

Asthma Cooperative Agreement Partner Profile

MICHIGAN

Accessible link: <https://www.cdc.gov/asthma/contacts/asthma-grantee-profile-mi.html>

The Michigan Asthma Prevention and Control Program (MiAPCP) has been part of CDC's National Asthma Control Program since receiving a CDC asthma surveillance grant in 1998. They work alongside partners to improve the quality of asthma care, improve asthma management in schools, and foster policies to help reduce exposure to asthma triggers in outdoor, indoor, and workplace environments.

Strategies in Action

- MiAPCP provides technical assistance to the Managing Asthma Through Case Management in Homes (MATCH) program. MATCH is an in-home case management model for children and adults, offered by several health systems and non-profit organizations across Michigan. A certified asthma educator provides in-home asthma self-management education and trigger assessment, with visits to workplaces, schools, or childcare facilities, as appropriate. MATCH programs are reimbursed by multiple health plans and replication has been successful in additional communities where MiAPCP has worked to promote it. A 2018 multi-site evaluation of MATCH programs showed an 83% decrease in hospitalizations, 60% decrease in ED visits, and 63% decrease in missed workdays due to asthma among participants surveyed at least six months after their final home visit.
- MiAPCP collaborated with a school nurse consultant from the Michigan Department of Health and Human Services / Michigan Department of Education to develop the content for "Supporting Students with Asthma," an online course for Michigan educators. The Michigan Statewide Education Network hosts the training on EduPaths, a professional development portal for educators. It was released in October 2020. Educators can get 0.25 continuing education hours for completing the course. A total of 330 educators took the course during 2021–2022.
- MiAPCP created the Little Lungs Asthma-Friendly Childcare trainings for license-exempt childcare providers enrolled in a Michigan state program that pays family members to watch the children of low income parents going to school or work. However, MiAPCP quickly learned that the trainings attracted many licensed childcare providers as well. The training includes information about how asthma affects the lungs, what to do during an asthma emergency, and how to use asthma medications correctly. In the first 2 years of the program, 40 trainings were held for 491 participants; 172 were license-exempt. Little Lungs programs delivered asthma-friendly cleaning products to 74 license-exempt participants, helping them to create a safer environment for children. An evaluation of the first year of data indicated that approximately 66.6% of participants answered at least 9 out of the 10 questions correctly after the training. Questions on controller medicine and rescue inhaler use were the least likely to be answered correctly among training participants. Three out of four participants reported an increased comfort with administering rescue medications after training, compared to before. One of two providers reported making changes to their childcare environment at the two-week follow-up.

MI

Asthma by the Numbers:

2021

**6,99,000 Adults
with asthma**



**151,000 Children
with asthma**

As of 2021, approximately 699,000 Michigan adults and 151,000 Michigan children were currently living with asthma.

2020

3,390 Hospitalizations



In 2020, there were 3,390 hospitalizations due to asthma in Michigan.



**U.S. Department of
Health and Human Services**
Centers for Disease
Control and Prevention

cdc.gov/asthma

National Asthma Control Program: EXHALE

Education

on asthma self-management

X-tinguishing

smoking and exposure to secondhand smoke

Home

visits for trigger reduction and asthma self-management education

Achievement

of guidelines-based medical management

Linkages

and coordination of care across settings

Environmental

policies or best practices to reduce asthma triggers from indoor, outdoor, or occupational sources

CDC's National Asthma Control Program (NACP) and its partners help people with asthma achieve better health and improved quality of life. NACP developed EXHALE, a set of six public health strategies that each contribute to better asthma control.

Each EXHALE strategy has been proven to reduce asthma-related hospitalizations, emergency department visits, and healthcare costs. Using the EXHALE strategies together in a community can have the greatest impact.