

OFFICE OF HEALTHY HOMES AND LEAD HAZARD CONTROL



OHHLHC Grant Programs Performance Report 2nd Quarter FY2004

March 2004

Quarterly Grant Programs Performance Report March/Second Quarter FY 2004

Summary

We are pleased to transmit to you the Grant Programs Performance Report for the 2nd quarter of fiscal year 2004. This report details accomplishments toward achieving the Office of Healthy Homes and Lead Hazard Control's (OHHLHC) key performance goals. This information has been compiled from grantee quarterly and final reports, as well as Government Technical Representative (GTR) monitoring activities. The report includes activities occurring through March 31, 2004.

Over a year ago we began issuing these reports as a way to begin refocusing our efforts and attention toward achieving results by sharing performance highlights as well as performance concerns. Issuance of these reports came on the heels of establishing benchmark performance standards as a method of establishing performance targets and then gauging performance over time. These reports are just one of the many activities now taking place to help ensure our collective success. In addition to providing on-site technical assistance, we are conducting targeted on-site compliance monitoring visits of our weaker grantees. Three-person teams now administer all grants (the Grant Officer, Government Technical Representative, and field Government Technical Monitors). We're identifying common performance issues and developing standard tools, such as those developed during the Primary Prevention Strategies – Partnership Workshop, held with successful OHHLHC grantees and sub-grantees to help us identify tools, resources, and strategies to improve grants management by all grantees, but in particular new grantees. The results of this workshop will be used to develop our soon- to-be released Program Guide. And most recently we held the first of our quarterly conference calls during which we focused on key challenges faced by our grantees, identified through analyses of Quarterly Report Assessments prepared by our GTRs. We will soon expand upon those conference calls to include regional and/or program- specific calls. We hope the message is clear, that we understand your performance challenges and we're doing our best to serve you. Failure is not an option...the year 2010 is just around the corner.

Our efforts are paying off as performance continues to improve. At the end of last fiscal year, just sixty-three percent (63%) of grantees were performing well. Six months into this fiscal year, and another 81 grantees added to the portfolio, slightly more than seventy-five percent (75%) of grantees are performing well.

	Green	Yellow	Red	Total
No. of Grants	159	35	17	211
% of Portfolio	75.36%	16.59%	8.06%	

These performance statistics translate into program successes that include: 57,783 housing units made lead safe; \$39.4 million awarded for Healthy Homes Demonstration and Technical Studies to 52 grantees in 21 states resulting in 5,133 housing units assessed for housing-

related health and safety hazards, 1,962 interventions completed to correct health hazards identified, 7,926 owner-occupants, property owners, remodelers, contractors, enforcement officials, grantees and partner staff trained in healthy homes related issues and, 524,424 individuals educated about healthy homes issues. Congratulations on a job well done. We're looking forward to a successful completion to this fiscal year.

Overall Grantee Performance & Trends

Each year our Government Technical Representatives (GTRs) conduct risk assessments for each of their assigned grants. The annual risk analysis is then used to establish priorities for monitoring and to ensure that the grantees with the highest risk are monitored with available resources. The results of this year's risk analysis showed that sixty- three (63%) percent of our grantees are performing well. Our goal is to have a minimum of eighty (80%) percent of our grantees performing well by the end of this fiscal year. We hope to achieve this goal through comprehensive and proactive technical assistance, targeted compliance monitoring, and expanded oversight by our GTRs.

The following summary shows that, as of March 31, 2004, slightly more than seventy- five (75%) percent of our grantees are performing well. That is, GTRs rated these grantees "green" on 2nd quarter performance assessments.

	Green	Yellow	Red	Total
No. of Grants	159	35	17	211
% of Portfolio	75.36%	16.59%	8.06%	

Performance color ratings for each grantee are shown below.

Grantees	State	Assessment 5-15-2004	NOFA Fiscal Year	GTR	GTR As Of 5/15/04
Mahoning County	OH		03	chammond	ydomneys
Montana State University Extension Service	MT		02	ddarrow	adaly
Northeast Denver Housing Center	CO		00	ddarrow	ddarrow
University of Tulsa	OK		01	ddarrow	jmiller
Advanced Energy Corporation	NC		02	ewilliams	rslaten
Duke University	NC		01	ewilliams	adaly
University of Alabama at Birmingham	AL		01	ewilliams	jmiller
New Haven	CT		00	ehornbuckle	ehornbuckle
Stamford	CT		00	ehornbuckle	ehornbuckle
Hartford	CT		00	ehornbuckle	ehornbuckle
New London	CT		01	ehornbuckle	ehornbuckle
Manchester	CT		99	ehornbuckle	ehornbuckle
Connecticut LHC	CT		03	ehornbuckle	ehornbuckle
Cleveland DEMO	OH		03	ehornbuckle	ydomneys
Boston DEMO	MA		03	ehornbuckle	ehornbuckle
Connecticut DEMO	CT		03	ehornbuckle	ehornbuckle
New York City DEMO	NY		03	ehornbuckle	zmorales

Grantees	State	Assessment 5-15-2004	NOFA Fiscal Year	GTR	GTR As Of 5/15/04
Alliance LEAP 1	DC		02	ehornbuckle	ehornbuckle
Alliance LEAP 2	DC		03	ehornbuckle	jhawkins
Access Agency LEAP 1	CT		02	ehornbuckle	ehornbuckle
East Hartford	CT		03	ehornbuckle	ehornbuckle
The Medical Foundation/NE Asthma Regional Council	MA		03	epinzer	gpinzer
New York Environmental Quality Center, Inc.	NY		03	epinzer	zmorales
University of Illinois -- Urbana Champaign	IL		03	epinzer	gpinzer
Georgia Tech Applied Research Corporation	GA		03	epinzer	jmiller
Research Triangle Institute	NC		02	epinzer	gpinzer
University of Illinois	IL		03	epinzer	gpinzer
University of Cincinnati	OH		03	epinzer	ydomneys
Research Triangle Institute	NC		03	epinzer	rslaten
Tulane University	LA		03	dbanks/ashley	jmiller
University of Minnesota	MN		03	dbanks/ashley	ejohnson
Cuyahoga County Board of Health	OH		03	dbanks/ashley	ydomneys
Boston	MA		00	jbaker	jbaker
Vermont	VT		01	jbaker	zmorales
Albany	NY		01	jbaker	zmorales
Greensboro	NC		01	jbaker	rslaten
Allegheny County	PA		02	jbaker	ydomneys
Lynchburg	VA		02	jbaker	jhawkins
Austin	TX		02	jbaker	jmiller
Salt Lake County	UT		02	jbaker	rslaten
National Safety Council	DC		02	jbaker	jhawkins
Cleveland	OH		00	jhawkins	ydomneys
Somerville	MA		00	jhawkins	jhawkins
Milwaukee	WI		00	jhawkins	ejohnson
Chicago	IL		99	jhawkins	gpinzer
Wisconsin	WI		99	jhawkins	ejohnson
Weschester County	NY		03	jhawkins	zmorales
City of New Orleans	LA		03	jhawkins	jmiller
City of Sheboygan	WI		03	jhawkins	ejohnson
State of Maryland	MD		03	jhawkins	jhawkins
Woonsocket	RI		03	jhawkins	jhawkins
City of Rochester	NY		03	jhawkins	zmorales
City of Warwick	RI		03	jhawkins	jhawkins
Acorn	LA		03	jhawkins	jmiller
Weschester County	NY		03	jhawkins	zmorales
National Center for Lead Safe Housing	MD		02	jhawkins	jhawkins
Long Beach	CA		01	kchoi	kchoi
Alameda County	CA		02	kchoi	adaly
Phoenix	AZ		02	kchoi	rslaten
San Diego County	CA		99	kchoi	rslaten
Alameda County	CA		01	kchoi	adaly
Child Abuse Prevention Council	CA		00	kchoi	kchoi

