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

Cases are down 61% since April 1st and 0.2% in the last week.

Source: Vermont Department of Health—May 3, 2021
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—May 3, 2021
COVID Infections per 100K in Vermont (7-Day Average)

The 0 to 39 group has increased 23% in the same period.

Infections in the over 40 group have decreased 22% this week.
% Of Vermonters Recieving At Least One Vaccine Dose

- 41% for 0 to 39 age group
- 78% for 40+ age group
Age of Infected Vermonters

Median age of COVID positive individuals in VT over the last 14 days.
Vermont Cases by Age

Source: VDH—May 4, 2021
Weekly Higher Education Cases in Vermont

Source: Vermont Higher Education Institution Reporting—May 3, 2021
Vermont K-12 Weekly Cases

Source: Vermont Department of Health—May 3, 2021
College Cases Equalled ~10% of all Vermont Cases

Source: Vermont Higher Education Institution Reporting—May 3, 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>Our House Residential Care Homes, Rutland</td>
<td>6</td>
</tr>
</tbody>
</table>

Source: Vermont Department of Health—*Last updated May 3, 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.
This Week Cases Appear to Have Spilled Over From Coos County into Essex County.
Vermont Covid-19 case rates rose slightly last week. Cases increased most in Essex County, but fell in Chittenden & Orleans Counties.
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).
Vermont Weekly COVID-19 Infections Forecast

Calculated as a 7-day sum. 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.
Vermont Hospitalization Data
Statewide Covid-19 Hospitalizations

12.97% Decrease
(Last 7 Days)

19.26% Decrease
(Last 14 Days)

Source: Vermont Department of Health—May 3, 2021
COVID-19 Hospitalizations By Month

Source: Vermont Department of Health—May 3, 2021

- **January**: Average Age 66.5, 65 cases (57+70 & Over)
- **February**: Average Age 64.7, 42 cases (38+Under 70)
- **March**: Average Age 58.9, 30 cases (61+Under 70)
- **April**: Average Age 55.7, 12 cases (57+Under 70)
COVID-19 Hospitalizations By Month

- January
- February
- March
- April

Legend:
- 29 and Under
- 30 to 39
- 40 to 49
- 50 to 59
- 60 to 69
- 70 and Over
Vermont Fatality Data
Vermont Covid-19 Deaths by Week

Source: Vermont Department of Health—May 3, 2021
Vermont COVID-19 Deaths by Month

Vermont is predicting between 5 and 15 deaths in May.
**Vermont Weekly COVID-19 Deaths Forecast**

Calculated as a 7-day sum. 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.
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>94,499</td>
<td>1</td>
</tr>
<tr>
<td>% At Least 1 Dose</td>
<td>57.4%</td>
<td>3</td>
</tr>
<tr>
<td>% Fully Vaccinated</td>
<td>39.9%</td>
<td>3</td>
</tr>
<tr>
<td>% 65+ One Dose</td>
<td>95.5%</td>
<td>2</td>
</tr>
<tr>
<td>% 65+ Fully Vaccinated</td>
<td>85.2%</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: CDC—May 3, 2021; CDC data using 2019 census estimates as of May 3, 2021
Vermont is 1st in the Country on Vaccines Administered Per 100K
Percent of Population With 1+ Dose

Vermont Ranks 3rd Nationally

Source: CDC—May 3, 2021
39.3% of Vermonters are Fully Vaccinated Placing Vermont 3rd Nationally

Source: CDC—May 3, 2021
Vermont has **95.5%** of its 65+ Population Partially or Fully Vaccinated

Source: CDC—May 3, 2021
85.2% of Vermonters 65 or Older Are Fully Vaccinated

Source: CDC—May 3, 2021
Vermont Weekly Vaccine Administrations

Source: Vermont Department of Health—May 3, 2021; week calculated beginning given Sunday through Saturday
COVID-19 Vaccinations in Vermont

Source: Vermont Department of Health—May 3, 2021
Vermont Vaccination Progress
By Age Band

- Partially Vaccinated
- Fully Vaccinated

Source: Vermont Dept. of Health—May 4, 2021; excludes those vaccinated through federal entities; uses 2019 Census data
Vaccinations by Age — Vermont vs. United States

- Vermont:
  - At Least 1 Dose:
    - <18: 3.66%
    - 18-29: 19.1%
    - 30-39: 53.99%
    - 40-49: 61.93%
    - 50+: 81.84%
  - Fully Vaccinated:
    - <18: 0.87%
    - 18-29: 33.97%
    - 30-39: 29.31%
    - 40-49: 64.89%
    - 50+: 68.05%

- United States:
  - At Least 1 Dose:
    - <18: 2.7%
    - 18-29: 33%
    - 30-39: 41.4%
    - 40-49: 47.5%
    - 50+: 68.05%
  - Fully Vaccinated:
    - <18: 0.9%
    - 18-29: 18.6%
    - 30-39: 26.4%
    - 40-49: 31.5%
    - 50+: 53.62%

Source: Vermont Department of Health and CDC—May 3, 2021
Vermont Forward
Progress to Goal

Percent with 1+ Doses

Vaccine Status Tracker: 57.4%

Source: CDC—May 3, 2021; ranges represent 1+ dose for all Vermonters; VT at 55.7% using 2020 census with population of 643,503
Regional Data
Regional Cases

20.58% Decrease in New Cases

New Cases April 20th to April 26th

New Cases April 27th to May 3rd

Sources: State Health Departments & CTV National News (Quebec)
Covid-19 Cases in K-12 Schools & Colleges Across Northern New England

**New Hampshire**
- K-12: 5,416 (+309)
- Higher Ed: 3,209 (+67)

**Vermont**
- K-12: 1,291 (+41)
- Higher Ed: 1,140 (+44)

**Maine**
- K-12: 3,954 (+88)
- Higher Ed: 1,191 (+40)

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
-14.13%
Over 7 Days

Source: Covid Tracking Project (7-Day Average in CT, ME, MA, NH, NY, RI & VT)—May 3, 2021
National Data
National COVID-19 Cases

10.65% Decrease
Over the Last 7 Days

Source: Covid Tracking Project; NYT & CDC—May 3, 2021
US Weekly COVID-19 Infections Forecast

Calculated as a 7-day sum. 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.
National COVID-19 Hospitalizations

5.54% Decrease
Over the Last 7 Days

Source: Covid Tracking Project; NYT & CDC—May 3, 2021
National COVID-19 Deaths

2.19% Decrease
Over the Last 7 Days

Source: Covid Tracking Project; NYT & CDC—May 3, 2021
US Weekly COVID-19 Deaths Forecast

Calculated as a 7-day sum. 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.
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—May 4, 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—May 4, 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—May 4, 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—May 4, 2021
Vermont Testing

7-Day Rolling Test Average

Source: Vermont Department of Health—May 4, 2021; results reported to VDH daily