

The  
Alameda County  
Lead Poisoning Prevention Program

**First Quarter Report FY 2011-2012**

**ALAMEDA COUNTY LEAD POISONING PREVENTION PROGRAM**  
**First Quarter Report**  
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## QUARTERLY HIGHLIGHTS

### **U.S. Department of Housing and Urban Development Grant Award**

On September 20, 2011, the Alameda County Lead Poisoning Prevention Program (ACLPPP) received notification from U.S. Department of Housing and Urban Development (HUD) that it is the recipient of a Lead Hazard Control grant award in the total amount of \$2,134,863 for three years. The grant is scheduled to begin on November 1<sup>st</sup>, 2011. With this award, the ACLPPP has secured more than \$26 million in HUD lead hazard control and healthy housing funds in the last 17 years. Over the three-year grant period these funds will be used to finance remediation of an estimated 125 pre-1978 low-income residential units in the County Service Area. A portion of these funds will provide supplemental healthy housing interventions in approximately 75 of those units. The ACLPPP will also increase education and awareness among property owners, tenants, and agency partners through 62 events and provide lead-related skills training or healthy housing education to 360 individuals.

### **California Breathing Project**

The two-day “Essentials of Healthy Housing – Practitioner” class held on August 4 – 5, included instructors from the California Department of Public Health (CDPH), California Breathing Project. The California Breathing Project is seeking to become a training partner with the National Center for Healthy Housing (NCHH). The two-day class provided an opportunity for the new instructors to present sections of the curriculum and be audited by a seasoned instructor of the course. The new instructors made use of the opportunity to clarify specific information presented in the training and were able to receive feedback at the end of each day to help them improve their presentations and obtain a better understanding of the class. By becoming a training partner with the NCHH, California Breathing Project will be able to provide healthy housing classes in underserved areas of the State.

## 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), the U.S. Department of Housing and Urban Development (HUD) and the Kresge Foundation.

#### **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**

In response to the U.S. Environmental Protection Agency’s (EPA) West Oakland Soil Remediation Project which spurred media attention about lead contaminated soil, ACLPPP staff was interviewed about lead in urban gardening soil in the Oakland Tribune, the East Bay Express, and Oakland Local. The Program also wrote a letter to the Editor of ANG Newspapers, which was also printed.

In addition, news and photos from the Program's education and blood lead screening event at the Multicultural Institute Day Labor Program in Berkeley were printed on the front page of the State Childhood Lead Poisoning Prevention Branch County-to-County Newsletter.

Lastly, as a result of work done by members of the Get the Lead Out Coalition, the *American Congress of Obstetricians and Gynecologists* published an article in their September newsletter recognizing the risk and the need for screening of pregnant women for lead poisoning.

### **50,000 Website Visitors**

For the first quarter, 7,802 individuals visited the website. The Program re-vamped the home page of the website with photos to make it more appealing and user friendly. A "What's New" box was added as well as a portal for medical providers including data, journal articles and case management services and other resources. The Program is in the process of creating a Facebook page and utilizing e-subscribe to further promote the programs mission.

### **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 CSA homeowners, rental property owners and contractors working on properties in CSA cities. The outreach will be coordinated with ACLPPP internet and social media activities and incorporate output and outcome measures in order to evaluate the impact of the efforts.

The following locations have been identified: the Home Depots in Oakland and Emeryville, Pagano's Hardware in Alameda, Foothill Hardware and Laurel Hardware in Oakland, Economy Lumber in Oakland, and the Habitat ReStore also in Oakland.

For each location the Program will review any past activities and conduct interviews with store managers to develop an approach specific to the location. The ACLPPP has begun working with the following venues:

