



EPA'S ASTHMA PROGRAM



Promoting Public Health-Health Care Collaboration and Reimbursement of Preventive Asthma Control Strategies

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Agency Mechanisms

- Regulatory Measures
- Research
- Guidance Development
- Outreach & Education
- Partnerships; Leveraging systems

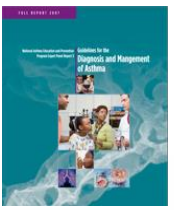
ORIA Asthma Program Aim

Get environmental controls into all elements of asthma management.

- Health care
- Housing
- Schools
- Community Systems, with a special focus on EJ



Asthma Program History at a Glance: 1990-Present



NAEPP Expert Panel Report: Guidelines for the Diagnosis and Management of Asthma (NHLBI)



- EPA Formal Agreements With Cooperative Partners With Schools, Provider, General Education Focus
- EPA-IED Asthma Strategy

President's Task Force on Environmental Health Risks and Safety Risks to Children

White House Federal Asthma Initiative

National Academy Of Sciences Clearing the Air: Asthma and Indoor Air Exposures Report (EPA)



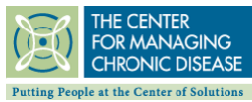
EPA Awards Program



EPA Public Awareness Campaign



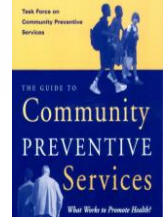
Declare Goal—Mobilize 1000 Communities in Action for Asthma-Friendly Environments & launch AsthmaCommunityNetwork.org



University of Michigan Asthma Health Outcomes Project (EPA)

NAEPP Guidelines Implementation Panel Report (NHBLI)

Community Preventive Services Task Force—Asthma Review—Managing Asthma Through Home Visits: Empowering Individuals to Create Healthy Home Environments (CDC)



Coordinated Federal Action Plan to Reduce Racial and Ethnic Asthma Disparities (EPA-HHS-HUD)

Advancing Healthy Housing: A Strategy for Action (HUD-EPA-HHS)

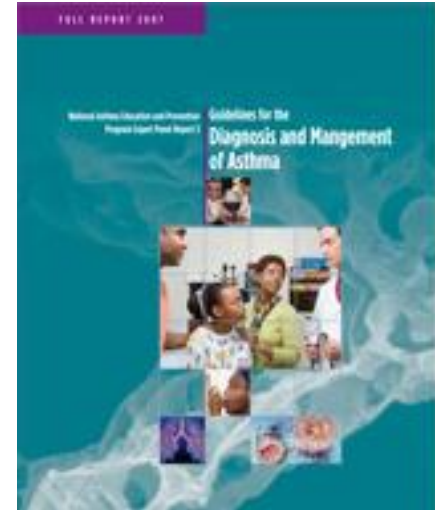
Spread In-Home Services and Advance Sustainability

