

**Lead Agency:** Health Department

**Program Contact:** WICKHAM Lila A

**Program Offer Type:** Existing Operating

**Related Programs:** 40037

**Program Characteristics:**

### Executive Summary

This program prevents childhood lead poisoning. Lead causes brain damage in children resulting in behavior, learning, and health problems that impacts their economic, academic and social future. The program administers a statewide LeadLine, providing information and referral in multiple languages and screens for lead levels in blood, environmental investigations, case management, advocacy for services and community education/outreach.

### Program Description

Multnomah County Environmental Health Services works collaboratively with the City of Portland lead partners and Oregon Health Authority to ensure continuity of care and early intervention for children at risk of lead poisoning. The Lead Program: 1) Educates parents, landlords, property owners, and contractors about lead exposure causes and effects, screening, and reducing home lead hazards; 2) Tests children and pregnant women for high blood lead levels; 3) Promotes lead screening in primary care clinics; 4) Provides investigation of high lead levels by an Environmental Health Specialist by conducting an in home assessment to identify causes and eliminate exposures to lead for children at high to moderate risk; 5) Provides the family with a lead remediation plan; 6) Tracks all lead screening results and all Elevated Blood Lead Levels (EBLL) to detect program trends/risks; 7) Screens for risk of lead exposure of low-income children in support of improving health equity; 8) Educates contractors and residents about new EPA lead-based paint rules, and 9) Provides education and outreach to medical providers and community.

The lead poisoning prevention program continues to increase its focus on outreach and education services targeting the most vulnerable populations. Leadline provides targeted prevention messaging and advocacy for rigorous policy initiatives. This program offer relies almost exclusively on grants and contracts. Electronic newsletter distributed to community and providers quarterly. Children who have lead poisoning can develop significant brain damage and learning disabilities, impacting normal growth and development and reducing their ability to function in school, at home and develop into a healthy adult. There are an estimated 10,000 older homes with possible exposure risk of leaded paint in Multnomah County that house children 6 years old and younger. The Lead Poisoning Prevention Program identifies and helps residents reduce exposure to the environmental hazards of lead and promote safe housing conditions. Medicaid reimbursement for Lead Investigations began July 2010.

### Performance Measures

Measure Type	Primary Measure	Previous Year Actual (FY10-11)	Current Year Purchased (FY11-12)	Current Year Estimate (FY11-12)	Next Year Offer (FY12-13)
Output	Total # of children screened by MCHD primary care and immunization providers	3,428	4,000	3,000	3,000
Outcome	Total # of successfully identified children with EBLLs*	36	40	18	25
Output	# of community members receiving information on lead prevention**	10,719	14,000	6,386	7,000
Quality	%home investigations where lead exposure risk hazards/factors are identified***	100.0%	95.0%	100.0%	95.0%

### Performance Measure - Description

\*Children screened: Counts lead screening services provided by Multnomah County Health Department care providers, immunization unit and MCHD outreach testing (expanded service).

\*\*Children with EBLL: Elevated Blood Lead Levels (EBLL) identified by any health care provider within Multnomah County. EBLL investigation criteria changed from 15 mg/dl to 10 mg/dl. Health Department proactively began investigating children with lead levels over 5 mg/dl in FY 2011. Intervening at a lower lead level should prevent more severe cases.

\*\*\*Community Information: Measure to quantify reach of program through phone counseling, referral, educational materials, website and community events. Our web hit estimates may have been less than accurate due to problems with Google Analytics. This year's projection is more conservative.

\*\*\*\*Percentage of home investigations with identified contributing factors for lead source. Lead hazards have been identified and/or the house has been deemed to be free from lead hazards as demonstrated by a reduction in blood lead level Program goal is 95%.

## Legal/Contractual Obligation

Legal mandates are City of Portland codes 8.20.210 (Maintenance of Health Hazard not Permitted); 8.20.200 (Notice of Unsanitary or Unhealthful Condition of Premises to be Given and Posted – Unlawful to Remove); 29.30.110 (interior walls, floors, and ceilings); 29.30.060 (exterior walls and exposed surfaces); Some activities under this program offer are subject to contractual obligations under Inter-Governmental Agreement #0607105.

## Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
<b>Program Expenses</b>	2012	2012	2013	2013
Personnel	\$0	\$122,751	\$0	\$112,688
Contracts	\$0	\$2,370	\$2,370	\$0
Materials & Supplies	\$10,101	\$1,243	\$6,943	\$0
Internal Services	\$11,289	\$11,436	\$11,788	\$24,312
Total GF/non-GF:	<b>\$21,390</b>	<b>\$137,800</b>	<b>\$21,101</b>	<b>\$137,000</b>
Program Total:	<b>\$159,190</b>		<b>\$158,101</b>	
Program FTE	0.00	0.90	0.00	0.90
<b>Program Revenues</b>				
Indirect for dep't Admin	\$8,235	\$0	\$8,497	\$0
Fees, Permits & Charges	\$0	\$800	\$0	\$0
Intergovernmental	\$0	\$137,000	\$0	\$137,000
<b>Total Revenue:</b>	<b>\$8,235</b>	<b>\$137,800</b>	<b>\$8,497</b>	<b>\$137,000</b>

## Explanation of Revenues

City of Portland Leadline grant: \$135,000  
State Leadline grant: \$2,000  
County General Fund: \$21,101

## Significant Program Changes

**Last year this program was:** #40015, Lead Poisoning Prevention

- 1) There was a significant increase in the education and outreach associated with this change in action level. This increased workload is reflected in the output measure of community members receiving information about lead poisoning prevention. Partnering with WIC and Head Starts to target at risk populations has generated more interest and screening.
- 2) The MC Leadline program began investigating children with lead levels at five to be proactive and intervene to eliminate sources of lead in the home. Although the official action level for dangerous blood level remains at 10, the CDC Lead Poisoning advisory committee has recommended the action level be lowered to five because this level is deemed as dangerous for children 6 and under as well as the unborn. We believe that by intervening at lead levels of five, we will reduce the number of cases that develop higher levels of 10 and above. We are beginning to see this trend in Multnomah County since we started investigating lead levels of 5+.
- 3) Improvements in telephone systems and websites have increased efficiency in responding to calls and generating community interest.