

## HUD Master Models (Recovery)

### Lead-Based Paint Hazard Control

The goal of this program is to develop and deliver comprehensive programs to identify and control lead-based paint hazards in eligible privately owned housing.

### Need Statement

There is a need to control residential lead-based paint hazards that threaten the long-term health of children less than six years of age in privately-owned single and multifamily housing.

### 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
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
Health-Lead screening-Blood lead levels	Children
Health-Referrals to medical follow-up	Children
Housing-Clearance	Units cleared
Housing-Historic preservation	Units
Housing-Housing enrollment	Units
Housing-Intake	Units
Housing-Lead hazard costs	Average \$\$/unit
Housing-Resources leveraged	\$\$/materials, labor, etc.
Housing-Risk assessment/LBP Inspection	Units
Outreach-Community outreach to targeted population-Events	Events
Outreach-Community outreach to targeted population-Persons	Persons
Outreach-Outreach materials disseminated-LEP	LEP Materials
Outreach-Outreach materials disseminate-English	Materials
Policy Priority-Energy Star-Housing rehabilitated design incorporates energy efficiency measures that meet Energy Star standards	Units
Policy Priority-Green Development-Housing rehabilitated incorporates green development measures	Units
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	Persons
Training Opportunities-Other-Sessions	Sessions
Training Opportunities-Section 3-Persons	Persons
Training Opportunities-Section 3-Sessions	Sessions
Training-Workers trained or certified in lead safety	Persons
Other	Other

## **Outcomes and Indicators**

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
Employment Opportunities-Other-Green Jobs created	Jobs
Employment Opportunities-Other-Green Jobs retained	Jobs
Employment Opportunities-Other-Jobs created	Jobs
Employment Opportunities-Other-Jobs retained	Jobs
Employment Opportunities-Other-Persons retained current employment	Persons
Employment Opportunities-Section 3-Green Jobs created	Jobs
Employment Opportunities-Section 3-Green Jobs retained	Jobs
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
Health-Decreased blood lead levels	Children
Housing-Increased lead safe affordable housing	Units
Housing-Leveraged funds to awarded funds	Percent
Housing-Program waiting lists	Units
Housing-Sustainable community lead control programs	Programs
Policy Priority-Energy Star-Housing rehabilitated incorporates energy efficiency measures that meet Energy Star standards	Units
Policy Priority-Green Development-Housing rehabilitated meets recognized green rating program standards	Units
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
Training-Increase in workers trained or certified in lead safety	Persons
Other	Other

## **Measurement Tools**

<b>A. Tools to Track Outputs and Outcomes</b>
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>B. Where Data are Maintained</b>
Agency database
Centralized database
Individual case records
Local precinct
Public database
School
Specialized database
Tax Assessor database
Training center
<b>C. Source of Data</b>
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
<b>D. Frequency of Data Collection</b>
Daily
Weekly
Monthly
Quarterly
Biannually
Annually
Upon incident
<b>E. Process of Collection and Reporting</b>
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 persons are you serving (unduplicated count)?
2. How many persons were reached through outreach efforts?
3. How many children were screened (unduplicated count)?
4. How many children were identified with elevated blood lead levels?
5. How many children with elevated blood lead levels were referred for medical follow-up?
6. How many children experienced a decrease in their blood lead levels?
7. How many housing units were inspected and risk-assessed?
8. How many housing units were identified with lead-based paint hazards?
9. How many housing units were made safe of lead-based paint hazards?
10. What is the average cost of making units safe of lead-based paint hazards?
11. What are the total costs of making the units lead safe?
12. How many homes made lead safe were in historic preservation districts?
13. How many additional dollars from other sources were leveraged to support your lead program?
14. What percentage of leveraged funds to all funds was used for your lead program?
15. What is the dollar value of any in-kind or donated labor or materials that were contributed to support your lead control programs?
16. How many persons were trained to perform lead hazard evaluation or control work?
17. How many persons were trained or certified to perform lead hazard evaluation or control work?
18. How many new full-time permanent jobs were created to perform lead hazard evaluation or control work?
19. How many new green full-time permanent jobs were created to perform lead hazard evaluation or control work?
20. How many new full-time permanent jobs were created to perform lead hazard evaluation or control work and were fulfilled with persons eligible under Section 3?
21. 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?
22. How many existing full-time permanent jobs performing lead hazard evaluation or control work were retained?
23. How many existing green full-time permanent jobs performing lead hazard evaluation or control work were retained?
24. How many existing full-time permanent jobs performing lead hazard evaluation or control work were retained by persons eligible under Section 3?
25. How many existing green full-time permanent jobs performing lead hazard evaluation or control work were retained by persons eligible under Section 3?
26. What is the average income of a person employed to perform lead hazard evaluation or control work?
27. What is the average income of persons eligible under Section 3 that were newly hired to perform lead hazard evaluation or control work?
28. How many Section 3 persons were trained or certified to perform lead hazard evaluation or control work?
29. At the beginning of the grant period, what was the total number of jobs available?
30. At the beginning of the grant period, what was the total number of persons employed?
31. Describe the population you are serving in the space below:

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

32. How many persons receiving services are under the age of 6?
33. How many persons receiving services are ages 6-17?
34. How many persons receiving services are ages 18-30?
35. How many persons receiving services are ages 31-50?
36. How many persons receiving services are ages 51-61?
37. How many persons receiving services are over 62 years of age?

### **Carter-Richmond Methodology**

The above Management Questions developed for your program are based on the Carter-Richmond Methodology<sup>1</sup>. 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.