

Montana Asthma Burden Report

March 2024

The **Montana Asthma Control Program (MACP)** is committed to addressing the public health concern of asthma. The MACP is responsible for Montana's asthma surveillance, as well as implementing evidence-based interventions to improve asthma control and prevention.



Population

Source: US Census

As of 2020, Montana has a population of

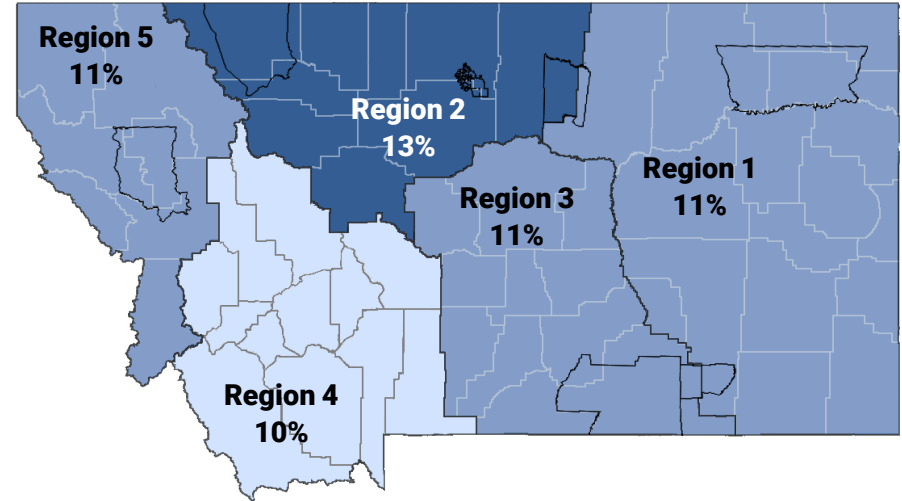
1,122,867



Adult Asthma Prevalence in Health Planning Regions

Source: 2021-2022 BRFSS

Region 2 is slightly higher in adult asthma prevalence compared to surrounding regions. Asthma prevalence by region was determined by calculating percentages of adults with current asthma within each region compared to adults who did not have current asthma.



Asthma-related Emergency Department & Hospitalizations

Source: 2022 Montana Hospital and ED Data where asthma was the primary source of visit

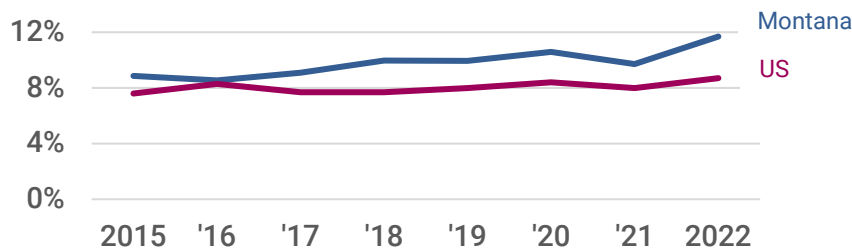
	Emergency Department Visits	Hospitalizations
Total Charges	\$4,153,910	\$4,856,816
Stays/Visits	1,771	308
Average Charge	\$2,346	\$15,769



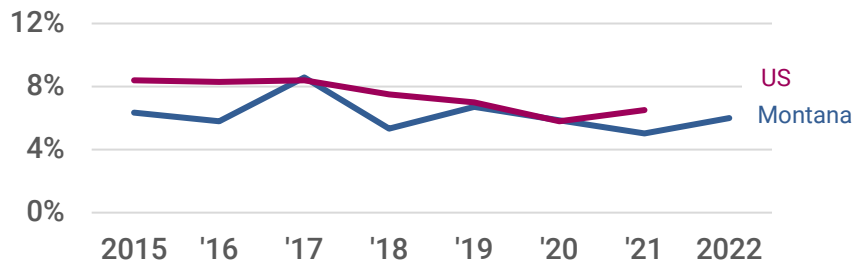
US and Montana Asthma

Source: 2015-2022 BRFSS

From 2015 to 2022, there was a slight increase in the percentage of adults with current asthma in **Montana**.

