



The
Alameda County
Lead Poisoning Prevention Program

Fourth Quarter Report FY 2011-2012

ALAMEDA COUNTY LEAD POISONING PREVENTION PROGRAM
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QUARTERLY HIGHLIGHTS

U.S. Centers for Disease Control & Prevention (CDC) New Reference Level

This quarter was the first time in 20 years that the U.S. Centers for Disease Control and Prevention (CDC) updated its recommendations on children's blood lead levels. The CDC changed the level of concern, now called a "reference level" for lead exposure to 5 µg/dL. In light of the multitude of studies unequivocally demonstrating adverse effects at lower blood lead levels, the previous "level of concern" (10 µg/dL) gave parents and physicians a false sense of security that children were safe from harm. The new lower reference level encourages parents, doctors, public health, and housing officials to take action earlier to prevent and reduce future exposures.

Also on May 16, 2012 the American Academy of Pediatrics (AAP) released a statement commending the CDC for supporting its Advisory Committee on Childhood Lead Poisoning Prevention's recommendations to redefine lead exposure in children. The AAP noted there is no safe level of lead exposure for children and called upon Congress to restore funding to CDC's Lead Poisoning Prevention Program.

Kresge Foundation Grant Award

The Program received a grant award in the amount of \$750,000 from the Kresge Foundation under their Advancing Safe and Healthy Homes for Children and Families Initiative (ASHHI). Under this three-year grant the Program will develop a more coordinated alliance of health and housing advocates and service providers in the development of housing policy within Alameda County. In addition it will develop strategies for increasing public awareness of housing related health hazards and convene and coordinate the activities of the Alameda County healthy Homes Alliance. This grant will also support the implementation of 120 low-income healthy housing units in Alameda County with a special emphasis on lead and asthmatic children. The term of the grant is March 31, 2012 to April 30, 2015.

Alameda County Healthy Homes Alliance

The Alameda County Healthy Homes Alliance (ACHHA) devoted its Spring Quarter meeting, May 18, 2012, to Affordable Housing Week, organized by East Bay Housing Organizations. Its panel discussion, "The Nexus between Affordable Housing and Healthy Housing," was one of 16 events conducted in Alameda and Contra Costa Counties during Affordable Housing Week.

The panel discussion, moderated by ACLPPP Director Mark Allen, included Nadia Shihab of the California Partnership Corporation, Catherine Bishop, of the National Housing Law Project, and Linda Merola of ChangeLab Solutions formerly known as Public Health Law and Policy. The meeting focused on the threats to federally subsidized low income housing in the Bay Area, and their implications for the health and well being of vulnerable populations. The event was well attended and widely considered to be effective. It also introduced the Alliance and healthy homes issues to new potential partners in the affordable housing field.

LEAD POISONING PREVENTION

Public Education and Outreach

The Program's public education and outreach activities are designed to increase awareness of the dangers of lead exposure and other housing related health hazards, and provide residents with information on how to prevent exposure. These activities are funded by the local County Service Area (CSA) fee, the California Department of Public Health (DPH), and the U.S. Department of Housing and Urban Development (HUD).

Increase Awareness

By June 30, 2012 the Program will have conducted at least 80 activities to promote public awareness about lead and healthy housing and to increase the visibility of the Program and its services by utilizing media spots, distributing educational literature, staffing information booths, conducting target mailings, putting up displays, as well as maintaining an interactive website.

36 Media Spots

Twelve media spots were completed in the quarter, bringing the total to 37 this fiscal year.

Oakland Local, a popular non-profit on-line local news group, published an article in April about a Lead Safe Urban Gardening Forum sponsored by ACLPPP, the Get the Lead Out Coalition and the Oakland Food Policy Council. The on-line article promoted the forum and encouraged urban gardeners to learn how to protect young children from exposure to lead-contaminated soil and described services offered by the Program. The article can be found at <http://oaklandlocal.com/posts/2012/04/community-forum-provide-safe-ways-garden-urban-soil-april-18>. A message about lead-safe gardening was also sent to the Program's 793 e-subscribers.

During April, USA Today released a significant investigative report about lead contaminated soil surrounding old lead smelters throughout the country. Program staff sent an announcement about the report to 23 local news contacts. A Spanish television network, Telemundo 48/NBC reporter picked up the story and contacted the ACLPPP which set up an interview with a local family whose lead contaminated yard in West Oakland has been remediated by the U.S. Environmental Protection Agency (EPA). The story about lead contaminated soil was broadcast on May 10th.

In May, the Program also notified local media about the U.S. Centers for Disease Control and Prevention's (CDC) historic decision acknowledging the scientific evidence showing that low levels of lead exposure cause harm and the importance of primary prevention. The [National Center for Healthy Housing press release](#) was included in the email announcement.

Program staff responded in May to a San Francisco Chronicle "Sweat Equity" column that published an article about painting an old fixer-upper in the City of Alameda without mentioning the dangers of lead. The Program posted a response to the article on SF Gate and contacted the authors who printed a lead warning in a subsequent story with a link to the ACLPPP website.

Program staff also got the attention of a reporter from Oakland North, an on-line local news site. The reporter attended and published a report about the Alameda County Healthy Homes Alliance panel on "The Nexus between Affordable Housing and Healthy Housing".

Program staff continued to actively post on the Program's Facebook page and has recruited 47 "friends" to date including organizations and individuals. During this past quarter the ACLPPP Facebook wall was viewed 264 times. The Facebook page currently has the potential of reaching over 15,264 "friends or fans" when information is shared. The Program made 46 posts on Facebook during this time including sharing links, and posting current news items and directing people to the ACLPPP website for more information.

50,000 Website Visitors

In the fourth quarter 11,190 individuals visited the ACLPPP website for a year to date total of 38,261 visitors. A number of upgrades and additions to the website have been made in the past quarter, including information on the CDC's new reference level, Affordable Housing Week; lead contaminated soil, National Poisoning Prevention Week, among other topics.