■ Science-Care Guidelines ■ Policy ■ Practice

Science behind our asthma program



Evidence-Base

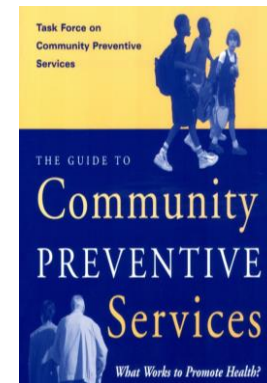


Care Guidelines

*Asthma Health
Outcomes Project*

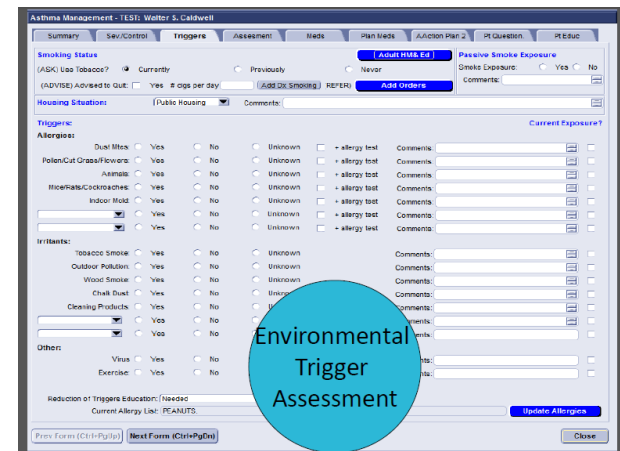


Communities systems



Home visits

How we approach our work



Educate and motivate families

Advance standards of care
Provider & school settings

How we approach our work

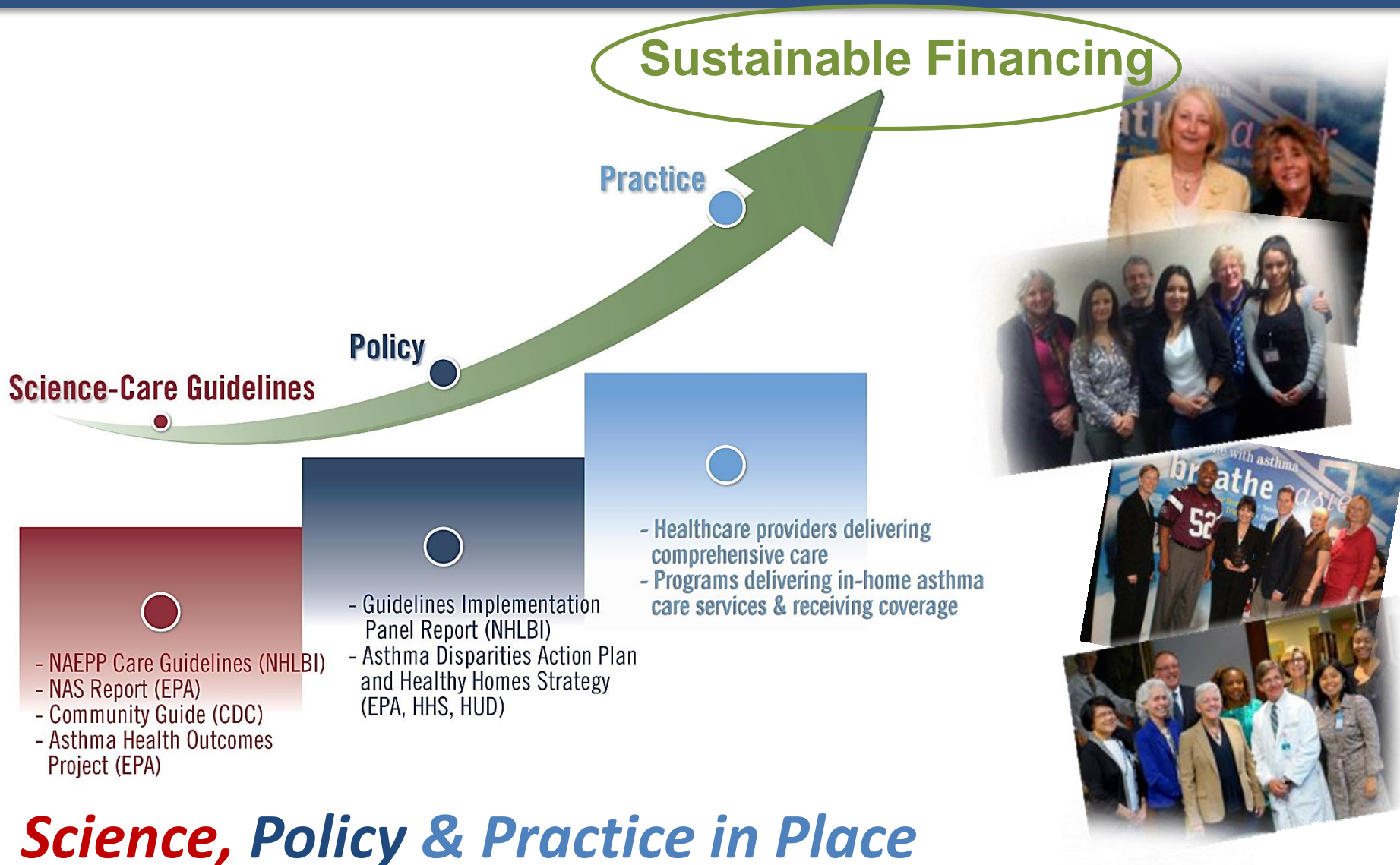


The screenshot shows the homepage of **ASTHMA COMMUNITY NETWORK.ORG**. At the top, there is a navigation bar with the tagline "Communities in Action" and links for "Share", "Learn", and "Connect". A user login section includes fields for "username" and "password", with links for "Not a member? Join Now" and "Forgot Your Password?". Below this, it displays "OUR NETWORK TODAY" with statistics: "Total Programs in Action: 719" and "Total Members in Action: 2344". A featured banner for "May is Asthma Awareness Month" includes a photo of a child blowing bubbles and a "Learn More!" button. The main content area features a "HOME" button and a "site search" field. A sidebar on the left contains a "SHARE" button and a list of navigation options: "Find a Program", "Request a Mentor", "Discussion Forum", "Blog", "Videos", "Podcasts", "Webinar Archives", "Events Calendar", and "Resource Bank". The main content area is divided into two columns. The left column highlights "Environmental Asthma Triggers" with sub-topics: "Home Visits", "Community Health Workers", "Reimbursement", "Partnerships", "Program Evaluation", and "Disparities". The right column promotes a "New Podcast Series! Asthma Community Network – Conversations for Advancing Action" with a "Listen Now" link. Below these are "NEW RESOURCES" listed by date: "5/2/13 Boston Smoke free-homes website", "5/2/13 Safe Cleaning for people with asthma-Somali", and "5/1/13 Safe cleaning for people with asthma-Mandarin". A "Welcome to Asthma CommunityNetwork.org!" message from Tracy Washington Enger is also visible.

