HUD Healthy Homes
Improving Asthma Outcomes Through Home Interventions

Marty Nee
HUD Office of Healthy Homes and Lead Hazard Control
Healthy Homes and Asthma

- Housing
- Health
- Energy
Healthy Homes
Improving Asthma Outcomes

Coordinating Home Interventions

• Single Portal Access to Services
• Use of Standardized Assessment Tools
• Comprehensive Assessments
• Resident Education
• Coordinated Interventions
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In-Home Health Assessments

Who

- Community Health Workers
- Registered Nurses
- Environmental Health Specialist
- Respiratory Therapists
- Certified Asthma Educators
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In-Home Health Assessments/Services

What

• Home Environmental Assessments
• In-home resident education on asthma management, including trigger avoidance
• Equipment or Services that Reduce Asthma Triggers
• Coordination with appropriate agencies to conduct construction related remediation
Reducing Ethnic/Racial Disparity in Youth Study (MA DPH, Boston and Baystate Medical Centers)

Pediatric Asthma Home Visiting Intervention Preliminary Results – Health Outcomes Pre vs Post (N = 119)

Funded by HUD Healthy Homes Technical Studies and AARA R01 grants
NHP Asthma Population Achievements

- The lowest hospitalization rate since the Asthma program’s inception in 1999 1.9 %

- ER use in 2012 at lowest rate in the program’s history at 8.8%

- Controller /Reliever medication Ratio .72


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Why Now is the Time for Action

• ACA – changes to health care financing and reimbursement for services

• CMS – opportunities for funding non clinical services

• HUD – adoption of priority for home interventions that coordinate with health and energy; promotion of Asthma Summits

• DOE – adoption of guidance for weatherization programs to clarify health related allowable costs
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ACA – moving from fee for service to patient based outcomes

• Initiatives around home based asthma interventions – CMMI grants
• Aligning patient outcomes with funding
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Severity of Illness and Median Charges for Top 25 APR-DRGs, Alfred I. duPont Hospital for Children, 2010

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<th>APR-DRG</th>
<th>Minor #</th>
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Delaware Health and Social Services, Division of Public Health, Health Statistics Center
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Medicaid and Home Based Asthma Interventions

Recent CMS regulatory change

• How do previous Medicaid regulations limit access to community-based services?
• What does the new rule say?
• What impact will this change have on coverage?
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HUD Policy Priority Points
(Value of up to 4 points when competing for funds)

Priority 1 – Promoting Access to Health Care

Priority 4 – Promoting coordination of housing rehabilitation with health and energy
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Priority 1 – Promoting Access to Health Care

• Strategic objective to connect HUD assistance to health care programs and benefits in efforts to improve health and housing outcomes.
• Close relationship between health and housing stability with respect to vulnerable populations.
• HUD encourages grantees to undertake collaborations with public, private, nonprofit, and community- and faith-based organizations to increase access to health insurance and to improve housing and health outcomes.
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Priority 4 – Coordination of housing rehabilitation with health and energy

“Applicants are encouraged to coordinate the delivery of housing repair/rehabilitation with community, hospital or public health programs that utilize community health workers, Promotores(as), health educators or other similar positions that assesses the indoor quality of home environments for conditions that may impact resident health, for example, in the coordination of rehabilitation activities with programs that assess the home environments of asthmatic children for asthma triggers.”
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- Asthma Summits

Federal, State and local programs promoting to Health Care Providers and Payers (Medicaid, Managed Care Organizations, Private Insurers) the clinical and economic value of home assessments and intervention for asthma triggers.
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Anticipated Outcomes

• Promotion of the model and alignment with key national messages
• Examination and discussion of impediments to adoption of the home focused model
• Inter-program experience sharing and lessons learned
• Adoption by health care payers of the home focused model for pediatric asthma patients
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How can the health providers and public health agencies influence the targeting of housing funding?

- HUD – Healthy Homes/LHC funding
- HUD – CDBG/HOME funding
  - Consolidated Plans/Action Plans
- State and Local Resources
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Questions?