

Childhood Lead Poisoning Prevention Program & Services

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Childhood Lead Poisoning Prevention Program & Services

Program History

Services

Partners

Questions

Childhood Lead Poisoning Prevention Program & Services

Program History

- 1975 – First BLL screening programs in Iowa
- Burlington, Cedar Rapids, Davenport, Des Moines, and Ottumwa
- Funded through CDC grant
- Lead poisoning level = 30 $\mu\text{d}/\text{dL}$

Childhood Lead Poisoning Prevention Program & Services

Program History

- Iowa CLPPP started in 1993 with funding from CDC
- IAC 641 – Chapter 72
 - Established program requirements
 - 15,000 population
 - Local Board of Health
 - Provide required services & activities

Childhood Lead Poisoning Prevention Program & Services

Program Core Services

Iowa Administrative Code 641 – Chapter 72 mandates the following services be provided by CLPPP contractors:

- Education & outreach programs
- Blood lead testing
- Laboratory services
- Additional services for children with BLL $\geq 10 \mu\text{g/dL}$:
 - Confirmatory & follow up testing
 - Nutrition counseling
 - Home nursing visit
 - Development evaluation
 - Medical evaluation
 - Chelation

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Program Core Services

- Elevated Blood Lead (EBL) inspections
 - Two confirmed venous blood leads between 15 – 19 $\mu\text{g}/\text{dL}$,
 - Single venous $\geq 20 \mu\text{g}/\text{dL}$
- Follow-up inspections on EBL address
- Adoption & enforcement of a lead-based paint hazard code
 - IAC 641 – Chapter 68, Control of Lead-Based Paint Hazards
 - Adopt or reference as a model regulation or ordinance
- Community coalition groups
- Management of blood leads and case management in a statewide data system.
 - HHLPSS: Healthy Homes & Lead Poisoning Surveillance System

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Program Core Services – Blood Lead Testing

UNIVERSAL TESTING (Iowa)

- All children are tested for lead poisoning.
- In areas where prevalence is high, all children are at risk.



TARGETED TESTING (other States/Cities)

- Not all kids are tested
- Testing based on certain risk factors



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TYPES OF BLOOD LEAD TESTING DONE

Venous (Confirmatory) – proceed to follow-up based on results.



Capillary -- levels ≥ 10 $\mu\text{g}/\text{dL}$
must be confirmed
with a venous test.

CLPPP Core Services

Case Management

- Clinical Case Manager
 - Focus on patients
 - RNA, public health professional
- Environmental Case Manager
 - Focus on lead hazards
 - Certified lead professional
 - inspections

CLPPP Core Services

Clinical Case Management

1. Follow-up blood lead testing
 - ✓ Medical providers – Non-Medicaid patients
 - ✓ Clinics – Medicaid patients
2. Home nursing or outreach visits
 - ✓ BLLs ≥ 15 $\mu\text{g}/\text{dL}$ and according to established timelines
3. Medical evaluations
 - ✓ BLLs ≥ 20 $\mu\text{g}/\text{dL}$ and according to established timelines
 - ✓ Abdominal exam/x-ray, test for iron deficiency (anemia)
 - ✓ Chelation @ BLLs ≥ 45 $\mu\text{g}/\text{dL}$
4. Nutrition evaluation
 - ✓ BLLs ≥ 20 $\mu\text{g}/\text{dL}$ and according to established timelines
 - ✓ Dietician or RN

CLPPP Core Services

Clinical Case Management

5. Developmental assessment

- ✓ BLLs ≥ 20 $\mu\text{g}/\text{dL}$ and according to established timelines
- ✓ Refer to Area Education Agency or Early Access Program

6. Care coordination

- ✓ Communicate case management plan with family, environmental case manager, medical provider, and local public health nurse