10 Community Venues to Promote Lead and Healthy Housing Awareness

The ACLPPP has selected seven venues to build awareness and promote lead safety services to County Service Area (CSA) homeowners, rental property owners and contractors working on properties in CSA cities. The outreach is coordinated with ACLPPP internet and social media activities and incorporates output and outcome measures in order to evaluate the impact of the efforts.

The following is an update on the status of each venue:

- Home Depot, Oakland and Emeryville: Outreach at the paint counter and gardening centers focused on increasing awareness of lead-safe remodeling and lead-safe gardening among do-it-yourself homeowners. Display posters and business card sized promotional pieces have now been installed at the paint departments and a gardening specific poster has been installed in the garden centers at both stores.
- Pagano's Hardware Mart, Lincoln Avenue, Alameda: The paint department continues to provide easy customer access to its lead-safety supplies.
- Foothill Do-It-Best Hardware, Foothill Blvd., Oakland: The ACLPPP continues to work with the store manager to prepare a dedicated section for lead safety materials as part of store renovations.
- Laurel Ace Hardware, MacArthur Blvd., Oakland: The ACLPPP provided training for Laurel Ace staff during the quarter which was also used as a review group for the posters and other materials being developed, providing feedback on messages, images, and the format that would be most useful in their store.
- Economy Lumber, High Street, Oakland: Economy Lumber has an established space for lead-safety supplies. The ACLPPP participated in their Spring Vendor Day event which resulted in training sign-ups and a follow-up consultation with a construction recycling company.
- Habitat for Humanity ReStore, San Leandro Street, Oakland: ACLPPP has placed materials in the paint sales area for their contractor and homeowner customers in an effort to increase information line calls, website visits, and training class sign-ups, new posters designed for retail venues will be provided for their paint sales area.

Four Targeted Mailings

In the fourth quarter a staff at the Unity Council Head Start in Oakland who received a train-the-trainer training on lead poisoning and healthy housing requested materials to share with their clients. The mailing included information on blood lead levels, lead in candy and how to keep children safe from lead. The materials were distributed to approximately 60 parents of children under the age of five. The Program will continue to support the trained childcare operators who are providing lead and healthy housing information directly to their clients. Thus far, five targeted mailings were employed this fiscal year.

30 Public Education Events

For the quarter 27 public education events were held totaling 60 for the fiscal year.

During the quarter the Program staffed two events in the City of Alameda, which included After School Art Project and the Healthy Homes Healthy Living Health Fair at the Alameda Point Collaborative. In the City of Oakland a total of 14 events were held, which included the Fishbone Project Chester Street Block Party, Vendor Appreciation Day at Mark's Paint Mart, the Economy Lumber Vendor Fair, the Week of the Young Child Celebration at Children's Fairyland, the Rental Property Owner and Manager Appreciation Day during East Bay Housing Organization's Affordable Housing Week, the Hoover Elementary School Health Fair, the Healthy and Safety Fair at Immanuel Temple Seventh Day Adventist Church, the Landlord 102 event at the East Bay Rental Housing Association, the Oakland Lyon's Chinatown Health Fair, three Oakland Housing Authority Property Owner Briefings, and the Alameda County Public Health Department 2012 Measles Update.

In the City of Emeryville, the Program staffed the Emeryville Earth Day Celebration event.

In the City of Berkeley, a total of eight events were staffed by the City of Berkeley Public Health Department during the quarter. Staffed were several Health Equity events, Heart 2 Heart events, the English Learner Parent Forum and the Berkeley Juneteenth Festival.

A total of two events were staffed outside the CSA which included the East County Head Start Family Activity day in the City of Livermore and at 4C's Annual Children's Faire in the City of Hayward.

Increase Knowledge

By June 30, 2012, 980 people will demonstrate an increase in their knowledge of the risks, sources and ways to prevent lead poisoning and about Healthy Housing.

48 Lead and Healthy Housing Presentations and Classes

This quarter 16 presentations were conducted, reaching an estimated 396 individuals. A total of three presentations were held in the City of Alameda. Two presentations were to staff and residents of the Alameda Point Collaborative during Healthy Homes Healthy Living Week on Making the Connection between Health and Housing and to the Alameda Housing Authority meeting about ACLPPP programs and services as well as healthy housing topics. Eleven presentations were made in the City of Oakland to various organizations including East Bay Rental Housing Association, Laurel Ace Hardware and the Rose Foundation. Two presentations to Alameda County Black Infant Health and Improving Pregnancy Outcomes Program (IPOP) in San Leandro on a lead case and healthy homes mold prevention.

One presentation was made to the City of Berkeley Black Infant Health Program by the City of Berkeley Health Department.

For the fiscal year 58 lead and healthy housing presentations and classes were conducted reaching an estimated 1,219 individuals.

500 Individual Consultations

In the fourth quarter, 88 individuals contacted the Program via information line, email or by coming into the office with questions about lead poisoning or healthy housing. Of these, 71 originated from a CSA city. For the fiscal year the Program has provided a total of 496 consultations. (See Appendix A: Activities by County Service Area City, for a breakdown by city).

Provide Property Related Services

By June 30, 2012 at least 325 CSA property owners will have received at least one of the following CSA services; an in-home consultation and garden soil lead sampling kit.

175 In-Home Consultations

The Program provided 43 In-Home Consultations during the quarter. Of these, three were in the City of Alameda, six in Berkeley, and 34 in Oakland. For the fiscal year, the Program provided a total of 182 In-Home Consultations.

150 Garden Soil Lead Sampling Kits

This service was discontinued in the last quarter. A total of 126 kits were provided during the fiscal year. To address lead safe gardening, the ACLPPP has developed lead safety information for gardeners and disseminates that information through the website, information sheets, information line and during In-Home Consultations.