- Home Depot: These well-known "big-box" hardware super stores attract a wide variety of customers ranging from do-it-yourselfers to professional contractors, as well as gardeners. The focus of outreach here will be the do-it-yourself homeowner to promote the In-Home Consultation (IHC) and Garden Soil Lead Sampling Kit services through outreach efforts at both the paint counter (IHC) and the garden center (sampling kit). Posters and literature are being developed to put a "face" on lead poisoning to capture the customers' attention and then encourage them to take further action to call our information line or visit the website. The effort will kick-off in the paint center of the Oakland Home Depot for Lead Poisoning Prevention Week in October (10/24/11-10/28/11), followed by an approach to the Emeryville Home Depot later in the year and a garden center campaign in the spring.
- Pagano's Hardware Mart on Lincoln Avenue in Alameda: The first of several neighborhood hardware stores in this effort, Pagano's will dedicate shelf space to bring together those items needed for lead-safe work practices such as respirators and other personal protective equipment, plastic and tape, and other tools. This display area will be in place for Lead Poisoning Prevention Week, which Pagano's will also "stuff" customer shopping bags with lead safety postcards that include ACLPPP's contact information and website Quick Response Code (QR Codes) for smart phone access to the website. The ACLPPP will follow-up with store personnel to evaluate the effectiveness of the display center in promoting purchase of lead safety materials and will monitor web-hits and inphone calls. While maintaining efforts with Pagano's, the ACLPPP will develop approaches to the two other hardware stores and Economy Lumber.
- Habitat for Humanity ReStore: With a shared mission of promoting safe and healthy housing, the ACLPPP and Habitat for Humanity will work together to promote lead safety. Subject to store management approval,

the ACLPPP plans two in-store marketing methods such as posters or displays and to post information through the ReStore twitter feed in order to increase infoline calls, website visits, and training class sign-ups. In addition, the ACLPPP will explore other cooperative efforts with Habitat for Humanity East Bay.

#### **Four Targeted Mailings**

The Program contacted Sutter Health (Eden Canyon/San Leandro) to discuss upcoming outreach and education opportunities with their clients. Sutter Health identified asthma as an issue of concern and agreed to email an estimated 33 pediatricians the 2011 Health Care Provider Newsletter, which includes information on the Program's Healthy Homes Project that offers asthma education and low-cost housing intervention services to families with children diagnosed with asthma or respiratory distress residing in Alameda County.

#### **30 Public Education Events**

A total of 11 public education events were conducted this quarter, including seven events in the City of Oakland at the East Bay Rental Housing Association Landlord Workshop, Oakland Pacific Islander Health Fair, Allen Temple 34<sup>th</sup> Annual Health Fair, Manatu Ki Jonga Community Festival, Oakland Chinatown Lions Club, Oakland Housing Authority Property Owner Briefing, and EC Reems Job and Health Fair. Additionally, the Program staffed the Alameda Point Collaborative Back to School Fair in Alameda and Solano Stroll in Berkeley.

Staff also participated in two public education events at the Annual Alameda County Fair Employee Benefits & Health Fair in Pleasanton and in Livermore at the Alameda County Community Assessment Planning Education and Evaluation (CAPE) Unit Health Fair.

#### **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**

A total of four Lead and Healthy Housing presentations and classes were conducted for the quarter in the city of Oakland reaching an estimated 203 individuals. Two of the presentations were to the Oakland Housing Authority Property Owner Section 8 Update Open Forum Panel Discussion, one Oakland Inspector Training: Deteriorated Paint and High Quality Standards and a presentation to Thurgood Marshall Head Start.

#### **500 Individual Consultations**

In the first quarter, the Program received a total of 193 individual consultations; 156 of these individual consultations were from the CSA cities. These individuals contacted the Program via information line, email or by coming into the office with questions about lead poisoning or healthy housing.

#### **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, garden soil lead sampling kit, or unsafe work practice consultation.*

#### **Strategies for Each CSA City**

Program staff will develop a strategy to reach pre-1978 property owners and those most at risk for lead poisoning in each CSA city. The strategy for each city will be evaluated for effectiveness.

In Alameda, outreach strategies will seek to reflect the changing demographics to reach young families, the city's growing Asian populations, and homeowners renovating old Victorian homes.

In Emeryville staff will focus efforts in the older neighborhoods of the Triangle and San Pablo Avenue Golden Gate neighborhoods, and on older housing cooperatives.

The CSA outreach strategy in Oakland will encompass a varied approach to reach the diverse communities of Oakland utilizing neighborhood newsletters and email groups, public education events and work with neighborhood associations. Oakland rental property owners will be reached through participation in the Oakland Housing Authority Section 8 workshops, the Rental Housing Association of Northern Alameda County, among others.

