

HUD Master Models (2007) *HH & Lead Technical Studies Programs*

HH-LTS

Healthy Homes and Lead Technical Studies Programs

To improve the efficacy and cost-effectiveness of methods for the evaluation and/or control of housing related health hazards.

Need Statement

There is a need for more efficient, effective and less costly methods to evaluate (test for, identify) and control (mitigate) housing related health hazards.

Activities and Outputs

Development of alternative or improved clearance methods – Lead	Methods
Participants recruited	Participants
Housing interventions completed	Units
Samples collected	Samples
Staff trained	Staff trained
Samples analyzed	Samples analyzed
Outreach and education – Sessions	Sessions
Outreach and education – Participants	Participants
Community participants meetings for input/feedback – Meetings	Meetings
Community participants meetings for input/feedback – Participants	Participants
Housing inspection	Inspections
Housing assessment	Assessments
Presentation at professional meeting prepared	Presentation
Scientific manuscript submitted to HUD	Manuscript
Other	Other

Outcomes and Indicators

Data analysis completed	Completed
Final project report	Accepted
Enhanced utilization-housing-time occupied-continued occupancy	Months
Hazard assessment method developed-reduced cost	Dollars
Hazard assessment method developed-reduced re-occupancy time	Hours
Hazard assessment method developed-reduced time	Hours
Hazard assessment method developed-other	Other
Hazard intervention protocols developed-reduced cost	Dollars
Hazard intervention protocols developed-reduced re-occupancy time	Hours
Hazard intervention protocols developed-reduced time	Hours
Hazard intervention protocols developed-other	Other
Reduction-incidence/severity-asthma – Symptom days	Symptom days
Reduction-incidence/severity-asthma – ER visits	ER visits
Reduction-incidence/severity-asthma exacerbation	Physician visits
Reduction-incidence/severity-asthma – Hospitalization days	Hospitalization days

Reduction-incidence/severity-asthma – Sick days	Sick days
Reduction-incidence/severity-asthma – Other	Other
Reduction-incidence/severity-blood lead level – % > 10µg/dL	% > 10µg/dL
Reduction-incidence/severity-blood lead level – Avg. blood-Pb(µg/dL)	Avg. blood-Pb(µg/dL)
Reduction-incidence/severity-blood lead level -% change	Avg. blood-Pb
Reduction incidence/severity blood lead levels	Other
New/Improved technologies developed-reduced time	Reduced hours
New/Improved technologies -precision/accuracy-% change in coefficient of variation	% change
New technologies developed	Technology
New/improved technologies developed-reduced cost	Dollars
New/Improved assessment tool-housing health hazards	Tools
Submitted manuscript(s) for publication	Manuscript Submitted
Submitted manuscript(s) published	Manuscript Published
Submitted manuscript(s) accepted by HUD	Manuscript Accepted
Reduction in housing related health hazards-improved health	Persons
Reduction in housing related health hazards-reduced Pb-change above EPA standard-floor dust	% above standard
Reduction in housing related health hazards-reduced Pb-change above EPA standard-sill dust	% above standard
Reduction in housing related health hazards-reduced Pb-change above EPA standard-average soil	% above standard
Reduction in housing related health hazards-reduced Pb-change above EPA standard-other	% above standard
Reduction in housing related health hazards-reduced allergens-mice – FI	Avg. FI. Loading
Reduction in housing related health hazards-reduced allergens-mice – Con	Avg. Concentration
Reduction in housing related health hazards-reduced allergens-mice – Other	Avg. Other
Reduction in housing related health hazards-reduced allergens-rat – FI	Avg. FI. Loading
Reduction in housing related health hazards-reduced allergens-rat – Con	Avg. Concentration
Reduction in housing related health hazards-reduced allergens-rat – Other	Avg. Other
Reduction in housing related health hazards-reduced allergens-cockroach – FI	Avg. FI. Loading
Reduction in housing related health hazards-reduced allergens-cockroach – Con	Avg. Concentration
Reduction in housing related health hazards-reduced allergens-cockroach – Other	Avg. Other
Reduction in housing related health hazards-reduced allergens-dust mite – FI	Avg. FI. Loading
Reduction in housing related health hazards-reduced allergens-dust mite – Con	Avg. Concentration
Reduction in housing related health hazards-reduced allergens-dust mite – Other	Avg. Other
Reduction in housing related health hazards-reduced allergens-mold – FI	Avg. FI. Loading
Reduction in housing related health hazards-reduced allergens-mold – Con	Avg. Concentration
Reduction in housing related health hazards-reduced allergens-mold – CFU/M ³	Avg. CFU/M ³
Reduction in housing related health hazards-reduced allergens-mold – Other	Avg. Other
Reduction in housing related health hazards-reduced allergens-other – FI	Avg. FI. Loading
Reduction in housing related health hazards-reduced allergens-other – Con	Avg. Concentration
Reduction in housing related health hazards-reduced allergens-other – Other	Avg. Other
Reduction in housing related health hazards-improved safety	Avg. Hazard Score
Other	Other

Measurement Tools

A. Tools for Measurement
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 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
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 Collection
Daily
Weekly
Monthly
Quarterly
Biannually
Annually
Upon incident
Other
E. Processing of Data
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 Questions To Evaluate Your Program

1. Were the approved study activities followed?
2. Did the project achieve its study objectives?
3. Were there any activities that significantly changed during project implementation and why?
4. What are the key findings reported in your manuscript to be submitted for publication?

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.