

# Child Lead Exposure Elimination: Innovations Grant End of Project Presentation

8/5/19



HEALTH DIVISION

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# 2018/19 Grant Wrap-Up

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# Grant Workplan Successes

*By September 1, 2018, convene a Lead Prevention Ad Hoc Partnership to oversee screening and education initiatives.*

# Grant Workplan Successes

- 32 people were in attendance for the first meeting, held on September 18, 2018.
- Four meetings were held during the grant period.
- Many partners in our meetings are involved in other efforts such as ECHO.
- Many behind the scenes meetings:
  - 18 Lead Core Group meetings with 18 different people.
  - Another 22 smaller Lead Planning meetings with seven different people.

# Grant Workplan Successes

*By June 30, 2019, provide resources, training, and technical assistance to five physician organizations in Oakland County to increase the number of children screened for Lead.*

# Grant Workplan Successes

- A draft toolkit outline was created with feedback on which items were most/least necessary
- Oakland County Health Division (OCHD) Physician Toolkit has been placed online and printed for distribution to augment MDHHS toolkit.
- MDHHS Toolkit has been added to OCHD website.

# Grant Workplan Successes

- Total of 75 physician toolkits handed out to physician offices and other providers.
- MDHHS toolkits and augmented toolkits have been distributed to 19 of organizations and physician offices.
- Five Toolkit trainings were held for a total of 22 attendees:
  - one physician association
  - one external WIC office
  - three individual physician offices

# Grant Workplan Successes

Thanks to funding from Michigan's Child Lead Exposure Elimination Commission, Oakland County Health Division was able to develop toolkits for both physicians and municipalities that help increase lead prevention awareness and provide resources in one location.

On our [Childhood Lead Poisoning Prevention Program](#) page, there is information for physicians including [action steps based upon a child's Blood Lead Level](#) and [lead poisoning diagnostic and treatment guidelines](#). There is also the [Lead-Safe Practices Toolkit](#) for municipalities.

Please share these resources with anyone who may benefit.

Thanks

Shane



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**From:** Leslie Ver Duin <[lverduin@miottawa.org](mailto:lverduin@miottawa.org)>  
**Sent:** Tuesday, July 30, 2019 8:00 AM  
**To:** Bies, Shane F <[bies@oakgov.com](mailto:bies@oakgov.com)>  
**Subject:** RE: Childhood Lead Poisoning Prevention Program Toolkits

Thank you for sharing, Shane! Great use of their grant – nice work!

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# Grant Workplan Successes

*By December 1, 2018, implement programs in targeted populations to raise the screening percentage of Medicaid insured children to 100% and identify high-risk areas for lead poisoning in Oakland County.*