In the City of Berkeley, the Program is renewing a contract for the fiscal year '11-'12 with the City of Berkeley Public Health Department, to conduct outreach and education focused on promoting ACLPPP services among owners of residential properties built before 1978 in Berkeley.

### **175 In-Home Consultations**

The Program provided five In-Home Consultations in Alameda, 17 in Berkeley and 39 in Oakland bringing the grand total of In-Home Consultations for the quarter to 61.

### **150 Garden Soil Lead Sampling Kits**

Seventy-five Garden Soil Lead Sampling Kits were distributed this quarter. The Program noticed an increase in the requests for garden soil lead sampling kits and it presumes this is attributed to the lead in soil articles in the local media.

### **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, 51 Infoline callers were asked for feedback about the quality of service they received when they initially called the Program. Of those surveyed 65% said they took some action as a result of speaking with us, including soil testing, registering for a class, or sharing information with tenants and neighbors. Over 90% said they would recommend our service to others, sharing comments like "service was excellent" and "very happy with the information provided".

The Program also received 15 Garden Soil Lead Sampling Kit Feedback Forms, and 93% responded that they were "very satisfied" or "satisfied" with the service provided. Over 84% said that they had taken some action as a result of information obtained from the program, including remediation tactics and new approaches to lead-safe gardening. Every respondent said they would recommend the service to others.

A total number of 64 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.*

The new project funded by the Millennium Settlement is to increase screening by 30% over the next three years. This quarter, staff met with Alameda County Public Health Department Community Assessment Planning, Education and Evaluation (CAPE) Unit to discuss their involvement in mapping and analyzing local lead data. By mapping and analyzing current data, the Program will be able to develop customized outreach strategies for Alameda County medical providers and the community. The CAPE Unit has agreed to partner with ACLPPP and the project will start upon receipt of the Millennium Settlement funds from the County.



The Program has continued to provide support to the Alameda County Healthy Homes Alliance (ACHHA), an organization comprised of 18 local government and community based organizations which meets quarterly to increase healthy housing awareness in Alameda County.

The ACHHA met on September 30<sup>th</sup>, to discuss various topics including the initial findings of the online survey conducted by Community Energy Services Corporation. The preliminary report showed that surveyed members thought the meetings were a useful forum for government agencies and community based organizations to share knowledge of information about healthy homes protocols, capacity and issues, and networking. The ACHHA members agreed to merge the Pro-Active Rental Inspection subcommittee with the Alameda County Place Matters Housing Workgroup, which is led by the Alameda County Public Health Department.

Furthermore, the Program will continue to play a key role in hosting and coordinating the Get the Lead Out Bay Area Coalition of Lead Poisoning Prevention Leaders. The Coalition's mission is to eliminate lead exposures for all children especially those disproportionately affected by lead in environment by collaborating with organizations to create a unified voice that can educate, increase awareness and affect policy change. The Coalition held its general meeting twice this past quarter. As a result of work done by the Get the Lead Out Coalition Health Committee the *American Congress of Obstetricians and Gynecologists* published an article in their September newsletter recognizing the risk and the need for screening of pregnant women for lead poisoning. A link to the article entitled "Calling all Obstetricians: Can you help us "Get the Lead Out?" can be found on the Lead Program's website at [www.aclppp.org](http://www.aclppp.org) under *What's New*.

Additionally, the Coalition's Housing Committee is putting together a *Lead-Safe Work Tool Kit* for permit offices including information about the U.S. Environmental Protection Agency (EPA) Renovate, Repair, Paint (RRP) rule and California regulations relevant to code enforcement departments. The Coalition will be sending the kit to 300 building and planning departments through-out the greater Bay Area at the end of October during National Lead Poisoning Prevention Week.

### **Five Active Partnerships**

The Program has identified three organizations this quarter in an effort to incorporate lead and healthy homes messages into their work. The organizations identified are Community Child Care Council (4C's) of Alameda County, Oakland Housing Authority and Alameda Point Collaborative.

The 4C's offers free referrals to over 1,300 child care homes/centers in the south county region of Alameda County. This quarter, staff met with 4C's to discuss a project to expand the number of organizations in Alameda County that: 1) are aware of the risks of lead poisoning and benefits of healthy housing principles; 2) are maintaining facilities that are lead-safe and healthy and 3) are teaching their clients about the dangers of lead poisoning and principles of healthy housing. One activity of this project is to provide training to the childcare operators on lead prevention and healthy housing principles. Program services and materials for trainings will be offered to those sites who agree to conduct subsequent trainings to their parent groups. Presentations have been scheduled for the next quarter, and 4C's anticipates participation by 25-30 childcare operators.