7. Community outreach and education

- ✓ Schools and community events
- ✓ Outreach to other community organizations

8. Documentation

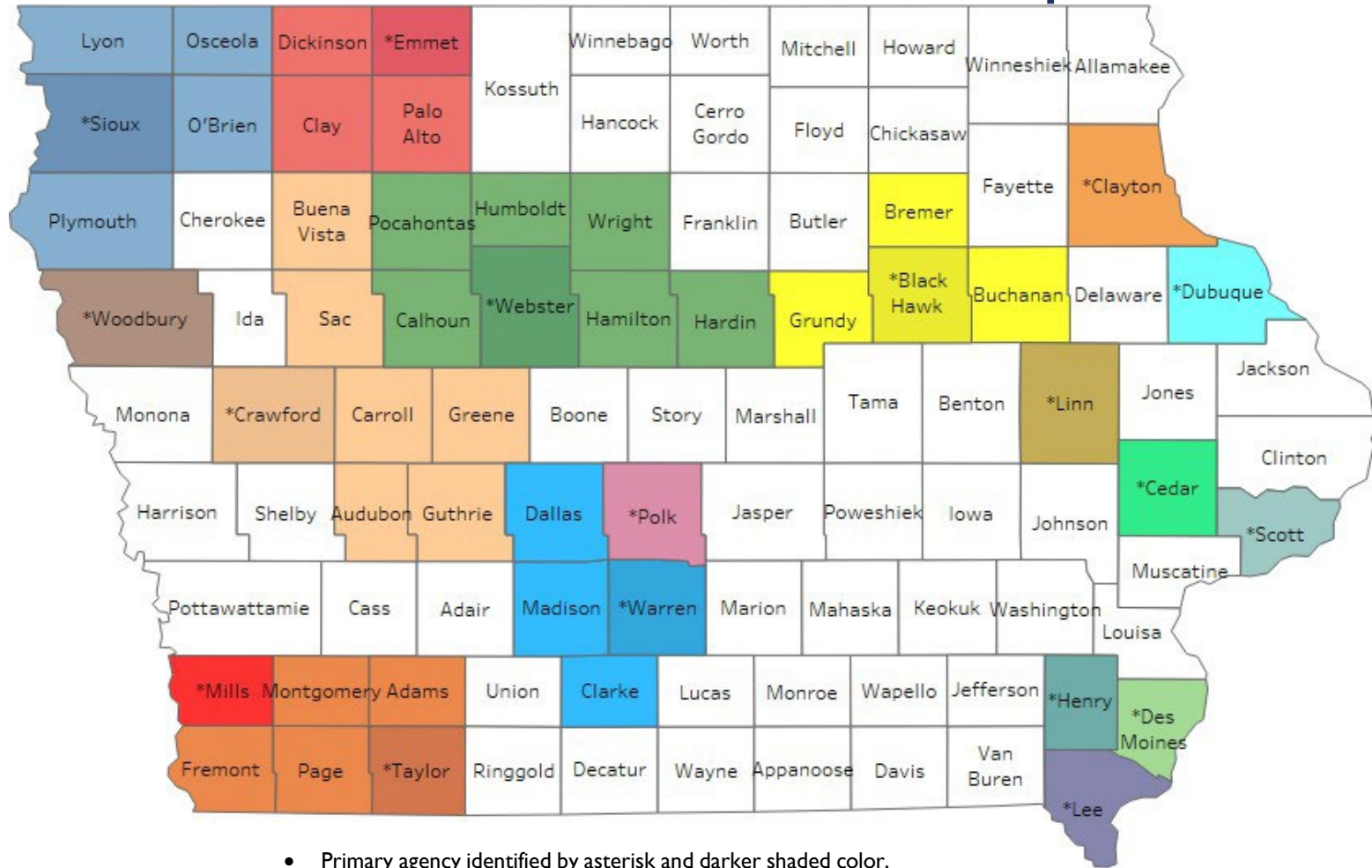
- ✓ Maintain patient file
- ✓ HHL PSS

CLPPP Core Services

Environmental Case Management

1. Iowa certified professional
 - ✓ Elevated Blood Lead (EBL) Inspector/Risk Assessor
2. Conducts EBL inspections
 - ✓ BLLs ≥ 20 $\mu\text{g}/\text{dL}$ or persistent levels between 15 – 19 $\mu\text{g}/\text{dL}$
3. Follow-up on lead hazard repairs
 - ✓ 6 months after initial inspection and annually
4. Identify local resources to assist homeowner
5. Conduct clearance inspections
6. Enforce county or local lead hazard ordinance
7. Documentation
 - ✓ Maintain property file
 - ✓ HHL PSS

Childhood Lead Poisoning Prevention Program 2023 – 2024 Service Area Map



- Primary agency identified by asterisk and darker shaded color.
- Service areas identified by counties with similar color as primary agency.
- CLPPP services in white colored counties provided by Iowa HHS.

Local CLPPP Partners

- 2024-2025 Local CLPPP Partners
 - 18 County BOH Contractors
 - Designated Agency: County Public Health/Environmental Health Dep't., Healthcare Provider, VNA, Non-profit community org.
- Provides full scope of CLPPP services in 48 counties
 - IDPH provides limited scope of services 51 counties
- Child Health Service Agencies
 - Title V, WIC, Head Start, AEA, etc.

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Questions

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