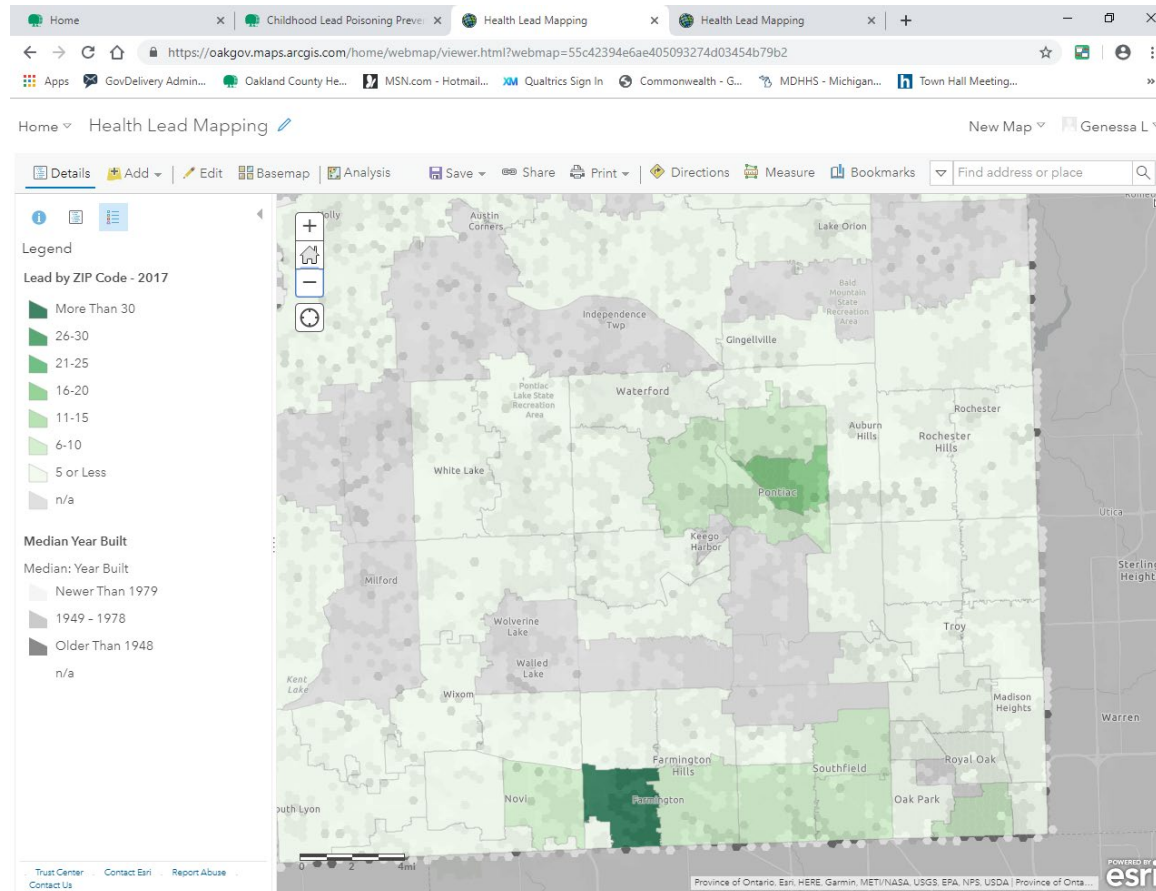
# Grant Workplan Successes

- WIC screening for children under 6 years from 9/9/18 through 5/31/19:
  - 650 kids were screened
  - 23 had an initial capillary result of 5 microgram/deciliter or greater
  - 2 had an elevated level after confirmatory testing

# Grant Workplan Successes

- Developed procedures and standing orders for testing children in our Community and Clinic Nursing Services.
- Interactive GIS Map with environmental risks and test results developed.
- Provided water and soil lead testing for children with venous confirmed lead levels of 10  $\mu\text{g}/\text{dL}$  or higher:
  - 61 water samples tested at 5 different addresses.
  - 63 soil samples tested at 8 different addresses.

# Interactive GIS Map



<https://oakgov.maps.arcgis.com/home/webmap/viewer.html?webmap=55c42394e6ae405093274d03454b79b2>

# Grant Workplan Successes

*By March 1, 2019, develop a Lead Poisoning Prevention Toolkit for cities, villages, and townships (CVTs) in Oakland County that need assistance dealing with lead hazards in their community.*

# Grant Workplan Successes

- Lead Poisoning Prevention Toolkit for CVTs completed May 2019
  - Distribution plan for 972 toolkits and 3,660 educational items to all 61 CVTs is being finalized.
  - Electronic toolkit has been posted on website and is being shared with MDHHS all 45 LHDs electronically.

# Website

The screenshot shows a web browser window displaying the Oakland County Health website. The page title is "Childhood Lead Poisoning Prevention Program". The navigation menu includes "Health", "About", "Services", "Health A-Z", "Partnerships", "News & Info", and "Register". The "Services" sidebar lists various health services, with "Childhood Lead Poisoning Prevention Program" selected. The main content area provides information about the program, including a description of lead poisoning, the testing process, and a list of professionals involved (Nurses, Sanitarians, Nutritionists). It also features a "Related Links" section with buttons for "Lead Poisoning in Children", "Lead and Drinking Water", "Reducing Lead Paint in the Home", and "Childhood Lead Exposure Infographic". The "Additional Info" section lists toolkits for "Lead-Free Michigan", "Oakland County Physician", and "Cities, Villages and Townships (CVTs)". Social media icons for Facebook, Twitter, LinkedIn, and Email are visible on the right side of the page.

