

Appendix 4

Elevated Blood Lead Level Reduction



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Background

The Indiana Department of Health (IDOH) is seeking applicants to support lead case management and associated environmental investigation services. Funds provided through this award will support the costs of services provided to families by local health departments. This is one-time funding, part of Indiana's American Rescue Plan allocation, is targeted at supporting the costs of additional services provided to families of children with blood lead levels between 5.0 µg/dL and 9.9 µg/dL.

Questions regarding this appendix may be directed to the Health Issues and Challenges Grant email inbox: healthissuesandchallenges@isdh.in.gov. These grants will be overseen by staff members of the Health Innovation Partnerships & Programs (HIPP) division at IDOH. The team lead for Elevated Blood Lead Level Applications is Tim Conley.

1. The application must follow the format and order presented in the online application form for this grant opportunity. Applications that do not follow this format and order will not be reviewed.
2. All sections of the application must be submitted. Applications missing any section will not be reviewed.

APPLICANTS MUST INCLUDE THE ITEMS LISTED BELOW IN THE PROJECT PROPOSAL SECTION OF THE APPLICATION SUBMISSION

1. Overview
 - a. Demonstrate that they understand the purpose of the funding and the challenges associated with lowering the elevated blood lead level threshold.
 - b. Identify service territory for which they are applying.
 - c. Identify total amount of funding being applied for and specify whether they are applying for case management funds, environmental assessment funds, or both.
 - d. Describe ideas or plans to sustain these activities after the grant period.
 - e. 12-Month Award: July 1, 2023 – June 30, 2024
2. Statement on Qualifications and Interest
 - a. Specify why they are well-suited to administer this award, including how past county- or state-wide health-related initiatives administered position them for success.
3. Staff (Included in Proposed Activities of application form)
 - a. List all staff that will work on the project. For each staff member, include name, job title, primary duties, and number of hours per week. Describe the relevant education, training, and work experience of the staff.
 - b. For any staff that need to be hired to successfully utilize this award, please identify the role(s) and timeframe for hire

- c. Please identify any staff assigned to this project that do not have access to, or training on:
 - i. For case management staff:
 - 1. Utilizing the Lead module in IDOH's NBS system
 - ii. For environmental assessment staff:
 - 1. An active Lead Risk Assessor License
 - 2. Utilizing IDOH's I-LEAD system



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Purpose

Indiana defines an EBLL as a level at or above 3.5 µg/dL. Funding provided through this award will be used to help both the state and local jurisdictions successfully administer case management and environmental risk assessment services to families with children who have confirmed EBLL's between 5.0 µg/dL and 9.9 µg/dL. IDOH projects that this funding will support case management services for nearly 2,300 additional children each year. This round of applications will allow grantees to receive credit for case management and risk assessment services provided from 7/1/2022 – 6/30/2023 for children with confirmed EBLL's between 5.0 µg/dL and 9.9 µg/dL. Approved grantees will then be able to make reimbursement claims for services that are provided between 7/1/2023 – 6/30/2024 to children with confirmed EBLL's between 5.0 µg/dL and 9.9 µg/dL.

Background

The most common lead exposure for children in Indiana occurs through lead-based paint. Lead was an additive to most paints prior to the ban on lead-based paint in 1978. As lead-based paint deteriorates with age, or when it is disturbed, such as during remodeling and repair projects, lead paint can generate paint fragments, chips, and dust. These particles can be ingested or inhaled by small children, with potentially significant health consequences. This is especially concerning in Indiana, where U.S. Census data show that more than 1.7 million homes, or nearly 60% of all Indiana housing, were built before 1980.

Research has shown that EBLLs can negatively impact cognitive function and cause behavioral disorders and delayed physical development in young children. Children under the age of 7 years are more vulnerable to lead hazards due to the rapid growth of their bodies and brains. Young children, ages 2 years and under, are especially at risk due to the lack of a fully formed blood-brain barrier, which prevents lead from causing more substantial cognitive, neurological, and developmental delays. These children are also at a higher risk because they are more likely to put hands or other objects into their mouths. Lead exposure is particularly concerning because it affects each person differently. Some children may show no symptoms of delay even with EBLLs. In fact, signs of lead exposure could be mistaken for other conditions, such as attention- deficit/hyperactivity disorder (ADHD), autism, or the flu.