Grantees	State	Assessment 5-15-2004	NOFA Fiscal Year	GTR	GTR As Of 5/15/04
City of Phoenix	AZ		02	kchoi	rslaten
Esperanza Community Housing	AZ		00	kchoi	kchoi
City of Stamford	CT		01	mnee	ehornbuckle
University of Massachusetts Lowell Research Foundation	MA		02	mnee	gpinzer
Mount Sinai School of Medicine	NY		02	mnee	zmorales
Urban Homesteading Assistance Board (UHAB)	NY		02	mnee	zmorales
Energy Programs Consortium	DC		02	mnee	jhawkins
The Opportunity Council	WA		00	pashley	pashley
Radiation Monitoring Devices	MA		01	pashley	gpinzer
University of Cincinnati	OH		01	pashley	ydomneys
University of Medicine and Dentistry of New Jersey	NJ		02	pashley	ydomneys
University of Wisconsin-Madison	WI		00	pashley	pashley
Harvard School of Public Health	MA		00	pashley	pashley
Illinois Department of Public Health	IL		99	pashley	pashley
St. Louis University, School of Public Health	MO		02	pashley	ydomneys
National Academy of Science	DC		02	pashley	jhawkins
Xavier University (HBCU)	LA		03	pashley	jmiller
Howard University (HBCU)	DC		03	pashley	jhawkins
City of Philadelphia	PA		02	pdiegelman	ydomneys
Coalition to End Childhood Lead Poisoning	MD		02	pdiegelman	jhawkins
Healthy Homes Network	KS		02	pdiegelman	rslaten
Kankakee	IL		00	rnelson	gpinzer
Springfield	MA		01	rnelson	ehornbuckle
Portland	ME		01	rnelson	ehornbuckle
Cedar Rapids	IA		01	rnelson	gpinzer
Auburn	ME		01	rnelson	zmorales
Manchester	NH		02	rnelson	ehornbuckle
Maine	ME		02	rnelson	zmorales
Massachusetts	MA		02	rnelson	gpinzer
Illinois	IL		99	rnelson	gpinzer
Lowell	MA		99	rnelson	gpinzer
Cambridge	MA		99	rnelson	gpinzer
Michigan	MI		00	rslaten	ejohnson
Birmingham	AL		00	rslaten	jmiller
Springfield	OH		01	rslaten	rslaten
Charlotte	NC		01	rslaten	rslaten
Cuyahoga County	OH		01	rslaten	rslaten
Akron	OH		02	rslaten	rslaten
Columbus	OH		02	rslaten	rslaten
Kansas City	MO		02	rslaten	gpinzer
Marshalltown City	IA		02	rslaten	gpinzer
City of Grand Rapids	MI		03	rslaten	ejohnson
Cochise County	AZ		03	rslaten	zmorales
City of Grand Rapids - Demo	MI		03	rslaten	ejohnson
Cmty Action Partnership - LEAP	CA		03	rslaten	adaly
City of Toledo	OH		03	rslaten	rslaten

Grantees	State	Assessment 5-15-2004	NOFA Fiscal Year	GTR	GTR As Of 5/15/04
State of Kansas	KS		03	rslaten	rslaten
City of Charlotte	NC		03	wfriedman	rslaten
City of Los Angeles	CA		03	wfriedman	rslaten
City of San Diego	CA		03	wfriedman	rslaten
City of NY	NY		03	wfriedman	zmorales
City of Minneapolis	MN		03	wfriedman	ejohnson
Madison County	IL		01	ydomneys	gpinzer
St. Louis	MO		01	ydomneys	ydomneys
Onondaga County	NY		01	ydomneys	zmorales
Chautauqua County	NY		02	ydomneys	zmorales
St. Clair County	IL		02	ydomneys	gpinzer
St. Louis County	MO		02	ydomneys	ydomneys
Mahoning County	OH		99	ydomneys	ydomneys
Syracuse	NY		99	ydomneys	zmorales
City of Harrisburg	PA		03	ydomneys	ydomneys
State of Pennsylvania	PA		03	ydomneys	ydomneys
City of Burlington	VT		03	ydomneys	zmorales
City of Erie	PA		03	ydomneys	ydomneys
City of El Paso	TX		03	ydomneys	zmorales
National Coalition for Lead Safe Kids	MD		03	ydomneys	jhawkins
City of St. Louis	MO		03	ydomneys	ydomneys
City of Syracuse	NY		03	ydomneys	zmorales
State of Minnesota	MN		03	zmorales	ejohnson
City of Waterloo	IA		03	zmorales	gpinzer
Shelby County	TN		03	zmorales	jmiller
City of Dubuque	IA		03	zmorales	gpinzer
New Jersey	NJ		03	zmorales	ydomneys
Hennepin County	MN		03	zmorales	ejohnson
District of Columbia	DC		03	zmorales	jhawkins
City of Jacksonville	FL		03	zmorales	jmiller
City of Los Angeles	CA		03	zmorales	rslaten
Mahoning County	OH		03	zmorales	ydomneys
City of Philadelphia	PA		03	zmorales	ydomneys
City of Baltimore	MD		03	zmorales	jhawkins
City of Memphis	TN		03	zmorales	jmiller
City of Chicago	IL		03	zmorales	gpinzer
City of Rochester	NY		03	zmorales	zmorales
City of Milwaukee	WI		03	zmorales	ejohnson
City and County of San Francisco	CA		03	zmorales	adaly
District of Columbia	DC		03	zmorales	jhawkins
Hennepin County	MN		03	zmorales	ejohnson
San Bernadino County	CA		03	zmorales	adaly
Middle Tennessee State University	TN		03	zmorales	jmiller
Environmental Education Associates, Inc/ ENABLE	NY		03	zmorales	zmorales
San Diego Housing Commission	CA		02	kchoi	rslaten
County of Erie, Dept. of Health	NY		03	dbanks/dieg elman	zmorales
University of Cincinnati	OH		02	pashley	pashley

