

**CUYAHOGA COUNTY
BOARD OF HEALTH**

YOUR TRUSTED SOURCE FOR PUBLIC HEALTH INFORMATION

5550 Venture Drive Parma, Ohio 44130
216-201-2000 www.ccbh.net

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Environmental Public Health Services
Cuyahoga County Board of Health

The New Reference Level:

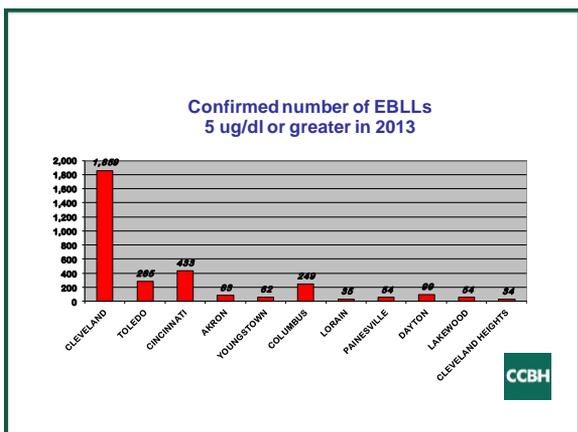
The Future of Lead Poisoning
Prevention in Ohio

April 27, 2015

**2013: 4,719 children had lead levels
≥ 5µg/dL in Ohio**

**45% of those children live
in Cuyahoga County**

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**Percentage of EBLs
Children tested in 2013**

	Number	Percent/Tested
Cuyahoga County	2,145	9.65%
Cleveland	1,859	12.92%
Lakewood	54	8.29%

