

Vermont COVID-19 Vaccination Rates by County, Race and Ethnicity



Date Published: August 12, 2022. This summary will be updated every quarter.



Recent Changes to the Up to Date Definition

On August 3, the Health Department updated its definition of Up to Date to align with the CDC —people who have received all recommended doses of vaccine they are eligible for.

This ensures consistency and maintains our focus on encouraging Vermonters to get the highest level of protection against serious illness from COVID-19.

The definition of Up to Date now includes the recommendation for Vermonters aged 50+ to receive a second booster and for Vermonters aged 5-11 to receive a booster.

Learn more about [how to stay up to date on COVID-19 vaccines](#) and the [timing for these vaccinations](#).

Key Terms and Data Sources

This data brief shows the rate at which Vermonters ages 5 and older are up to date on their COVID-19 vaccines.

Up to Date means a person has received all recommended doses in their primary series of COVID-19 vaccine, and one to two booster(s) dose when eligible. That includes anyone who is aged:

- 50+ who has had a second booster dose
 - 18-49 who has had one booster dose
 - 5-17 who has had Pfizer for their primary series (or had two doses of Pfizer) and had one booster
 - 18+ who is fewer than 5 months past their second dose in a Moderna primary series
 - 18+ who has had Novavax for their primary series (or had two doses of Novavax)
 - 5+ who is fewer than 5 months past their second dose in a Pfizer primary series
 - 18+ who is fewer than 2 months past their first dose in a Johnson & Johnson (J&J) primary series
 - 5-17 who has completed two doses of a Moderna primary series
- Children aged 6 months to 4 years old are not currently included as many still need time to complete their primary series.
 - Some people may be up to date but we have not yet received their vaccination record(s) (for example, those who received one or more of their doses out of state or those who received a dose today or yesterday).
 - Some people who are moderately to severely immunocompromised may appear to be up to date, and have been counted as up to date, but are not up to date if they have not received the recommended doses for those who are immunocompromised. Whether or not someone is immunocompromised is not available in the Vermont Immunization Registry.

Data Sources: Vermont Immunization Registry (IMR); Vermont Department of Health Population numbers (2019).

- Population estimates, in some cases, may underestimate or overestimate the true population number.
- Race/ethnicity information is missing for 4% of people vaccinated.

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Up to date COVID-19 vaccination rates by race and ethnicity

Key Points

The up to date vaccination rates have declined in July 2022 for BIPOC and non-Hispanic white Vermonters. This decline is mainly due to the recent changes in the definition of up to date, which includes the recommendation for Vermonters aged 50+ to receive a second booster and for Vermonters aged 5-11 to receive a booster.

A higher percentage of BIPOC Vermonters are up to date on COVID-19 vaccinations than non-Hispanic whites.

However, inequities based on race and ethnicity in up to date vaccinations exist in some age groups and in some parts of the state.

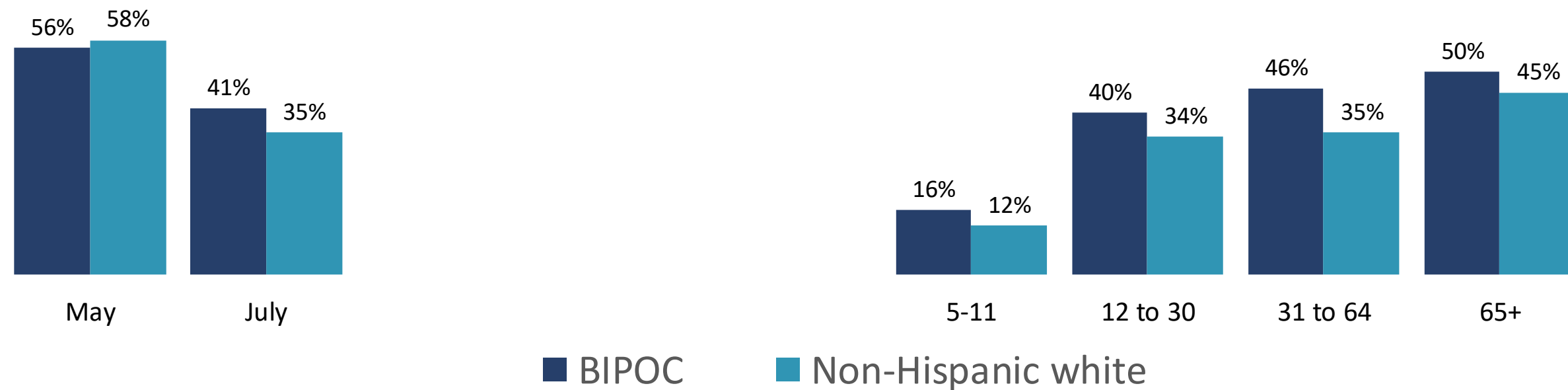
COVID-19 Vaccination patterns:

Comparing up to date vaccination rates between BIPOC and non-Hispanic white Vermonters

BIPOC Vermonters have higher up to date COVID-19 vaccination.