Spotlight & Spread Best Practices

Equip and connect communities

Evolution of ORIA/IED Asthma Program

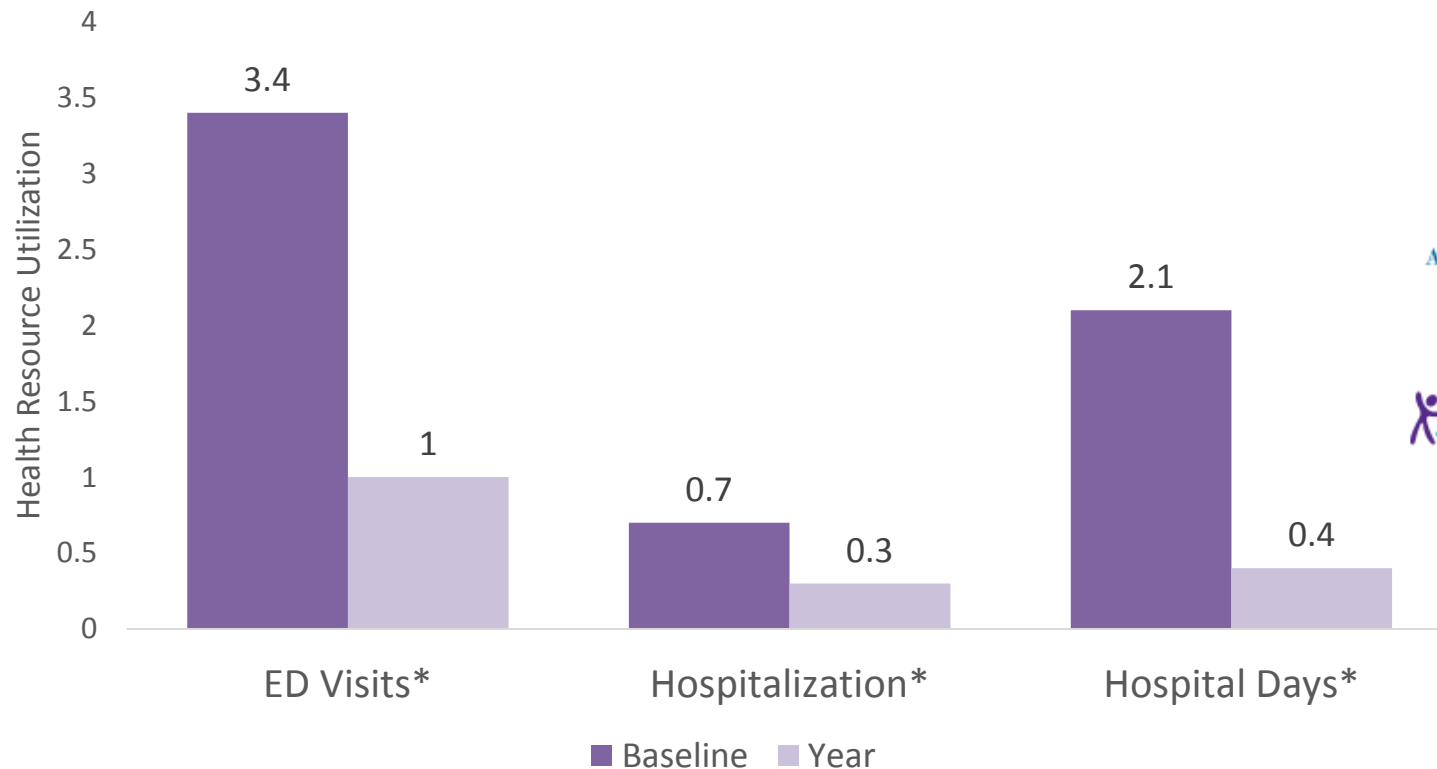


Asthma CarePartners Program Outcomes



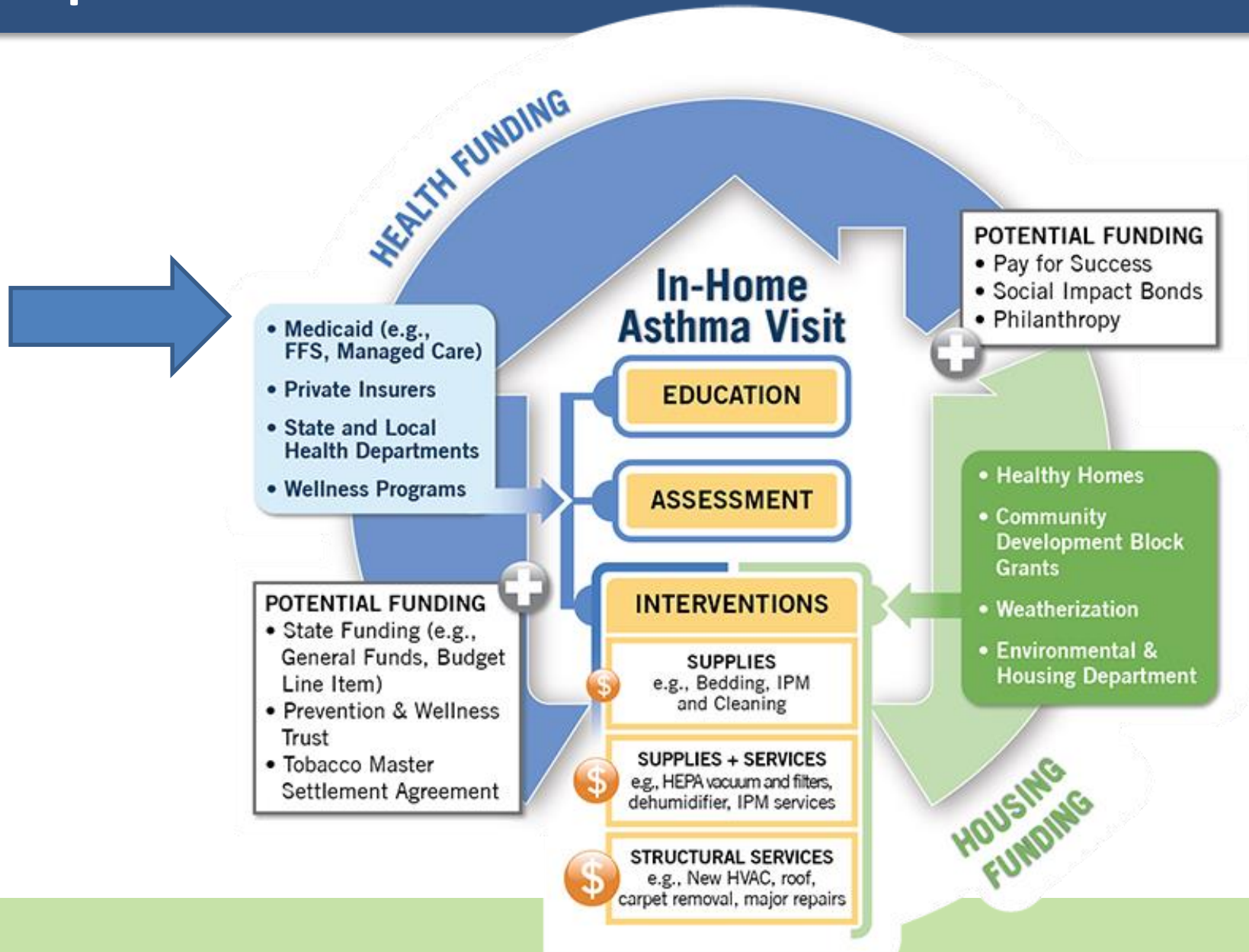
Results: Health Resource Utilization

Figure 1: Asthma-related Health Resource Utilization in the Year Prior to and During the Intervention (n=135)



*Statistically significant difference ($p < 0.05$) found using Wilcoxon signed-rank non-parametric test.

Understanding Sustainable Financing Options for In-Home Asthma Care



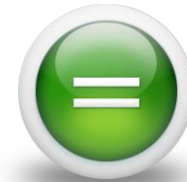
A Closer Look at Medicaid



- Federal-state financing partnership
- State designed and operated according to federal requirements (*State Plan*)
- Primarily managed care



- Increased focus on prevention, disease management and population health
- Expanding eligibility



- **Improve health outcomes**
- **Reduce costs**

Federal Asthma Disparities Action Plan

Strategy 1:

CDC, NHLBI

ACF, AHRQ, CMS,
CPSC, DOE, ED, EPA,
HRSA, HUD, NICHD,
NIEHS, NIMHD,
USDA

Strategy 3:

CDC, EPA

AHRQ, CPSC, HRSA,
NIH

Strategy 2:

