

# The Business Case for Asthma Interventions

A review of the economic evidence for home-based asthma services



# CDC Community Guide

*The Task Force finds that the combination of minor to moderate environmental remediation with an educational component provides **good value for the money invested** based on improvement in symptom free days and savings from averted costs of asthma care and improvement in productivity.*



# CDC Community Guide

## *Minor to Moderate Intensity*

**COST:** \$231-\$1,720 per participant

**CBR:** \$5.30-\$14.00:\$1.00 invested

**CER:** \$12-\$57/Symptom-Free Day

## *Major Remediation*

**COST:** \$3,796-\$14,858 per participant

**BENEFIT:** More info needed.

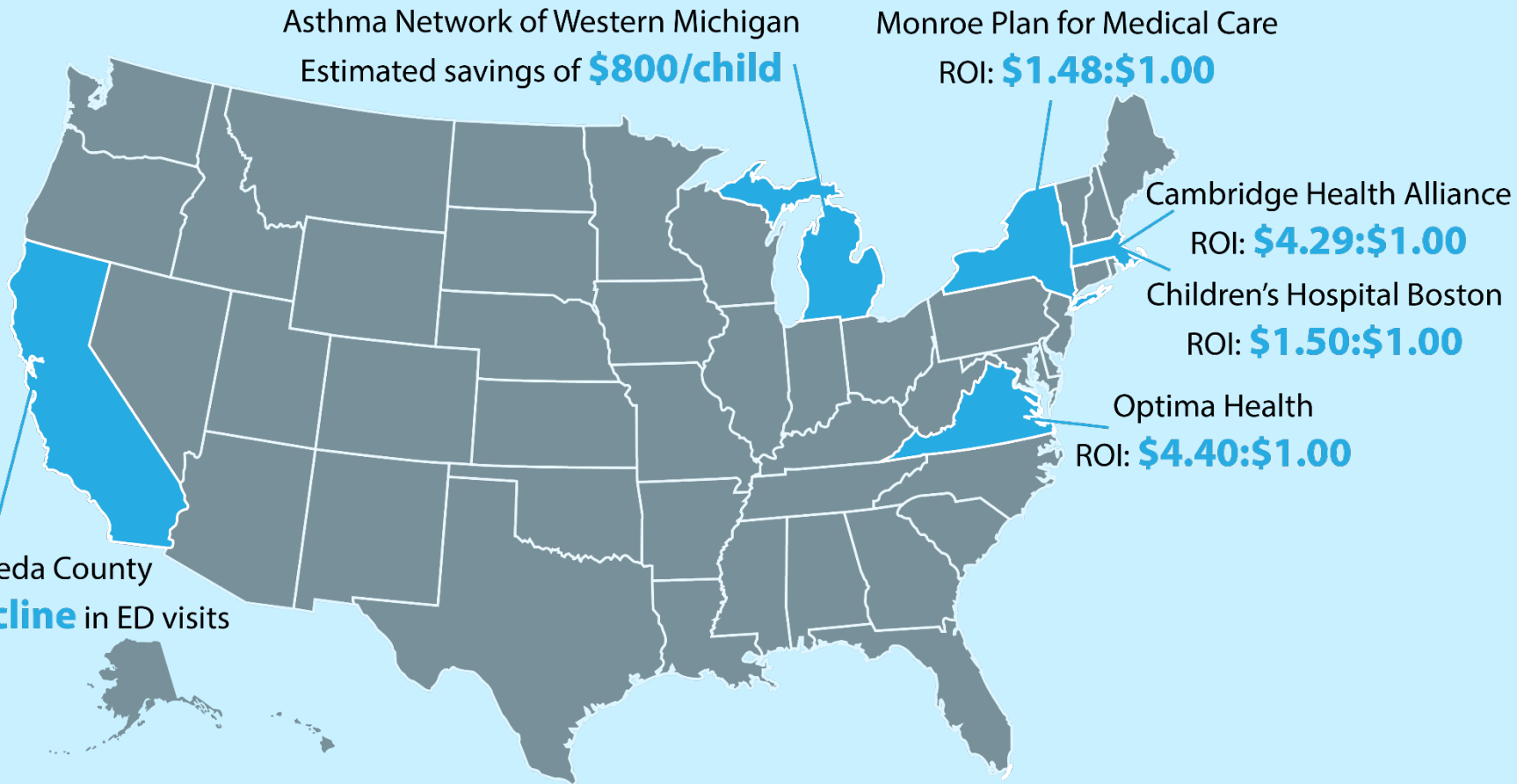


# ARC Business Case

- Burden and cost of asthma morbidity
- Best practice interventions
- Suggestions for stratification of interventions
- Workforce considerations
- Model programs
- Opportunities for providers, payers and employers