Grantees	State	Assessment 5-15-2004	NOFA Fiscal Year	GTR	GTR As Of 5/15/04
St. Paul-Ramsey County	MN		00	rnelson	ejohnson
Portland	OR		01	rslaten	rslaten
National Center for Healthy Housing, Inc.	MD		02	rslaten	jhawkins
University of Cincinnati	OH		02	rslaten	ydomneys
Alaska Housing Finance Corporation	AK		01	ddarrow	adaly
City of Milwaukee	WI		02	ddarrow	ejohnson
Columbia University	NY		01	ewilliams	ewilliams
New York City	NY		00	ehornbuckle	zmorales
Pan Handle Health District	ID		03	epinzer	adaly
Charleston	SC		00	jbaker	jbaker
Richmond	VA		01	jbaker	jbaker
Virginia Department of Housing and Community Development	VA		02	jbaker	jhawkins
Rhode Island	RI		01	jhawkins	jhawkins
Montgomery County	OH		02	jhawkins	ydomneys
Kenosha County	WI		02	jhawkins	ejohnson
Baltimore City	MD		99	jhawkins	jhawkins
Providence	RI		02	jhawkins	jhawkins
National Center for Health	MD		02	jhawkins	jhawkins
Los Angeles	CA		00	kchoi	rslaten
Richmond	CA		01	kchoi	adaly
Denver	CO		02	kchoi	rslaten
Grand Gateway	OK		02	kchoi	jmiller
Riverside County	CA		02	kchoi	adaly
Seattle and King County	WA		01	pashley	adaly
Lawrence	MA		00	rnelson	ehornbuckle
Utica	NY		00	rnelson	zmorales
Malden	MA		02	rnelson	ehornbuckle
Springfield City	IL		02	rnelson	gpinzer
Durham	NC		02	rslaten	rslaten
Houston	TX		02	rslaten	jmiller
Connor Envro. Svcs. - LEAP	MD		03	rslaten	jhawkins
GDAHC LEAP Detroit	MI		02	rslaten	ejohnson
County of Santa Cruz	CA		03	rslaten	adaly
City of National City	CA		03	rslaten	rslaten
City of Kansas City, MO	MO		03	wfriedman	gpinzer
Newark	OH		02	ydomneys	ydomneys
City of Allentown	PA		03	ydomneys	ydomneys
City of Roanoke	VA		03	ydomneys	jhawkins
Nebraska	NE		01	rnelson	ejohnson
Neighborhood Improvement	WI		02	ddarrow	ejohnson
New Britain	CT		00	ehornbuckle	CLOSED 2/29
Phoenix Science & Tech.	MA		02	epinzer	gpinzer
Fort Worth	TX		01	jbaker	jmiller
Rocky Mount City	NC		02	jbaker	rslaten
Newark	NJ		00	jhawkins	jhawkins
Pawtucket	RI		00	jhawkins	jhawkins
Cincinnati	OH		02	jhawkins	ydomneys

Grantees	State	Assessment 5-15-2004	NOFA Fiscal Year	GTR	GTR As Of 5/15/04
East Providence	RI		02	jhawkins	jhawkins
Indianapolis	IN		02	jhawkins	gpinzer
Vineland City	NJ		02	jhawkins	ydomneys
Los Angeles County	CA		01	kchoi	kchoi
Riverside	CA		01	kchoi	adaly
Monroe County	NY		02	rnelson	zmorales
Tides Center	CA		97	rriley	adaly
Detroit	MI		02	rslaten	ejohnson
Louisville/Jefferson County	KY		02	ydomneys	gpinzer
Neighborhood House	WA		03	chammond	adaly
City of Minneapolis, Environmental Health Services	MN		03	chammond	ejohnson

In addition to the above performance statistics, Government Technical Representatives have identified some other positive trends. Many grantees are being proactive in addressing some of their program obstacles. For example, some of our Lead Hazard Control Program grantees are reaching out to local contractors, providing lead pollution insurance coverage, and providing certification classes to contractors as a way to overcome the lack of certified contractors. Other grantees are working together to provide regional training to area contractors. Obtaining and retaining program participants is a common challenge facing grantees. Some grantees, Mahoning County for example, are using incentives as a vehicle to overcome this challenge. We warn grantees however not confuse incentives with unallowable advertising and public relations costs such as promotional items and memorabilia including gifts, and to consult the appropriate OMB Circulars for guidance. This type of pro-active management is an encouraging sign that grantees are becoming more aware of the tools available and are utilizing these tools to ensure success.

