

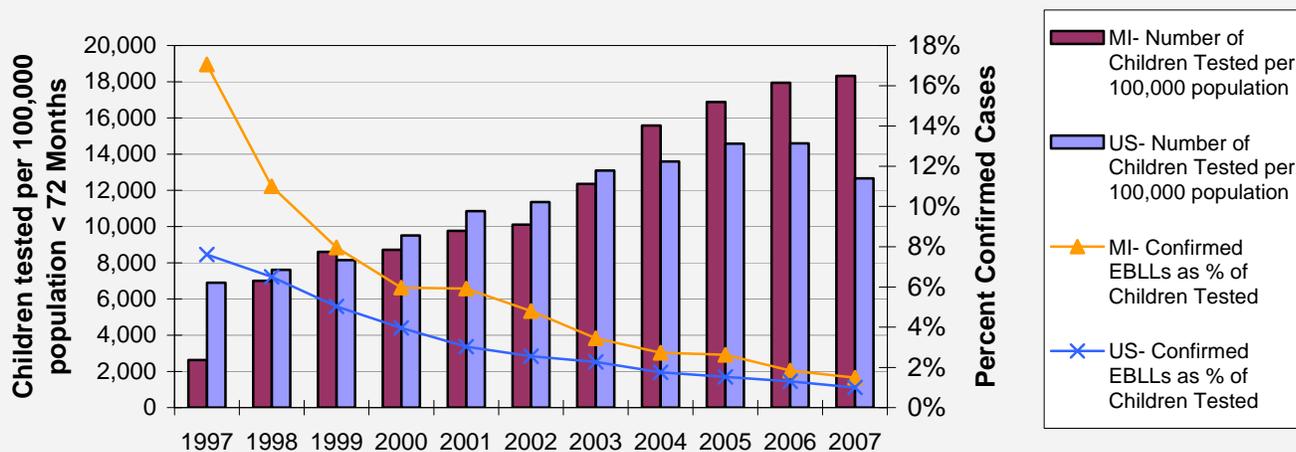
# Lead Poisoning: Children's Blood Lead Levels

**Indicator Definition:** Children tested and confirmed with elevated Blood Lead Levels (EBLLs); BLLs are elevated when the test shows a concentration of 10 µg/dL of lead in the blood, or higher.

**Indicator Overview:**

- The Childhood Lead Poisoning Prevention Program (CLPPP) was created in response to Section 5474 (2) of Public Act 219 of 1998. The goal of the program was to test children for elevated blood lead levels. The confirmed cases of elevated blood lead levels and children at higher risk would be targeted for lead poisoning prevention and treatment programming.
- According to the American Academy of Family Physicians: High lead levels in the bodies of developing children can cause problems with the brain, kidneys, and bone marrow. Lower levels of lead in the body can still cause problems, such as trouble paying attention, behavior problems, learning difficulties and a fall in the IQ of young children.

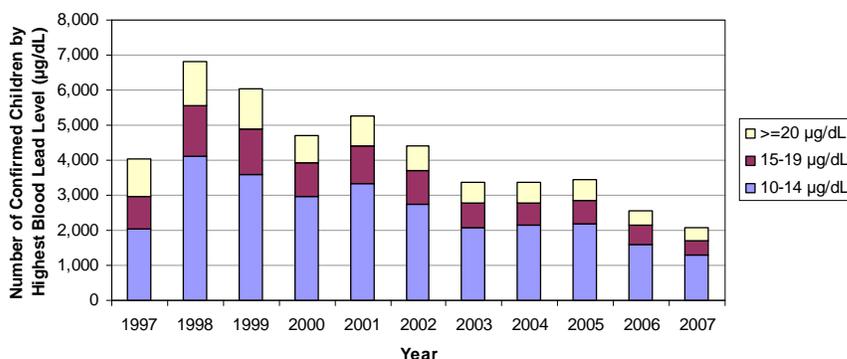
**Testing for Elevated Blood Lead Levels in Children and the Percent of Confirmed Cases in Michigan & US, 1997-2007**



**→ Trends:**

In general, as the programs increased the number of children tested since 1997, a lower percent of EBLL cases were documented each year, and this trend existed in Michigan and the U.S. as a whole. Michigan started out with about 17 percent of the children tested being confirmed with EBLL, and the percent of the children confirmed with EBLLs has decreased since 1997. As the number of confirmed cases decreased over time, the distribution of the different ranges of elevated blood lead levels remained constant.

**Elevated Blood Lead Levels in Children under 6 years**



**Links to Other Sources of Information:**

CDC Lead Poisoning Prevention: <http://www.cdc.gov/nceh/lead/tips.htm>  
 U.S. Consumer Product Safety Commission (CPSC): Lead Recalls: <http://www.cdc.gov/nceh/lead/Recalls/default.htm>  
 American Academy of Family Physicians: Preventing & Treating Lead Poisoning in Children: <http://www.aafp.org/afp/20000801/559ph.html>

**Links to Related Public Health Programs:**

Michigan's Children Lead Poisoning Prevention Program (CLPPP): [http://www.michigan.gov/mdch/0,1607,7-132-2942\\_4911\\_4913---,00.html](http://www.michigan.gov/mdch/0,1607,7-132-2942_4911_4913---,00.html)  
 Michigan's Healthy Homes Program: [http://www.michigan.gov/mdch/0,1607,7-132-2940\\_2955\\_2983---,00.html](http://www.michigan.gov/mdch/0,1607,7-132-2940_2955_2983---,00.html)