The Program is also working with both the Leased Housing (Section 8) and Public Housing sections of the Oakland Housing Authority (OHA). OHA has increased its emphasis on addressing deteriorated paint in Section 8 units and the ACLPPP is providing assistance through training of OHA housing inspectors and development of lead-safety guidance for property owners. During the quarter the Program consulted with the Leased Housing section in support of increased emphasis on addressing deteriorated paint in Section 8 units and provided lead safety and lead regulation training to 15 OHA housing inspectors in July. The Program also participated in two panel forums for 167 Section 8 rental property owners to review the lead-based paint regulations in August and September as the new approach was implemented by OHA.

In Alameda, ACLPPP staff conducted a survey of parents at the Alameda Point Collaborative Back to School Fair event on August 22, 2011. The Alameda Point Collaborative is 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. Parents were asked a series of questions about their children's histories of lead testing and asthma.

A total of 18 households participated in the survey; 11 of the households have someone with a diagnosis of asthma. The parents of 20 of the 53 children were unsure of their child's blood lead level and eight households were interested in receiving the in-home Healthy Homes Project education and allergen reduction services. A plan to deliver ACLPPP services to the community is being developed with the help of the Alameda Point Collaborative.

### **Compliance with Lead Safety Standards**

The ACLPPP will work to promote compliance with lead safe work practices and lead safe housing standards by responding to complaints of unsafe renovations or unsafe conditions, promoting lead safety awareness through building permit offices, and promoting the correction of lead hazards by owners of high risk properties.

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.

In the cities of Alameda, Emeryville, and Oakland, staff may conduct a site visit, depending on the potential risk of exposure. Unsafe renovation calls will be 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.

The ACLPPP will follow-up on the feedback gleaned from the permit office survey to provide participating Permit Offices with the information, materials, and training they need to promote lead safety compliance.

### **Increase lead safety compliance**

#### **50 Unsafe Renovations Complaints**

A total of 25 new lead safety incidents occurred in the quarter with 15 incidents in Oakland, four in Alameda, two in Berkeley, and one in Emeryville. One incident each was reported in Albany, Hayward, and Pleasanton. Of these, seven have been resolved and 18 are still being monitored. For the Emeryville incident, the ACLPPP worked with the Community Preservation Officer of the City of Emeryville to monitor the clean-up and provide education to the renovator. One contractor got RRP Certified Renovator training. One property management firm requested and received pre-renovation on-site consultations for two other properties.

In September, the ACLPPP conducted its quarterly review of "old" incidents, those open for more than 90 days without resolution. Five properties were reviewed. Of these, one is an unsafe renovation carry-over from the prior review that the ACLPPP will continue to monitor as deteriorated paint remains at the property despite owner training and the intervention of the Neighborhood Law Corps. Two were owner-occupied, one of which an unsafe condition report referred to the ACLPPP by the Elmhurst Blight Committee. The ACLPPP offered in-home consultation and provided service information for City of Oakland housing rehabilitation programs and Rebuilding Together. One unsafe renovation incident was corrected by the owner but remains under monitoring pending the property owner completing RRP training in November. The final incident was a fire-restoration



project where minor issues related to construction debris were corrected and the property remains open to monitoring pending completion of re-construction work.

Two incidents from the prior review were closed this period with hazards corrected.

## **LEAD SAFE WORK PRACTICES TRAINING**

To assist in reducing exposure to lead to children, occupants, neighbors, and workers during renovation of pre-1978 buildings, the Program has provided lead-safe work practice classes. This class is the HUD/EPA-approved "Lead Safety for Remodeling, Repair, and Painting" class. The Program will promote this class to CSA property owners, property managers, and their maintenance crews. It will also be provided in collaboration with low-income serving community-based and faith-based organizations.

