



Child Lead Exposure Elimination Grant- Testing in Head Start Centers

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Description



- The Head Start Integration Project packages maternal and child health programs and delivers age-appropriate educational content and services to children and parents using an integrated approach.
 - Education and Outreach
 - Service Delivery
 - Referrals and Linkages to additional services
 - Project Coordinator, Service Integration Specialists, and Coordinating Team (DHD Maternal and Child Health Programs, participating Head Start centers and external agencies)

Inputs	Activities	Outputs	Outcomes	Impacts
<p><u>Resources</u> Financial support Participating Head Starts DHD Mobile Unit Program educational materials Satisfaction assessment</p> <p><u>Staff and Equipment</u> Lead screening materials Consent form(s) Medicaid outreach expert Nurse - (immunizations) 2 trained Service Integration Specialists Vision and Hearing screening equipment</p> <p><u>Database/sources</u> (EMR/secure cloud storage) MIWIC, MCIR, CHAMPS, HHLPS Technical Support Policies/ procedures Partnership agreements</p> <p><u>Partners</u> Healthy Start Centers Oral Health) Wayne CHAP MIHP Infant Behavioral health specialist ClearCorps Detroit Housing Revitalization Department</p>	<p><u>Direct Services</u></p> <ul style="list-style-type: none"> Administer lead screenings and other maternal and child health services Look up current WIC information to offer WIC services <p><u>Education and Training</u></p> <ul style="list-style-type: none"> Attend early head start and head start parent meetings to provide education on lead prevention and other MCH services Provide education to children prior to receiving services <p><u>Partnership and Linkages</u></p> <ul style="list-style-type: none"> Provide linkages to case management and abatement resources provide linkages for other maternal and child health services Ensure non-duplication of services among partners Explore and engage relevant services and partnership as a result of parent feedback Hold partnership engagement discussion at least quarterly 	<p><u>Direct Services</u></p> <p>Number of children lead screened Number of children who received other services Number of parents to receive information WIC eligibility and enrollment</p> <p><u>Education and Training</u></p> <p>Number of parent meetings attended Number of parents in attendance Percent of parents satisfied with information provided Percent of parents who found the information valuable</p> <p><u>Partnership and Linkages</u></p> <p>Data Sharing Agreement Number of services modified on referral form Number and percentage of parents referred to other services by service type Number of partnership meetings held Number of organizations in attendance</p>	<p>1600 children between 0-5 educated and /or screened for lead</p> <p>Increase lead screening rates in participating head start centers by 20%</p> <p>100% of children identified with EBL linked to lead case management and abatement services</p> <p>100% of parents enrolled in participating head start centers received information about lead prevention and resources</p> <p>80% of parents attending parent meetings satisfied with the information presented</p>	<p>Improve utilization of available maternal and child health services</p> <p>Improve health outcomes for children and families</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, increase lead screening rates among children enrolled in Head Start and Early Head Starts by 20%*
- **Project SMART Objective 2:** *One year from project start date, 100% of children and parents received information lead prevention.*
- **Project SMART Objective 3:** *One year from project start date, 100% of eligible families linked to case management and lead abatement services.*

Activities



Direct Services

- Administer lead screenings and other maternal and child health services
- Look up current WIC information to offer WIC services

Education and Training

- Attend early head start and head start parent meetings to provide education on lead prevention and other MCH services
- Provide education to children prior to receiving services

Partnership and Linkages

- Provide linkages to case management and abatement resources
- provide linkages for other maternal and child health services
- Ensure non-duplication of services among partners
- Explore and engage relevant services and partnership as a result of parent feedback
- Hold partnership engagement discussion at least quarterly

Expected Outcomes



- 1600 children between 0-5 educated and /or screened for lead
- Increase lead screening rates in participating head start centers by 20%
- 100% of children identified with EBL linked to lead case management and abatement services
- 100% of parents enrolled in participating head start centers received information about lead prevention and resources
- 80% of parents attending parent meetings satisfied with the information presented

Measurements



- Direct Services
 - Number of children lead screened
 - Number of children who received other services
 - Number of parents to receive information WIC eligibility and enrollment
- Education and Training
 - Number of parent meetings attended
 - Number of parents in attendance
 - Percent of parents satisfied with information provided
 - Percent of parents who found the information valuable
- Partnership and Linkages
 - Data Sharing Agreement
 - Number of services modified on referral form
 - Number and percentage of parents referred to other services by service type
 - Number of partnership meetings held
 - Number of organizations in attendance

Evaluation



- 1,274 students received lead education
- 521 children tested for lead
- 27 children had an elevated blood lead level
 - 16 children received follow up
 - 4 received lead case management services previously
 - 2 children moved outside of the City of Detroit
 - 5 children were contacted for follow up outside of our protocol timeline
- 7 received venous confirmatory testing
 - 3 had an ebl ≥ 4.5 mcg/dL

Barriers



- Constant communication and follow up with Head Start centers
- Inconsistent reporting of center needs
- Incomplete consent forms
 - Low participation compared to testing needs
- Need additional staff support from centers during testing day
- Short window to test children
 - Centers preferred testing to be completed before lunch/nap time
- Paperwork
 - Documentation of lead tests including notifying MDHHS
- Coordination with internal DHD program
 - Immunizations

Successes



- Centers very appreciative of services
 - Many parents not in compliance with lead testing requirements
- Identified children with elevated blood lead levels
- Educated students, staff members and parents
 - Lead
 - Nutrition
 - Hand-washing
 - Exercise
- Service delivery
- Tested in 37 centers
- Every parent received health resources
- Partnerships
 - Starfish
 - Matrix
 - New St. Paul
 - Renaissance
 - United Children and Families
- Children were very excited about their DHD key chains

Questions

