

MAP Services Include:

- Six home visits over the course of a year
- An environmental home assessment
- Focused asthma education
- Educational resources and referrals to appropriate community agencies
- Case management and coordination
- Allergen proof pillow and mattress covers
- Air filters for those with animals or smokers present in the home
- **All MAP services are offered at no cost to the children and their families**



After one year, participants who completed the MAP reported fewer symptoms, ED visits and missed school days because of asthma.

Source: MAP Quarterly Reports

Referrals

When to refer

Any child aged 0-17 years with a current asthma diagnosis who has had either:

- an emergency department visit, hospitalization or unscheduled medical office visit for asthma

OR

- an Asthma Control Test score of less than 20 in the last year is eligible for the program.

How to refer

To refer a child living in Anaconda-Deer Lodge County to the MAP, call the Anaconda-Deer Lodge County Health Department.

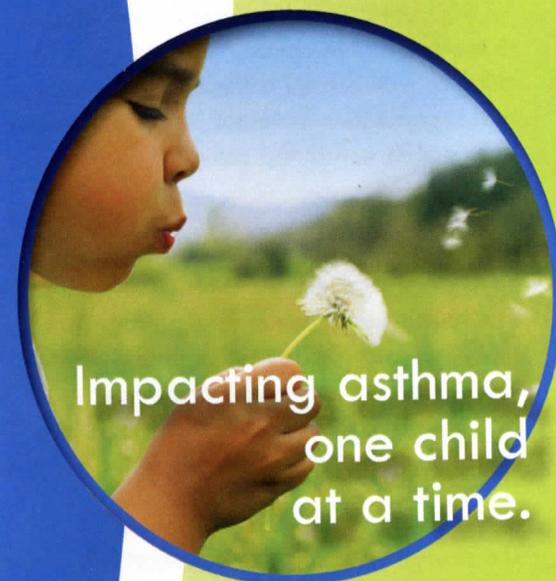
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Montana
Asthma Control Program
Chronic Disease Prevention & Health Promotion Bureau

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MONTANA
DPHHS

Healthy People. Healthy Communities.
Department of Public Health & Human Services

<http://dphhs.mt.gov/asthma>

Preliminary findings from first 3 years of the Montana Asthma Home Visiting Program

Table 2. Outcomes of participants completing the MAP, December, 2013

Percent		Baseline	12 month
4	27	Severe or very severe self-reported asthma	
75	21	Asthma knowledge test score of 10 or higher (equivalent to $\geq 91\%$)	
10	73	Asthma Control Test score less than 20	
93	26	Have good inhaler technique	
89	25	Have an asthma action plan	
4	23	Had symptoms everyday of the last 30 days	
35	81	Some/extreme activity limitation in the last month	
2	17	Used SABA everyday of the last 30 days	
100	--	Completed environmental change in home	
22	57	Missed at least 1 school day due to asthma in the last 6 months	
25	66	Had an unscheduled office visit or ED visit for asthma in the last 6 months	
100	69	Self-reported fair amount, quite a bit, or a lot known about asthma	
100	54	Self-reported fair amount, quite a bit, or a lot known about asthma medications	
92	58	Self-reported fair amount, quite a bit, or a lot known about asthma triggers	
88	65	Self-reported that they are confident or very confident that they can handle an attack	
-- Not measured at that visit			

References: 1. Guide to Community Preventive Services. Asthma control. www.thecommunityguide.org/asthma/index.html. Last updated: 06/2008. 2. National Heart, Lung, and Blood Institute. Expert Panel Report 3: Guidelines for the Diagnosis and Management of Asthma. 2007. Accessed at: <http://www.nhlbi.nih.gov/guidelines/asthma/asthpdlnh.htm>. 3. Behavioral Risk Factor Surveillance System, 2010-4. MACF, Program Factsheet. Accessed at: www.dphhs.mt.gov/asthma

- The Community Guide¹ recommends "home-based multi-trigger, multicomponent interventions with an environmental focus for children and adolescents with asthma."

- The Expert Panel Report² on asthma says, "multifaceted allergen education and control interventions delivered in the home setting" should be utilized for asthma patients with allergies.

- 17,000 children in Montana are estimated to currently have asthma³ and about 1/3 of children with current asthma report symptoms that suggest they have not well controlled or very poorly controlled asthma.⁴

- Since June 2011, 139 children aged 0-17 have been continuously enrolled in the Montana Asthma home visiting Program (MAP) which provides home visiting services to children with uncontrolled asthma. As of December 15, 2013, 53 of them have completed the 6 visits included in the program.

- The results for the first MAP cohort are shown in the Table. MAP participants experienced dramatic reductions in asthma symptoms after completing the program. Nearly all participants had well-controlled asthma based on their ACT score upon completion of the program. Completion of the MAP reduced the number of ED visits or unscheduled office visits and days of school missed by students, which can lead to reduced costs.