The Program will continue its collaborative working relationship with Laney Community College to assist Laney instructors train 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**

Two EPA Lead Certified Renovation, Repair and Painting (RRP) trainings were held in the city of Oakland this quarter for a total of 24 trainees. Eighteen trainees were CSA property owners (four rental owners, six owner-occupants, and eight who were both). Four were maintenance or property managers for CSA owners. Among the trainees were three City of Berkeley Housing Inspectors.

## **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 recent one-time allocation from the Millennium Holdings settlement 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 State Department of Public Health, and may not accurately reflect all children screened to date.*

### **One blood lead testing event**

No activity was conducted this quarter.

### **100 Alameda County Medical Providers**

This quarter staff scheduled a presentation to the pediatricians at Kaiser Permanente Oakland for the month of November and submitted an article in the Child Health and Disability Prevention Medical Provider Newsletter which will be distributed in the next quarter.

### **Representatives of Six Children's Organizations**

This quarter, staff conducted one train-the-trainer training at Thurgood Marshall Head Start in Oakland and scheduled a number of new venues for the subsequent quarters. Train-the-trainer trainings are offered to organizations serving at risk target populations, such as WIC, Head Start, schools, child care centers, special needs children's groups, and refugee centers. Presentation tools, resources and ongoing technical assistance will be provided to the sites where a train-the-trainer training has been conducted.

### **50 Medical Provider Sites**

This quarter, staff met with the Community Assessment Planning, Education and Evaluation (CAPE) Unit to discuss their involvement in mapping and analyzing local lead data to be used to develop outreach strategies to medical providers. The CAPE Unit supports the work of the Alameda County Public Health Department with information for public health surveillance, policy development, program guidance, and community development. The CAPE Unit has agreed to partner with ACLPPP and the project will start upon receipt of the Millennium Holdings Settlement funds from the County.

## **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.*

### **300 Lead Exposed Children**

This quarter, 94 children exposed to lead were newly identified and received one of three health promotion services: comprehensive nursing case management (11), lead poisoning consultations (14), or lead poisoning outreach and educational mailing (69).

### **Decrease Blood Lead Levels**

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

### **160 Blood Lead Level Reviews**

Blood lead levels obtained in 2009 will be reviewed quarterly until completed for the year 2009. This quarter, staff conducted 159 chart reviews on 2009 blood lead levels in the 5-9 mcg/dL range. Results indicate that 50% obtained follow-up testing as recommended. Of those, 93% had a decrease in blood lead, 1% had an increase, and 6% had no change. Next quarter chart reviews will be continued on the remaining 2009 charts that include blood lead levels in the 10-14 mcg/dL range.

## **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**

The Program strives to ensure that hazards identified by the Environmental Investigation are corrected within 90 days of owner notification.

Ten (10) cases were referred and eight (8) Environmental Investigations (EIs) were conducted this quarter; two others remain to be scheduled. The following types of lead sources were identified from EIs completed this quarter:

<b>1<sup>st</sup> Quarter</b>	<b>Property Based Lead Hazards</b>	<b>Non Property Based Lead Hazards</b>
Oakland	5*	1 * (take home/occupation)
Alameda	1	
Fremont		1 (travel abroad)
Union City		1 (cosmetic: surma)

\*One home had both property and non property based hazards and is listed in both columns. The non property based hazard was the likely source of the child's exposure to lead.

### **20 Hazardous Units**

This quarter, the ACLPPP provided technical assistance to eight 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.

Two cases involve properties where the ownership of the property has changed because the owner is now deceased or the property has gone into foreclosure. ACLPPP is working to ensure that potential new owners are provided information and assistance in addressing the hazards.

Two other cases involve homes where chickens are being raised in lead contaminated soil. The ACLPPP is in the process of researching the associated risks and regulations with Alameda County Environmental Health Department and the California Department of Public Health.

## Address Lead Hazards at Properties of Lead Exposed Children

### **50 Problem Properties**

This quarter, the ACLPPP followed-up with eleven owners of properties where a visual assessment during a site visit identified presumed lead hazards. The hazards are presumed lead based if paint is deteriorated on a pre-1978 property.

## **LEAD HAZARD CONTROL**

### **HUD Round 16 Grant**

On January 1, 2009, the Program began the three-year **Partnerships for Affordable Lead-Safe Housing** under a \$3 million grant from the U.S. Department of Housing and Urban Development. Under this grant, the ACLPPP and its partners committed to perform 285 risk assessment/paint inspections, complete lead hazard control in 200 housing units, increase education and awareness among property owners, tenants, and agency partners through 317 events, and provide lead-related skills trainings to 317 individuals.

