

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.