

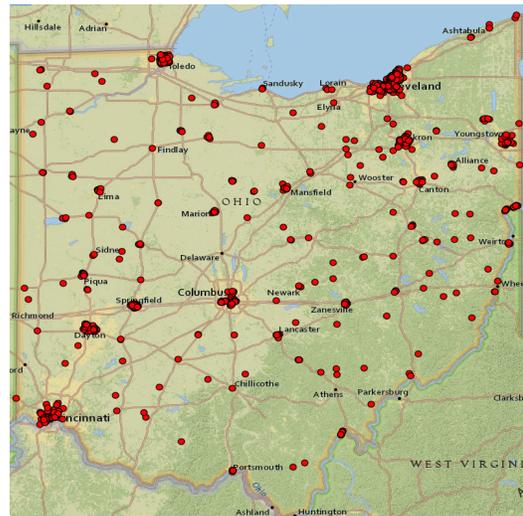
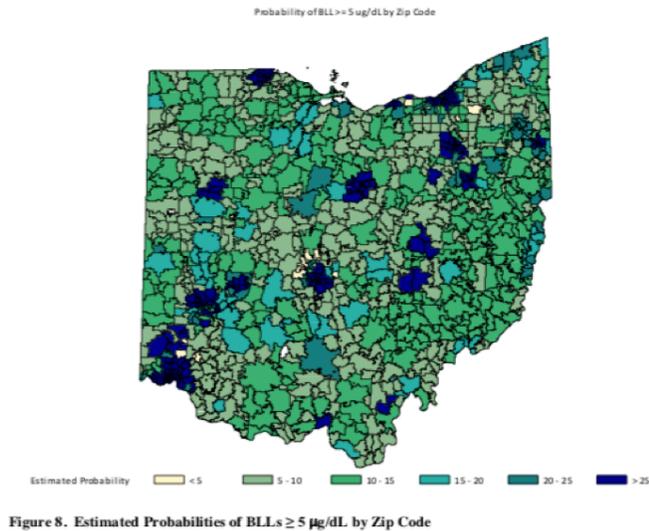
**Ohio Legislative Children's Caucus
Healthy & Nourishing Homes
Ohio Lead Free Kids Coalition Briefing
November 6, 2019**

1. Lead Exposure – Paint Dust in pre-1978 Housing Primary Source of Lead for Children

Over 66% of Ohio's housing stock was built before 1980. An estimated 339,320 occupied housing units have children under 6 living in them with possible lead hazards.¹

Ohio High Risk Lead Model Report (2013) – Identifies high lead risk areas (by zipcode)

ODH Lead Hazardous Properties – **1,167** Orders to Vacate (until lead hazards cleared) as of 11/5/19²



2. Ohio Department of Health (ODH) Lead Testing & Inspection Process Overview (ORC Ch. 3742)



Child Tested for Lead – **elevated BLL of ≥ 10 µg/dL** triggers a **lead risk assessment** (EBLL of 5-9 µg/dL leads ODH to conduct a health investigation with a questionnaire)



ODH or delegated health authority tries to find the source of the lead exposure -- conducts a **public health lead risk assessment**



If lead hazard exists, ODH issues a **lead hazard control order** and property owner must **abate lead hazards** within 90 days (can be extended) & pass a **lead clearance examination**.



If owner fails to control the lead hazards, an **order to vacate placard** must be posted on the property warning the public the property is unsafe and may not be occupied until the hazards are cleared.