Assess Actions Taken

By June 30, 2012, at least 40% of people who have attended classes, called the information line or utilized a program service will have taken at least one action to prevent lead poisoning.

During this quarter, 22 Infoline callers were asked for feedback about the quality of service they received when they initially contacted the Program. More than half of those surveyed said they took some action or had planned to take action as a result of speaking with the Program, including scheduling an In-Home Consultation, registering for and/or taking a class, sharing information with others, including neighbors and landlords, and applying new knowledge to ensure projects were lead-safe. Eighty-seven percent (87%) of the individuals said they would recommend the services to others, sharing comments like “instructors were very good”, “happy with how staff responded”, “nice people – very responsive”, and “website is very comprehensive.”

The Program also received six Garden Soil Lead Sampling Kit Feedback Forms, and over 80% responded that they were “satisfied” or “very satisfied” with the service provided. Seventy-Five percent (75%) of the respondents said that they had taken some action as a result of information obtained from the Program, including remediation tactics and applying new knowledge of child-specific lead poisoning prevention tips. Over 80% of those responding also said they would recommend the service to others, and included the comments “Great representative – super helpful, knowledgeable and clear.”

A total number of 92 website visitors took the Lead Safe Work Practices Quiz.

Expand Partnerships and Collaborations

By June 30, 2012, five (5) agencies, community-based organizations and institutions will take action to increase public lead awareness by incorporating lead messages into their operations.

Five Active Partnerships

The Program identified four organizations to partner with this fiscal year in an effort to incorporate lead and healthy homes messages into their work.

Alameda County Healthy Homes Alliance: See highlight section of the report.

Get the Lead Out (GTLO) Bay Area Coalition: The Program continues to play a key role in hosting and coordinating the Get the Lead Out Bay Area Coalition of Lead Poisoning Prevention Leaders. During this quarter the Coalition became a fiscally sponsored project of the Center for Environmental Health with 501(c) (3) non-profit status. This allows the Coalition to begin implementation of a \$5,000 grant award from the Rose Foundation Northern California Grassroots Fund to build the Coalition and further its mission.

Also during this quarter the GTLO Coalition co-hosted a well attended community forum on lead-safe urban gardening (see below).

Community Child Care Council (4C's) of Alameda County: Last Fall, 30 family childcare operators attended "Creating Healthy Child Care and Home Environments: Preventing Lead Poisoning" presentations offered in English and Spanish at 4C's offices. While 30 operators received the training, seven independently owner operators took the educational tools ACLPPP offered and committed to share lead poisoning and healthy housing information with their family childcare clients on a regular basis. Staff continues to provide technical and materials support to the seven newly-trained childcare center operators who are providing lead and healthy housing information directly to their childcare clients. The Program intends to coordinate with 4C's to offer the training again in FY 12/13 and to develop a similar relationship with its partner agencies providing similar services elsewhere in north and east County.

Alameda Point Collaborative: In Alameda ACLPPP staff has been working with the Alameda Point Collaborative (APC), a unique community of approximately 500 people living in 200 units of supportive housing for the formerly homeless on the former Naval Air Station in Alameda to develop a plan to incorporate lead and healthy homes messages into APC operations and to increase community awareness.

Several APC families have now completed the application process for the Healthy Homes Project and/or the Breathmobile, which now provides services at Alameda Point. APC sent their Property Management and Building Services staff to the ACLPPP Renovation Repair Painting training this quarter. APC Family Services staff also attended the ACLPPP Healthy Housing Practitioner training in March.

In Alameda, the Program collaborated with the Alameda Point Collaborative to develop daily activities as part of their First Annual Healthy Homes-Healthy Living Week (4/30-5/4). Highlights included working with 40 kids, ages 3-18, to create art work about what healthy housing means to them, and a presentation on World Asthma Day of the Program's "Making the Connections between Health and Housing" activity. The week culminated in a Family Health Fair which provided community resources to the formerly homeless community. Booths focused on asthma education and resources, lead education and resources, nutrition, recreation, reading, and property management etc. Participating families received Healthy Housing kits comprised of vinegar, baking soda, a spray bottle, a sponge, green cleaning recipes, etc.

To continue the integration of Healthy Housing principles into the operations of APC, on June 20th a gathering of over 35 staff and residents participated in the Program's "Making the Connections between Health and Housing" presentation.

Urban Gardening: The Program partnered with the Get the Lead Out Coalition and the Oakland Food Policy Council to host a second Lead-Safe Urban Gardening Community Forum in April. In addition to GTLO members, attendees included leaders from local community gardens, including Bay Friendly, City Slicker Farms, and Victory Gardens, as well as soil scientists, and staff from UC Davis School of Agriculture, US EPA West Oakland Project, SF Environmental Health, Forensic Analytics, and others. The forum included discussion about the extent of the problem, testing, best practices, practical approaches and methods of community education. The Coalition is following up with development of a lead-safe gardening class curriculum and looking for potential funding sources to increase community awareness and knowledge about the issue. The ACLPPP now has a web page devoted to lead-safe gardening with an extensive list of articles.

Oakland Housing Authority: The ACLPPP continued its work with the Oakland Housing Authority (OHA) to increase awareness and promote compliance with lead safety requirements. Outreach at OHA events and direct referrals of properties cited by OHA for deteriorated paint hazards has led to 10 properties participating in the OHA Section 8 program to enroll in the HUD 19 Lead Hazard Control Grant program. Three of these lead hazard control projects have been completed and one is under construction.

In addition to tabling at three OHA owner briefings, the ACLPPP also staffed the OHA/Eden Information and Referral Rental Property Owner Appreciation event during Affordable Housing Week including presenting a “Lead and Mold: What You Need to Know” presentation to 37 property owners during the event. Six property owners were also recruited into the one-day RRP class during the quarter.