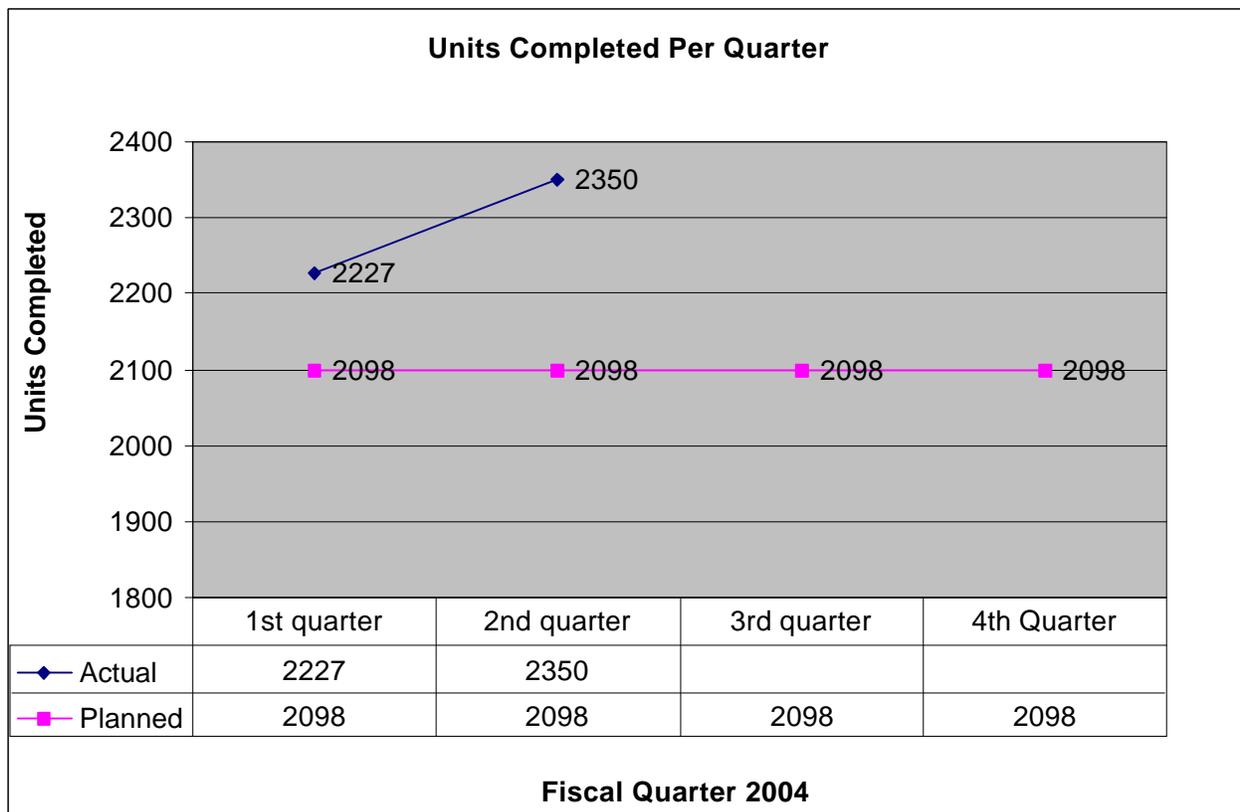
Lead Hazard Control Grant Program

Results - Goals

With just six months remaining in the fiscal year, we already have achieved nearly fifty-five (55) percent of our annual goal, having made 4,577 of 8,390 housing units lead safe for low-income families with young children at greatest risk of lead poisoning. This achievement is well above our planned mid-year goal of 4,196 lead safe housing units. Of concern however is that we have just 3,567 units currently in progress, which means that we will fall short of achieving our annual goal by 246 units.

For the second quarter FY2004 reporting period, 2,350 units were made lead-safe (see chart below). This represents a nine percent increase for the same reporting period in FY2003. Cumulatively, the Lead Hazard Control Grant Program has made 57,783 housing units lead safe and has tested over 93, 737 units for the presence of lead-based paint and lead-based paint hazards.

Quarterly Production Tracking



The Lead Hazard Control Grant Program’s fiscal year 2004 goal is to make 8,390 housing units lead-safe. Therefore, in order to remain on track to meet the fiscal year goal, the minimum number of housing units that need to be made lead-safe per quarter is 2,098.

Fiscal Year 2004 Production Goal

Measure	Fiscal Goal Planned	YTD Actual	Variance	Status
Number of housing units made lead-safe	8,390	4,577	+ 28%	Above goal

Discussion

A review of our quarterly production data for the fiscal year indicated a seven percent increase from the same reporting period in FY2003. An assessment of the quarterly data indicates a maturing and refinement in the development and use of our monitoring tools, evaluations, and activities. Nearly 65 percent of grantees are on track to meet their work plan goals by the end of the calendar year.

An analysis of active grant rounds is provided below.

Grant Round	Fiscal Year	Units in 3-Year Grant Agreement	Percent of Units Completed
9	2001 (start dates ~ 3/1/2002)	6,698	52%
10	2002 (start dates 2/1/2003)	5,953	19%
11	2003 (start dates 10/01/2003)	In start up phase	In start up phase

➤ **Specific Lead Hazard Control Grantee Accomplishments**

Detailed grantee status production and expenditure reports for the reporting period January 1 – March 31, 2004 are provided in Attachment A. These reports sort grantees by funding round and by performance and are used to help us determine the necessary technical assistance needed to improve performance and to track planned milestones for major tasks/activities against actual performance. Specific program accomplishments during the second quarter of FY 2004 (January 1 – March 31, 2004) include:

▪ **National/Local Capacity Building**

Availability of Contractors: The Lead Hazard Control Grant Program has stimulated the creation of a large cadre of competent contractors and trained workers. This quarter alone grantees have trained, or sponsored training of 3,503 individuals. This training ranged from Lead Abatement Worker and Supervisor training courses, refresher training for lead contractor/supervisor license renewal, lead-safe renovator training to contractors and landlords, loan or other incentive programs available to contractors, including grant funds to assist with EPA training and licensing, and medical screening fees, and Lead-Safe Work Practices training for property owners and contractors. Several grantees have made this mandatory for participants and it has proven to be an incentive for contractors to become eligible to bid on projects.

Local Capacity Building: The Lead Hazard Control Grant Program has created in-house expertise in over 250 justifications across the country. A sample of activities conducted by

grantees during the 2nd quarter included:

- The Manchester Health Department Community Health Nurse provided education during blood lead level screenings at the WIC Clinic, at the refugee center and at the Health Department. Children with elevated blood lead levels received a follow-up home visit. Through this effort, 74 families received individual lead education. Healthy Home Services/Child Health Services project reported eight new families received in-home education. Brochures were developed this quarter and the first mailing was sent to both the landlords and the tenants of units with outstanding abatement orders. A cover letter - specialized for the owner and another for the tenant - offered the services of the Manchester LHC Program. The press release reinforced the opportunity for owners to have assistance to cover costs of lead hazard control. Education was provided at a health fair at Salvation Army in the center city. No data on number reached. On January 15, 2004 (outreach #49) a Lead Awareness Training was held at Leo's Restaurant in Trumbull County as part of our regional approach. Approximately 80 people attended.

- The Mahoning County Lead Program conducted a number of outreach event including: a January 12, 2004 meeting with members of the Landlord Association. Mr. Gary Singer, Director of Mahoning County Lead Program, and Mr. Rocky Page, First Place Bank, explained the Bank Program that Mahoning County Lead Program offered. There were approximately 50 members present; a February 3, 2004, Teacher's In-Service event at North Elementary School, as part of Mahoning County's Lead Program commitment to make the Youngstown Schools aware of lead poisoning in children, especially at the elementary level. Approximately 50 staff (teachers, administrative and maintenance) attended; a February 23, 2004 Teacher's In-Service event at Taft Elementary School, attended by approximately 38 people; a March 9, 2004 Lead Awareness Seminar at Park Vista Retirement Center sponsored by the Mahoning County Lead Program, Quantech Inc. and the Northside Citizens Coalition and attended by approximately 25 people; a March 10, 2004 Teacher In-Service training was held at East High School. One of the reasons for targeting the High School is the number of girls that are young mothers and finishing high school. The training is part of our commitment to bring lead poisoning awareness to teachers in order for them to share with their students. Approximately 50 staff attended; a March 11, 2004, Lead Seminar at Youngstown State University, co-sponsored by the District Board of Health Mahoning County; a March 22, 2004 Teacher In-Service event held at Hayes Elementary attended by approximately 25 staff members; a March 23, 2004, Teacher In-Service event at Martin Luther King Elementary School attended by approximately 22 people; a March 29, 2004, Teacher In-Service event at Sheridan School attended by approximately 29 staff members attended; children under the age of six years were tested for lead poisoning at Martin Luther King Elementary, Sheridan School, and Paul C. Bunn Elementary Schools on February 9, March 19 and March 26, 2004, respectively. A Phlebotomist from St. Elizabeth Health Center, a Working Partner, schedules and conducts the lead screenings.