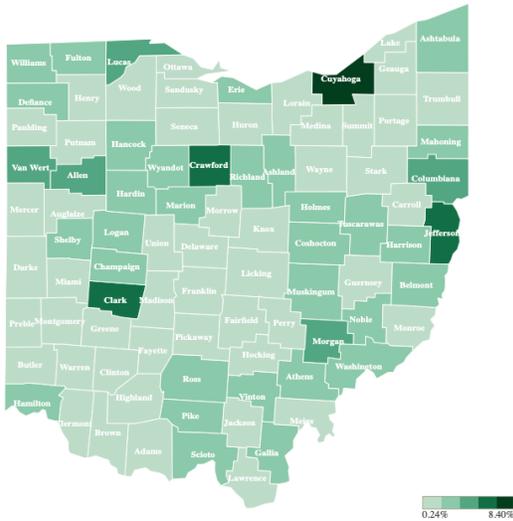
¹ Columbia Law School, "The Cost of Childhood Lead Poisoning in Ohio" (2019) Accessed at: https://www.law.columbia.edu/sites/default/files/microsites/clinics/health-advocacy/ohio_cba.pdf

² OH Dept. of Health, Ohio Lead Hazardous Properties. Properties with Orders to Vacate for Lead Hazards (last updated 11/5/19). Ohio Public Health Information Warehouse. Accessed at: <http://publicapps.odh.ohio.gov/EDW/DataBrowser/Browse/LeadHazardousProperties>

3. Testing Children for Elevated Blood Lead Levels (EBLL)³

3,149 confirmed EBLL of $\geq 5 \mu\text{g}/\text{dL}$ as of 11/4/19 (3,856 in 2018)⁴

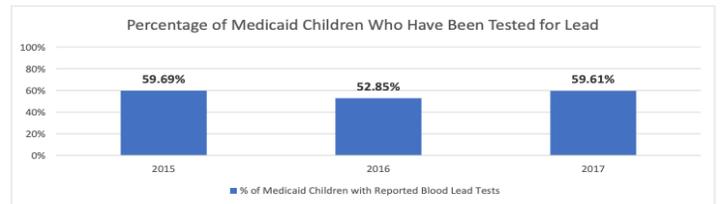
PREVALENCE OF ELEVATED BLOOD LEAD LEVELS IN CHILDREN UNDER 6



Under 60% of Medicaid Children Tested for Lead (All children enrolled in Medicaid required to have blood lead testing at 1 and 2 years of age)⁵

Ohio | Department of Medicaid
 Mike DeWine, Governor | Maureen Corcoran, Director
 Jon Husted, Lt. Governor

Lead Testing and Hazard Control



All children enrolled in Medicaid are required to receive blood lead screening tests at ages 12 months and 24 months.

4. Cost-Benefit of Lead Poisoning Prevention

The average cost to remove lead paint hazards (lead hazard control) is **\$8,296 per home**.⁶

Ohio

Estimate Exposure Burden | Calculate Intervention Impacts

Total Cost

\$2.8B

Lifetime economic burden of childhood lead exposure in Ohio.

Calculated for the 2019 birth cohort. Includes costs of reduced lifetime productivity; increased health care, education, and social assistance spending; and premature mortality.

Number of Children Exposed [?]

14,230

Blood levels >2 $\mu\text{g}/\text{dL}$

Children in the 2019 birth cohort predicted to have blood lead levels >2 $\mu\text{g}/\text{dL}$. This is 10% of all births in Ohio.

Cost Breakdown [?]

Hover for additional detail



- Burden on households and private sector
- Burden on federal budgets
- Burden on state and local budgets

³ Ohio Housing Finance Agency, Ohio Housing Needs Assessment (2020). Accessed at: <https://ohiohome.org/research/housingstock.aspx>

⁴ OH Dept. of Health, Lead Data. Reports: EBLL Among Ohio Children Under 6 (last updated 11/4/19). Ohio Public Health Information Warehouse. Accessed at: <http://publicapps.odh.ohio.gov/EDW/DataBrowser/Browse/LeadData>

⁵ Ohio Department of Medicaid. Lead Testing and Hazard Control. State FY 2020-2021. Accessed at: <https://medicaid.ohio.gov/Portals/0/Resources/Budget/ODM-Lead-Testing-and-Hazard-Control.pdf>

⁶ Altarum, Value of Lead Prevention: Cost Benefit Analysis for LHC (2019). Accessed at: <http://valueofleadprevention.org/calculations.php?state=Ohio>