# ARC Business Case



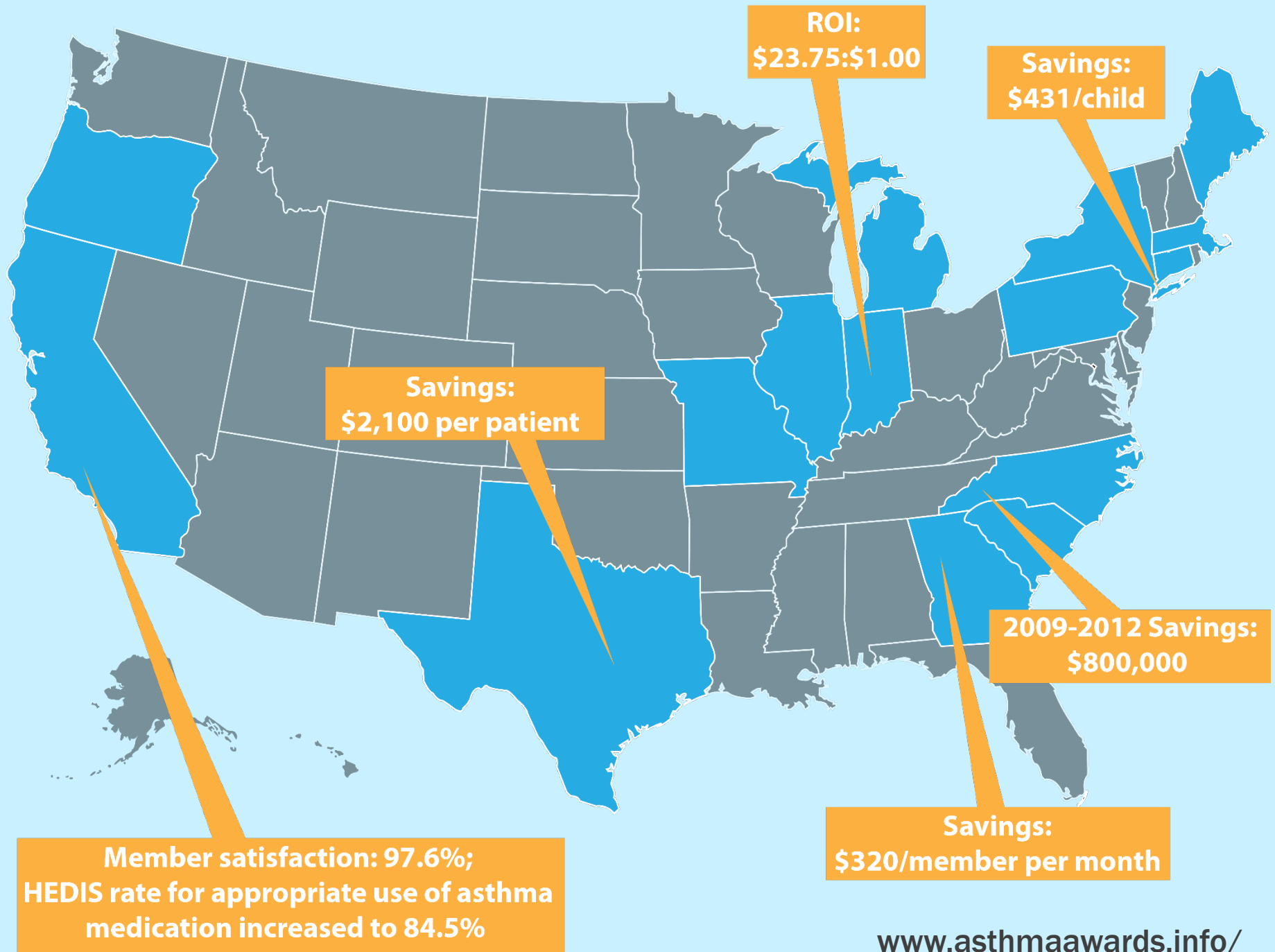
# EPA Award Winners

*EPA's highest recognition a program and its leaders can receive for delivering excellent environmental asthma management as part of their comprehensive asthma care services*

- 32 health plans, providers and programs in at least 15 states and DC recognized since 2005
- Many of these real-world programs have shared information about their costs and savings.







# CDC's National Asthma Control Program



Asthma Self-Management  
Education and Environmental  
Management:

## Approaches to Enhancing Reimbursement





# Considerations

- Perspective (e.g., payer, societal)
- Impact of targeting, intensity, staffing, scope, number of visits
- Levels of services
- Timeframe of measurement
- Benefit structure (e.g., lifetime limit, multiple residences, multiple patients in same residence)
- Some costs may go up, but net benefit likely to be savings
- Role of cost-neutral or cost-effective interventions in achieving the triple aim
- Ability to leverage other funding



# Useful Tools

- EPA's Value Proposition Toolkit
  - [www.asthmacommunitynetwork.org/resources/valueproposition](http://www.asthmacommunitynetwork.org/resources/valueproposition)
- AHRQ's Asthma ROI Calculator:
  - <http://nhqrnet.ahrq.gov/asthma/>

Expert reports +  
real-world examples +  
these tools +  
your own program's information/experience =  
**A compelling (and fundable) story**



# National Center for Healthy Housing

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