The three-year HUD Round 16 Grant ends on December 31, 2011 and the reduced activities under lead risk assessment/paint inspection and lead hazard control units completed reflect projections for the completion of the grant in the first half of the fiscal year.

The ACLPPP is preparing to apply for the next round of lead hazard control funding, Round 19, by June 9<sup>th</sup>, 2011. The ACLPPP will request \$3.15 million for a three-year grant that includes \$150,000 for non-lead healthy housing interventions. The structure of the grant proposal is being developed but with major similarities to HUD Round 16.

### **Implement HUD Lead Hazard Control Grant**

#### **15 Risk Assessments**

The Program conducted lead risk assessment/paint inspections in 18 housing units this quarter for a grant to date total of 377 units.

#### **25 Lead Hazard Remediations**

This quarter the Program completed lead hazard control at 14 housing units for a total of 190 units completed over the life of the grant. These units were in nine different properties, reflecting the smaller projects one- to two-unit properties common to the grant.

Twenty-four units were under contract at the end of the quarter which, when completed, will exceed the overall grant objective of 200 units. Due to lower than estimated per-unit costs, the ACLPPP expects to approve several more projects as some funds remain available for lead hazard control work.

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.*

To date, six 6-month follow up visits have been conducted with Project participants. Overall the participants have rated Project services at 2.8 out of a maximum of 3. Participants have noted that children's asthma symptoms have decreased. Specific comments from participants include:

- “Yes thank you for helping families like ours and also for having people that can aide us diminish asthma symptoms. We can now protect our loved ones thanks to the information given.”
- “The information is very good it’s very helpful I am very satisfied and grateful.”
- "I am very satisfied with all the services I was offered and given. All the information given was also very helpful and the CEM's, thank you very much."

Project staff anticipates in the next quarter the results of the annual review of Project participants from Children’s Hospital and Research Center in Oakland. The results will provide objective data to verify reductions in asthma symptom severity, hospitalizations, and emergency department visits.

### **100 Visual Assessments**

During this quarter, 32 visual assessments were conducted. Project staff has conducted a total 122 assessments during the grant period, with a grant objective of 200 units assessed.

### **80 Housing Interventions**

A total of 35 housing interventions were conducted in clients’ homes during this quarter. The most common intervention was allergen reduction treatments followed by installation of exhaust fans in kitchens and bathrooms and minor plumbing leaks that contributed to mold growth. Project staff has ensured that a total of 92 interventions have been completed, with a grant objective of interventions completed in 150 housing.

### **Six Community Meetings**

Three Community Empowerment Meetings (CEM) were held during this quarter with a total of thirty-four attendees. All three meetings were held at the Cesar Chavez Branch Library at the Fruitvale Transit Village in Oakland. The topic at two of these meetings was community emergency preparedness. The presentation at these two meetings was conducted by Citizens of Oakland Respond to Emergencies (CORE). The CORE training covered a range of topics from emergency kit preparation to resources for emergency response. The third meeting offered a presentation by Mujeres Unidas y Activas, a local non-profit organization, with a double mission of promoting personal transformation and empowerment and building community power for social and economic justice.

## **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**

One “Essentials of Healthy Housing” class held during this quarter with 26 attendees. The class was held on August 4-5 at the office of the California Endowment in Oakland. The attendees came from a variety of Bay Area agencies and organizations including, but not limited to, the San Francisco Public Health Department, the Alameda Point Collaborative, San Mateo Environmental Health Department, and Napa County Public Health. Two attendees were from the private sector including a property restoration company and a property investment company. Notable organizations represented included the Oakland Housing Authority, the San Francisco Chinatown Community Development Center, and San Francisco Mayor’s office of Housing.



The NCHH courses use a standardized form from the National Center for Healthy Housing. Of the evaluations received for the August 4-5 course: 53% of students identified the course as "excellent" and 47% graded the course as "good". Fifty-eight percent of responding students said they would be able to incorporate the principles into their jobs right away. The ACLPPP instructor was rated at 4.9. This score is determined from a scale of 0 (Poor) to 5 (Excellent).

