Michigan Department of Community Health, 
Asthma Prevention and Control Program

JOHN DOWLING 
MICHIGAN ASTHMA PREVENTION & 
CONTROL PROGRAM
Program at a Glance

- **Location:** Lansing, Michigan
- **Type of Program:** Community Asthma Coalition
- **Service Area:** Statewide, focusing on communities with the highest asthma burden
- **Population Served:** Low income, urban, suburban and rural communities throughout the state
- **Results:** 24% ↓ asthma mortality; 28% ↓ in pediatric hospitalizations; 41% ↓ in asthma hospitalizations for children enrolled in Michigan Medicaid programs
Building the System

Let Data Guide Program Planning, Design and Implementation

Develop asthma surveillance reporting system

Identify major public health problem

Initiate awareness campaign in high burden areas

Community leaders form local asthma coalitions

2000 – Develop first statewide plan to reduce asthma with public and private actors from clinical care, education, environmental, data and public health fields

High Performing Collaborations:
Partnered with University of Michigan School of Public Health to develop multi-media presentation to educate participants on asthma triggers in the home.

Today: Third iteration of 2011-2014 Strategic Plan uses collaborative partnerships to achieve success.
Evaluating the System

- Evaluate Program Implementation
- Utilize partnerships, contract language, funding, application prioritization
- Establish sustainable programs to meet the needs of asthma community

**MATCH**
- Intensive case management for those with high risk asthma

**FLARE**
- Standard asthma discharge instructions for EDs

**GIST**
- Implementation guidelines and targeted asthma education for schools in poorest areas

**Results:** 24% ↓ MI asthma mortality ratio (2000-2007); 28% ↓ pediatric asthma hospitalization rates (2000-2009); 41% ↓ asthma hospitalization for children in MI Medicaid programs (2005-2009).
Sustaining the System
Secure and maintain diverse funding streams:

- National Asthma Control Initiative
- Agency for Health Care Research & Quality
- Environmental Protection Agency
- U.S. Department of Housing and Urban Development

Utilize integrated partnerships to make policy recommendations and promote community initiatives:

- Healthy School Action Tool
- Managing Asthma Through Case Management in Homes
- Diabetes, arthritis, cancer, disabilities, tobacco and injury prevention, Cardiovascular Health, Nutrition, Physical Activity Programs
Sustaining the System

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