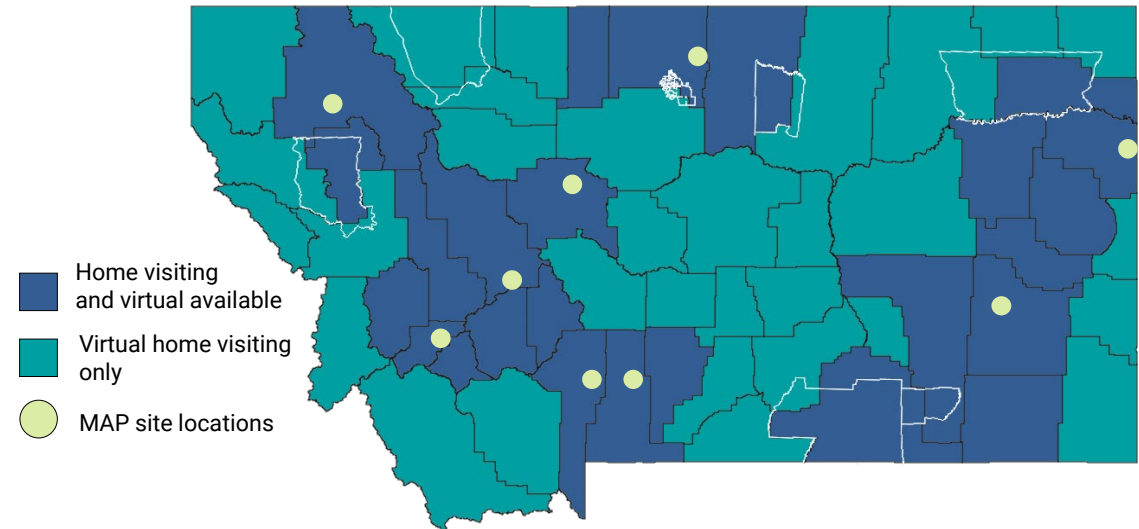


The prevalence of **US** and **Montana** children with current asthma were similar from 2015 to 2021.



Montana Asthma Home Visiting Program (MAP)

MAP provides free asthma education for people of all ages with uncontrolled asthma. The program includes 6 interactions with a trained healthcare provider over the course of one year. In-home visits are available in 25 counties, virtual visits are available in all 56 counties.

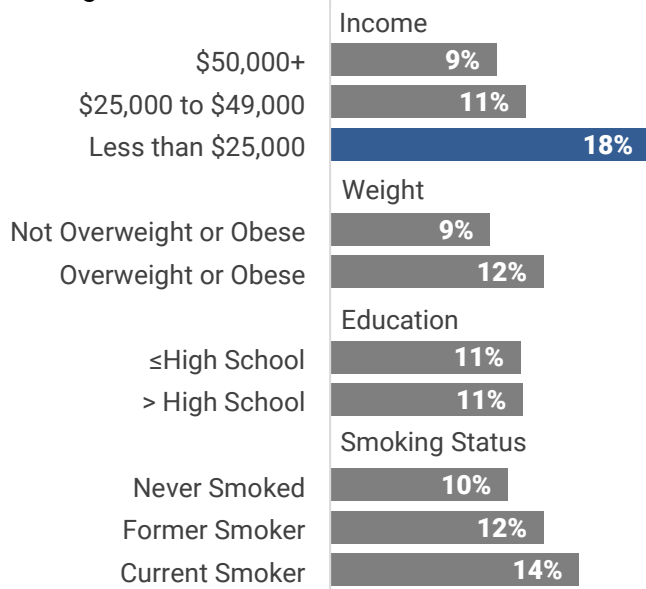




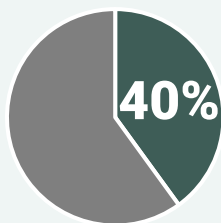
Montana Adult and Child Asthma

Source: Adult Asthma Call Back Survey 2016-2020
Child Asthma Call Back Survey 2018-2020

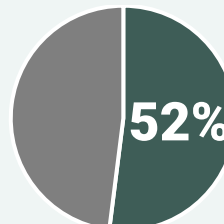
Montana adults making less than \$25,000 were two times more likely to have asthma as those making \$50,000 or more.



