

Lead Agency: Health Department

Program Contact: WICKHAM Lila A

Program Offer Type: Existing Operating

Related Programs: 40007, 40008, 40015

Program Characteristics: Climate Action Plan

Executive Summary

Supports community housing interventions and development of environmental health policy recommendations that reduce health disparities exacerbated by negative and disparate exposure to environmental, social and economic factors. The housing program's focus on vulnerable families living in substandard housing to reduce: asthma triggers, exposure to household mold, toxins, vectors and lead paint through family/home assessments and housing inspections. The program addresses emerging environmental health issues. Strategies include education, advocacy, policy analysis, information & referral, and community organizing to build community capacity. Focus areas include health impacts of global climate change, toxic exposures, indoor air quality, transportation, bedbugs, and the built environment. The program will pilot the integration and analysis of the health equity lens in the policy analysis process. The emerging public concern and associated social and economic impacts of bedbug infestations call out for a response coordinated through public health.

Program Description

The program supports the root causes of health disparities through chronic disease prevention by improving the health and livability of the home and addressing environmentally related health concerns. Healthy Home Priorities: 1) Provide home based environmental and medical assessment/interventions for high risk asthmatic children; 2) Consult with medical providers; 3) Create partnerships between landlords and tenants; 4) Provide environmental assessments and interventions for children and families whose health is impacted by their home environment; 5) Address substandard housing complaints in unincorporated areas and 6) Provide home environmental assessments for sick children and improve housing conditions. Housing Education Priorities: 1) Conduct community-based training related to mold, indoor air quality, hazards, toxins and safety; 2) Integrate environmental health risk reduction with other MCHD initiatives. The Healthy Homes asthma intervention has been shown to improve asthma control resulting in reduced emergency department visits and improved conditions of home environment. Environmental Health Education: 1) Conduct education and outreach related to global climate change, toxics exposure, indoor air quality, bedbugs and the built environment; 2) Provide environmental health education related to housing, diseases transmitted from animals to humans (vector borne disease), and food borne illness. Environmental Health Policy Analysis: 1) Coordinate implementation of the Climate Action Plan (CAP) action items; 2) Participate in the CAP revision steering committee; 3) Integrate environmental health risk reduction with other Health Departments and County-wide initiatives; 4) Work in collaboration with County Commissioners, Health Department leadership and State officials to address bedbugs as an emerging issue. Environmental Health Advocacy: 1) Participate in committees that address health disparities and environmental justice; 2) Provide remediation services related to health and housing; 3) Coordinate stakeholder work groups to provide recommendations on emerging toxic-free policies. This program offer relates to the Climate Action Plan for its overall coordination of implementation of the CAP within MCHD, and specifically for items 14-1, 14-2, 5-7, and for technical expertise and coordination on 17-1, 17-2, and 17-3 related to a CDC State grant on conducting public health hazard vulnerability assessments with priority climate change indicators.

Performance Measures

| Measure Type | Primary Measure | Previous Year Actual (FY09-10) | Current Year Purchased (FY10-11) | Current Year Estimate (FY10-11) | Next Year Offer (FY11-12) |
|--------------|---|--------------------------------|----------------------------------|---------------------------------|---------------------------|
| Output | # of families receiving environmental home inspection from any HH programs | 0 | 180 | 200 | 225 |
| Outcome | Emergency Dept & hospitalization costs averted | 124,214 | 149,056 | 149,056 | 161,874 |
| Outcome | Dollars leveraged | 587,666 | 444,773 | 491,664 | 573,696 |
| Output | Community Coalition recommendations adopted related to Bedbug interventions | 0 | 0 | 0 | 12 |

Performance Measure - Description

 **Measure Changed**

Output: total # of homes receiving home environmental assessments through the Healthy Homes, AIR and CAIR programs has shifted between programs and increased with the advent of CAIR. Outcome: Savings are estimated from ER and hospitalization data and costs averted. Outcome: Measures include the total sum of dollars leveraged in housing program grants by MCEH and revenue acquired through Targeted Case Management billing. Output: # of recommendations developed & adopted by Bedbug Community Coalition.

Legal/Contractual Obligation

Some activities under this program offer are subject to contractual obligations under the HUD Healthy Homes Demonstration Grant #ORRLHH029-09, the DMAP Healthy Homes State Health Plan Amendment and the PHB CAIR contract.

Revenue/Expense Detail

| | Proposed General Fund | Proposed Other Funds | Proposed General Fund | Proposed Other Funds |
|--------------------------|-----------------------|----------------------|-----------------------|----------------------|
| Program Expenses | 2011 | 2011 | 2012 | 2012 |
| Personnel | \$438,773 | \$211,446 | \$492,720 | \$340,149 |
| Contracts | \$7,450 | \$149,520 | \$78,400 | \$108,217 |
| Materials & Supplies | \$33,978 | \$60,328 | \$34,647 | \$107,313 |
| Internal Services | \$68,361 | \$39,603 | \$39,459 | \$110,253 |
| Total GF/non-GF: | \$548,562 | \$460,897 | \$645,226 | \$665,932 |
| Program Total: | \$1,009,459 | | \$1,311,158 | |
| Program FTE | 4.73 | 1.85 | 4.97 | 3.88 |
| Program Revenues | | | | |
| Indirect for dep't Admin | \$27,408 | \$0 | \$39,795 | \$0 |
| Fees, Permits & Charges | \$0 | \$0 | \$0 | \$215,040 |
| Intergovernmental | \$0 | \$460,897 | \$0 | \$450,892 |
| Total Revenue: | \$27,408 | \$460,897 | \$39,795 | \$665,932 |

Explanation of Revenues

In July 2010, DMAP approved Healthy Homes targeted case management at a reimbursement rate of \$336 per home visit with an estimated annual revenue amount of \$215,040.

The HUD Healthy Homes Demonstration Grant funds the CAIR grant and will provide \$299,700 in grant funding for the 2012 budget. In addition the Portland Housing Bureau will support the CAIR program with a \$34,922 per year contract. The County has an in-kind match obligation of \$96,643 to support this grant.

A \$15,000 state climate change grant is expected, as well as a Portland Housing Bureau Healthy Homes grant of \$78,556. The Program also receives \$22,714 in state funds to provide service to public water systems that result in reduced health risks, monitoring and compliance.

Significant Program Changes

✔ Significantly Changed

Last year this program was: #40037, Community Environmental Health

Environmental Health will support leadership in coordinating community efforts to address bedbugs as an emerging issue. Additionally, Environmental Health will operate the new Medicaid Healthy Homes Targeted Case Management program. This new service provides case management and environmental assessments for children diagnosed with asthma and elevated blood lead levels. As a result of these changes, general fund and Medicaid reimbursement will increase by \$302,000 and FTE will increase by 2.27.