Compliance with Lead Safety Standards

The ACLPPP will work with property owners, neighborhood residents, and building and code enforcement agencies, among others, to ensure compliance with regulations requiring lead safe work practices when renovating pre-1978 structures. The Program will provide guidance, educational materials, technical assistance and appropriate referrals when responding to complaints by Alameda County residents concerned with potentially unsafe renovation activities.

And in the cities of Alameda, Emeryville, and Oakland, staff may conduct a site visit, depending on the potential risk of exposure. Unsafe renovation calls are tracked separately and follow-up calls made to determine the outcome. Staff will also provide technical support to City of Berkeley Public Health Department staff responding to complaints about unsafe renovations in Berkeley.

Increase lead safety compliance

50 Unsafe Renovations Complaints

The ACLPPP responds to community complaints of unsafe renovations or conditions with a coordinated process. Each complaint is assessed for the level of response based on the type of complaint, the presence of children or pregnant women, and the level of worker protection, lead-safe work methods, and containment reported by the complainant. The ACLPPP conducts telephone interviews and or site visits, and makes appropriate referrals, including such agencies as California OSHA, local storm-water protection agencies, Bay Area Air Quality Management, and local housing and code enforcement departments where appropriate. The ACLPPP is currently assessing each jurisdiction's level of response to unsafe renovation, including developing a matrix to assess their level of response to unsafe complaints in their prospective jurisdictions.

Program staff and partners responded to a total of 22 new lead safety incidents this quarter, three in Alameda, seven in Berkeley, eleven in Oakland, and one incident in San Leandro. The Program responded to 82 lead safety incidents in the fiscal year.

Lead Safe Work Practices Training

In order to reduce lead exposure, the Program provides the HUD/EPA-approved “*Lead Safety for Remodeling, Repair, and Painting*” class to CSA property owners, property managers, and their maintenance crews.

The Program also collaborates with Laney Community College to assist Laney instructors train carpentry students in lead-safe work practices. ACLPPP staff will teach four classes using a train-the-trainer model with Laney instructors to help institutionalize lead safety into the existing college curricula.

Provide lead safety trainings

11 Lead-Safe Work Practices Classes

Three lead safety trainings were held during the quarter bringing the year to date total to 11. Two one-day EPA Lead Certified Renovator trainings were held at ACLPPP offices for 30 trainees. The ACLPPP also completed a

two-hour “Working with Lead” training for 20 trainees at the Spanish-Speaking Citizen’s Foundation in Oakland.

Of the trainees this quarter, 23 were CSA property owners. Seven others were property managers or maintenance staff for CSA owners. Twenty students were participating in the Spanish Speaking Citizen’s Foundation’s Solar Energy Efficiency and Green Careers training program.

LEAD POISONED CHILDREN

California Department of Public Health-Childhood Lead Poisoning Prevention Branch (DPH-CLPPB) funds comprehensive services to ensure children at risk for lead poisoning receive blood lead testing, and those with lead poisoning receive the necessary services to address the health and housing issues responsible for the lead exposure.

Promotion of Lead Screening

One of the Program’s primary functions is the early identification of children exposed to lead through lead screening or testing. Program staff conducts outreach to families and medical providers to encourage blood lead screening as called for under California Department of Public Health guidelines.

The ACLPPP also collaborates with other government, community, and/or health care agencies and programs to increase lead screening of children at risk in Alameda County.

The new Screening Through Outreach Project (STOP) is funded by the recent one-time allocation from the Millennium Holdings, LLC settlement, and will provide an opportunity for the ACLPPP to launch a high profile marketing project designed to increase the screening of children under age six in Alameda County. This is reflected by increases in some objectives and activities that promote lead screening.

Increase Lead Screening

Increase by 15%, the number of children screened for lead, to 20,250 by June 30, 2012. Screening numbers will be reported quarterly upon receipt from the California Department of Public Health (CA-DPH), and may not accurately reflect all children screened to date.

This fourth quarter, the Department did not receive any lead screening data from the CA-DPH for either the third or fourth quarter of FY 2011-2012. Therefore, the lead screening objective will be reported once the data has been received from CA-DPH.

One blood lead testing event

No activity this quarter.

100 Alameda County Medical Providers

In the fourth quarter, four medical residents from Kaiser Permanente and Children’s Hospital and Research Center in Oakland (CHRCO) accompanied Program staff on home visits as part of their community health rotation training. Also this quarter, staff participated in the Alameda County Providers Training Collaborative training on measles. The topic was geared to pediatric medical providers, which allowed for a targeted outreach opportunity on lead poisoning issues with the 35 providers in attendance. To date, an estimated 316 providers have been reached with information regarding lead poisoning prevention updates and issues.

Representatives of Six Children's Organizations

No additional Train-the-Trainer trainings have been conducted this fourth quarter (total to date is 14). However, staff conducted telephone surveys to previously trained organizations to evaluate the effectiveness of the train-the-trainer model. The survey revealed the model was most utilized and beneficial at some of the smaller child care settings, rather than at the larger agencies. Department staff will therefore continue to support those agencies previously trained, providing technical assistance as needed, and will also continue to seek out other opportunities with the smaller child care operators to introduce the lead prevention train-the-trainer model and materials.

50 Medical Provider Sites

This quarter, as part of the Program's new Screening Through Outreach Project (STOP), staff met several times with the Alameda County Public Health Department's Community Assessment Planning, Education and Evaluation (CAPE) Unit to discuss progress of their analysis and mapping of local lead screening data. The data will be utilized to develop customized outreach strategies to Alameda County medical providers and high risk families. CAPE staff anticipates completion of their analysis by September 30, 2012.

Also this quarter, the Program completed the interview and hiring process for the STOP Community Outreach Worker position, with a target start date in July. Interviews for the Project Coordinator position will resume after the Alameda County Human Resources Department conducts a new examination for the position in the next fiscal year.

