



Lead Exposure Elimination Innovation Grant-Lead Education and Testing for Pregnant Women

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Project Description



- The goal of the project is to increase lead education and screenings among pregnant women who are participating in existing programs and link eligible women to lead inspection, Healthy Homes Assessments, and abatement resources.
- This project will develop educational materials, a screening tool for home visitors, in addition to utilizing current CLPPP materials and collaborating with the Region 10 education and outreach grantee.

Inputs	Activities	Outputs	Outcomes	Impacts
<p><u>Inputs</u></p> <p><u>Resources</u> Educational materials Nurse screening tools LSHP application</p> <p><u>Staff and Equipment</u> Lead Advocate Cleaning Kits Lead Screening Materials Computer Phone MiCHWA training</p> <p><u>Database/sources</u> HHLPSS Referral tracking System</p> <p><u>Technical Support</u> MDHHS Lead Program</p> <p><u>Partners</u> WIC Sister Friends 961 BABY Nurse-Family Partnership MDHHS Education and Outreach Grantee Lead Safe Detroit</p>	<p><u>Activities</u></p> <p><u>Direct Services</u></p> <ul style="list-style-type: none"> Administer lead screenings Distribute LSHP application Conduct home visits and facilitate cleaning demonstrations Link women to lead inspection, Health Homes and abatement resources <p><u>Education and Awareness</u></p> <ul style="list-style-type: none"> Develop educational materials for WIC, Sister Friends, 961 BABY and Nurse-Family Partnership Develop screening tool for 961 BABY Develop screening tool for Nurse-Family Partnership Educate women at WIC centers and during Sister Friend events <p><u>Partnership</u></p> <ul style="list-style-type: none"> 360 referral process between all four program: WIC, Sister Friends, 961 BABY, and Nurse-Family Partnership Leverage Lead Safe Detroit Partnership to monitor efforts 	<p><u>Outputs</u></p> <p><u>Direct Services</u></p> <ul style="list-style-type: none"> Number women screened Number of LSHP applications completed Number of LSHP applications approved. Number of home visits conducted Number of cleaning demonstrations and kits distributed Number of referrals for lead inspection <p><u>Education and Training</u></p> <ul style="list-style-type: none"> Number of education in-services provided <p><u>Partnership</u></p> <ul style="list-style-type: none"> Number of abatement or interim controls completed as a result of effort Number of referrals made to participating programs as a result of effort 	<p><u>Outcomes</u></p> <p>100 pregnant women screened</p> <p>100 LSHP applications will be distributed</p> <p>100% of women screened received information about potential lead hazards and risk of exposure to pregnant women</p> <p>100% of pregnant women with EBL linked to lead program case management</p> <p>100% of children less than six of pregnant women with EBL tested</p>	<p><u>Impact</u></p> <p>Increase utilization of available DHD health services</p> <p>Increase the number of lead safe homes in Detroit</p> <p>Improve health outcomes for pregnant women, infants, and children</p> <p>Reduce health disparities and health inequities</p> <p>Strengthen community partnerships</p>

Objectives



- **Project SMART Objective 1:** *One year from project start date, screen at least 100 women for lead exposure.*
- **Project SMART Objective 2:** *One year from project start date, increase linkage and coordination with participating programs and other community partners.*

Direct Services



- Administer capillary lead tests
- Distribute LSHP application
- Conduct home visits and facilitate cleaning demonstrations
- Link women to lead inspection, Healthy Homes and abatement resources

Education & Awareness



- Develop educational materials for WIC, Sister Friends, 961 BABY and Nurse-Family Partnership
- Develop screening tool for 961 BABY
- Develop screening tool for Nurse-Family Partnership
- Educate women at WIC centers and during Sister Friend events

Education & Awareness



- Lead Education Presentations
 - Maternal & Child Environmental Health CoIN Learning Session 2
 - American Indian Health and Family Services
 - Local CPS sites
 - Safe Sleep
 - Breastfeeding 101
 - Sister Friends
 - Wayne Home Visiting Local Leadership Group
 - Nursing students
 - Health Resource Fairs
 - Community Baby Showers

Partnerships



- 360 referral process between all four program: WIC, Sister Friends, 961 BABY, and Nurse-Family Partnership
- Leverage Lead Safe Detroit Partnership to monitor efforts

Partnership



- Detroit Health Department
- Black Mothers' Breastfeeding Association (BMBFA)
- WIC Program
- Women Inspired Neighborhood Network/ Group Prenatal Care
- Brilliant Detroit
- Nurse Family Partnership

Expected Outcomes



- Test 100 pregnant women
- Distribute 100 LSHP applications
- 100% of women screened received information about potential lead hazards and risk of exposure to pregnant women
- 100% of pregnant women with EBL linked to lead program case management
- 100% of children less than age six of pregnant women with EBL tested

Outcomes

- Tested 136 pregnant women in City of Detroit
 - 2 EBLLs
- Distributed 100 Lead Safe Home Applications
 - 0 LSHP application were approved
- Completed 8 home visits
- 8 Cleaning kits delivered
- 22 in-service trainings conducted
- Established internal referral process
 - 8 referrals made to WIC
 - 4 referrals made to 961 Baby
 - 1 referral made to Safe Sleep



Challenges

- Initiating the project
- Canceled home visits
- Distributing LSHP Applications
- Lack of established process for communication with providers.
- ACOG & CDC recommendations



Opportunities



- Strengthen internal referral processes
- Engaging additional community partners to provide lead education and awareness
- Continue to engage with additional home visiting programs servicing pregnant women

Questions?

