

HUD Master Models (2007)

Healthy Homes Demonstration Program

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Healthy Homes Demonstration Program

Purpose: To demonstrate better and more cost effective methodologies for reducing housing related environmental health and safety hazards in very low and low-income households with children under age of six.

Need Statement

Very low and low-income populations, especially households with children under the age of six, are at risk of housing related environmental health and safety hazards.

There is a need to develop, demonstrate, and promote cost effective preventive interventions to correct multiple safety and health hazards in the home.

There is a need to standardize the measurement of outcomes resulting from interventions and their impact on the health and safety of children under age six, especially children in very low and low-income households.

Activities and Outputs

Business opportunities - Other – Businesses	Businesses
Business opportunities - Other – Dollars	Dollars
Business opportunities - Section 3 – Businesses	Businesses
Business opportunities - Section 3 – Dollars	Dollars
Community participants meetings for input/feedback – Meeting	Meetings
Community participants meetings for input/feedback – Persons	Persons
Coordination with Weatherization Programs	Households
Education-community – Persons	Persons
Education-community – Sessions	Sessions
Education-household members	Persons
Education-medical establishment – Persons	Persons
Education-medical establishment – Sessions	Sessions
Employment opportunities-Other – Available jobs	Available jobs
Employment opportunities-Other – Persons	Persons
Employment opportunities-Section 3 – Available jobs	Available jobs
Employment opportunities-Section 3 – Persons	Persons
Households recruited	Households
Households recruited - children 6-17	Persons
Households recruited - children under age six	Persons
Housing assessment	Households
Mitigate asthma triggers-cockroaches-children 6-17	IPM Interventions
Mitigate asthma triggers-cockroaches-children under six	IPM Interventions
Mitigate asthma triggers-dust mite-children 6-17	IPM Interventions
Mitigate asthma triggers-dust mite-children under six	IPM Interventions
Mitigate asthma triggers-mold-children 6-17	Interventions
Mitigate asthma triggers-mold-children under six	Interventions
Mitigate asthma triggers-other-children 6-17	Interventions
Mitigate asthma triggers-other-under six	Interventions
Mitigate asthma triggers-rodents-children 6-17	IPM Interventions
Mitigate asthma triggers-rodents-children under six	IPM Interventions
Outreach materials disseminated-English	Materials
Outreach materials disseminated-LEP	LEP Materials
Outreach-distributing materials to targeted population	Persons
Partnerships with non-profits established	Partnerships
Referrals to medical establishment	Referrals
Resources leveraged-dollar value of labor & materials	Dollars
Resources leveraged-dollars	Dollars

Safety interventions-burn prevention-children 6-17	Interventions
Safety interventions-burn prevention-children under six	Interventions
Safety interventions-child proof locks-children under six	Interventions
Safety interventions-fall prevention-handrails-gates--children 6-17	Interventions
Safety interventions-fall prevention-handrails-gates-children under six	Interventions
Safety interventions-smoke/CO detectors-children 6-17	Interventions
Safety interventions-smoke/CO detectors-children under six	Interventions
Safety interventions-smoking cessation	Interventions
Safety interventions-window guards-children 6-17	Interventions
Safety interventions-window guards-children under six	Interventions
Temporary relocation for families	Families
Temporary relocation for individuals	Persons
Training Opportunities - Other	Persons
Training Opportunities-Section 3	Persons
Other	Other