The effects of exposure to lead can persist throughout a lifetime and include negative lifelong changes in intellect, behavior, and health. Because these changes are lifelong, it is especially important for parents, health care providers, and public health officials to recognize the significance of providing surveillance, early prevention, and education, as well as intervention and treatment. IDOH's LHHH is committed to aiding and supporting those local health departments and community partners that are providing direct services, conducting surveillance, identifying at-risk children, and monitoring the treatment of those who have confirmed EBLLs.

Indiana lowered the threshold of EBLL to 3.5 µg/dL on July 1, 2022. Case management services are provided to children at or above that threshold. These case management services are defined in 410 IAC 29 and include a home visit by a trained case manager, environmental risk assessment, neurological assessment, and developmental assessment.



Source of Funds

In FY 2021, the Indiana Legislature passed House Enrolled Act 1007 establishing the Health Issues & Challenges Grant Program, which comes with a \$50M appropriation over two state fiscal years starting July 1, 2022 and ending June 30, 2024. The purpose of this funding is to distribute grants to local programs that are addressing emergent or prevalent public health issues in Indiana. The IDOH has identified lead poisoning prevention and improving the health of children with EBLL's as one of the primary areas of focus for these funds. In total, IDOH is setting aside \$5.59M towards the efforts outlined in this appendix.

Funds provided through HEA 1007 come from the American Rescue Plan Act of 2021 and are subject to all rules, regulation, and reporting requirements imposed at both the state and federal level.

Eligible organizations should apply for the amounts listed in the chart included in the "Budget" section of the guidance below. Applicants should not apply for below or above their allotted amounts.

NOTE: throughout this grant application packet, "FY 2023" refers to the 12-month period from July 1, 2022 - June 30, 2023, while "FY 2024" refers to the entire fiscal year from July 1, 2023 - June 30, 2024. Please plan and budget accordingly.

Organization Eligibility Criteria

- Must be a local health department currently responsible for providing case management services to children with confirmed elevated blood lead levels.
- Must be in good standing with the State of Indiana and the federal government.
- Must demonstrate a history of serving, and a capacity to currently serve, citizens of Indiana.
- Must demonstrate capacity to be able to submit monthly claims for reimbursement of services provided.
- Must have staff capacity to be able to provide case management and administer funding awarded.
- Must have staff either trained, or willing to be trained, per the requirements of 410 IAC 29 and 410 IAC 32.
- Must be able and willing to provide a success story relative to lead case management.
- Must be able to reply to requests for information from IDOH on lead cases within 5 business days.
- Must be an eligible organization listed in the chart below under "Budget".
- Must be able to submit timely monthly invoices.
- Must have staff available to attend bimonthly technical assistance webinars and biannual all-lead grantee meetings.
- Must have all staff working through the grant receive a health equity training provided by the HIPP division or by an approved external entity within the last 12 months.
- Must be able to submit quarterly program reports.

Health Equity Statement/Goals (required)

Describe populations disproportionately impacted by the specific topic area and how applicant will address these populations specifically.

Please refer to the General Grant Guidance for additional details.

Number of Awards

There may be up to 94 awardees. Award amounts will vary based on funds applied for and available funding by jurisdiction.

Scope of Work

Applicants awarded funds under this agreement will be required to ensure that they are providing case management and/or environmental investigation services in accordance with Indiana code and administrative code. A description of



those services is included below along with activities required for each to be considered complete on a given case. Grant funding is only

Case Management: Completion, and documentation by a trained lead case manager, of required case management activities in accordance with 410 IAC 29. Verification of completion will be made by IDOH HIPP division staff.

