COVID Infections per 100K in Vermont (7-Day Average)

Cases have declined 39% since April 1st

The last week alone has seen a 24% decrease

Source: Vermont Department of Health—April 19, 2021
Vermont Cases by Age

- 0 to 9: 32, 81, 134, 154, 165, 308, 227, 87
- 10 to 19: 28, 88, 137, 150, 158, 292, 278, 102
- 20 to 29: 15, 63, 140, 122, 125, 242, 201, 114
- 30 to 39: 41, 63, 140, 122, 125, 102, 102, 81
- 40 to 49: 15, 63, 140, 122, 125, 102, 102, 81
- 50 to 59: 15, 63, 140, 122, 125, 102, 102, 81
- 60 to 69: 15, 63, 140, 122, 125, 102, 102, 81
- 70+: 15, 63, 140, 122, 125, 102, 102, 81

- 3/30/21 - 4/5/21: 102, 278, 292, 158, 150, 137, 88, 28
- 4/6/21 - 4/12/21: 114, 201, 242, 158, 150, 137, 88, 28
- 4/13/21 - 4/19/21: 81, 102, 102, 125, 140, 154, 134, 28
Weekly Higher Education Cases in Vermont

Source: Vermont Higher Education Institution Reporting—April 19, 2021
Source: Vermont Higher Education Institution Reporting—April 19, 2021
Vermont Case Rate & Vaccination by Age Band

New Infections per 100K (14-Day Average)
Percent Received First Vaccine Dose

Ages 16 to 29
Ages 30 to 39
Ages 40 to 49
Ages 50 to 59

Ages 60 to 64
Ages 65 to 69
Ages 70 to 74
Ages 75+

Source: VDH - April 19, 2021
Source: Johns Hopkins University Data, CDC Ensemble, & Oliver Wyman Forecast Model—April 19, 2021; Note: assumes current vaccine supply
Vermont Weekly COVID-19 Infections Forecast

Calculated as the 7-day sum of new infections. Gray bands represent 50% and 95% confidence intervals. Since projections are only released once a week, the actual number may appear to over or undershoot the forecast.
Age of Infected Vermonters Decreasing

Median age of COVID positive individuals in VT over the last 14 days. Green bars represent expanded vaccine eligibility.
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: Johns Hopkins University Data & Oliver Wyman Model—April 19, 2021
COVID PCR Tests per 100K in Last 30 Days Among Vermont and its Neighbors

Note: Maine and Ohio do not report testing data to the CDC
Vermont Vaccination Progress
By Age Band

Source: Vermont Dept. of Health—April 20, 2021; excludes those vaccinated through federal entities
US Vaccine Willingness

Willingness includes survey responses including respondents would “probably” or “definitely” receive a Covid-19 vaccine when available

Lowest hesitancy reported in Mass. & Vermont

Source: HHS/U.S. Census Bureau —April 19, 2021
Vermont Forward
Progress to Goal

Currently: 47.9%

Source: CDC — April 19, 2021; ranges represent 1+ dose for all Vermonters; includes doses administered through federal entities
Vaccines Reducing Vermont COVID-19 Fatalities

COVID-19 vaccines have saved an estimated 120 Vermonters.
Percent of Pharmacies with Available Appointments

VT at 0% availability

Source: Vaccine Spotter—April 19, 2021 at 5 p.m.
Vaccinated & Unvaccinated Vermonters
By Age Band

- Remaining Unvaccinated in Age Band
- At Least 1 Dose

21% vaccinated

65+
+90% vaccinated

Source: Vermont Dept. of Health—April 20, 2021; excludes those vaccinated through federal entities
Vermont has 93.6% of its 65+ Population Partially or Fully Vaccinated

Source: CDC—April 19, 2021; *New Hampshire data reporting anomalies
Vaccine Administration per 100K

Vermont Ranks 4th Nationally

Source: CDC—April 19, 2021
31.1% of Vermonters are Fully Vaccinated Placing Vermont 6th Nationally

