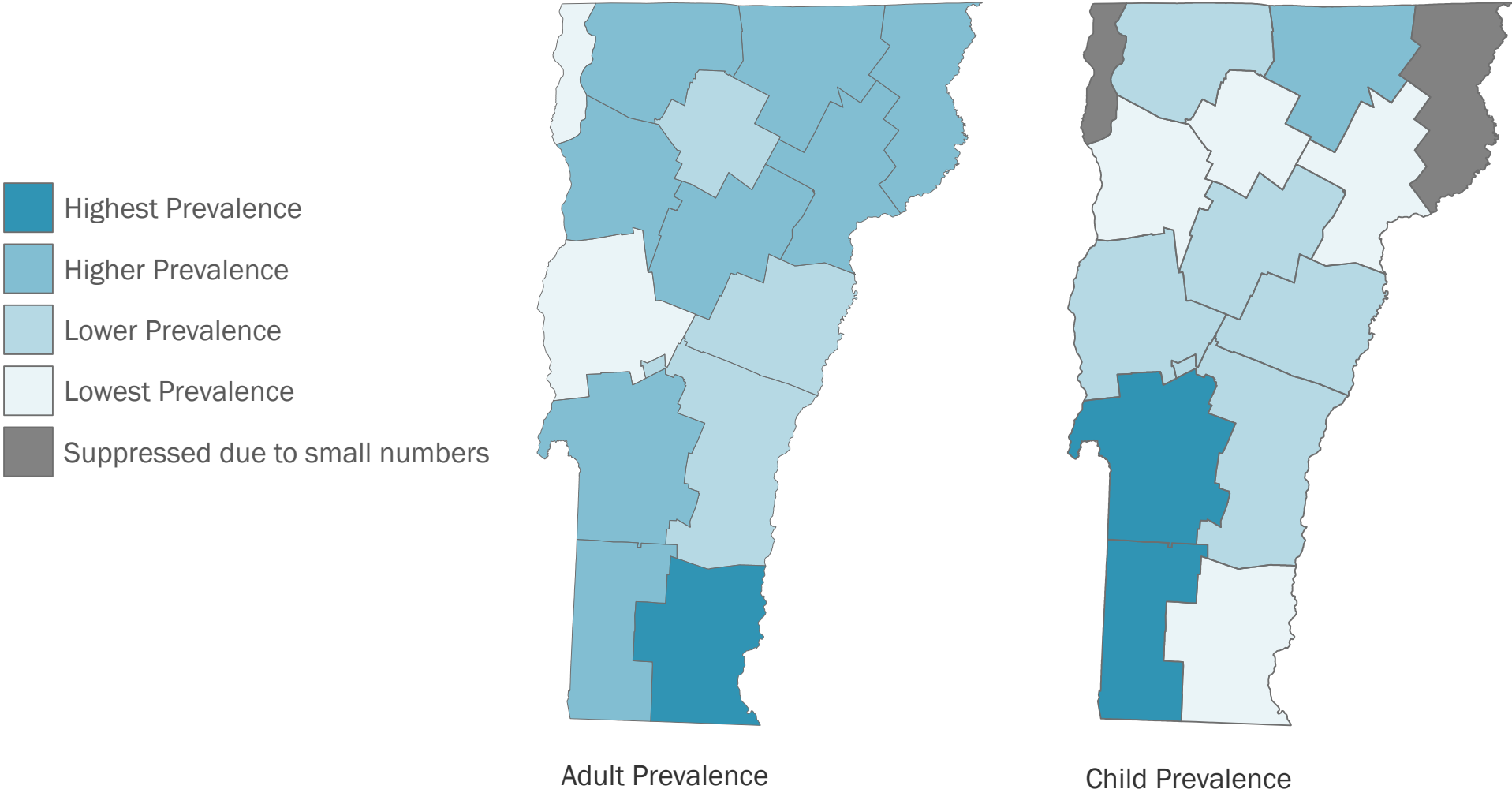


Asthma Prevalence in Vermont

Vermont has one of the highest rates of adult asthma prevalence in the U.S.

Understanding where more Vermonters have asthma helps focus efforts in areas of highest need to reduce the burden of asthma for all Vermonters.



Prevalence Data Notes

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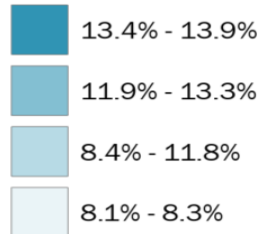
February 2024

A Vermonter is counted as having asthma if they responded that they have ever been diagnosed with asthma by a provider AND they still have asthma.