Comprehensive Services to Lead Exposed Children

The ACLPPP intervenes when a child has been identified as lead exposed. The Program offers an array of services to children identified with lead in their blood and their families. The type of service provided is determined by the levels of lead found in the blood.

Public Health Nursing case management is provided to families of children with blood lead levels greater than 15 micrograms per deciliter. The Program's case management of lead poisoned children is coordinated with the primary care provider, and encompasses comprehensive health assessments, the development and implementation of individualized care plans, and ongoing evaluation to determine effectiveness of the interventions. Particular attention is paid to the developmental status of the lead poisoned child by conducting developmental screenings and ongoing monitoring.

Case managers facilitate linkages to educational, community, health, and social resources, as needed. In addition, the nurse case manager coordinates the referral to the environmental professional for an environmental investigation to identify lead sources in a child's environment.

If the environmental investigation identifies property-related lead hazards, the Program's housing professionals provide technical assistance to the occupants and property owners to ensure lead hazards are remediated in a lead-safe and timely manner.

The nurse case manager convenes the semi-monthly Case Review Working Group with environmental and housing professionals, evaluating all cases to ensure progress towards eliminating housing-based lead hazards.

Lead poisoning consultations are provided to families of children with blood lead levels 10-14 micrograms per deciliter. They consist of in-home education, a visual assessment of the home, along with health and housing education materials. Staff monitors the child's blood lead levels to assess the need for further case management

services. Telephone consultations, which consist of education, technical assistance, and the mailing of the educational materials, are conducted when families decline an in-home consultation.

Lead poisoning education is provided to families of children with blood lead levels 5-10 micrograms per deciliter. This includes direct mailings of health and housing education materials on lead poisoning to the families. The child's blood lead levels are monitored to evaluate the need for further intervention and case management services.

Provide Services to Lead Exposed Children

Increase by 10%, the number of comprehensive services provided to children with newly identified lead exposure, to an estimated 300 by June 30, 2012.

This fiscal year, a total of 325 children with newly identified lead exposure received health promotion services.

300 Lead Exposed Children

This fourth quarter, 97 children exposed to lead received one of three health promotion services: comprehensive nursing case management (5), lead poisoning consultations (10), or lead poisoning outreach and educational mailing (82). Four lead exposed children were from the City of Alameda, 47 from the City of Oakland, four from the City of Emeryville, and 42 from cities outside of the CSA, including 12 from Hayward, eight from Fremont, six from Livermore, and five children from San Leandro.

Decrease Blood Lead Levels

By June 30, 2012, 80% of children with blood lead levels (BLL) between 5-14 mcg/dL will demonstrate a decrease in their blood lead levels.

Ninety-four percent (94%) of children demonstrated a decrease in blood lead levels.

160 Blood Lead Level Reviews

This objective was completed and reported in the previous quarter.

Environmental Case Response

Environmental Case Response is designed to ensure the source of exposure for a lead poisoned child is eliminated in a safe and timely manner. California Department of Public Health (DPH) guidelines call for the property owner to begin the lead hazard corrections within 30 days of notification that a child has been poisoned as a result of hazards found at the property. The complete correction of hazards is required within 90 days.

Under its contract with the California Department of Public Health, the Program is responsible for lead poisoning case response in Alameda County, with the exception of the City of Berkeley. The City of Berkeley's Public Health Department has its own contract with the State Department of Public Health, and is responsible for case response in its jurisdiction.

The ACLPPP's Case Review Working Group determines when to refer noncompliant property owners to the Alameda County Environmental Health Services for further enforcement.

The ACLPPP's Property Review Working Group promotes property owner compliance with lead safe housing standards at properties associated with lead exposed children. These may include properties associated with children whose blood lead level is below the State's case management criteria, properties where multiple children with elevated blood lead levels reside, or multiple properties with lead exposure risks that are owned by a single owner.

Address Lead Hazards at Properties of Lead Poisoned Children

30 Environmental Investigations

This fourth quarter six new cases were referred to the ACLPPP and five Environmental Investigations (EIs) were conducted for a year to date total of 23.

The following types of lead sources were identified from EIs completed this quarter:

4th Quarter	Property Based Lead Hazards	Non Property Based Lead Hazards
Oakland	2	
Dublin		1 (home remedy)
Fremont		1 (cosmetics & spices)
Hayward		1 (Unable to determine source)**
Union City		1 (Unable to determine source)**

The following types of lead sources were identified from EIs completed this fiscal year:

FY 2011-2012	Property Based Lead Hazards	Non Property Based Lead Hazards
Alameda	1	
Castro Valley		1 (home remedy)
Dublin		1 (home remedy)
Fremont		2 (travel abroad) 1 (cosmetics and spices) 1 (Unable to determine source)**
Hayward		1 (cosmetics and spices) 1 (Unable to determine source)**
Oakland	12*	1* take home/occupational
Union City		1 (cosmetics) 1 (Unable to determine source)**

*One home had both property and non property hazards and appears in both columns.

**There are a few cases where the likely source of exposure has not been determined at the time of the Environmental Investigation. The ACLPPP continues to follow these cases and later parents often reveal other possible sources such as the use of home remedies, imported spices or religious materials such as incense or ceremonial make-up, and travel out of the country that they may have been resistant to reveal originally. In addition, more families are moving frequently due to economic circumstances and the child's lead exposure may have occurred at a previous residence which ACLPPP does not have access to.

20 Hazardous Units

This fourth quarter, the Case Review Working Group provided technical assistance to five owners whose properties were homes to children with elevated blood lead levels meeting the State of California criteria for Public Health case management, and found to have lead hazards. Three of these were cases carried over from last quarter, and two were for new cases this quarter, for a total of 16 for the fiscal year. Of the 16 for the fiscal year, one was in Alameda; 12 were in Oakland, two in Fremont and one in Union City. Two cases where residential lead hazards were identified were cleared and closed this quarter.

