
<td>67.4%</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: CDC—December 6, 2021
Regional Data
Northeast Regional Cases

67.4% Increase in New Cases

New Cases November 23rd to November 29th
81,967

New Cases November 30th to December 6th
137,229

Sources: State Health Dept. & CTV National News (Quebec)
Weekly Northeast Regional Cases

Most Weekly COVID-19 Cases Reported Since January 25, 2021

Sources: State Health Depts.—November 29, 2021 (includes: CT, ME, MA, NH, NY, QC, RI & VT)
New England COVID-19 Cases Per 100K (7-Day Average)

New England cases increased 63% over last 7 days & increased 51% over last 14 days

Sources: State Health Depts.—December 6, 2021 (includes: CT, ME, MA, NH, RI & VT)
New England COVID-19 Case Trends
7-Day Average Cases Per 100K

Cases increasing across New England

Sources: State Health Depts.—December 6, 2021 (includes: CT, ME, MA, NH, RI & VT)
Case rate differences between Northern and Southern New England have largely disappeared.

Sources: State Health Depts.—December 6, 2021 (Northern NE includes: ME, NH & VT & Southern NE includes: CT, MA & RI)
National Data
U.S. Infections, Hospitalizations, & Deaths

- **Infections** (7-Day Average):
  - 48.3% Increase Over last 7 days

- **Hospitalizations** (7-Day Average):
  - 8.9% Increase Over last 7 days

- **Deaths** (7-Day Average):
  - 45.8% Increase Over last 7 days

Source: New York Times—December 6, 2021; created with Datawrapper
Infections, Hospitalizations, & Deaths by Percentage of State Population Vaccinated

Bottom Third Vaccinated States  Middle Third Vaccinated States  Top Third Vaccinated States  Vermont

Infections per 100K  Hospitalizations per 100K (Current)  Deaths per 100K

Source: Covid Act Now—November 30, 2021; 7-day averages; created with Datawrapper
Daily COVID-19 Cases per Million in US Regions

Calculated as a 7-day moving average. Definitions of North, Midwest, South, and West taken from the U.S. Census bureau.

Source: JHU—November 30, 2021; 7-day averages; created with Datawrapper
US COVID-19 Infection Confidence Intervals

Calculated as a 7-day mean. Inner and outer bands represent 50% and 95% confidence intervals, respectively.

Source: CDC—November 30, 2021
US COVID-19 Death Confidence Intervals

Calculated as a 7-day mean. Inner and outer bands represent 50% and 95% confidence intervals, respectively.

Source: CDC—November 30, 2021
RESTART VERMONT

Reopening Metrics

1. Syndromic Surveillance (retired)
2. Viral Growth & Reproductive Rates
3. Percentage of New Positive Tests
4. Hospital & Critical Care Bed Capacity
5. Testing Volume
Viral Growth & Reproductive Rates

Vermont Coronavirus Growth Rate

- Rolling 3-Day Avg % Growth
- Rolling 7-Day Avg % Growth

Source: Vermont Department of Health
Percentage of New Positive Tests

Percent Tests Yielding New Positive COVID-19 Cases

Source: Vermont Department of Health; 7-day positivity calculated as positive tests last seven days/tests last seven days
Hospital & Critical Care Beds

ICU Use & Capacity

Source: Vermont Department of Health
Vermont Testing

Vermont COVID-19 Testing

7-Day Rolling Average

# of Tests

Source: Vermont Department of Health; results reported to VDH daily