




**Wisconsin's
Asthma Care
Program**

*Home-Based
Asthma Program*

PROGRAM IMPROVES ASTHMA OUTCOMES

The Asthma Care Program (ACP) provides self-management education and home environmental walk-throughs to people with poorly controlled asthma. Each client has two home visits with a trained asthma educator and receives two follow-up calls.

CHARGE REDUCTIONS¹

The ACP has demonstrated a reduction in asthma-related emergency department (ED) and hospital billed charges. The subset with asthma hospitalization shows the greatest potential for reduction. Even when considering overall asthma-related billed claims, including increased outpatient and medication costs, the ACP still showed charge reductions of -54%.

	Total clients	Pre	Post	% Change	\$ Change
BASE ELIGIBILITY (1+ asthma ED visits or hospitalization)	54	\$11,602	\$3,451	-70%	-\$8,151
HIGH COST (1+ hospitalizations)	13	\$30,265	\$10,130	-67%	-\$20,135
HIGH ED UTILIZATION (2+ ED visits without hospitalizations)	25	\$8,610	\$2,026	-76%	-\$6,584

ED VISIT AND HOSPITALIZATION REDUCTIONS²

↓ **79%**

Asthma **emergency department visits**

↓ **50%**

Asthma **hospitalizations**

DEMONSTRATED OUTCOMES³

↑ **82%**

Clients with **improved ACT scores**

↑ **87%**

Clients with an **asthma action plan**

↓ **78%**

Missed days of school or work

¹Charge reductions based on Medicaid claims data compiled January 2019.

²ED and hospitalization reduction calculated on the base eligibility (N=54).

³Demonstrated outcomes based on self-report data of 71 clients completing program and three-month follow-up.



Wisconsin Asthma Program

Bureau of Environmental and Occupational Health

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