State of Ohio: 3.03%

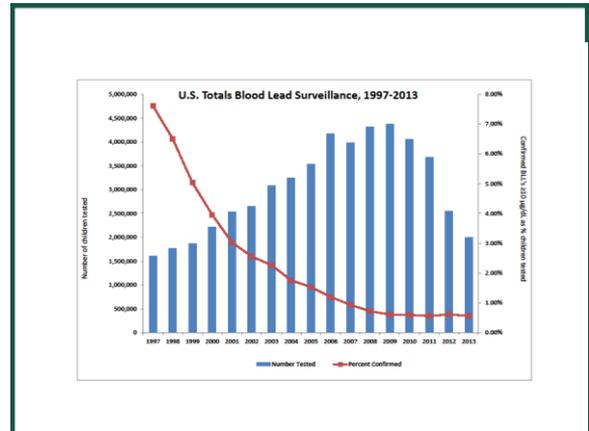
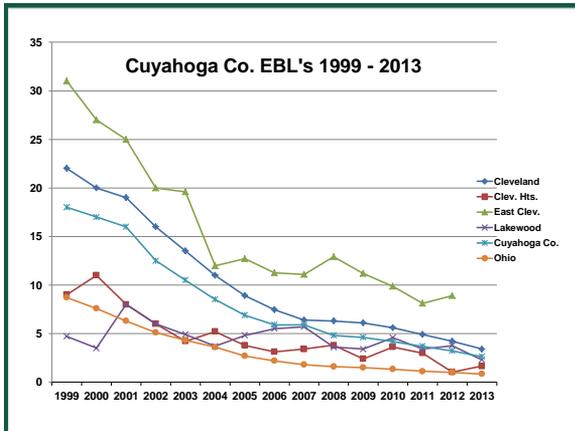
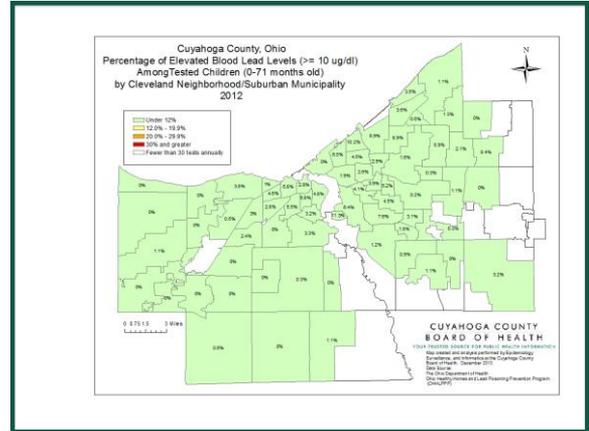
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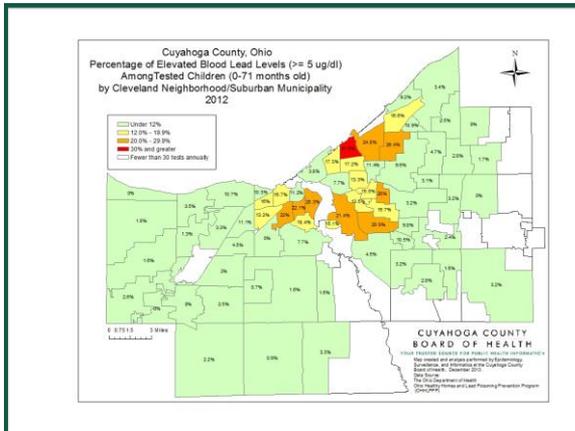
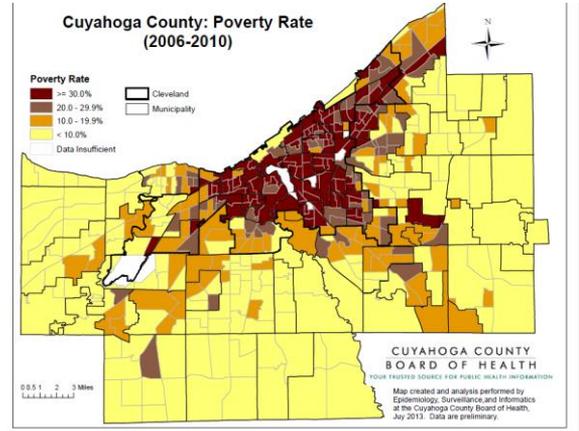
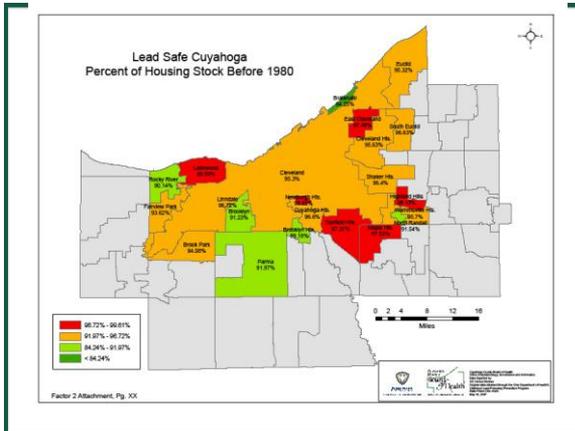
Source: 2013 Annual ODH Data

Percentage of Confirmed EBL's in Children 0-5 Years of Age

Year	# Screened	>10ug/dL	Percent EBLs	>5 ug/dL	Percent 5-9 ug/dL
1997	28,214	6,826	24.2%		
1998	27,473	6,573	23.9%		
1999	25,884	4,706	18.2%		
2000	23,497	3,996	17.0%		
2001	23,789	3,760	15.8%		
2002	26,239	3,293	12.6%		
2003	25,089	2,366	9.4%		
2004	23,091	1,964	8.5%	7,989	34.6%
2005	23,082	1,568	6.8%	5,244	22.7%
2006	22,303	1,306	5.9%	4,432	19.9%
2007	25,228	1,176	4.7%	4,070	16.1%
2008	24,351	1,174	4.8%	3,951	16.2%
2009	21,632	1,004	4.6%	3,571	16.5%
2010	22,359	940	4.2%	3,206	14.3%
2011	23,407	863	3.7%	2,796	11.9%
2012	23,546	758	3.2%	2,622	11.1%
2013	22,219	582	2.6%	1,563	7.0%

Data was supplied by the Ohio Healthy Homes & Lead Poisoning Prevention Program of the Ohio Department of Health
2004-2013 >5 ug/dL, data was supplied by the Epidemiology, Surveillance and Informatics Department of the Cuyahoga County Board of Health