Map: Adult Asthma Prevalence

Data Source: Behavioral Risk Factor Surveillance Survey 2021, 2022

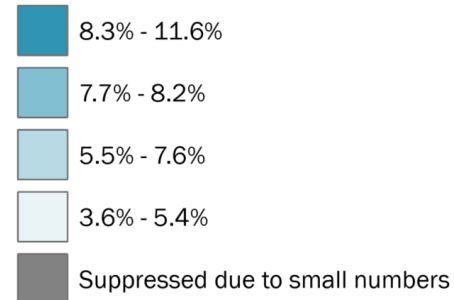
Legend:



Map: Child Asthma Prevalence

Data Source: Behavioral Risk Factor Surveillance Survey 2021, 2022

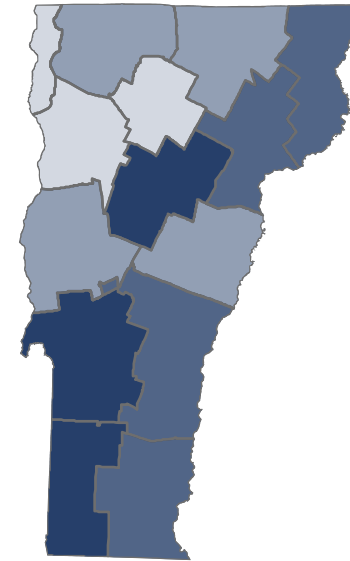
Legend:



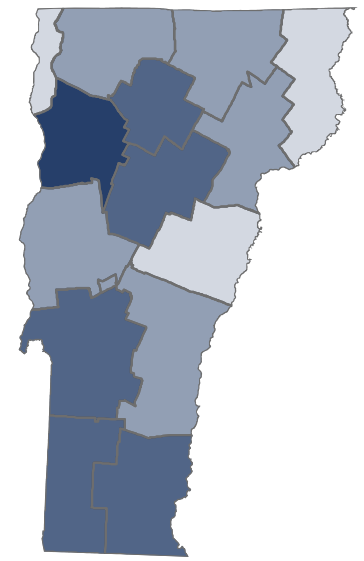
Asthma Risk Factors

This page presents the geographic distribution of several factors that are known to contribute to worse asthma outcomes and which are directly associated with the social determinants of health. These maps can be used as a comparison to the maps of asthma prevalence and quality of life to better focus efforts to reduce the burden of asthma on Vermonters.

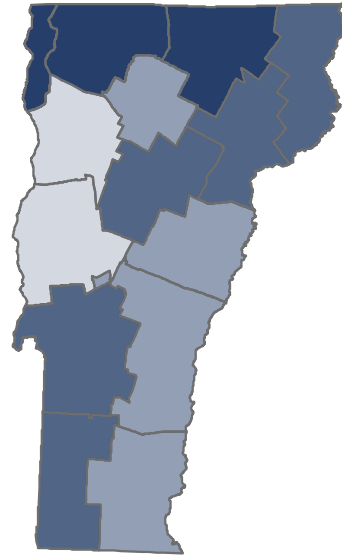
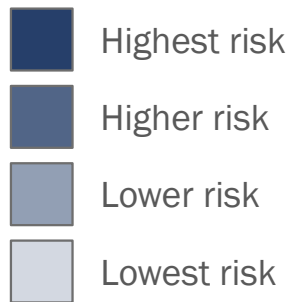
See methodology page for more details about the data represented in these maps.