Home | Childhood Lead Poisoning Preve... | +

https://www.oakgov.com/health/services/Pages/childhood-lead-poisoning-prevention-program.aspx

Apps | GovDelivery Admin... | Oakland County He... | MSN.com - Hotmail... | Qualtrics Sign In | Commonwealth - G... | MDHHS - Michigan... | Town Hall Meeting...

Health | About | Services | Health A-Z | Partnerships | News & Info | Register

## Services

Children & Families

- Child Passenger Safety
- Childhood Lead Poisoning Prevention Program**
- Children's Special Health Care Services (CSHCS)
- Community Nursing
- Hearing Screening
- Nurse-Family Partnership
- Nurturing Parenting Program
- Nutrition Services
- Vision Screening
- Women Infants & Children (WIC)

Disease Prevention

Emergency Preparedness

Environmental Health

Healthy Lifestyles

Online Services

Contact Info

## Childhood Lead Poisoning Prevention Program

According to the Center for Disease Control and Prevention, at least 4 million households have children living in them that are exposed to high levels of lead with approximately half a million children ages 1-5 with blood lead levels above 5 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ). No safe blood lead level in children has been identified. When you know what to look for and take action, lead poisoning is 100% preventable.

Oakland County Health Division offers free blood lead testing for children under 6 years of age enrolled in the WIC program, regardless of insurance and/or Medicaid status.

Lead investigations involve a comprehensive team approach with the lead-burdened child. The team includes:

- Nurses
- Sanitarians
- Nutritionists

Evaluation of the child's environment by a nurse or sanitarian may identify the source of lead. Education is provided to families and health care providers to reduce the lead level in the child's blood and maintain it at a safe level.

### Related Links

- Lead Poisoning in Children
- Lead and Drinking Water
- Reducing Lead Paint in the Home
- Childhood Lead Exposure Infographic

### Additional Info

- Lead-Free Michigan Toolkit
- Oakland County Physician Toolkit
- Cities, Villages and Townships (CVTs) Toolkit

<https://www.oakgov.com/health/services/Pages/childhood-lead-poisoning-prevention-program.aspx>

# Grant Workplan Challenges

- Incentivizing lead screening training
  - No preexisting “off the shelf” certification courses found that met the specific training need of local physicians, and pursuing CME/CEU certification for our specific presentation/training was too burdensome to pursue.
- Develop follow-up survey for physician organization
  - Survey has been distributed



# Grant Workplan Challenges

- Implement testing in OLSHA WIC clinics and Head Start programs
  - Follow-up conversations were unable to identify a sustainable solution to federal guidelines that don't allow WIC funded staff to perform lead screening.
- Provide soil testing for partners with locations that may be high risk for children, such as daycare and Head Start playgrounds.
  - Playground testing already occurs to comply with federal regulations. Conversations have taken place with an urban gardening coalition representative to determine interest in garden testing in the city of Pontiac.

# Grant Workplan Challenges

*Monitor Medicaid lead testing rates, MCIR testing entries, and other performance measures quarterly to monitor impact and effectiveness of program.*

- Difficult to get timely Medicaid lead testing rates.
- MCIR can't provide aggregate lead testing rates.

# Grant Workplan Challenges

- In progress:
  - Utilize GIS map with Lead Prevention Ad Hoc Partnership to identify high-risk areas for lead exposure.
  - Provide technical assistance to CVTs that have identified or prioritized lead poisoning exposure in their communities.
  - Develop and distribute follow-up survey for CVTs to determine if the toolkit and TA changed operations or procedures in their communities.

Questions?



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