



SAFE HOMES/SAFE KIDS: MICHIGAN ALLIANCE FOR LEAD SAFE HOUSING

Lead Abatement Contractor, Risk Assessor and Trainer Workshop
August 4th



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Safe Homes/Safe Kids



- I. Background
- II. History
- III. Formation of the Coalition
- IV. Where We Are Today
- V. Q & A

Lead has been in paint since the 1940s

- ❑ Washable
- ❑ Paintable
- ❑ Durable
- ❑ Vibrant colors
- ❑ Inexpensive
- ❑ Faster drying times



Image: photoeverywhere.co.uk

The Downsides of Lead Paint

- ❑ Lead was banned in most paints in 1978 as clear and convincing evidence showed its dire effects
- ❑ Children are most impacted because of small body size and exposure pathways
- ❑ There are no safe exposure levels for lead



Lead Poisonings Effects

- ❑ Reduction in IQ
- ❑ ADHD
- ❑ Increase in aggressiveness
- ❑ Decreased bone and muscle growth
- ❑ Liver and kidney damage
- ❑ Speech problems
- ❑ In severe cases: seizures and death



Detroit Free Press Story Series

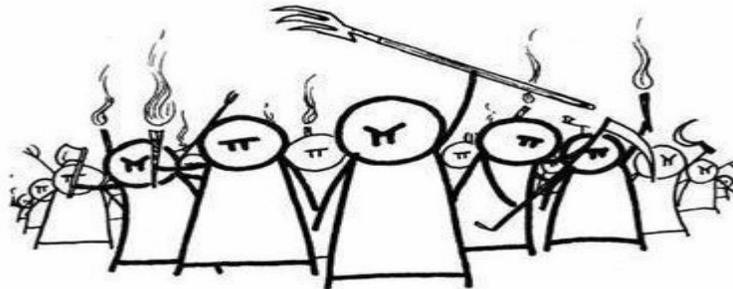
- ❑ Bad press caused embarrassment and outrage
- ❑ Untested children
- ❑ Slow pace of clean-ups
- ❑ Poisoned kids still living in lead filled homes
- ❑ Allegations of mismanagement at all levels



Lead Taskforce

- Public outcry lead to Governor Granholm forming a Lead Taskforce
- Several recommendations came from these meetings
- One recommendation was the formation of a Lead Commission

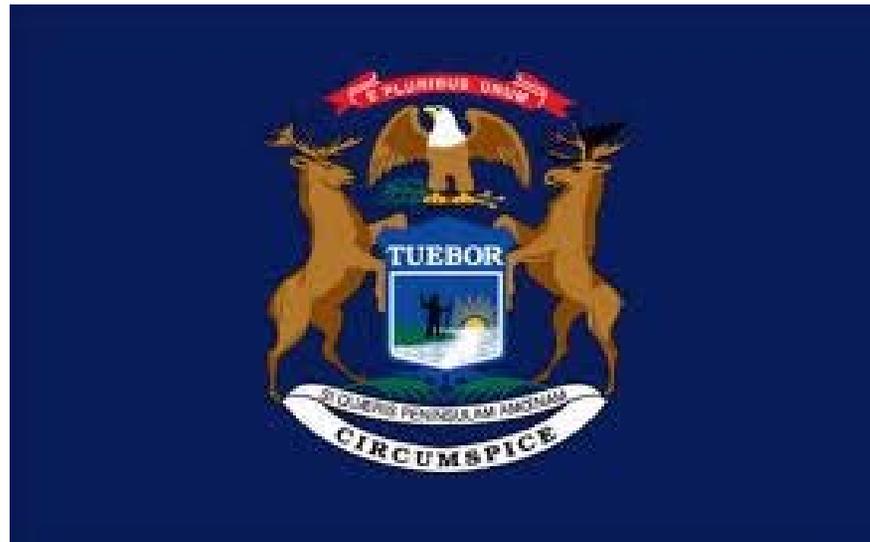
PROUD MEMBER OF



THE ANGRY MOB

The Governor's Lead Commission

- ❑ Established by the Legislature in 2004
- ❑ Large and diverse membership
- ❑ Met over 4 years
- ❑ Issued many recommendations



