Healthy Homes
Coalition of West Michigan

Child Lead Exposure Elimination Innovation Grant - 2018

Infant/Toddler Home Screening Project

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Project Description

• **WHAT**: Environmental tool designed as a *primary prevention* strategy to identify those at-risk.

• **WHERE**: Target areas were three of west Michigan’s most heavily impacted zip codes: 49503, 40504, 49507.

• **HOW**: Screening tool deployed by home visiting programs with established relationships with families in target areas.

• **WHY**: Reduce young children’s exposure to environmental lead and lead hazards.
Project Work Plan

• Train partner organizations’ staff to use environmental tool.
• Screen 100 homes through project partner staff.
• Screen 100 homes through DIY tool access (self-report).
• In-depth intervention for 20 households (HHC/LHC services).
• Comprehensive evaluation report on process improvement, limited screening tool validation, scalability, and replication.
Objective 1: Program Design

EXPECTED OUTCOME

• Design Standard Operating Procedure (SOP) and flowchart for home visiting / health support programming.

ACTUAL OUTCOME

• 1 SOP designed.
• 3 flowcharts designed (1 revised later).
Objective 2: Train Home Visiting Staff

EXPECTED OUTCOME
• Train 10 staff in basic awareness, referral, and screening tool use.

ACTUAL OUTCOME
• Training delivered to 70 staff (home visitors, Head Start teachers, peer educators).
• Before/after survey created to assess trainee awareness and confidence in tool use.
Objective 3: Conduct home screenings, basic awareness education

EXPECTED OUTCOME

• Home visitors screen 100 homes using environmental tool.

ACTUAL OUTCOME

• 206 homes assessed.
SCREENING COMPLETIONS

October 2018  
8

December 2018  
4

March 2019  
5  Family Futures reaches capacity

June 2019  
34  Head Start first training, Campfire 4-C, Peer Ed

August 2019  
155  Head Start second training, Peer Ed continues
Objective 4: Promote do-it-yourself home screenings

EXPECTED OUTCOME
• 100 families submit voluntary DIY home screenings

ACTUAL OUTCOME
• One DIY Environmental tool, complete with images, drafted.
• Educational materials created.
• Project suspended.
Objective 5: Provide increased support

EXPECTED OUTCOME

• 20 identified high-risk homes accept intensive services.
• 20 homes complete intensive services, including connections to LHC.

ACTUAL OUTCOME

• 14 high-risk homes identified.
• 3 homes recruited for in depth intervention services with comprehensive services provided.
• No families successfully navigated to LHC services.
Objective 6: Comprehensive program evaluation

**EXPECTED OUTCOME**

- Opportunities for process improvement.
- Limited validation of screening tool.
- Opportunities for scaling and replication.

**ACTUAL OUTCOME**

- Opportunities for process improvement were identified.
- Very limited tool validation. More robust validation needed.
- Healthy Homes Coalition staff pursuing scaling and replication opportunities (millage, RWJF)
Evaluation Contract for
Infant/Toddler Home Screening Project

Prepared for the
Healthy Homes Coalition
by
Cheryl Endres
Prepared by Cheryl Endres
2017/18
Project Reflection: What Didn’t Work So Well

- Only getting Executive-level buy-in.
- Getting commitments to “healthy housing” beyond lead hazards.
- Using technology for data collection and/or data transfer.
- Development of the DIY screener: too much information to communicate efficiently.
- Late completion of screenings compromised ability to serve families and connect them with lead hazard control.
Project Reflection: 
*What Worked Well*

- Getting buy-in at all levels within partner organizations.
- Using flow charts to discuss process repetitively and clearly.
- Willingness to pick-up hard copies of screening results from sites and do data compilation at Healthy Homes.
- Advance planning so that many staff can be trained, deployed.
- Relationships.
- Opportunities for scaling and replication (millage, RWJF).
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