Address Lead Hazards at Properties of Lead Exposed Children

50 Problem Properties

This fourth quarter, the Property Review Working Group triaged 12 properties that were homes to children with elevated blood lead levels that do not meet the State of California case management criteria. Five were located in Oakland, five in Alameda, and two outside the CSA cities. Ten of the 12 have presumed property based lead

hazards and staff is working with the property owners, providing them with the technical assistance to remediate the lead hazards.

To-date, a total of 40 problem properties have been reviewed and placed on one of four distinct tracks designed to ensure hazards are addressed.

LEAD HAZARD CONTROL

HUD Round 16 Grant

Last quarter the Program completed the three-year **Partnerships for Affordable Lead-Safe Housing** under a \$3 million grant from the U.S. Department of Housing and Urban Development (HUD). Under this grant, the ACLPPP and its partners exceeded grant objectives by completing lead hazard control in 262 housing units, while conducting 386 risk assessment and paint inspections. The ACLPPP also increased education and awareness among property owners, tenants, and agency partners through 266 events, and providing lead-related skills trainings to 991 individuals.

HUD Round 19 Grant

On November 1, 2011, the Program began its most recent the three-year HUD Lead Hazard Control Grant from the U.S. Department of Housing and Urban Development. Under this \$2,134,863 grant, the ACLPPP and its partners will perform at least 132 risk assessment/paint inspections and complete lead hazard control in at least 125 housing units. The ACLPPP will provide education to property owners, tenants, and agency partners through 62 events, and provide lead-related skills trainings to 360 individuals. In addition, the ACLPPP will perform supplemental safety and healthy housing interventions in 70 of the lead hazard control units.

Implement HUD Lead Hazard Control Grant

15 Risk Assessments

Ten lead risk assessment/paint inspections were completed this quarter for a year to date total of 42.

25 Lead Hazard Remediation

This quarter, lead hazard control was completed at nine housing units, one in Berkeley and eight in Oakland.

Ninety-five units were completed this fiscal year under the HUD 16 and HUD 19 Lead Hazard Control Grant programs combined.

As of the end of the quarter, two units were under construction. The ACLPPP is also pursuing a joint project with the City of Emeryville at an in-home child care location.

See Public Education and Outreach and Lead-Safe Work Practices Training for objectives in those areas.

HEALTHY HOMES

Healthy Homes Demonstration Project

In March of 2010, the Program was awarded an \$875,000 grant to fund its third Healthy Homes Demonstration Grant from the U.S. Department of Housing and Urban Development. The Alameda County Healthy Homes Project is in its first year of the three-year period of performance. This grant will end on May 14, 2013.

The goal of the Healthy Homes Project is to demonstrate an improvement in the health status and prevention of injuries of 150 children and adolescents diagnosed with asthma and respiratory distress and older adults who are caregivers of children diagnosed with asthma by combining an approach of education, community empowerment, and low-cost housing interventions with the concurrent medical treatment model. New Project partners include the Alameda County Senior Injury Prevention Program and the Disability Rights Education Defense Fund. Both partners will assist in developing messages for in-home education and providing Project referrals and training to staff on senior injuries and working with disabled clients.

Implement Healthy Homes Project

Fifty percent (50%) of enrolled participants will demonstrate a reduction in asthma symptom severity, number of hospitalizations and/or emergency room visits.

Data is currently under review for determination of asthma and hospital reduction rates as a result of Project interventions.

Of the children referred to the Project, staff has received weight and height information for 173 children. Medical providers are encouraged to provide this information because of the correlation between asthma symptoms and increased weight. This information has been entered into a CDC tool for determining the Body Mass Index for the group with the following results:

- 5% of the children are underweight
- 49% have normal Body Mass Indexes
- 46% are either overweight or obese

This data reveals a need to include nutrition information and tips for healthy eating and exercise into the client curriculum.

100 Visual Assessments

During this quarter, 18 visual assessments were conducted in Oakland and one out of the CSA totaling 19 visual assessments for the quarter. Project staff has conducted a total of 94 assessments during the fiscal year and 259 assessments during the grant period (104% of the objective). Eight units were found to have excess moisture problems resulting from either plumbing leaks or inadequate ventilation in bathrooms and kitchens. Several units had deficiencies that were beyond the scope of the grant funds. However, additional repairs were completed by the property owners in these cases and the housing deficiencies were corrected.

80 Housing Interventions

A total of 24 housing interventions were conducted in clients' homes during this quarter. Sixteen interventions were conducted in the City of Oakland, one in the City of Berkeley, two in Alameda, and five outside of the CSA. Project staff completed a total of 98 interventions for the fiscal year and 154 interventions (103% of the objective) during the grant period.

During this quarter, nine clients received home visits where only a visual assessment of the home was performed and occupants received education. Three of these clients were referred to Alameda County Asthma Start for a home visit and to receive products that can decrease asthma severity by limiting allergens in the home such as HEPA vacuums and dust mite proof mattress and pillow covers.

Six Community Meetings

On May 16th, the Alameda County Healthy Homes Project hosted the Making Connections/ Hacer Conexiones event for the Project clients and their family and friends at the Cesar Chavez Branch Library in Oakland. The Making Connections event focused on the services that the Alameda County Asthma Start Program offers to educate the asthmatic child and their parents on the use of medication. The guest speaker was Glafira Garzon-Ramirez who spoke about Asthma Awareness to 13 interested participants.

Healthy Housing Training

The ACLPPP provides training to promote safe and healthy housing. As a training partner with the National Center for Healthy Housing (NCHH), the ACLPPP has a menu of courses developed by the NCHH for those who perform on-site residential visits, such as public health nurses, environmental health specialists, code enforcement personnel, social service providers, contractors, public housing staff, and advocates for safe, healthy, and affordable housing. Several classes are designed for specific audiences such as code enforcement personnel, Community Health Workers, Public Housing staff and tenants, and Green and Energy Efficiency personnel.

