



Genesee County Childhood Asthma Taskforce

**Controlling Asthma in
Genesee County, Michigan**

Genesee County Childhood Asthma Taskforce

Scale

Population in Genesee County: 440,000+

People with Asthma: Approximately 10,000 children with asthma which represents 7% of the total number of children. Hospitalization rate is 27.1/10,000 as compared to the state rate of 23.9

Program's Target Population: Currently we reach approximately 10% of the children with asthma in the county in some manner-either by direct disease management or by education and asthma awareness

Clients served:

- Disease Management Program: 150 patients/year
- One-time home assessment and telephone coaching: 200-300 patients/year
- Educational Outreach: Approx. 2000-3000 people/year

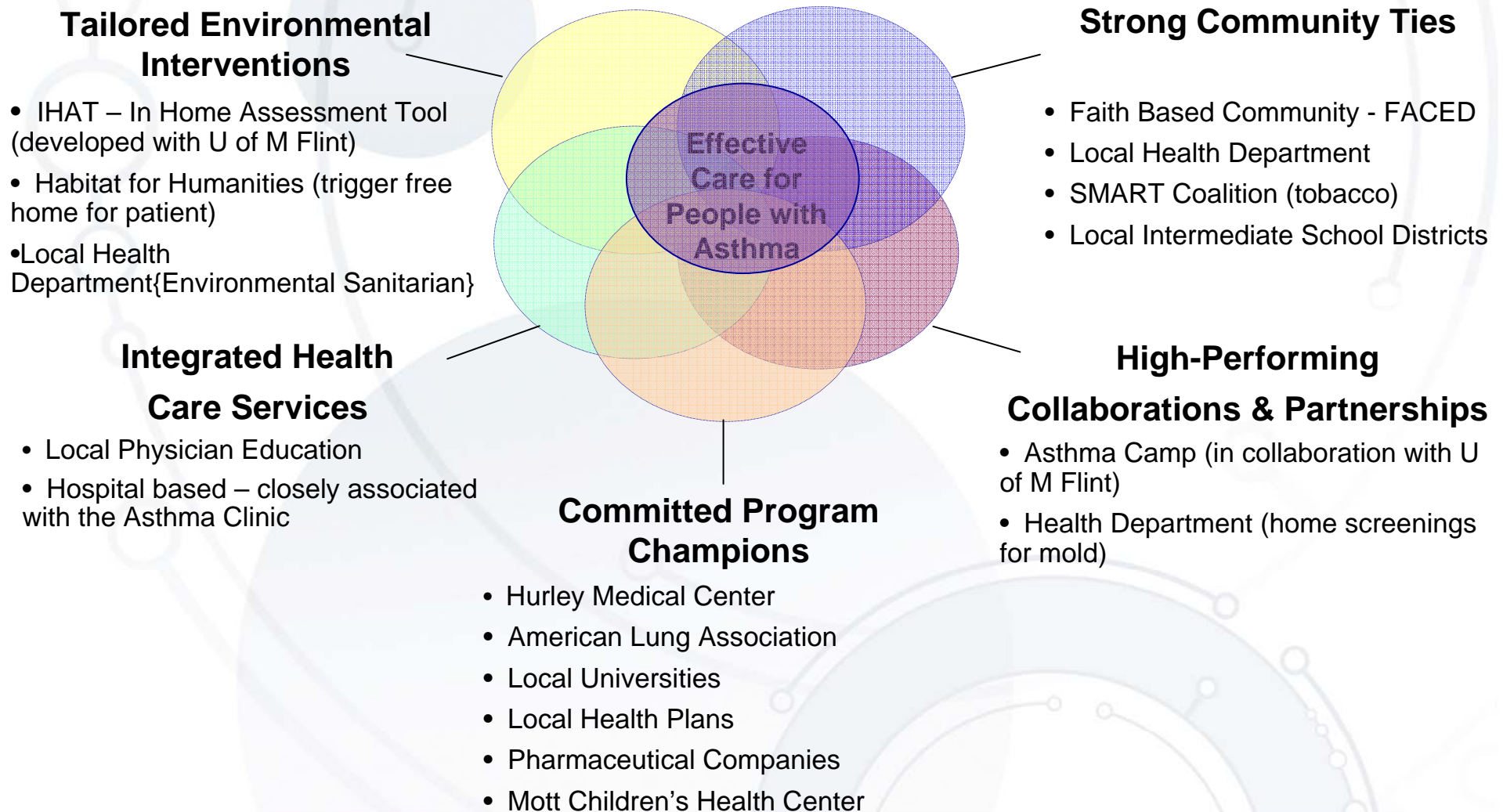
Organizational Framework:

Community- based task force administered by health care provider and community organization