Outcomes and Indicators

Business opportunities - Other – Businesses	Businesses
Business opportunities - Other – Dollars	Dollars
Business opportunities - Section 3 – Businesses	Businesses
Business opportunities - Section 3 – Dollars	Dollars
Employment opportunities - Other – Available jobs	Available jobs
Employment opportunities - Other – Persons	Persons
Employment opportunities - Section 3 – Available jobs	Available jobs
Employment opportunities - Section 3 – Persons	Persons
Hazard assessment methods implemented-reduced costs	Dollars
Hazard reduction protocols implemented-reduced costs	Dollars
Improvements in health measures-incidence/severity-asthma	Reduced asthma
Improvements in health measures-incidence/severity-blood lead level	Reduced levels
New/improved tool-resident understanding of housing health hazards	Tool
Reduction in blood lead levels	Children
Reduction in household smoking-quit smoking	Persons
Reduction in housing related health hazards-improved health	Households
Reduction in housing related health hazards-improved safety	Households
Reduction-incidence/severity-asthma – ER visits	ER visits
Reduction-incidence/severity-asthma – Hospitalization days	Hospitalization days
Reduction-incidence/severity-asthma – Other	Other
Reduction-incidence/severity-asthma exacerbation	Physician visits
Training Opportunities-Other	Persons
Training Opportunities-Section 3	Persons
Other	Other

Measurement Tools

A. Tools to Track Outputs and Outcomes
Bank accounts
Construction log
Database
Enforcement log
Financial aid log
Intake log
Interviews
Mgt. Info. System-automated
Mgt. Info. System-manual
Outcome scale(s)

Phone log
Plans
Pre-post tests
Post tests
Program specific form(s)
Questionnaire
Recruitment log
Survey
Technical assistance log
Time sheets
Other
B. Where Data are Maintained
Agency database
Centralized database
Individual case records
Local precinct
Public database
School
Specialized database
Tax Assessor database
Training center
Other
C. Source of Data
Audit report
Business licenses
Certificate of Occupancy
Code violation reports
Counseling reports
Employment records
Engineering reports
Environmental reports
Escrow accounts
Financial reports
GED certification/diploma
Health records
HMIS
Inspection results
Lease agreements
Legal documents
Loan monitoring reports
Mortgage documents
Payment vouchers
Permits issued
Placements
Progress reports
Referrals
Sale documents
Site reports
Statistics
Tax assessments
Testing results
Waiting lists
Work plan reports
Other
D. Frequency of Data Collection
Daily
Weekly

Monthly
Quarterly
Biannually
Annually
Upon incident
Other
E. Process of Collection and Reporting
Computer spreadsheets
Flat file database
Manual tallies
Relational database
Statistical database
Other

Evaluation Process – These are standard requirements that HUD will expect every program manager receiving a grant to do as part of their project management.

- An evaluation process will be part of the on-going management of the program.
- Comparisons will be made between projected and actual numbers for both outputs and outcomes.
- Deviations from projected outputs and outcomes will be documented and explained.
- Analysis of data to determine the relationship of outputs to outcomes; what outputs produce which outcomes.

HUD Will Use The Following Management Questions To Evaluate Your Program

1. How many persons are participating in the program?
2. How many persons under age six are participating in the program?
3. Did the project achieve its demonstration objectives?
4. If your program implemented new technologies for reducing housing related environmental health and safety hazards in very low and low-income households with children under age of six, identify the technology, and impact achieved.
5. Did your program identify more cost effective practices for reducing housing related environmental health and safety hazards in very low and low-income households with children under age of six?
6. What is the value of each of the cost effective practices implemented during this demonstration program?
7. What cost savings were realized as a result of conducting the demonstration?
8. If the approved project protocol changed as a result of field experience, explain any difference in the initial approved demonstration protocol resulting from actual project experience?
9. What activities, if any, significantly changed during project implementation?
10. What new practices would you incorporate into your program as a result of this demonstration project?
11. What is the likelihood that your project will result in improved field methods of intervention/remediation?
12. Has the community adopted Healthy Homes principles when undertaking rehabilitation or construction projects? If yes, please explain in narrative and indicate the number of units affected since implementation.

Carter-Richmond Methodology

The above Management Questions developed for your program are based on the Carter-Richmond Methodology¹. A description of the Carter-Richmond Methodology appears in the General Section of the NOFA.

¹© The Accountable Agency – How to Evaluate the Effectiveness of Public and Private Programs,” Reginald Carter, ISBN Number 9780978724924.