- **Development of Comprehensive Community Approaches**

Collaborative Partnerships: The Lead Hazard Control Grant Program has stimulated the

effective collaboration of local health, housing, and community development agencies as well as local faith-based and community-based organizations and groups of parents of lead poisoned children. Quarterly grantee accomplishments included:

Public Education/Outreach: Quarterly grantee accomplishments included:

- The Akron Lead Hazard Control Program developed a working partnership with the East Akron Neighborhood Development Corporation (EANDC) and will collaborate with the Summit County Job and Family Services Program and the Akron Metropolitan Housing Authority to assure Akron's proposed program funded under the Lead-Based Paint Hazard Control Grant Program is in strict compliance with Section 3 of the Housing and Community Development Act of 1992. This program will seek and show preference, for contract purposes, to low-income residents and businesses which are owned by and/or employ low-and very low-income residents as defined in 24 CFR 135.5. In order to enhance the current pool of certified general contracting firms capable of participating in this project, the Lead Hazard Control Program has continued to train and license lead hazard abatement contractors, assessors, and workers. A proposed program will be developed through coordinated efforts of the Akron Health Department and EANDC to train painters, renovators, and maintenance personnel in lead-safe maintenance practices. These courses will be offered on a regular basis to assist homeowners, landlords, and building maintenance personnel on the safe ways to approach potential lead hazard removal. The training for the first quarter, FY 2004 was provided through their primary partner East Akron Neighborhood Development Corporation. Training was held on February 5, 2004 for contractors, workers, and renovators, and included Respiratory Fit Testing (30), Clearance Cleaning (10), Air Monitoring, (15) and OSHA Lead Standard Testing (29) for a total of (84) contractors, workers and renovators. The Akron Health Department Risk Assessors attended an update on the HB #248 Rules and Regulations that were passed April 1, 2004. The rules put forth interventions of case level children at 10 ug/dl and more intense follow-up procedures for EBL cases both medically and environmentally. Property owners continue to take advantage of the demonstration-cleaning program to reduce lead dust hazards. The program will continue to offer cleaning by lead contractors prior to renovation and has cleaned a total of 219 homes in FY 2002- 2004, as interim controls prior to more permanent lead hazard control and renovation.
- **Economic Opportunities for Low-Income and Minority Residents**

Economic Opportunities: The Lead Hazard Control Grant Program is creating economic opportunities for low-income residents of target areas all over the country. Quarterly grantee accomplishments include:

- On March 25, 2004, Lead Safe Washington provided a one-day Lead Safe Worker Training Workshop by MasiMax. This training was conducted with the joint EPA û HUD curriculum: Lead Safety Training program for Remodeling, Repair, and Painting. This safe work practices training was provided for 25 District residents. DHCD continues to plan for training and potential jobs with its partner, the DC Department of Employment Services. DHCD plans to put out an RFP for training services, since its initial training

- partner, the Alice Hamilton Occupational Health Center, is no longer viable.
- The CLPPP holds a lead safe work practices training each month for clients who want to make their homes "lead safe". Note: PA allows owners to remediate lead hazards in their own home without being certified or trained. Maintenance staff, landlords, and the public also are invited to attend the free two-hour training. All homeowners to whom the CLPPP has issued orders to remediate lead hazards are notified of the class. The CLPPP also partnered with the Philadelphia Healthcare Institute (PHI) to provide the PA-approved Lead Abatement Worker training to 10 low-income/homeless individuals. PHI provided the free training. The lead abatement contractors working with the CLPPP on this grant interviewed the trainees for jobs.
 - City of Cincinnati: Training was under way for 24 low-income individuals through a Brownfield training grant. Lead contractors who will be doing grant work are interested in hiring individuals once they have completed their course and licensing. Results will be reported in the second quarter.

For more information, visit the lead hazard control program web site at:
<http://www.hud.gov/offices/lead/lhc/index.cfm>

Healthy Homes Grant Program

Results - Goals

To achieve HUD's strategic goal of developing safe and affordable housing, the Office of Healthy Homes and Lead Hazard Control (OHHLHC) executed a total of 7 Healthy Homes Demonstration grants and 4 Healthy Homes Technical studies grants in the fourth quarter of 2003 and made all 11 of these grants operational in FY 2004. To date, we have awarded \$39.4 million to 52 grantees in 21 states, positively impacting the lives of tens of thousands of young children.

Measure	YTD Planned	YTD Funded	YTD Operational	YTD Reporting Progress	Status
Number of operational grants/cooperative agreements funded by the Healthy Homes Initiative Program	26	52	39	39	Above plan

¹ Of the 52 grants that have been funded, 7 grants have been closed out.

Discussion

Healthy Homes grant activities continue to identify ways to prevent or reduce the severity of childhood health problems, such as asthma, lead poisoning, and unintentional injuries, related to substandard housing conditions. Healthy Homes demonstration projects develop protocols (e.g., visual assessment, cleaning, interventions), develop instrumental methods, provide educational materials for children and adults, produce websites, and build capacity (training community health workers, interns, residents, and grantee staff) to carry out healthy homes assessments and interventions. Core programmatic elements of the Healthy Homes grants include:

- **Method Development** of assessment tools and intervention protocols to identify and repair housing-related hazards and evaluation of the effectiveness of these protocols;
- **Capacity Building/Training** for "high performance" housing that is energy efficient, durable, sustainable, and healthy and safe for occupants;
- **Assessment** of housing-related health and safety hazards that pose risks to the health of residents, particularly children in low-income families;
- **Interventions** to correct these hazards, together with an evaluation of the effectiveness of these interventions;
- **Education/Outreach** about healthy homes issues to individuals and the general public.

Healthy Homes grantees are successfully performing assessments and

interventions, as well as providing Healthy Homes information to residents, property owners and construction professionals. A summary of achievements, and cumulative totals is provided in the table below.