Train in-home visitors to identify and address unhealthy housing conditions

Four Healthy Homes Classes

No Healthy Homes courses were conducted during this quarter. The Integrated Pest Management class that was intended to be conducted in June has been rescheduled for October. Three healthy homes trainings have been conducted during this fiscal year.

Oakland Housing Authority Healthy Housing Assessments & Education

In 2006 the Alameda County Lead Poisoning Prevention Program entered into a fee-for-service agreement with the Oakland Housing Authority (OHA) to provide healthy housing inspection, education, and allergen reduction services in public housing authority units.

Two more families living in Oakland Housing Authority properties received Healthy Homes visual assessments and in-home education during this quarter. In both cases ACLPPP educational and assessment services are complete and OHA has begun repairs. In eight other cases, ACLPPP educational services are pending OHA completion of repairs or relocation of tenants.

ACLPPP and OHA staff conducts regular conference calls to track the progress of repairs and maintenance completed by OHA per the recommendations of the Healthy Homes inspector. This coordination also enables Program staff to schedule follow-up educational visits and allergen reduction services in the most effective manner for the client. OHA continues to improve its repair timeframes and reporting system.

Kresge Healthy Homes Project

The ACLPPP was one of four programs nationally awarded a three-year Kresge Foundation grant under its new Advancing Safe and Healthy Homes Initiative (ASHHI). The Program will receive \$750,000 over the three-year grant period, from March 31, 2012 to April 30, 2015.

The objectives of this grant are:

- Develop a more coordinated alliance of health and housing advocates and service providers in the development of housing policy within Alameda County.
- Develop a strategy for increasing public awareness of housing related health hazards and convene and coordinate the activities of the Alameda County Healthy Homes Alliance.
 - Coordinate a well-researched, legally and politically viable plan with ChangeLab Solutions formerly Public Health Law and Policy for the creation of a proactive rental inspection program designed to prevent housing-related health problems.
 - Develop a pilot code enforcement project in the City of Oakland which will conduct inspections in selected high risk Oakland neighborhoods, prioritize code enforcement of rental properties where asthmatic or lead-poisoned children reside or organize a coordinated multi-agency response to rental properties with particularly egregious code violations.
 - Develop a clear set of standards for healthy housing.
- Support healthy housing activities in Alameda County low-income housing units, with primary emphasis on residences of lead exposed and asthmatic children.
- Complete 120 healthy housing interventions in residential units within Alameda County, with specific focus in the City of Oakland.
 - Partner with the City of Oakland to work directly with the ACLPPP's Production Coordinator to produce 25 units of healthy housing from the myriad of the City of Oakland's housing and weatherization programs. It is anticipated and majority of these units will also qualify as GHHI units.
- Through the ACLPPP's Healthy Homes Demonstration grant and the Lead Hazard Control grant, where appropriate, the ACLPPP will provide HUD funds and/or Kresge Foundation funds to support healthy homes interventions that also qualify units as ASHHI units

During this quarter, two units from the HUD Healthy Homes Demonstration grant received interventions meeting the requirements of the Kresge grant. For this fiscal year, the Program has completed 19 interventions for the Kresge Foundation grant. Twelve of these units with completed interventions were in Oakland.

APPENDIX A

Activities by County Service Area City Fourth Quarter Cumulative July 1, 2011 – June 30, 2012

Activity	Alameda	Berkeley	Emeryville	Oakland	Out of CSA	TOTAL
Lead & Healthy Homes Presentations & Classes	5	2	2	40	9	58
Lead Safe Work Practices & Renovation, Repair, Painting Trainings		1		10		11
In-Home Consultations	16	48	1	127		192
Garden Soil Lead Sampling Kits Distributed	16	38		72		126
Community Outreach Venues	1		1	5		7
Public Information Events	4	18	2	29	7	60
Individual Consultations	46	106	2	249	90	493
Unsafe Renovation Consultations	9	17	1	45	10	82
TOTAL	97	230	9	577	116	1029