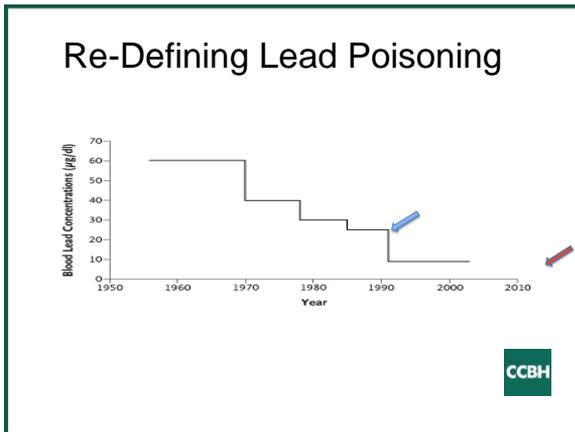




Where do we go from here?

- Addressing BLL > 5 ug/dl
- Federal and State Resources
- Local Resources Including Enforcement
- Other

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Cuyahoga County Definition of Lead Poisoning

Since 2007: Cuyahoga County Board of Health, Cleveland Department of Public Health and Shaker Heights Health Department: **5 ug/dL**

“New Level of Awareness”

There is **NO SAFE LEVEL OF LEAD.**

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OAC 3701-30

- Effective Nov. 20, 2014
- Match CDC, HUD, & EPA's definition of an EBL, $\geq 5\mu\text{g/dL}$
- All delegated authorities will respond to $5\mu\text{g/dL}$ and higher



OAC 3701-30

- No inspections, no enforcement for $5-9\mu\text{g/dL}$
- Continue to conduct Public Health Lead Investigations and enforce Ohio lead law per ODH MOU



Federal Funding

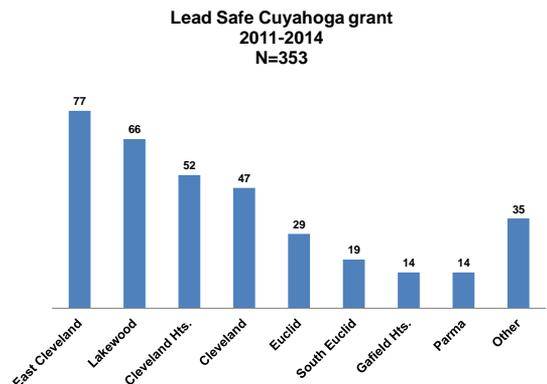
- HUD Office of Lead Hazard Control and Healthy Homes
- Centers for Disease Control and Prevention



<i>Cuyahoga Co. HUD Lead Grants</i>	<i>Start</i>	<i>Finish</i>	<i>Millions</i>	<i>Units</i>
Round 5 Lead Hazard Control	1999	2001	1.50	148
Round 9 Lead Hazard Control	2002	2004	2.71	164
Round 12 Lead Hazard Control	2005	2007	3.00	174
Round 15 Lead Hazard Control	2007	2010	3.00	190
Round 15 Lead Hazard Reduction	2007	2010	4.00	303
Round 18 Lead Hazard Reduction	2011	2014	4.50	345
Round 19 Lead Hazard Control	2012	2015	2.48	170
Total			\$21.19	1,490

Federal Funding

- Current HUD funded grant ends 5/31/15
- Will apply when HUD announces new grant application



State Funding

- Continue to submit for Medicaid reimbursement for EBL investigations
- Medicaid reimbursement for inspections for families with children < 6 years old and blood lead level > 10 and greater

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Local Funding

- Local Foundation Funding (SLF)
- Fee for Service for lead inspections, clearance testing, and **specifications**
- CDBG Rehab “loans” for remediation

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Health Department Response

- CCBH is delegated authority by the ODH
- Rules enacted under HB 248 became effective April 2004.
- OAC 3701-30-01 through 3701-30-13

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Health Department Response

- A referral is made based upon receipt of confirmed blood lead level ≥ 10 ug/dl
- A Licensed Lead Risk Assessor conducts an EBL investigation
- Orders are issued to the property owner with 90 days for compliance

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Health Department Response

Failure to comply results in the following:

1. Administrative hearing
2. Issue Notice of Non Compliance and Order to Vacate
3. Placarding of house 14 days after
4. Filing of Affidavit of Fact with the Records Office

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WARNING

This property contains lead hazards and has been declared unsafe for human occupation especially for children under six years of age and pregnant women as ordered by the Director of the Ohio Department of Health



Date _____
ORC 3742.40 OAC 3701-30-11

Issued by: _____

Enforcement- After the Placard

- Legal action?
- Municipal courts?
- Special prosecutors?
- Blight ordinance?

