

HUD Master Models (2009 Recovery)

Healthy Homes Demonstration Program – HHD

The goal of this program is to demonstrate better and more cost effective methodologies for reducing housing related environmental health and safety hazards in the home, especially homes of very low and low-income households with children.

Need Statement

There is a need to develop, demonstrate, and promote cost effective preventive interventions to correct multiple safety and health hazards in the home, especially homes of very low and low-income households with children.

Activities and Outputs

Business opportunities-Other-Businesses	Businesses
Business opportunities-Other-Dollars	Dollars
Business Opportunities-Other-Green Businesses	Businesses
Business Opportunities-Other-Green Dollars	Dollars
Business opportunities-Section 3-Businesses	Businesses
Business opportunities-Section 3-Dollars	Dollars
Business Opportunities-Section 3-Green Businesses	Businesses
Business Opportunities-Section 3-Green 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-Green Jobs created	Jobs
Employment Opportunities-Other-Green Jobs retained	Jobs
Employment Opportunities-Other-Persons placed	Persons
Employment Opportunities-Section 3-Green Jobs created	Jobs
Employment Opportunities-Section 3-Green Jobs retained	Jobs
Employment Opportunities-Section 3-Persons placed	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

Policy Priority-Green Development-Housing rehabilitated incorporates green development measures	Units
Policy Priority-Housing rehabilitated-Design incorporates energy efficiency measures that meet Energy Star standards	Units
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-Green -Other-Persons	Persons
Training Opportunities-Green Other-Sessions	Sessions
Training Opportunities-Green Section 3-Persons	Persons
Training Opportunities-Green Section 3-Sessions	Sessions
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-Jobs created	Jobs
Employment opportunities-Other-Jobs retained	Jobs
Employment opportunities-Other-Persons retained current employment	Persons
Employment opportunities-Section 3-Jobs created	Jobs
Employment opportunities-Section 3-Jobs retained	Jobs
Employment opportunities-Section 3-Persons employed	Persons
Employment opportunities-Section 3-Persons retained current employment	Persons
Hazard assessment methods implemented-Reduced costs	Dollars
Hazard reduction protocols implemented-Reduced costs	Dollars
Housing rehabilitated-Units incorporates energy efficiency measures that meet Energy Star standards from Weatherization program	Units
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
Policy Priority-Housing rehabilitated-Unit incorporates energy efficiency measures that meet Energy Star standards	Units
Policy Priority-Green Development-Housing rehabilitated incorporates green development measures	Units
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 exacerbation	Physician visits
Reduction-Incidence/severity-asthma-Emergency Room visits	ER visits
Reduction-incidence/severity-asthma-Hospitalization days	Hospitalization days
Reduction-incidence/severity-asthma-Other	Other
Training Opportunities-Other	Persons
Training Opportunities-Section 3	Persons
Employment Opportunities-Section 3-Green Jobs created	Jobs
Employment Opportunities-Section 3-Green Jobs retained	Jobs
Employment Opportunities-Other-Green Jobs created	Jobs
Employment Opportunities-Other-Green Jobs retained	Jobs
Business Opportunities-Other-Green Businesses	Businesses
Business Opportunities-Other-Green Dollars	Dollars
Business Opportunities-Section 3-Green Businesses	Businesses
Business Opportunities-Section 3-Green Dollars	Dollars
Training Opportunities-Green -Other-Persons	Persons
Training Opportunities-Green Other-Sessions	Sessions
Training Opportunities-Green Section 3-Persons	Persons
Training Opportunities-Green Section 3-Sessions	Sessions
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
B. Where Data are Maintained
Agency database
Centralized database
Individual case records
Local precinct
Public database
School
Specialized database
Tax Assessor database
Training center
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
D. Frequency of Data Collection
Daily
Weekly
Monthly
Quarterly
Biannually
Annually
Upon incident
E. Process of Collection and Reporting
Computer spreadsheets
Flat file database
Manual tallies
Relational database
Statistical database

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 on space provided on the "Reporting" Tab.
- Analyze data to determine relationship of outputs to outcomes; what outputs produce which outcomes.

The reporting requirements are specified in the program specific NOFA and your funding award.

HUD Will Use The Following Management Questions To Evaluate Your Program

1. How many households are you serving (unduplicated count)?
2. How many new full-time permanent jobs were created to perform work under this grant?
3. How many new full-time permanent jobs were created to perform work under this grant and were fulfilled with persons eligible under Section 3?
4. How many existing full-time permanent jobs performing work under this grant were retained?
5. How many existing full-time permanent jobs performing work under this grant were retained by persons eligible under Section 3?
6. How many new green full-time permanent jobs were created to perform lead hazard evaluation or control work and were fulfilled with persons eligible under Section 3?
7. How many new green full-time permanent jobs were created to perform lead hazard evaluation or control work?
8. How many existing green full-time permanent jobs performing lead hazard evaluation or control work were retained by persons eligible under Section 3?
9. How many existing green full-time permanent jobs performing lead hazard evaluation or control work were retained?
10. What is the average income of persons eligible under Section 3 that were newly hired to perform work under this grant?
11. How many new technologies for reducing housing related environmental health and safety hazards for very low and low-income households with children were implemented?
12. What was the average cost of implementing new technologies for reducing housing related environmental health and safety hazards for very low and low-income households with children?
13. How many more cost effective practices for reducing housing related environmental health and safety hazards for very low and low-income households with children were implemented?
14. What was the total cost of implementing more cost effective practices for reducing housing related environmental health and safety hazards for very low and low-income households with children?
15. What cost savings were realized as a result of conducting the demonstration?
16. How many approved project protocols changed as a result of field experience?
17. How many new practices will be incorporated into your program as a result of this demonstration project?
18. How many units were rehabilitated with Energy Star?
19. What is the cost to rehabilitate a unit with Energy Star?
20. How many units were rehabilitated using Weatherization programs only?
21. Of those units, how many met Energy Star standards?
22. How many Healthy Homes principles were adopted by the community when undertaking rehabilitation or construction projects?
23. Please describe the population you are serving?

If you are collecting client level data, identify the number of persons receiving services:

24. How many persons receiving services are under the age of 6?
25. How many persons receiving services are ages 6-17?
26. How many persons receiving services are ages 18-30?
27. How many persons receiving services are ages 31-50?
28. How many persons receiving services are ages 51-61?
29. How many persons receiving services are 62 and over?

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.