Payment Contingent Upon:

- 1) Completion of initial case management activities listed below:
 - Home visit
 - Nutritional assessment or referral
 - Developmental assessment or referral
- 2) Documentation of all services provided in IDOH's NEDSS Based System (NBS) lead module. Reimbursement for case management activities will be contingent upon those services being documented in NBS on a child's case record.

Environmental Investigation: Completion, and documentation in I-LEAD by a licensed lead risk assessor, of a completed risk assessment and environmental inspection in accordance with 410 IAC 29 and 410 IAC 32. Verification of this will be made by HIPP division staff. Applicants are eligible to apply for Environmental Investigation funds if they have someone who is a licensed risk assessor OR have someone who can be trained to become a licensed risk assessor. IDOH will contact grantees about equipment availability upon approved application for environmental inspection funds.

Payment Contingent Upon:

- 1) Completion of risk assessment and environmental investigation activities listed below:
 - In-person risk assessment
 - Submission of samples to lab for analysis
- 2) Documentation of completed risk assessment in Indiana I-LEAD database

If awardees are unable to spend all allocated funds due to a shortage of identified cases in their service area, funds may be recaptured and reallocated. If awardees are unable to spend allocated funding due to a lack of documentation, lack of staff to complete services, or other conditions within their control, IDOH will request information on how/when the issues can be corrected. If the issues are not able to be corrected, IDOH may revoke and reassign the amount of funding that is projected to remain unspent.

Metrics and evaluation of funded activities

Measures to be submitted quarterly to IDOH:

1. Progress on reaching the Health Equity goal(s) outlined in the application.
2. Success stories or highlights.

The Division of Lead and Healthy Homes will submit following measures to the Division of Health Innovation Partnerships and Programs:

1. Demographic measures:
 - a. Number of Black or African American individuals served
 - b. Number of American Indian or Alaska Native individuals served
 - c. Number of Native Hawaiian or Other Pacific Islander individuals served
 - d. Number of Asian individuals served
 - e. Number of Caucasian or White individuals served
 - f. Number of Hispanic/Latinx individuals served



- g. Other race categories served (Grace mentioned Lead has data on the number of multiracial individuals served)
- h. Number of individuals served that meet **at least one** of the following criteria:
 - i. Active enrollment in MEDICAID or HIP; or
 - ii. Active enrollment in Food Stamps; or
 - iii. Active enrollment in TANF; or
 - iv. Being at or below 200% of the poverty per the HHS Poverty Guideline for 2022
- 2. Number of children served
- 3. Number of children under 7 years of age who received a blood lead test
- 4. Number of children who received a blood lead test with an elevated blood lead level (5.0 and above)
- 5. Number of children with a confirmed elevated blood lead level
- 6. Number of environmental/risk assessments performed
- 7. Number of cases managed

Budget

Local health departments are eligible for funding amounts identified in the table below. Amounts were determined after reviewing the number of 5.0-9.9 µg/dL blood lead level results reported in 2018, 2019, and 2020. Any request for funding should not exceed the amount identified for the service territory identified. The funding amounts in the table are intended to cover 24 months (FY23, and FY24) and will be structured as not-to-exceed amounts in contracts. Funds awarded for lead case management services under this award should supplement, and not supplant, existing funding allocated for lead case management.

Please note that municipalities with their own health departments (Gary, East Chicago and Fishers) have funding allocated specifically for them and may not apply for the amount associated with their county. Municipalities with their own health departments are included at the bottom of the table.