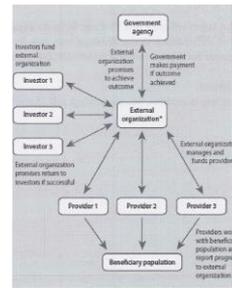


Other

- HEPA Vacuum Loaner
- PRC funds
- Social Impact Bonds



Social Impact Bonds



CUYAHOGA COUNTY BOARD OF HEALTH

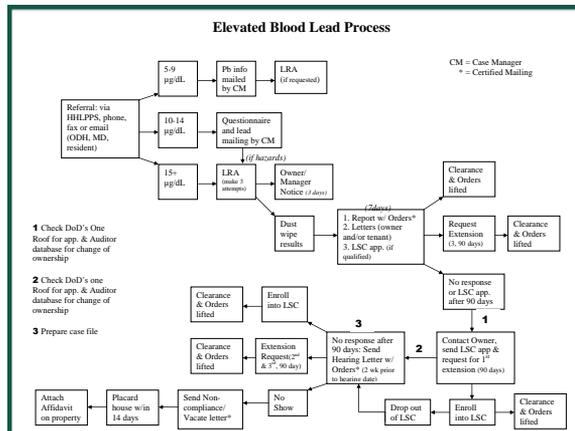
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Learn the Risks. Get Kids Tested. Reduce Lead Hazards.





Health Department Response

- All work must be completed by a Licensed Lead Abatement Contractor
- Unit must receive clearance by a Licensed Lead Risk Assessor

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Resources

HEPA Vacuum loaner program for residents in Cuyahoga County to borrow for short term use to assist with the clean up of lead dust and potentially reduce the exposure to lead in their homes.

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5/12/2015

Cuyahoga Co. HUD Healthy Homes Grants	Start	Finish	Millions	Units
Round 1 Healthy Homes (UMMP)	2000	2003	3.15	104
Round 4 Healthy Homes (CCHH 1)	2004	2006	0.95	105
Round 7 Healthy Homes (CCHH 2)	2006	2009	1.00	111
Round 10 Healthy Homes (CCHH 3)	2010	2013	0.85	100
Cuyahoga Co. HUD Lead Grants				
Round 5 Lead Hazard Control	1998	2001	1.50	148
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Round 19 Lead Hazard Control	2012	2015	2.48	170
Total			27.14	1914

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Tracking blood lead levels

Healthy Housing and Lead Poisoning Surveillance System (HHLPPS)

- Real time notification
- Real time data
- Clinical component
- Environmental component

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Lead Safe Cuyahoga

- HUD funded grants to remediate lead-based paint hazards (windows, doors, siding, etc.)
- Provide residents lead awareness education
- Successfully funded since 1999
- Spend no more than \$10,000 per unit

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Reimbursement

- CCBH continues to be a delegated authority
- Medicaid reimbursement for inspections from families with children under 6 years old and blood lead level of 10 and greater

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Enforcement

- Informal office hearing after no response
- Up to 3, 90 day extensions
- Owner sent vacate notice
- Home placard as inhabitable
- Affidavit of Fact placed on property

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Social Impact Bonds



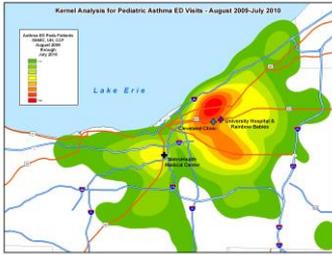
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Addressing BLL > 5 ug/dl

- Local resolution
- State mandate

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Pediatric Asthma Prevalence



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Disclaimer

The views and opinions expressed in this presentation are those of the author and do not necessarily represent official policy or position of the Ohio Department of Health.

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