Performance Element	2nd Quarter	To Date
No. of Clients Contacted	3,942	87,587
No. of Clients Enrolled	669	3,493
No. of Units Assessed	635	5,133
No. of Interventions Completed	324	1,962
No. of Individuals Trained	1,458	7,926
No. of Individuals Reached	20,450	524,414

Some highlights and outcomes of Healthy Homes Grant Program during the 2nd Fiscal Quarter of 2004 are presented below:

➤ **Method Development**

Healthy Homes grantees are developing and validating assessment methods that include resident questionnaires, visual assessment, and environmental assessment (sampling and analytical methodologies).

- Final Institutional Review Board approval was obtained for the healthy homes demonstration project which is being led by the **City of Minneapolis**, in partnership with the St. Paul/Ramsey County Health Department, Greater Minneapolis Daycare Association, and Children’s Hospital. Indoor air quality assessments are to be performed using the U.S. Department of Energy’s weatherization protocol.
- Staff from the **University of Massachusetts Lowell Research Foundation** have been working with its healthy homes partners and the City of Lowell to assess current data collection practices, examine the implementation process by which GEOTMS mapping software is being introduced into the city, and develop a GIS prototype that can be used to tap into existing GIS layers and create new layers as information is gathered from cross-cultural assessments. The goal is to have a more effective tool to monitor changes in home health over time within target areas, with particular emphasis on diverse and low- income neighborhoods. The GIS system is intended to provide many different agencies and organizations with a better understanding of where healthy homes problems are most likely to be encountered. The data will include information on locations of concentrations of older and deteriorated housing, radon, and lead. Hazard Indices have been developed that capture key information which has been mapped for census block groups. The GIS mapping will permit individuals to enter an address and pull up maps showing the home hazard level for eight selected factors that have been mapped to date.
- In Baltimore, Maryland the **Coalition To End Childhood Lead Poisoning’s** healthy homes project has been challenged by rental property owners who decline free physical intervention services requested by the tenant. To address this problem the **Coalition** developed match- funded resources in the form of legal services and relocation services. In situations where rental property owners are unresponsive, the Coalition’s Family Advocate Attorney assists tenants in sending Notices of Defect to

the owner by certified mail. If the owner fails to respond, the Family Advocate Attorney represents the tenant in Rent Court to establish a Rent Escrow account until the lead hazards are repaired. For tenants who need immediate relocation or who are unwilling to pursue the Rent Escrow process, the Coalition has obtained funding for a relocation assistance program that provides up to \$500 for security deposit, first month's rent, or moving expenses to help a family move to lead certified housing. The relocation assistance program has been instrumental in moving 13 families from hazardous housing to lead certified housing in the past several months.

➤ **Capacity Building/Training**

In the 2nd Quarter, Healthy Homes grantees trained a total of 1,458 individuals, including owner-occupants, property owners, remodelers, contractors, enforcement officials, grantees and partner staff. Information about training activities in specific Healthy Homes grant projects is presented below.

- Responding to an invitation from the National Association of County and City Health Officials, the **City of Stamford, Connecticut's** Department of Health and Social Services staff made a power point presentation on its Breath of Fresh Air Program, via a January 22, 2004 conference call, to representatives from 130 health departments throughout the United States. Many of the participating health departments were looking for ideas and recommendations on how to start their own housing-based asthma program, or successful actions that could be integrated into an existing program. The City of Stamford has taken an active approach, utilizing HUD Healthy homes Demonstration grant funds to combine code enforcement with public protection and building inspection to provide an indoor air quality program. The National Association of County and City Health Officials also provided detailed information regarding the Breath of Fresh Air Program in its Winter 2004, NACCHO Exchange publication, which has a national circulation of 3000 subscribers.
- The **City of Milwaukee, Wisconsin's** Healthy Homes program manager trained 3 of the city's lead risk assessors on field sampling and data protocol procedures to increase staff capacity to undertake timely assessments of homes under its healthy homes demonstration project. Two days of training within the office were provided, followed by three weeks of field training conducting assessments of dwelling units for lead hazards, mold and moisture problems, asthma allergens, safety hazards, and pest problems.
- Through its Healthy Homes Demonstration Program the **Northeast Denver Housing Center** is building community capacity in the Cole and Clayton neighborhoods of Denver, Colorado. These two neighborhoods are part of an EPA Superfund site, and have shown to be a pocket of elevated lead blood levels as well as arsenic poisoning. The Northeast Denver Housing Center works with members of the neighborhood associations to train and mentor them in identifying home health and safety hazards. During this quarter 5 community members were trained in identifying lead hazards in homes and lead safe work practices. Testing for radon, and visual inspections for mold, roaches and safety hazards were also included in the on-site training. Three of the residents trained have begun to assist the Northeast Denver Housing Center with healthy home investigations.

- **Advanced Energy Corporation** staff taught Habitat for Humanity construction managers and staff in Raleigh, North Carolina techniques for building sealed crawl spaces.
- **City of Philadelphia's** Health Department staff were invited to provide a lecture on the HUD Healthy Homes Initiative and the City's HomeSafe Program to an undergraduate environmental studies class at the University of Pennsylvania's Institute of Environmental Studies. The Institute is developing a course on Healthy Homes, and will be using in large part, the 10-day curriculum developed for the City's HomeSafe Program. The City of Philadelphia also submitted the curriculum and materials for its HomeSafe training program to the National Center for Healthy Homes to be considered for incorporation into a model national Healthy Homes Training program.
- University Extension staff managing Native TRACKS healthy homes project at **Montana State University** undertook initial site visits to six of the seven Native American reservations in Montana to bring together local representatives to discuss the projects goals and objectives, and how best to implement the project at each location. The initial visit to the seventh reservation is scheduled for April, 2004. Montana State University healthy homes staff were also invited to become involved with a state-wide Asthma Partners coalition
- Healthy homes staff at the **University of Alabama at Birmingham** provided home cleaning and hazard reduction instruction to 10 applicants who applied for homes to be constructed by Habitat for Humanity. The Birmingham Habitat for Humanity organization sees great value in training families to maintain healthy homes, and requires applicant families to attend the training to earn points required to obtain a new home.
- Representatives of the **New England Asthma Regional Council** distributed materials to 175 persons attending the New Hampshire Asthma Summit, and participated as trainers in a full day workshop titled "Design and Construction for Healthy Homes: 5 Key Changes that can Improve IAQ," which was attended by 255 housing professionals at the Maine Indoor Air Quality Conference. In January, 2004 the Asthma Regional Council printed and distributed its quarterly newsletter to approximately 500 persons. The newsletter included an article describing recent healthy homes activities. The Asthma Regional Council also finalized a PowerPoint presentation entitled "the Asthma and Housing Connection. The PowerPoint presentation has been distributed as an email attachment on a number of listserves, and it is available on the web at <http://www.asthmaregionalcouncil.org> . The Healthy Homes Demonstration grant project is being lead by the **Medical Foundation, NE Asthma Coalition** in Boston, Massachusetts.
- Staff coordinating the **University of Massachusetts Lowell Research Foundation's** Healthy Homes project continue to integrate the effort with the existing New Ventures project and the HUD-funded Community Outreach Program Center (COPC) program being implemented at the University of Massachusetts Lowell. Key staff members from the COPC and New Ventures projects participated in the full Healthy Homes "Train the Trainer" training and then conducted training of others. One of the subsequent trainings involved 19 leaders of the Cambodian Leadership Network living in Lowell. These individuals plan to use the information obtained from the training to augment activities they carry out with Cambodian families living in the area. Through its working relationship with the COPC project and River Ambassador programs, the healthy homes project staff have also been able to overcome obstacles encountered