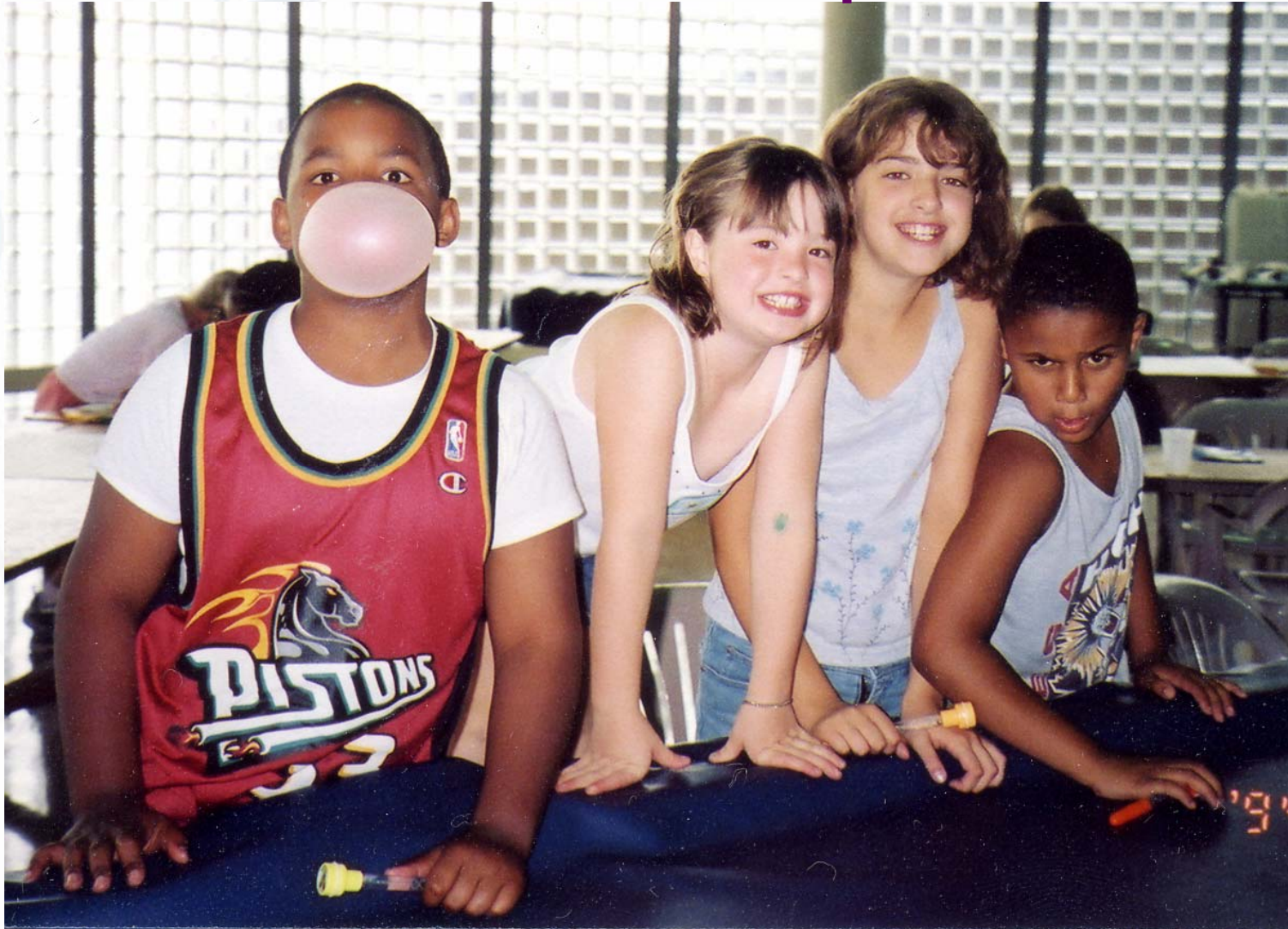
- 3 FTE in Disease Management Program/1 part time employee in asthma clinic and 2 physicians
- Approx. 50 Task Force Members



Genesee County Childhood Asthma Taskforce: Key Program Elements



High-Performing Collaborations & Partnerships: Asthma Camp



Building a Successful Program: Defining Moments

Program established: 1998

- Originally through the University of Michigan Flint with a group of concerned citizens

Defining Moments:

- Development of a professional outreach program for school professionals, in conjunction with American Lung Association, Asthma 101 which greatly increased our involvement in schools.
- As the IHAT was being developed, several community partnerships were formed.
 - Has been expanded upon to include faith based programs, schools, health departments, health plans etc enabling us to increase our work in different arenas.
- Hurley Medical Center's becoming the fiduciary and in-kind support which allows us to use majority of grant monies received to further asthma work in the community.