Source: CDC—April 19, 2021
# 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>River’s Edge Community Care Home, <em>Bennington</em></td>
<td>8</td>
</tr>
<tr>
<td>Valley Vista, <em>Vergennes</em></td>
<td>Not Shown</td>
</tr>
<tr>
<td>Birchwood Terrace Rehab and Healthcare, <em>Burlington</em></td>
<td>Not Shown</td>
</tr>
</tbody>
</table>

Source: Vermont Department of Health—*Last updated April 16, 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.
Vermont Covid-19 case rates last week fell in 11 of 14 counties. Small increases in Essex, Bennington, & Windsor Counties; Orleans County fell 42% from last week.
Active COVID Cases per Million in Vermont Regions

For the purpose of this analysis, Vermont has been split into four regions: **Burlington Metro** (Chittenden, Franklin, Grand Isle), **Northeast Kingdom** (Caledonia, Orleans, Essex), **Central** (Lamoille, Washington, Addison, Orange), and **Southern** (Rutland, Windsor, Bennington, Windham).
Statewide Covid-19 Hospitalizations

2.77% Decrease
(Last 7 Days)

Source: Vermont Department of Health—April 19, 2021
Vermont Covid-19 Deaths by Week
Vermont Covid-19 Deaths
Decreased in March

Forecasted 10 to 20 Deaths in April
Vermont Weekly COVID-19 Deaths Forecast

Calculated as the 7-day sum of new infections. Gray bands represent 50% and 95% confidence intervals. Since projections are only released once a week, the actual number may appear to over or undershoot the forecast.

Source: CDC Ensemble Model via COVID Model Hub
Source: Johns Hopkins University; DFR Active Case Algorithm; Note: testing low in parts of South and Midwest
Regional Cases

10.67% Decrease in New Cases

New Cases April 6th to April 12th

92,284

New Cases April 13th to April 19th

82,434

Sources: State Health Departments & CTV National News (Quebec)
National COVID-19 Cases

-.93% Decrease
Over the Last 10 Days

-73% Decrease
Since January 11th

Source: Covid Tracking Project; NYT & CDC—April 19, 2021
US Weekly COVID-19 Infections Forecast

Calculated as the 7-day sum of new infections. Gray bands represent 50% and 95% confidence intervals. Since projections are only released once a week, the actual number may appear to over or undershoot the forecast.

Source: CDC Ensemble Model via COVID Model Hub
National COVID-19 Hospitalizations Flat

+6.74% Increase Over the Last 10 Days

-66% Decrease Since January 12th

Source: Covid Tracking Project; NYT & CDC—April 19, 2021
National COVID-19 Deaths Trending Down

-0.81% Decrease
Over the Last 10 Days

-77% Decrease
Since January 13th

Source: Covid Tracking Project; NYT & CDC—April 19, 2021
US Weekly COVID-19 Deaths Forecast

Calculated as the 7-day sum of new infections. Gray bands represent 50% and 95% confidence intervals. Since projections are only released once a week, the actual number may appear to over or undershoot the forecast.
Regional Weekly Cases

Sources: State Health Departments & CTV National News (Quebec) (includes: CT, ME, MA, NH, NY, QC, RI & VT)
Covid-19 Cases in K-12 Schools & Colleges Across Northern New England

New Hampshire
K-12: 4,825 (+397)
Higher Ed: 3,032 (+184)

Vermont
K-12: 1,233 (+63)
Higher Ed: 1,044 (+47)

Maine
K-12: 3,576 Cases (+87)
Higher Ed: 1,091 (+138)

Source: ME, NH & VT K-12 Dashboards. K-12 cases from the full school year; Higher Ed. cases from the Spring Semester.
Regional Hospitalizations

Trending Down
-5.46% Decrease
Over 7-Days

Source: Covid Tracking Project (7-Day Average in CT, ME, MA, NH, NY, RI & VT)—April 17, 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—April 20, 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—April 19, 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

Source: Vermont Department of Health—April 19, 2021
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—April 19, 2021
Vermont Testing

7-Day Rolling Test Average

- Rolling 7-Day Test Average
- 5,000 Benchmark

Source: Vermont Department of Health—April 19, 2021; results reported to VDH daily