APPENDIX B

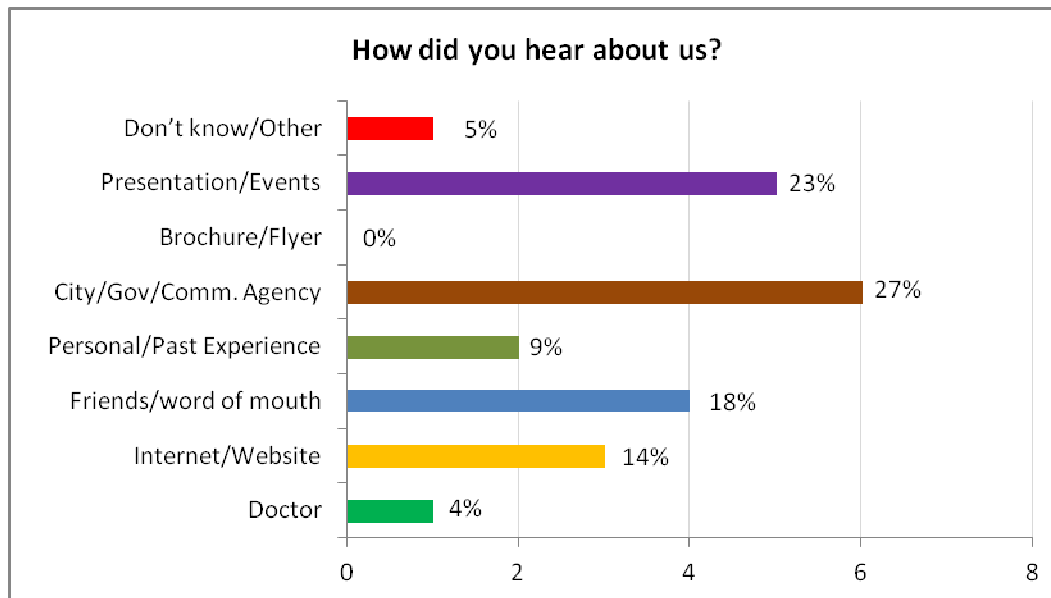
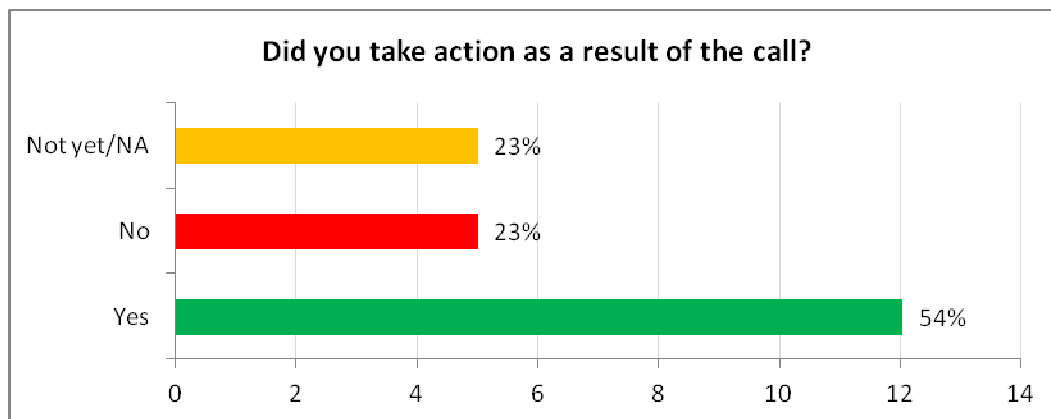
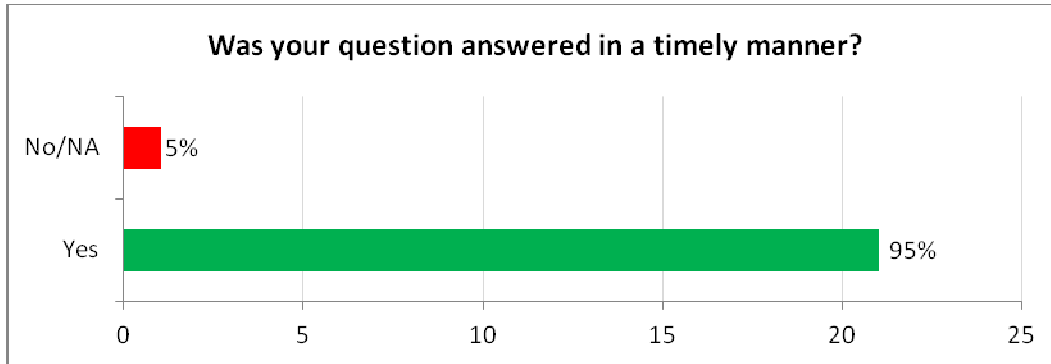
Services Provided to Date Fiscal Year 2011-2012

Goals and Objectives	Goals FY 2011-2012	First Quarter FY 11-12	Second Quarter FY 11-12	Third Quarter FY 11-12	Fourth Quarter FY 11-12	Cumulative
Employ 36 Media Spots	36	3 6	4	15	12	37
Host 50,000 Website Visitors	50,000	7,802	8,392	10,877	11,190	38,261
10 Community Venues to Promote Lead & Healthy Housing Awareness	10	3 4	4 3	0	0	7
Conduct Four Targeted Mailings	4	1	3	0	1	5
Participate in 30 Public Education Events	30	11	11	11	27	60
Conduct Lead and Healthy Homes Presentations and Classes	48	4	20	18	16	58
Conduct 500 Individual Consultations	500	193	118	94	88	493
Perform 175 In-Home Consultations	175	61	38	50	43	192
Distribute 150 Garden Soil Lead Sampling Kits	150	75	35	16	0	126
Respond to 50 Unsafe Renovations Complaints	50	25	19	16	22	82
Conduct 11 LSWP & RRP Trainings	11	2	3	3	3	11
Review 20,250 Blood Lead Screening Reports	20,250	10,472 (Jan-June) 5,472 (Jul.-Sept.)	Data not yet received from CA DPH 4,799 (Oct.-Dec.)	Data not yet received from CA-DPH	Data not yet received from CA-DPH	10,271
Provide Lead Education to 100 Medical Providers	100	--	142	135	39	316
Conduct 6 Train-the-Trainer Trainings	6	1	9	4	0	14
Conduct 50 Medical Provider Visits	50	--	--	--	--	--
Provide Services to 300 New Lead Exposed Children	300	94	32	102	97	325
Conduct 30 Environmental Investigations and Provide Technical Assistance to Property Owners	30	8	4	5	6	23
Conduct 20 property owner follow-up where an environmental investigation has identified lead hazards.	20	8	4	2	2	16

Review and Triage 50 Properties for Follow-up	50	11	9	8	12	40
Complete Lead Inspections in 15 Housing Units	15	18	9	5	10	42
Complete Lead Hazard Control in 25 Housing Units	25	14	39	33	9	95
Conduct 100 Healthy Homes Visual Assessments	100	32	19	24		94
Address Hazards in 80 Healthy Homes Units	80	35	14	25	19	98
Facilitate 6 Community Empowerment Model meetings	6	3	2	3	24	8
Conduct 4 Healthy Homes Trainings	4	1	1	1	0	3
Distribute 2,500 EPA Booklets	2,500	1,138	117	546	457	2,258

APPENDIX C

Information Line Feedback Results Fourth Quarter FY 2011-2012 (April-June) (Total calls used = 22)



Information Line Feedback Results (Continued)
Fourth Quarter FY 2011-2012 (April-June)
(Total calls used = 22)