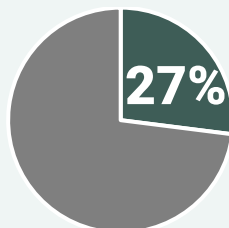
Uncontrolled asthma is often defined by frequency of symptoms, such as suffering from daytime asthma more than two days a week, waking up at night with asthma symptoms more than twice a month, use of rescue inhaler more than twice a week, or limited activity due to asthma. The goal of asthma management is to experience few symptoms and have asthma well controlled.



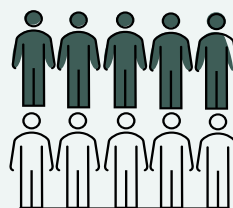
of adult men have uncontrolled asthma



of adult women have uncontrolled asthma

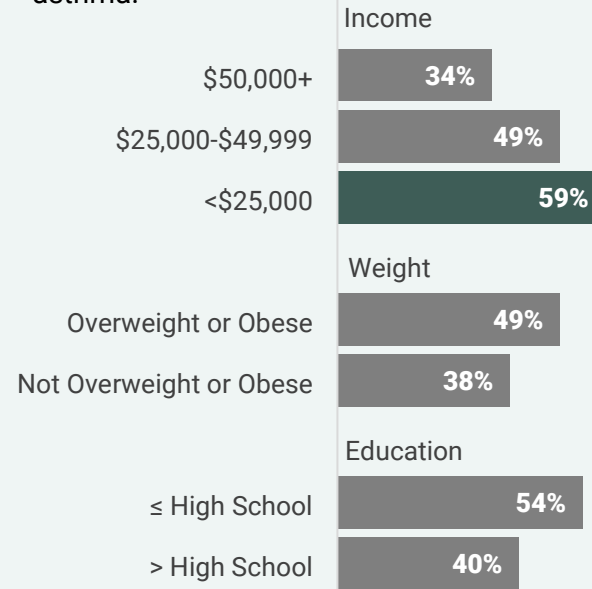


of children have uncontrolled asthma

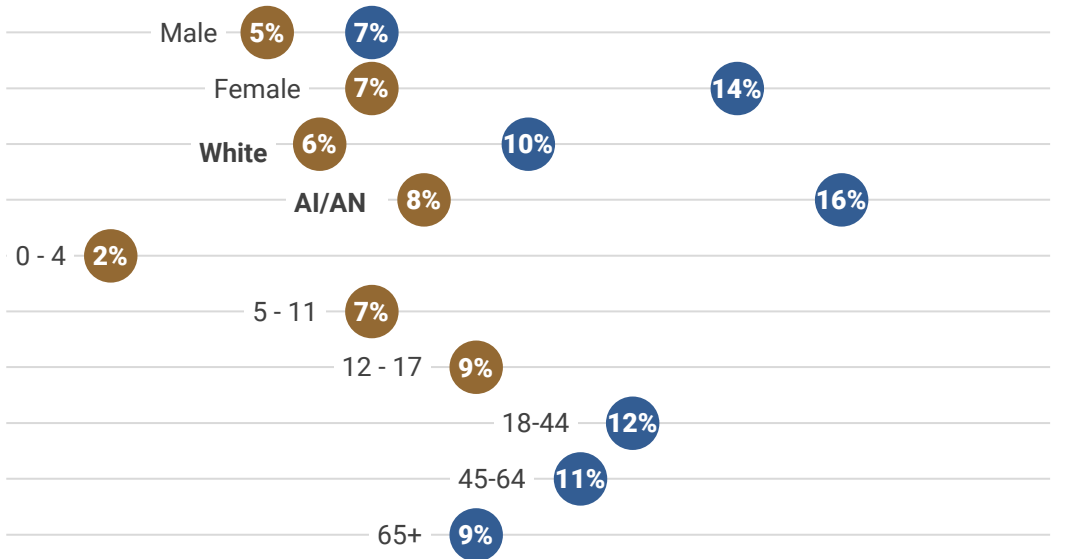


Nearly half (46%) of adults with asthma have uncontrolled asthma

Montana adults with low income had the highest prevalence of uncontrolled asthma.



Child and adult American Indian/Alaska Native (AI/AN) individuals in Montana had a higher percentage of current asthma than white individuals.



Adults with uncontrolled asthma had the highest disparities observed in **fair/poor general health** and **missing 1 or more days of work** due to asthma compared to those with controlled asthma.

