



Healthy Homes

Coalition of West Michigan

Child Lead Exposure Elimination Innovation Grant - 2018

Infant/Toddler Home Screening Project

Hannah Gilliam
Project Manager

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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

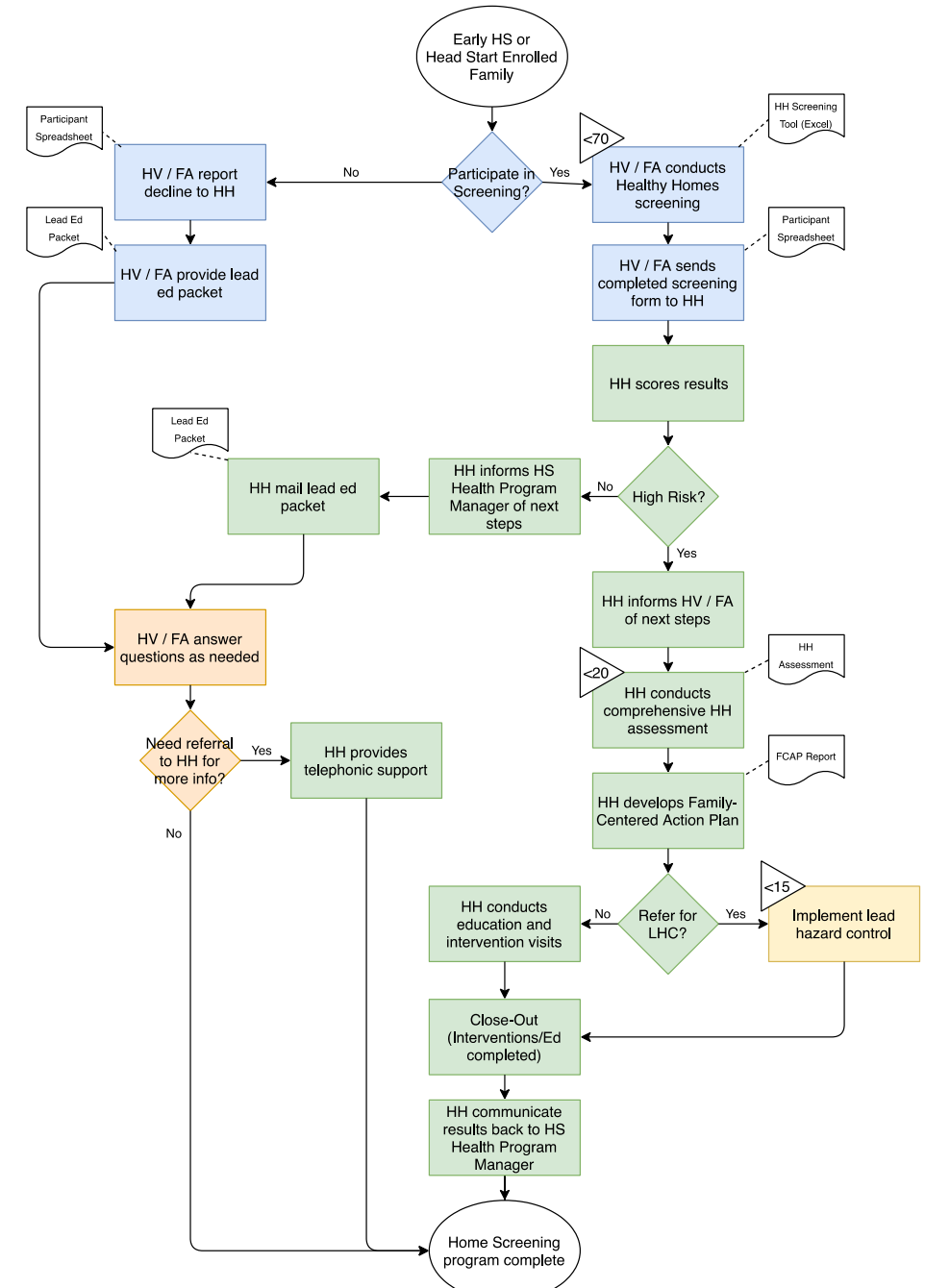
EXPECTED OUTCOME

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

ACTUAL OUTCOME

- 1 SOP designed.
- 3 flowcharts designed (1 revised later).

CLEEC HS Home Screening Flow Chart



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

10/2/19
Prepared by Cheryl Endres

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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