by other area organizations to develop connections with many groups representing minority interests in the community including the Asian Task Force, the Cambodian Mutual Assistance Association, the St. Julie Asian Center, the Cambodian American League of Lowell, the Latino Health Institute, and the Southeast Asian Bilingual Advocates Inc.

➤ **Assessment**

Healthy Homes grantees contacted 3,942 clients in the 2nd quarter, enrolled 668 clients and completed assessments in a total of 635 units. Follow-up assessments and recruitment continued to be challenges for some projects. Grantees implemented new strategies to address these issues. A summary of some of the grantee activities is presented below.

- Staff from Children's Mercy Hospital, a partner in the grant of **Healthy Homes Network** in Kansas City, Missouri, are developing a comprehensive assessment protocol to create a scoring mechanism that allows for the generation of both a health/symptoms score for the patient, and a home exposure assessment score for the patient's home. Other scores for quantifying visual and recorded observations are to be included and compared with other data. Survey instruments were completed this quarter, and the Children's Mercy Hospital staff statistician is working to develop a weighted scoring system that will provide a more accurate reflection of individual hazards and their relative impact on occupant health.
- **Advanced Energy Corporation** undertook performance testing for duct leakage and exhaust fan performance in new Habitat homes in Raleigh, North Carolina, and installed data loggers in crawl spaces and air returns to provide future evaluative data.
- A guidance document entitled "How to Complete the Healthy Homes Visual Assessment" was completed for the **City of Phoenix's** Healthy Homes Demonstration Program. The first ten housing units assessed under the program were subjected to an agreement test. Two staff from the Phoenix Children's Hospital evaluated the units independently, using the baseline form, and their results were compared. Any divergences were analyzed and the best response documented.
- **The University of Wisconsin-Madison's School of Pharmacy** completed assessments for injury hazards and asthma triggers in 69 dwelling units. A project goal is to determine whether homes which contain more potential injury hazards require greater resources to remedy these hazards, and whether the interventions performed under the grant are effective at reducing the level of household injury risk. Project staff are currently applying the results of the Delphi injury survey to the home assessment data to calculate an injury hazard score for each household. Quantification of the degree of household injury risk will permit measurement of the impact of interventions through a comparison of baseline data with follow-up scores. The hazard scoring method will be compared to self-reported responses from parents with observations from project staff. Establishing the veracity of self-reported responses may allow future studies to streamline home assessment protocols by omitting questions that are answered reliably by caregivers.
- The **University of Medicine and Dentistry of New Jersey** undertook carpet-cleaning interventions in 17 dwelling units this quarter. Similar work has been undertaken in 39 properties through March 31, 2004. 14 of these units have been owner occupied, and

25 renter occupied. The project focus is on the analysis of the effectiveness of dry steam cleaning in reducing contaminants in carpets. A total of 267 vacuum dust samples and 168 dust wipe samples, including blanks, were collected through the end of the quarter. An extra set of wipe and vacuum samples were also collected from the carpets after steaming but before repeat vacuuming in 15 of the 38 homes. 67 of the 267 vacuum samples were completed for lead, and 72 for mite allergens. 125 of the 168 wipe samples were also completed for lead. Pesticide analysis of dust samples has not begun.

➤ Interventions

This quarter Healthy Homes grantees performed interventions in 324 units. A variety of interventions were undertaken in these properties including the performance of interventions to address respiratory hazards in 144 units, for safety hazards in 187 units, and lead hazards in 78 units. Interventions to address other health and safety hazards were undertaken in 114 units. Interventions to address multiple hazards were undertaken in a significant number of units. Specific information about the kinds of interventions that grantees facilitated is provided below.

- The **Northeast Denver Housing Center** completed physical interventions in 16 dwelling units this past quarter, including interventions in two units occupied by children with environmental intervention lead blood levels. Interventions were also begun in 10 other units. Nine of the 16 units had an intervention cost of less than \$100. The cost of the remaining unit interventions ranged from \$950 to \$7,615. Intervention work performed included the installation or activation of smoke detectors, the provision of carbon monoxide detectors, removal of carpeting and replacement with washable floor cover, repair or replacement of building components and systems to address mold, moisture, and safety problems, the installation of radon removal systems, and the elimination of lead paint hazards. The Center's increase coordination of outreach activities with the Cole and Clayton neighborhood associations in Denver, Colorado has coincided with the increase rate of intervention activity.
- New York's **Erie County Health Department** completed physical interventions in 74 dwelling units. The primary focus of intervention activities was on the installation or activation of smoke detectors, installation of carbon monoxide detectors, correcting lead paint hazards, and referrals for code enforcement. Other interventions undertaken in some units included repairs to water damaged walls and ceilings, correction of venting problems associated with gas fueled devices, and pest control. Intervention costs in 51 units were under \$100, and between \$100 and \$200 in each of the remaining units.
- **The University of Wisconsin-Madison's School of Pharmacy** completed educational and physical interventions in 57 homes to address hazards that may cause injuries. The average number of injury prevention devices provided to each family was 24, with the number ranging from 6 to 35. The average cost and median costs were \$94.66 and \$76.65 respectively. The main devices given to families included those to prevent a young child's access to poisonous substances, electrical outlets, and stairways, and other areas deemed unsafe.
- The **City of Philadelphia** completed physical interventions in 20 dwelling units during

the quarter; of these unit, 13 had an intervention cost of \$600, with the remaining cost of interventions ranging between \$2600 and \$9500 per unit. Intervention activities include super cleaning, installation or activation of smoke detectors, removal of carpeting and replacement with washable floor cover, repair or replacement of building components and systems to address mold, moisture, and safety problems, and elimination of minor lead paint hazards. The HomeSafe program also makes referrals to other local programs for code enforcement action, integrated pest management, replacement of heating equipment, and major lead hazard reduction work.