### **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.

Five families living in Oakland Housing Authority subsidized properties received Healthy Homes visual assessments and in-home education during this quarter. Also, services and materials were provided in Cantonese to assist a senior citizen living in Downtown Oakland. Three referrals are in process to the Healthy Homes Project for children with asthma. The most common complaint remains leaks and related mold growth. Generally, during the dry months of summer and fall, fewer referrals are received from OHA.

ACLPPP and OHA staff conducts regular conference calls to track the progress of repairs and maintenance completed by OHA maintenance staff per the recommendations of the ACLPPP inspector and to enable education 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.

## APPENDIX A

Activities by CSA City  
First Quarter Cumulative  
July 1, 2011 – September 30, 2011

<b>Activity</b>	<b>Alameda</b>	<b>Berkeley</b>	<b>Emeryville</b>	<b>Oakland</b>	<b>Out of CSA</b>	<b>TOTAL</b>
Lead & Healthy Homes Presentations & Classes				4		4
Lead Safe Work Practices & Renovation, Repair, Painting Trainings				2		2
In-Home Consultations	5	17		39		61
Garden Soil Lead Sampling Kits Distributed	11	22		42		75
Community Outreach Venues	1			2		3
Public Information Events	1	1		7	2	11
Individual Consultations	18	33	2	103	37	193
Unsafe Renovation Consultations	4	2	1	15	3	25
<b>TOTAL</b>	<b>40</b>	<b>75</b>	<b>3</b>	<b>214</b>	<b>42</b>	<b>374</b>

## APPENDIX B

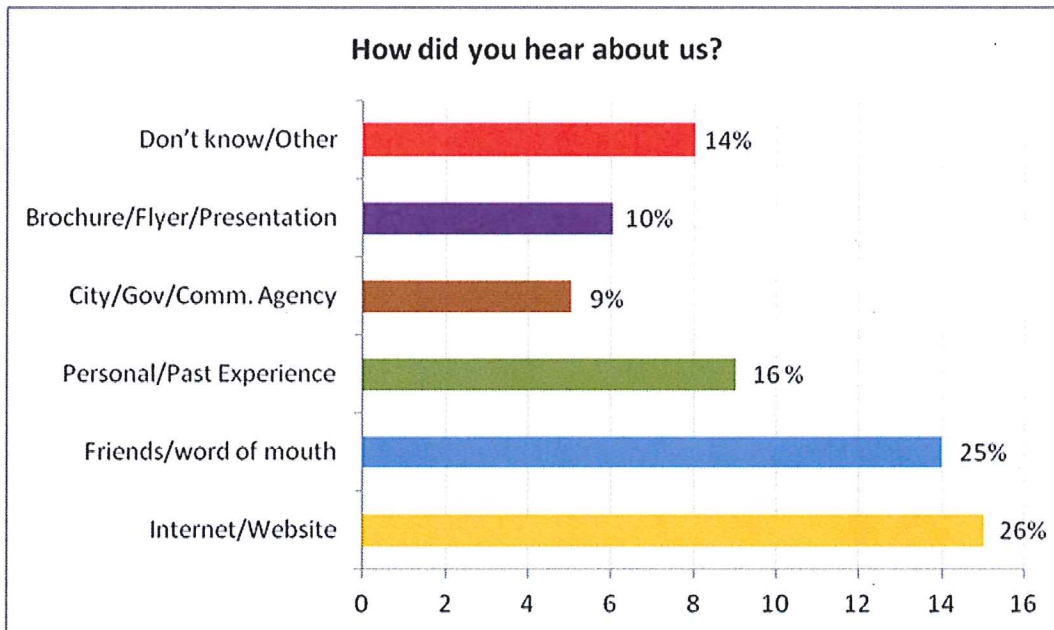
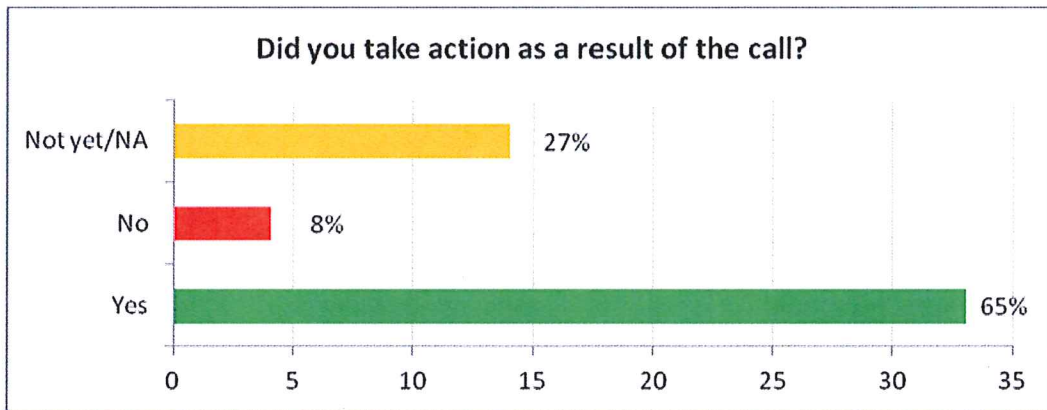
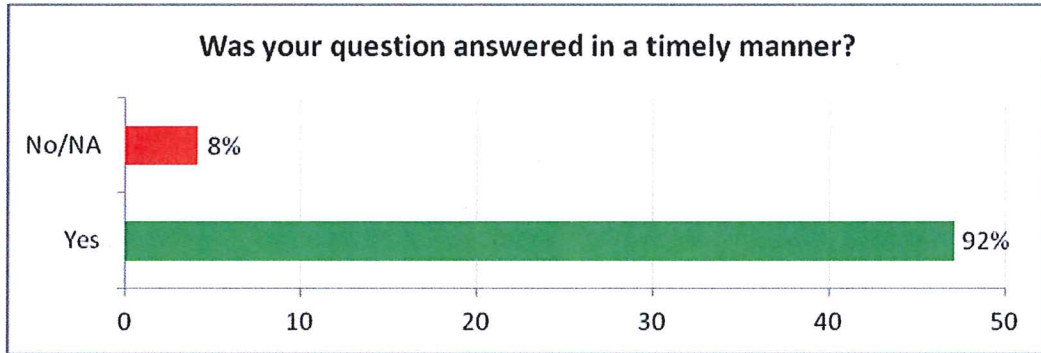
### Services Provided to Date Fiscal Year 2011-2012