Key Process and Health Outcome Goals

Process Outcome Goals

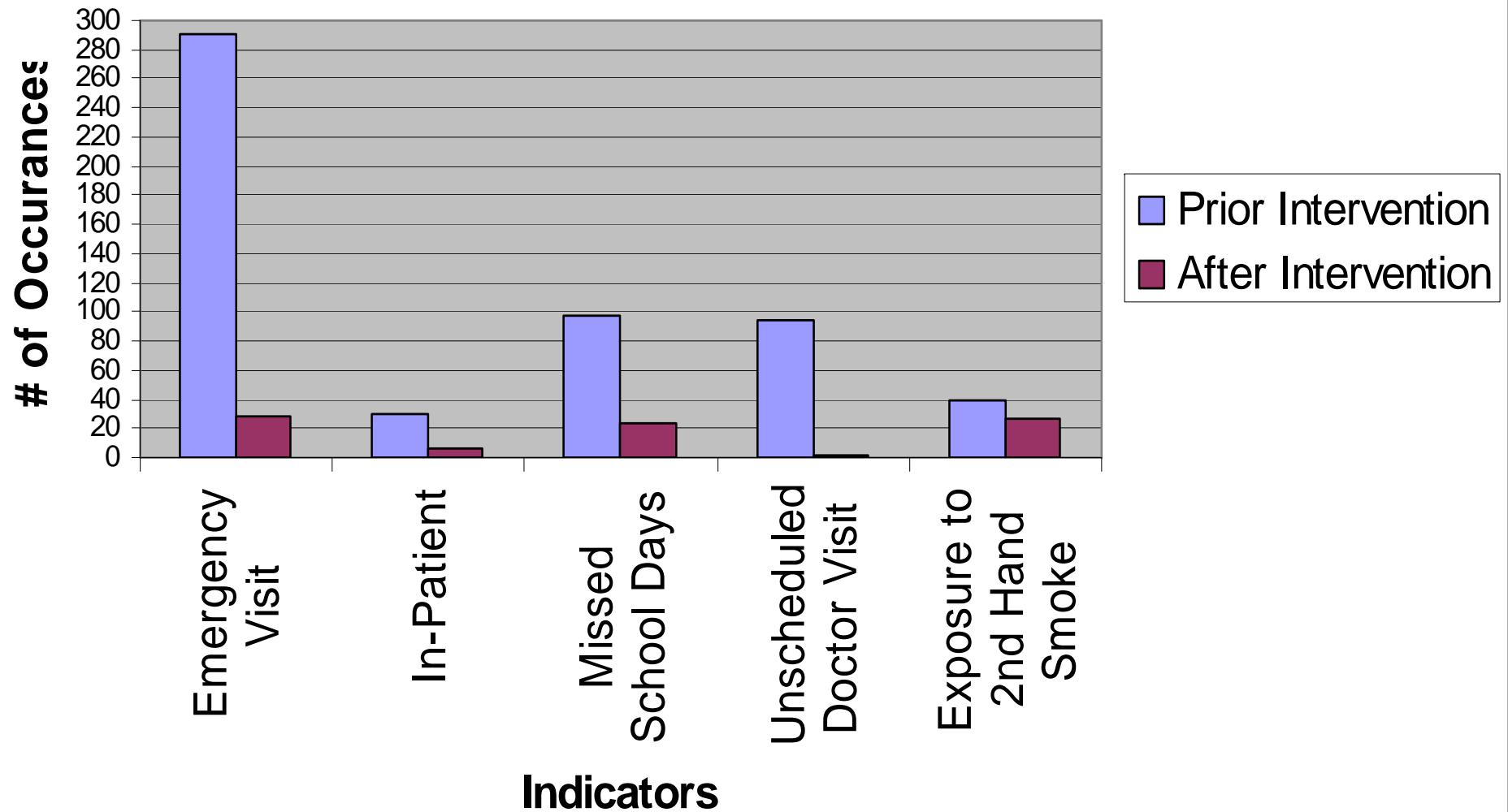
- Complete home assessments including all rooms of the house
- Telephone coaching
- Emergency Department interventions

Health Outcome Goals

- Decrease Emergency Department visits
- Decrease asthma hospitalizations
- Improved quality of life factors (eg. Missed school days)



Evidence of Success: Key Results



Evidence of Success: Key Results

2005

	Prior to Enrollment	After Enrollment	Variance
Inpatient Encounter	107	32	-75 (↓ 70)
Costs of Inpatient Encounter	\$710,347	\$242,247	-\$468,000 (↓ 66%)
Critical Care Days	63	9	-54 (↓ 85%)
ED Encounters	132	91	-41 (↓ 31%)
ED Charges	\$60,319	\$36,006	-\$24,313 (↓ 40%)



Maintaining a Successful Program: Financing & Sustainability

Annual Budget: \$200,000

Funding Sources:

- **Hurley Medical Center-- primary funding source providing in-kind support for personnel salaries and operating costs**
- **Secondary funding sources are Federal, State and Local grants**
 - \$15,000 through Michigan Department of Community Health Asthma Program
 - Previous EPA Grant for \$35,000
 - Community Education Grant of \$32,000/per year (3rd year of 3 year grant)

Key Actions:

- **Seeking health plan reimbursement and other sustainable sources of funding**
- **Expanding focus to include adults**



Summary

Asthma management is effectively facilitated with expertise from diversified community partners.

Contact Information:

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