The up to date vaccination rates declined in July 2022 for BIPOC and non-Hispanic white Vermonters. This decline is mainly due to the recent changes in the definition of up to date, which includes the recommendation for Vermonters aged 50+ to receive a second booster and for Vermonters aged 5-11 to receive a booster.

Across various age groups, a higher percentage of BIPOC Vermonters are up to date on COVID-19 vaccinations, compared to non-Hispanic whites.



Covid-19 Vaccination patterns: **Up to date vaccination rates by race and ethnicity**

Vermonters aged 5+ who identify with two or more races have the highest rate of up to date COVID-19 vaccinations, whereas Vermonters who identify as Native Americans, Indigenous or First Nation have the lowest up to date vaccination rates.

A higher proportion of Hispanic Vermonters are up to date than non-Hispanic Vermonters.



Data sources: Vermont Immunization Registry (IMR); Vermont Department of Health Population estimates (2019).

Data note: Race/ethnicity information is missing for 4% of people vaccinated. Population estimates, in some cases, may underestimate or overestimate the true population number.

Race and ethnicity are analyzed separately above.

Estimated COVID-19 up to date vaccinations rates vary by race and age group.

Population estimates, in some cases, may underestimate or overestimate the true population.

- Overall, Pacific Islander and Native American, Indigenous, or First Nation Vermonters have lower up to date vaccinations rates than white, Black, Asian and multiracial Vermonters.
- 5-11-year-olds have the lowest up to date COVID-19 vaccination rates amongst all racial groups with data.
- Multiracial Vermonters who are aged 31-64 and 65+ have the highest (51-75%) up to date vaccination rates.

Age	White	Black or African American	Native American, Indigenous, or First Nation	Pacific Islander	Two or more races	Asian
5-11	<=25%	<=25%	*	*	<=25%	<=25%
12-30	26-50%	26-50%	<=25%	<=25%	26-50%	26-50%
31-64	26-50%	26-50%	<=25%	<=25%	51-75%	26-50%
65+	26-50%	26-50%	**	*	51-75%	26-50%
Total	26-50%	26-50%	<=25%	<=25%	26-50%	26-50%

Data sources: Vermont Immunization Registry (IMR); Vermont Department of Health Population estimates (2019).

Data note: Race/ethnicity information is missing for 4% of people vaccinated. Population estimates, in some cases, may underestimate or overestimate the true population. number

* Value is suppressed, or not shown, due to small numbers to protect individuals' health information. Data are suppressed when there are fewer than six people vaccinated in a subgroup, or there are fewer than 50 people in the population.

** An additional value is suppressed since the statewide values include the true totals.

Covid-19 Vaccination patterns:

Up to date vaccination rates by race and ethnicity across counties

Estimated COVID-19 up to date vaccinations rates by race and ethnicity are largely similar across counties.

- Vermonters who identify as Native American, Indigenous, or First Nation have <=25% vaccination rates in all counties.
- All groups in all counties, except for multiracial Vermonters in Chittenden county, had no more than 50% of up to date vaccination rates.
- Multiracial Vermonters have a wide range of up to date vaccination rates across Vermont counties, from a low of <=25% in three counties to a high of 51-75% in Chittenden county.
- Rates for Hispanic Vermonters vary across counties, from a low of <=25% to a high of >75%, while there is less variation amongst non-Hispanic Vermonters across counties.

County	White	Black or African American	Asian	Two or More Races	Native American, Indigenous, or 1st Nation	Pacific Islander	Hispanic	Not Hispanic
Addison	26-50%	26-50%	26-50%	26-50%	<=25%	*	51-75%	26-50%
Bennington	26-50%	<=25%	26-50%	26-50%	**	*	26-50%	26-50%
Caledonia	26-50%	<=25%	26-50%	26-50%	<=25%	*	26-50%	26-50%
Chittenden	26-50%	26-50%	26-50%	51-75%	<=25%	<=25%	51-75%	26-50%
Essex	<=25%	*	*	<=25%	*	*	<=25%	<=25%
Franklin	26-50%	26-50%	26-50%	26-50%	<=25%	*	>75%	26-50%
Grand Isle	26-50%	**	*	26-50%	<=25%	*	51-75%	26-50%
Lamoille	26-50%	26-50%	26-50%	26-50%	<=25%	*	51-75%	26-50%
Orange	26-50%	26-50%	26-50%	26-50%	<=25%	*	26-50%	26-50%
Orleans	26-50%	<=25%	26-50%	26-50%	<=25%	*	51-75%	<=25%
Rutland	26-50%	26-50%	26-50%	26-50%	<=25%	*	26-50%	26-50%
Washington	26-50%	26-50%	26-50%	26-50%	<=25%	*	51-75%	26-50%
Windham	26-50%	<=25%	26-50%	<=25%	<=25%	*	26-50%	26-50%
Windsor	26-50%	26-50%	26-50%	<=25%	<=25%	*	26-50%	26-50%

Data sources: Vermont Immunization Registry (IMR); Vermont Department of Health Population estimates (2019).

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(See the [data suppression rules](#) to learn more about this).