County/Municipality	Projected 2-yr 5-9.9 Cases	Case Management Funding	Environmental Inspection Funding	Total Available by LHD
ADAMS	2	\$2,797.55	\$2,096.00	\$4,893.55
BENTON	8	\$9,791.42	\$7,335.99	\$17,127.41
BOONE	16	\$18,650.33	\$13,973.31	\$32,623.64
BROWN	3	\$3,263.81	\$2,445.33	\$5,709.14
CLARK	20		\$18,165.31	\$42,410.73
CLAY	11	\$13,055.23	\$9,781.32	\$22,836.55
CLINTON	42		\$37,727.95	\$88,083.83
CRAWFORD	3	\$3,263.81	\$2,445.33	\$5,709.14
DELAWARE	53	\$63,411.11	\$47,509.27	\$110,920.38
DUBOIS	1	\$932.52	\$698.67	\$1,631.18
FOUNTAIN/WARREN	17		\$15,021.31	\$35,070.41
FRANKLIN	9		\$8,383.99	\$19,574.18
FULTON	2		\$1,746.66	\$4,077.96
GIBSON	9	\$10,723.94	\$8,034.66	\$18,758.59
GRANT	44	\$52,687.17	\$39,474.61	\$92,161.78
GREENE	12	\$14,920.26	\$11,178.65	\$26,098.91



HANCOCK	3	\$4,196.32	\$3,144.00	\$7,340.32
HARRISON	7	\$8,858.91	\$6,637.32	\$15,496.23
JASPER	3	\$3,730.07	\$2,794.66	\$6,524.73
JAY	9	\$11,190.20	\$8,383.99	\$19,574.18
JEFFERSON	4		\$3,842.66	\$8,971.50
KOSCIUSKO	20	\$23,779.17	\$17,815.98	\$41,595.14
LAGRANGE	7	\$7,926.39	\$5,938.66	\$13,865.05
LAKE	61	\$73,202.53	\$54,845.26	\$128,047.79
MARSHALL	9		\$7,685.32	\$17,943.00
MARTIN	2	\$1,865.03	\$1,397.33	\$3,262.36
MIAMI	10		\$8,733.32	\$20,389.78
MORGAN	16		\$14,671.98	\$34,254.82
NEWTON	5	\$5,595.10	\$4,191.99	\$9,787.09
NOBLE	15		\$13,274.65	\$30,992.46
OHIO	2	\$1,865.03	\$1,397.33	\$3,262.36
ORANGE	11	\$13,055.23	\$9,781.32	\$22,836.55
OWEN	8	\$9,325.16	\$6,986.66	\$16,311.82
PARKE	8	\$9,791.42	\$7,335.99	\$17,127.41
PERRY	4	\$4,662.58	\$3,493.33	\$8,155.91
PIKE	2	\$2,797.55	\$2,096.00	\$4,893.55
POSEY	6	\$6,993.87	\$5,239.99	\$12,233.87
PULASKI	1	\$1,398.77	\$1,048.00	\$2,446.77
RANDOLPH	6	\$6,993.87	\$5,239.99	\$12,233.87
RIPLEY	14	\$16,319.04	\$12,226.65	\$28,545.69
RUSH	12	\$14,454.00	\$10,829.32	\$25,283.32
SCOTT	8	\$9,325.16	\$6,986.66	\$16,311.82
SHELBY	29		\$25,850.63	\$60,353.74
SPENCER	2	\$1,865.03	\$1,397.33	\$3,262.36
STARKE	4	\$4,662.58	\$3,493.33	\$8,155.91
STEUBEN	6	\$6,993.87	\$5,239.99	\$12,233.87
SULLIVAN	2	\$2,331.29	\$1,746.66	\$4,077.96
SWITZERLAND	3	\$3,263.81	\$2,445.33	\$5,709.14
TIPTON	11	\$13,055.23	\$9,781.32	\$22,836.55
UNION	6	\$7,460.13	\$5,589.33	\$13,049.46
VERMILLION	6	\$6,993.87	\$5,239.99	\$12,233.87
VIGO	58	\$69,938.73	\$52,399.93	\$122,338.65
WABASH	13	\$15,386.52	\$11,527.98	\$26,914.50
WARRICK	5	\$6,061.36	\$4,541.33	\$10,602.68
WASHINGTON	11	\$13,055.23	\$9,781.32	\$22,836.55
WELLS	9	\$11,190.20	\$8,383.99	\$19,574.18
WHITE	5	\$6,061.36	\$4,541.33	\$10,602.68
EAST CHICAGO	26	\$31,239.30	\$23,405.30	\$54,644.60