- The **Coalition to End Childhood Lead Poisoning-Baltimore** completed lead hazard reductions in 29 dwelling units. The per unit cost in 22 of those units was between \$150 and \$700. The remaining 7 units receiving lead intervention work had a cost in excess of \$1,000, with three of those units having a cost of more than \$10,000. Integrated pest management and safety interventions were performed in 28 units at a per unit cost of less than \$100. The Coalition has been surprised thus far by the relatively low rate of positive dust mite readings from vacuum tests during pre-intervention testing, given the high levels of asthma irritants and the high diagnosis rates of asthma in Baltimore City.
- **Alameda County, California** undertook physical interventions in 15 units during the quarter. The costs of physical interventions in 12 units ranged from \$950 to \$1250. Each of the remaining units had a cost exceeding \$4000, with one unit having an intervention cost of \$12,000. Interventions in 12 units included allergen reduction treatments, the installation of a Healthy Homes Maintenance Kit, boric acid treatment to address pests, and a room air purifier. Additional interventions performed in the other three units included ventilation improvements such as the installation or repair of exhaust fans and external venting of clothes dryers, and alterations to the building which may include replacement of carpeting with hard surface flooring, and plumbing and building repairs to address mold and moisture problems. Families are provided with a dust detector vacuum cleaner and are encouraged to vacuum regularly and to continue to reapply boric acid as a component to the integrated pest management program.
- Interventions were undertaken in 26 dwelling units by the **City of Stamford, Connecticut**. Three of the interventions were solely educational. The focus of physical intervention activities in the remaining 23 units included respiratory and lead paint hazards, the installation or activation of smoke detectors, correcting housing code violations and moisture problems leading to mold growth. The cost of physical interventions in the remaining 23 units ranged from \$300 to 500.
- The **Seattle-King County Public Health Department** completed its first 3 physical interventions in homes this quarter as part of its "Better Homes for Asthma" healthy homes technical study. All 3 rental units had ventilation and flooring issues addressed, and bathroom fans installed. In two units carpet was replaced with vinyl flooring in a child's bedroom, and also in the dining room of one unit. A sliding glass door was replaced in one unit, and two had kitchen exhaust ventilation installed. In 2 units contractors found additional repairs that were required to be performed by the property owners. Grant funded intervention costs in the three units ranged from \$2,600 to \$6,500. Educational visits were also undertaken to 13 homes, and eight enrolled families received allergy control mattress and pillow encasements for their asthmatic child.
- The **University of Alabama-Birmingham** provided physical interventions in 7

dwelling units focusing on respiratory, lead paint, and safety hazards. Intervention costs in 4 properties were \$145 each. The costs in the remaining units ranged from \$1,450 to \$5,250 from the healthy homes grant. In two of the units grant funds from other programs were contributed in amounts of \$21,570 and \$15,593.

- The **City of Milwaukee Health Department** provided educational interventions to occupants of 11 dwelling units who were randomly selected for assignment into the asthma study control group. Physical interventions were undertaken in 17 units. The families residing in these units received educational interventions, and deep cleaning and integrated pest management services, and carbon monoxide and smoke detectors. Four properties received safety devices, and 4 received minor repairs such as repairing and replacing gutters, a water damaged ceiling, and bathroom flooring. Physical intervention costs ranged from \$550 to \$1200. Lead hazards were addressed in 16 units, including three control units, utilizing funding from HUD lead hazard control grant funds in 5 units.

➤ Education/Outreach

In the 2nd quarter, Healthy Homes grantees reached a total of 20,450 individuals in activities that included health fairs, community events, recreational activities, presentations, radio broadcasts, conferences and exhibits. Sustainability of recruitment continues to be an issue for a number of grantees and these grantees have developed innovative strategies to address recruitment issues, as presented below.

- The **Esperanza Community Housing Corporation** provided housing based hazard educational information to 59 families in Los Angeles during the quarter. Its community outreach program has achieved significant success by utilizing a variety of strategies including door-to-door outreach and survey gathering efforts, community/school presentations, outreach referrals from collaborative partner agencies, and other community and medical agencies, theater presentations, and a vacuum cleaner lending and bucket coupon program.
- Three project-related papers prepared by participants in the **Harvard School of Public Health's** Healthy Home Technical Studies project were published this past quarter. "A community based participatory survey of public housing conditions and associations between renovations and possible building related symptoms" was published in Applied Science and Public Health; "Where does the damp come from? Investigations into the indoor environment and respiratory health in Boston public housing" was published in the Journal of Public Health Policy; and "Central Steam Heating Challenges and Solutions" was published in Home Energy.
- The **City of Philadelphia's HomeSafe** program was mentioned in an EPA funded documentary on asthma aired on the local Univision Spanish cable station. The HomeSafe staff are working directly with Concillo and Asociacion de Pertorriquenos, two Latino social service agencies, to develop asthma primary prevention outreach programs.
- The **Duke University's** Healthy Homes project "Maps Where Children Matter: GIS-based Predictive Risk Models for Directing Housing Intervention Programs," is classifying risk exposure of bioavailable lead, allergens, mold and fire hazards down to the tax parcel unit. Project staff participated in a joint presentation to Durham's Mayor

and City Council about the lead model and its application to community outreach planning. GIS maps and a poster size map titled “City of Durham Lead Poisoning Prevention Target Areas” were presented at the meeting.

- **Healthy Homes Network** staff, along with interning student nurses from the University of Missouri- Kansas City, assisted 150 residents of the city of Kansas City’s Oak Park Neighborhood with a neighborhood clean-up effort on March 26, 2004. Each resident who filled out a Healthy Homes Network environmental home assessment received a free home cleaning kit and cleaning fact sheets. Participation in the event enabled Healthy Homes Network staff to make initial contact with several grassroots community service organizations seeking active partners in other community based events.
- **The Erie County Health Department** undertook a number of diverse outreach activities during the quarter including making presentations about the Healthy Homes Initiative at the meetings of the Western New York Real Estate Investors Group, and the Buffalo Board of Block Groups; and participating as a healthy homes exhibitor at the Western New York Auto Show; the Schiller Park Community Wellness Fair, the Western New York Home and Garden Show, the Erie Community College Health Fair, the Niagara Frontier Transportation Authority Health and Wellness Fair, the Longview School Family Health and Wellness Night, and the Pinnacle Charter School Family Health and Wellness Night.

Assessing Grantee Performance

Government Technical Representatives (GTRs) evaluate grantee performance on a quarterly basis relative to the core programmatic elements of the Healthy Homes Program, as applicable to an individual grant. GTR evaluations are used to help OHHLHC determine the technical assistance needed to improve performance.