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				3
Host 50,000 Website Visitors	50,000	7,802				7,802
10 Community Venues to Promote Lead & Healthy Housing Awareness	10	3				3
Conduct Four Targeted Mailings	4	1				1
Participate in 30 Public Education Events	30	11				11
Conduct Lead and Healthy Homes Presentations and Classes	48	4				4
Conduct 500 Individual Consultations	500	193				193
Perform 175 In-Home Consultations	175	61				61
Distribute 150 Garden Soil Lead Sampling Kits	150	75				75
Respond to 50 Unsafe Renovations Complaints	50	25				25
Conduct 11 LSWP & RRP Trainings	11	2				2
Review 20,250 Blood Lead Screening Reports	20,250	10,472 (Jan-June)				10,472
Provide Lead Education to 100 Medical Providers	100	--				--
Conduct 6 Train-the-Trainer Trainings	6	1				1
Conduct 50 Medical Provider Visits	50	--				--
Provide Services to 300 New Lead Exposed Children	300	94				94
Conduct 30 Environmental Investigations and Provide Technical Assistance to Property Owners	30	8				8
Conduct 20 property owner follow-up where an environmental investigation has identified lead hazards.	20	8				8
Review and Triage 50 Properties for Follow-up	50	11				11

Complete Lead Inspections in 15 Housing Units	15	18				18
Complete Lead Hazard Control in 25 Housing Units	25	14				14
Conduct 100 Healthy Homes Visual Assessments	100	32				32
Address Hazards in 80 Healthy Homes Units	80	35				35
Facilitate 6 Community Empowerment Model meetings	6	3				3
Conduct 4 Healthy Homes Trainings	4	1				1
Distribute 2,500 EPA Booklets	2,500	1,138				1,138

# APPENDIX C

## Information Line Feedback Results First Quarter FY 2011-2012 (July-September) (Total calls used = 51)



**Information Line Feedback Results (Continued)**

First Quarter FY 2011-2012 (July-September)

(Total calls used = 51)