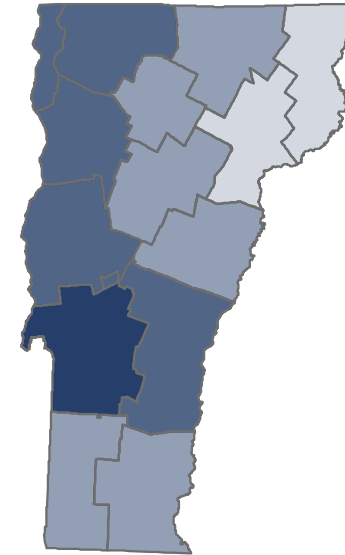
% of housing built before 1980



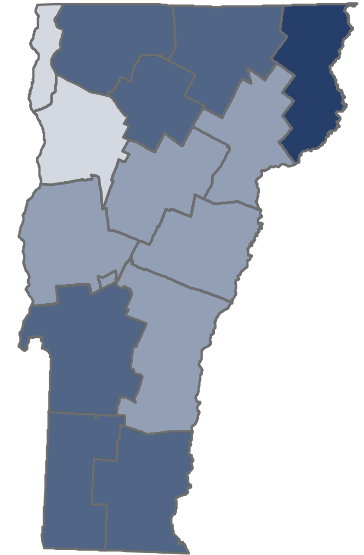
% of houses rented



% of adults who smoke



Annual average PM 2.5 concentration per cubic meter of air



% of adults not vaccinated for flu

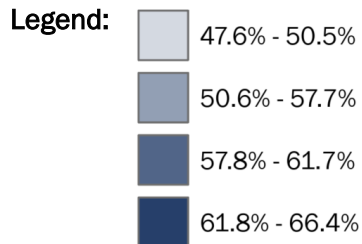
Asthma Risk Factors Data Notes

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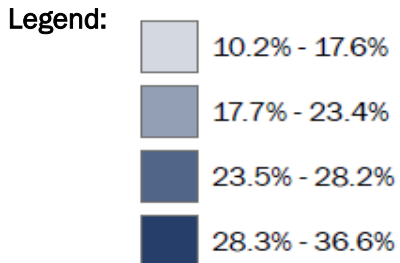
Map: % of housing built before 1980

Data Source: American Community Survey 2022 (5-Year Estimates)



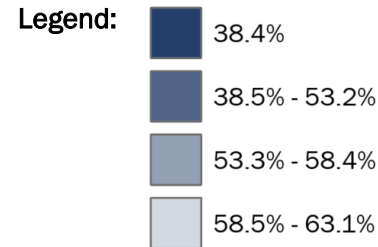
Map: % of housing units rented

Data Source: American Community Survey 2022 (5-Year Estimates)



Map: % of adults not vaccinated against the flu

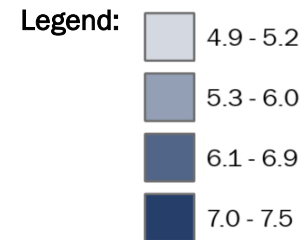
Data Source: BRFSS 2021, 2022



Map: Annual average PM 2.4 concentration per cubic meter of air

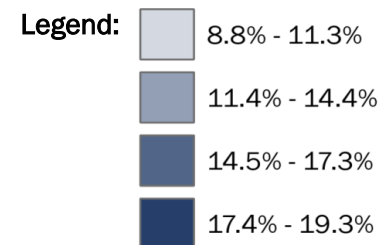
Data Source: Centers for Disease Control and Prevention's National Environmental Public Health Tracking Program

<https://www.healthvermont.gov/environment/tracking/air-quality>



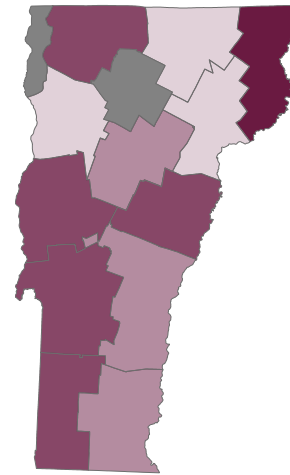
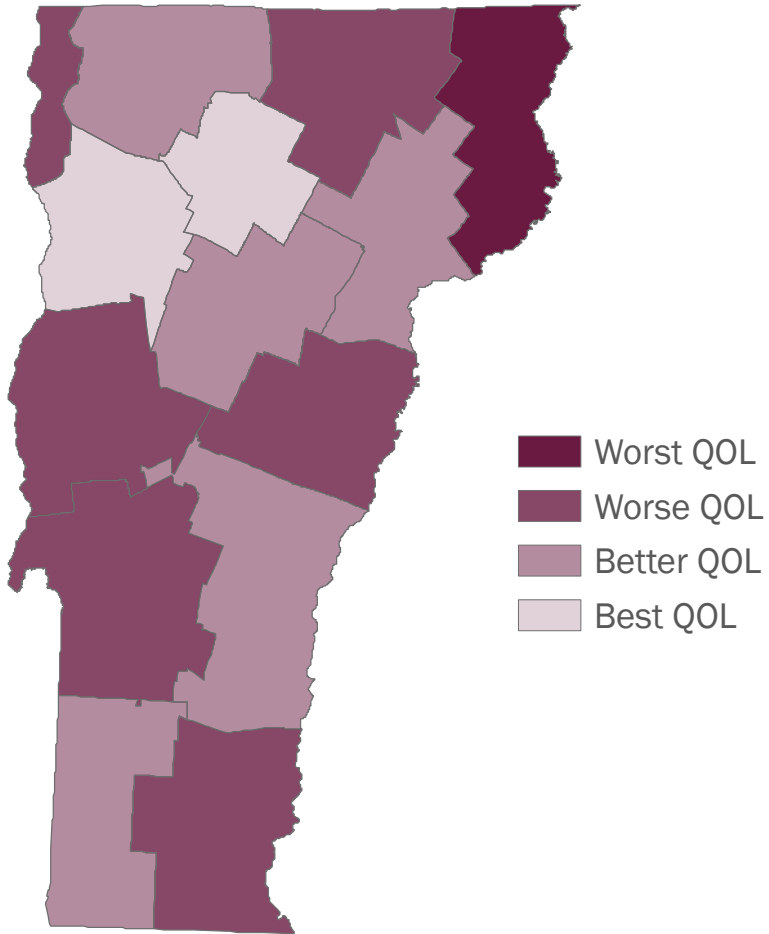
Map: % of adults who smoke