Lead Funding Subcommittee

- Subcommittee of the Governor's Lead commission
- Goal was to find a revenue source to fund lead efforts in the state
- Lead Paint Tax was recommended



The “Founding Fathers” of Safe Homes/Safe Kids

- Funding solution not found before Governor’s Lead Commission dissolved
- Committed organizations pressed on with mission
- Power in numbers
- Believed that a successful funding campaign will need the broad support of a coalition



Coalition's Strategic Planning Retreat

- Nov 5th 2010, East Lansing, Michigan
- Public introduction of the coalition
- Broaden and grow the coalition
- Chart the way forward



The Way Forward – Lead Paint Tax??

- Recommendation from Governor's Lead Commission's Funding Subcommittee was a Paint Tax
- Conservative new Legislature
- Leaders in government opposed to any new taxes
- State budget crisis
- Double-digit unemployment numbers



Plan B

- ❑ Lead paint tax not feasible at this time
- ❑ Core group of Coalition regroup after the retreat
- ❑ Goal remains to secure a stable and adequate funding source to wipe out lead poisoning in Michigan
- ❑ Have to be creative to achieve the goal
- ❑ Must be patient



The Path Forward

- Educate and outreach to policy makers and decision makers
- Think creatively about possible funding sources and partnerships
- Grow the coalition



Coalition is Making Progress

- Met with over 30 Legislators
- Met with Department Legislative Liaison
- Monthly Coalition calls
- Coalition website launched
- Coalition logo developed
- Fall legislative packet under development
- Coalition is growing





Home

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Lead In The News

Meeting Minutes

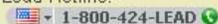
Resources

Contact Us

Contact Information

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leadsafemi@gmail.com

Lead Hotline:



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Before Lead Abatement:



After Lead Abatement:



Home

Lead Poisoning is Preventable

Lead based paint is the #1 environmental health hazard for young children today. In homes built before 1978, lead paint was commonly used on window frames, doors, and walls. These accessible surfaces are still dangerous sources of lead even years after the paint has dried. If they have not been properly abated, even clean, modern homes pose a lead threat.

Most importantly, lead poisoning is 100% preventable with the proper knowledge.

Where is the Lead?

We are still suffering from lack of knowledge and regulation of this dangerous element. Sources of lead are numerous, and surprisingly common. They include:

- o Lead paint in houses built before 1978
- o Calcium supplements (from bone meal, dolomite or oyster shells)
- o Water from old plumbing fixtures with lead soldering
- o Lead in dust and soil
- o Old painted toys and furniture
- o Hobbies that use lead products, such as stained glass windows and lead fishing sinkers
- o Exposure at work (parents may bring lead home on their clothes)
- o Food additives
- o Toy jewelry, such as from dollar stores or vending machines
- o Foods made or stored in lead-glazed pottery or lead crystal
- o Ammunition
- o Certain imported products, for example:
 - o Colored newspaper and food wrappers (such as for bread and candy)
 - o New, painted toys
 - o Snacks or candies (such as Chapulines—grasshoppers—from the Mexican state of Oaxaca, and Bolirindo lollipops)
 - o Medicines and home remedies
 - o Food cans with lead soldering

Products that we—and our kids—handle every day are potential lead sources. Although paint from homes that have not been updated, renovated, or remodeled is the primary source, lead can enter our lives in other ways.

Aside from the frequent encounters that we have with lead-tainted





Michigan Alliance
for
Lead Safe Housing

Home

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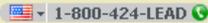
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Mission Statement

The Michigan Alliance for Lead Safe Housing is a group of concerned health, housing and environmental professionals, local business owners, community and child advocates, parents and others committed to reducing and eliminating childhood lead poisoning and its adverse effects in Michigan, by identifying a stable and renewable source of funding to provide education, testing of children, and abatement of lead hazards in homes.

The Problem

Is lead poisoning in Michigan still a public health concern? Lead poisoning causes irreversible cognitive damage and has been linked to learning disabilities and violent behavior in children and adults. A child is considered to be lead poisoned if a venous blood test finds 10 or more micrograms of lead per deciliter of blood. Over 1,226 Michigan children were diagnosed with lead poisoning in 2010. Lead poisoning remains the number one environmental health hazard for young children. Another 8,223 Michigan children were found to have blood lead levels of 5 to 9 ug/dL, levels that recent studies have found to cause adverse health effects including loss of IQ points. However, only 21% of Michigan children were tested in 2010, leaving the rest vulnerable to lead poisoning without anyone knowing. Conservative estimates show that childhood lead poisoning costs Michigan at least \$3.2 to \$4.85 billion a year for just the annual loss of lifetime earnings for children with lead poisoning. This estimate does not include other costs such as medical treatment, special education and encounters with the juvenile justice system. Lead poisoned children are seven times more likely to drop out of high school. YES! Lead poisoning in Michigan is still a significant public health concern.

The Need

There is an overwhelming need to sustain the ongoing state wide



E-mail Submission

E-mail address:

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After Lead Abatement:



Share Your Story

"The lead abatement work that was done gave me the **peace of mind** knowing that the children who live in my rental units are **safe** from being infected with lead poisoning. Also, it allowed me the financial support to **upgrade** my building and **enhance** the overall living conditions of our residents. I am very grateful."

-Landlord in Detroit, MI



"...there was still lead in the house and [the state] made sure it was all **removed** before they gave the okay for baby Roger to come back to the only house he knew as **home**."

-Mother in Detroit, MI

"We are a low income family and would have not been able to replace the windows that had lead. We didn't even have any funds to replace the chip and damaged ceilings so my family and I are so **grateful** for everything that was done. Thank you all who worked hard on getting me the funding and I hope that the program will keep on **providing help** to other families who have the same needs as my family did. Thank you."

-Landlord in Detroit, MI

"I want to point out that though I am a **mother of young children**, I also do **daycare**. The soil outside my home where the children liked to play **wasn't safe** for them; there were **high levels of lead** in the soil. We didn't have the money to replace all of the windows ourselves, and **this was a hazard**, since lead levels in the windows weren't safe. The lead in my home was a hazard, not just to my children, but my daycare children as well, my nieces and nephews. **I am just so grateful** that we were able to be a part of the City of Grand Rapids *Get the Lead Out!*"

With stories like yours, we can improve the health, or even save the lives, of Michigan's children. Your stories and advice would be used to educate local, state, and federal officials, among others, about lead and its dire effects on Michigan families. The truth will be shared through our major events, letter writing campaigns, e-mail messages, social networks, and professional connections.

Your personal information, including your name, e-mail address, and street address will not be published, but your story may be added to this website.

* Required

First name: *

E-mail address: *

City (used to inform elected officials): *

Address:



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Lead In The News

To Nullify Lead, Add a Bunch of Fish Bones South Prescott, California has implemented a unique strategy of contaminating lead in the area. Alaskan polluck fishbone meal is spread along the ground, forcing the lead to transform into pyromorphite, a mineral that is not harmful to humans.

Beethoven suffered from lead poisoning New tests on Ludwig van Beethoven confirm that the famous composer suffered from lead poisoning. According to the scientists, the misery that Beethoven suffered from most of his life was from lead.

ADHD and lead: Poisoning the mind A study recently conducted by Dr. Joel Nigg found that children with high amounts of lead in their system were more likely to develop ADHD. According to this study, lead interferes with the Dopamine system, a chemical messenger associated with addition and reward.

America's falling crime rate: Good news is no news Crime rate in America has been on the decline since the 1990s. Reasons for this decline have been attributed to smarter police tactics, increased availability of legal abortion, and lower exposure to lead in children.

Grant to help create healthier homes The Ohio Department of Health recently accepted a \$2.1 million grant from the U.S. Department of Housing and Urban Development to help create healthier, lead-free homes.

Lead poisoning in China: The hidden scourge China is having problems dealing with lead poisoning in its factories. 233 adults and 99 children were found to have concentrations of lead in their blood up to seven times the level deemed safe by the Chinese government in Mengxi Villiage.

3 California condors die of lead poisoning The problems associated with lead poisoning are not only impacting our children. Three California condors, one of the most endangered birds in the world, were found dead after they ingested carcasses that had been killed with a lead bullet.





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Meeting Minutes

Meeting Dates

Today July 2011 [Print](#) [Week](#) **[Month](#)** [Agenda](#)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	Jul 1	2
3	4	5	6	7	8	9
10	11 2pm MIALSH Core Gro	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	Aug 1	2	3	4	5	6

Events shown in time zone: Eastern Time

If you would like to be included in these teleconference calls, please e-mail Carin at SpeidelC@michigan.gov for the phone number and participant code.

- [Minutes 2.14.11-1.doc](#) Meeting Minutes 2-14-2011 68k v. 3 a minute ago Elizabeth Fedorchuk

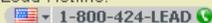
- [Minutes 5.9.11.doc](#) Meeting Minutes 5-9-2011 78k v. 1 Jun 21, 2011 7:03 AM MEC Intern



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Resources

Helpful Websites and References:

American FactFinder. Pre-1978 Housing calculated from U.S. Bureau, Census 2000. Available at <http://factfinder2.census.gov>

CLEARCorps/Detroit. CLEARCorps Detroit is a city wide program dedicated to protecting Detroit's children from lead poisoning. <http://www.clearcorpsdetroit.org/>

Early On, Assists families with infants and toddlers, from birth until they turn 36 months or 3 years of age, who may be experiencing delays in their development or if they have a diagnosed disability. <http://www.1800earlyon.org/>

Leadfreekids.org. Information and Public Service Announcements. Available at www.leadfreekids.org

MDCH, Michigan Department of Community Health, will protect, preserve, and promote the health and safety of the people of Michigan with particular attention to providing for the needs of vulnerable and under-served populations. <http://www.michigan.gov/mdch/>

MDEQ, Michigan Department of Environmental Quality, has adopted a number of core values to guide its efforts in protecting human health and the environment, and in preserving Michigan's natural heritage. <http://michigan.gov/deq/>

Michigan Department of Community Health, Childhood Lead Poisoning Prevention Program. *2009 Data Report of Blood Lead Testing and Elevated Levels.* 2009. Available at http://michigan.gov/mdch/0,1607,7-132-2942_4911_4913---.00.html

Michigan Network for Children's Environmental Health, Ecology Center. *The Price of Pollution: Cost Estimates of Environment-Related Childhood Disease in Michigan.* June 2010. Available at <http://www.mnceh.org/>





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Need more information? Find an article or study on lead that we should know about? Concerns? Want to know how you can help? Please get in touch with us!

Tina Reynolds
tina@environmentalcouncil.org

Carin Speidel
SpeidelC@michigan.gov



What Does This Have to do with ME?

- Care about kids
- Life's work/job
- \$Potential for expanded business



What Do You Want From ME?

- Spend some time on the Safe Homes/Safe Kids Website
- Talk to family, friends and local decision makers about why we need more resources to fight lead poisoning
- Consider joining the coalition



What is Standing in the Way of Ending Lead Poisoning in Michigan?

- \$
- Perceptions – doesn't affect me
- Education/awareness
- Public pressure/demand for change



Conclusion

- Safe Homes/Safe Kids can tackle these obstacles with your help
- Success means so much to Michigan's kids and Michigan's future
- Thank You!



Questions



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