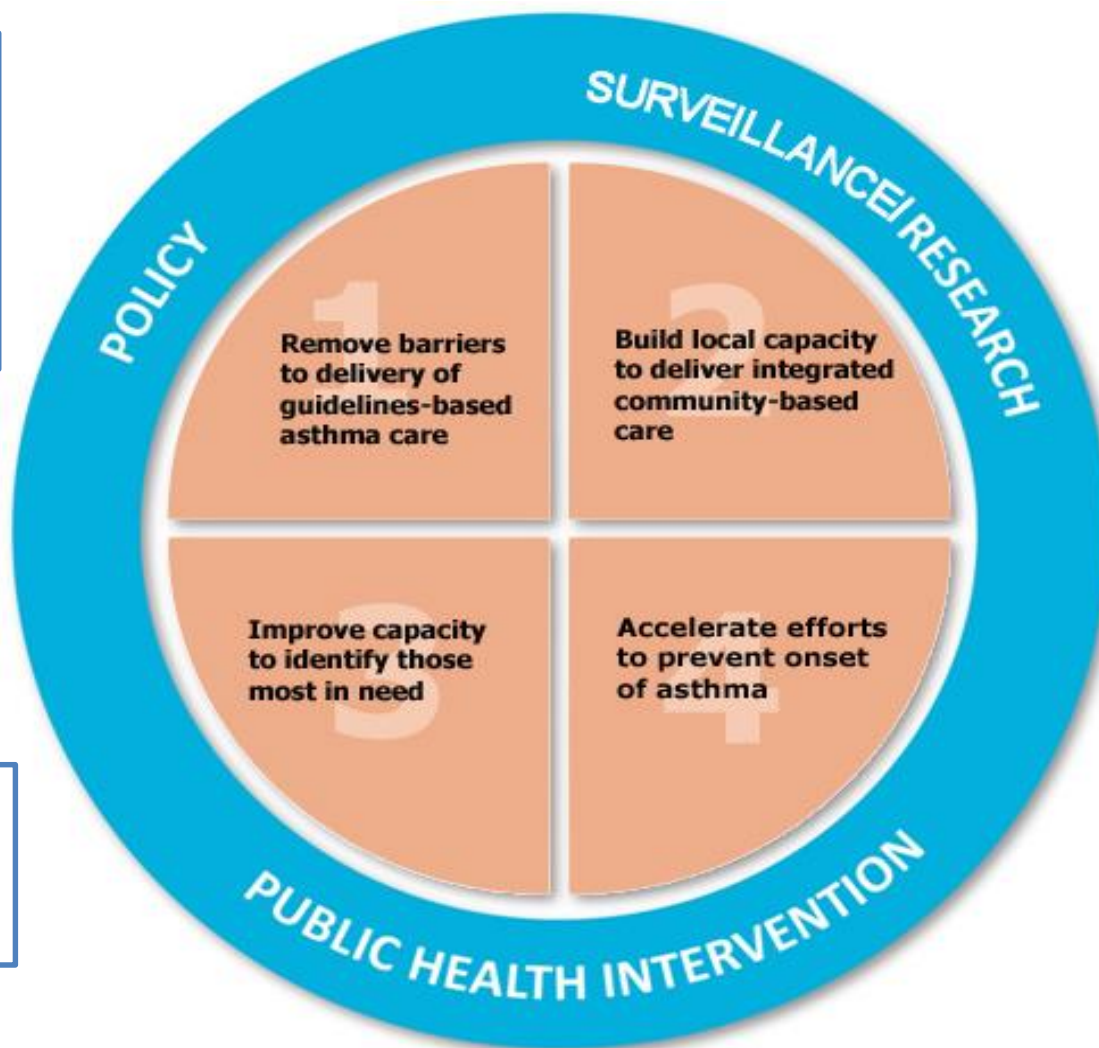
CDC, EPA, NHLBI

ACF, AHRQ, CMS,
CPSC, ED, DOE,
DOT, HRSA, HUD,
NIH

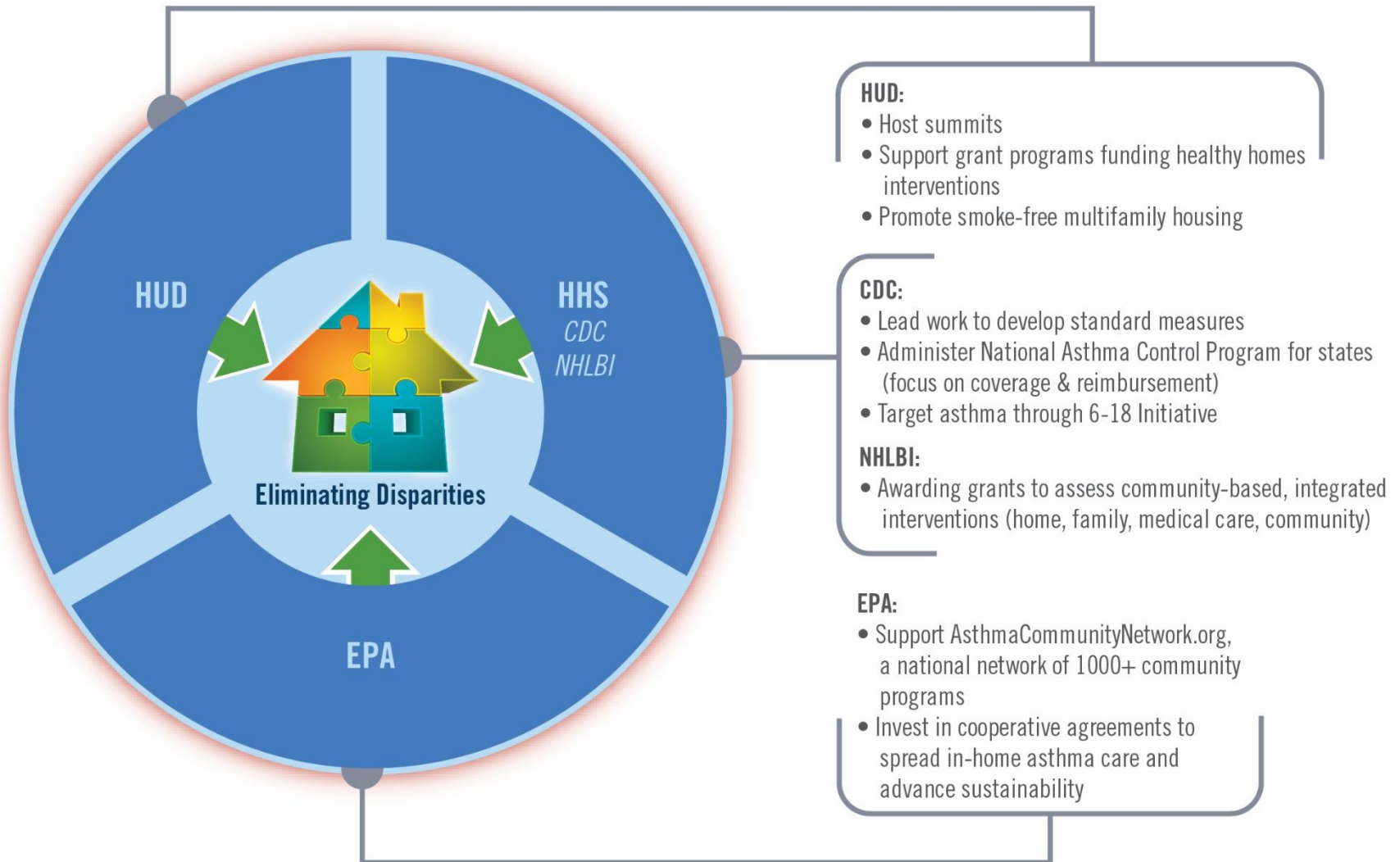
Strategy 4:

EPA, HUD, NIH

ACF, CDC, DOE,
HRSA



Federal Agencies Working to Expand Access to In-Home Asthma Care Services



New Investment Areas for EPA:

Spread In-Home Care & Advance Sustainability



| Activity | Key Player/Tools |
|--|--|
| <p>Provide technical assistance</p> <ul style="list-style-type: none"> • Design & delivery of in-home asthma care • Sustainable Financing | <p>AsthmaCommunityNetwork.org</p> <ul style="list-style-type: none"> • Webinars, Discussion Forums, podcasts, Medicaid & Community Health Worker Content |
| <p>Targeting States</p> | <p>National Center for Healthy Housing <i>Cooperative Agreement</i> http://www.nchh.org/Program/EquippingStatesforReimbursement</p> <ul style="list-style-type: none"> • Learning modules, mentorship, tools/resources |
| <p>Targeting Tribes</p> | <p>ALA Upper Midwest <i>Cooperative Agreement</i></p> <ul style="list-style-type: none"> • Trainings |
| <p>Targeting Schools</p> | <p>Public Health Institute/RAMP <i>Cooperative Agreement (www.rampasthma.org)</i></p> <ul style="list-style-type: none"> • Trainings, learning collaboratives |
| <p>Assess current health plan coverage practices and spread best practice approaches</p> | <p>America's Health Insurance Plans (AHIP) <i>Cooperative Agreement (www.ahip.org/asthma/)</i></p> <ul style="list-style-type: none"> • 2015 National Asthma Assessment • Webinars • 2016 Leadership Roundtable <p>EPA Award Winners (www.epa.gov/asthma)</p> |
| <p>Coordinate with Federal partners (Action Plan)</p> <ul style="list-style-type: none"> • Advance local sustainability conversations | <p>HUD Reimbursement Summits</p> |

It takes a village...



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www.asthmacommunitynetwork.org