Data Source: Behavioral Risk Factor Surveillance Survey 2021-2022

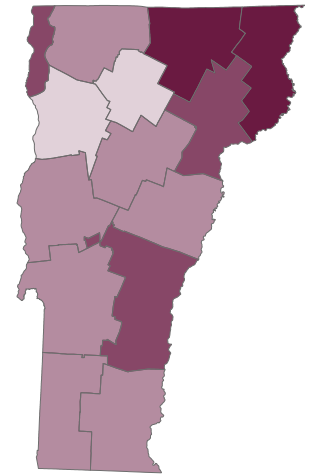


Quality of Life Among Vermonters with Asthma

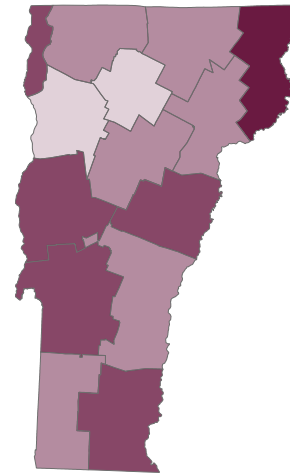
Total Quality of Life Score*



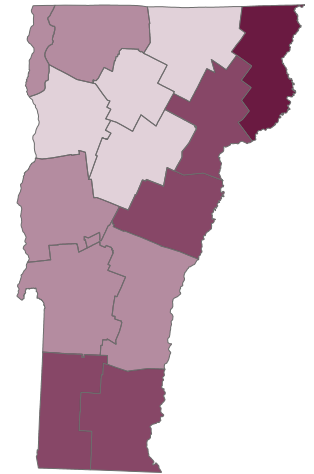
% who have had an asthma attack in the past year



Rate of ED visits with a primary diagnosis of asthma



% with uncontrolled asthma



% with fair or poor general health

*Score is determined by the average number of times a county falls into each QOL range in each of the other 4 maps shown on this page.

All rates, except that of emergency department (ED) visits are among Vermont adults with asthma.

Asthma Quality of Life Data Notes

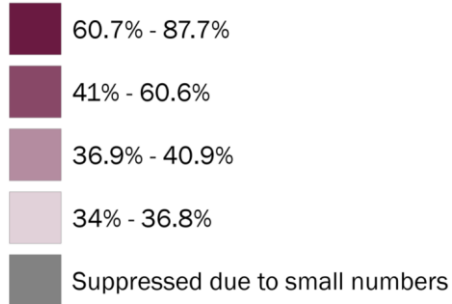
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February 2024

Map: % who have had an asthma attack in the past year

Data Source: Asthma Call-Back Survey, 2018-2021

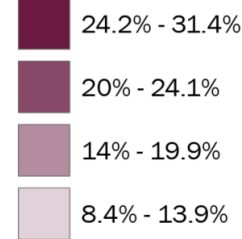
Legend:



Map: Rate of ED visits with a primary diagnosis of asthma

Data Source: Vermont Uniform Hospital Discharge Data Set 2021

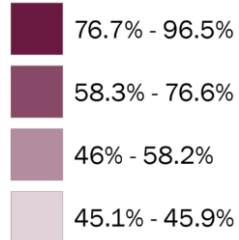
Legend:



Map: % with uncontrolled asthma

Data Source: Asthma Call-Back Survey 2018-2021

Legend:



Map: % with fair or poor general health

Data Source: Behavioral Risk Factor Surveillance Survey 2018-

2022

Legend:

