LEAD-FREE KIDS AND HOMES:
Giving kids a better chance for success in school and life.

The #1 source of lead poisoning in Michigan is dust from lead paint, which is created from opening and closing painted doors and windows, performing renovations and repairs, and allowing deterioration of painted surfaces in pre-1978 homes.

- 283 kids per year, on average, were lead poisoned in Ingham County from 2008-2012

- A blood lead level of 5 µg/dL or above is the national “level of concern” for lead-poisoning

- Scores on kindergarten reading tests go down as the level of lead in a child’s blood goes up

- Lead poisoning limits brain growth and affects intelligence and behavior

Parents and Property Owners: Follow EPA Lead-Safe Renovation and Repair practices, and get a Lead Inspection Risk Assessment of pre-1978 property to show where lead hazards exist and how to control them through “lead abatement” and/or “interim controls”.

Parents and Doctors: Until age 6, kids living in pre-1978 homes need to be checked every 3-6 months for lead. Doctors are advised to order this test at each well child visit for children living in pre-1978 homes.

INFO ON LEAD GRANTS, LAWS & MORE:
www.hd.ingham.org “Environmental Health” and/or “Healthy Homes” or call 517-272-4144
RENTERS

If your child has a level of 10 µg/DL or above, your landlord must correct lead hazards to help your child get better.

Call 1-866-691-5323 to start the process.

Kids' brains don't grow as well when they have lead in their blood.

Areas affected: decision-making, mood and hand-eye coordination.

A lead poisoned child is:
- 7 times more likely to drop out of high school
- 6 times more likely to enter the juvenile justice system
- 50% more likely to do poorly on the MEAP achievement test

Source: bit.ly/19SpXx

Figure 1. Regional Brain Volume Loss for the Cincinnati Lead Study Participants. A composite representation of regions with significant volume loss for male and female participants associated with average childhood blood lead concentrations is shown with red and yellow clusters overlaid upon a standard brain template. Brain template source reference [51].doi:10.1371/journal.pmed.0050112.g001

<table>
<thead>
<tr>
<th>Year</th>
<th># lead poisoned kids</th>
<th>% tested of kids tested for lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>386</td>
<td>17%</td>
</tr>
<tr>
<td>2009</td>
<td>492</td>
<td>18%</td>
</tr>
<tr>
<td>2010</td>
<td>230</td>
<td>18%</td>
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<tr>
<td>2011</td>
<td>219</td>
<td>17%</td>
</tr>
<tr>
<td>2012</td>
<td>156</td>
<td>16%</td>
</tr>
<tr>
<td>2013</td>
<td>215</td>
<td>17%</td>
</tr>
</tbody>
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Ingham County Lead Testing Data and Census U.S. Population Data.