Lead Poisoning's Effects on Children and the Community

EPA Mid-Atlantic Lead Forum Hunt Valley, MD October 2nd, 2019 Ruth Ann Norton
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Lead Poisoning Effects on Children

- Learning Disabilities
- Violent, Aggressive Behavior
- Language Delay
- Attention Deficit Disorder
- Hyperactivity
- Decreased Intelligence (I.Q.)
- Reduced Motor Control and Balance
- Hearing and Memory Problems



Children poisoned by lead are:

- 7 times more likely to drop out of school
- 6 times more likely to be in the juvenile justice system

*Increased early mortality for adults

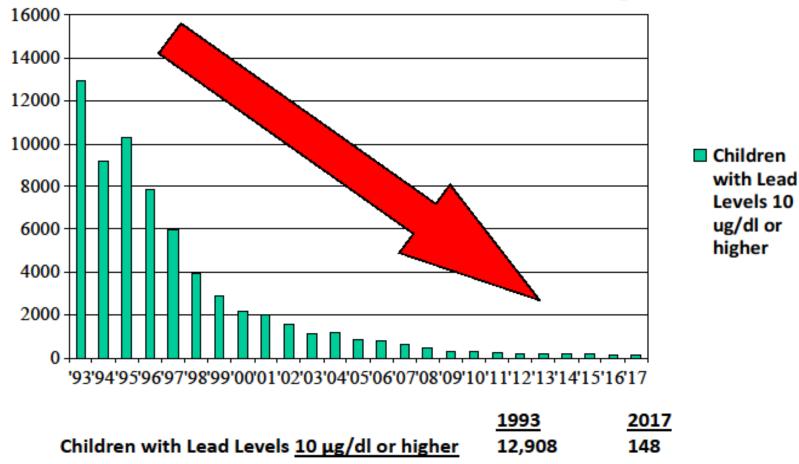


In 1993, over 12,908 children annually in Baltimore had elevated blood lead levels



Census Tract	Percentage of children tested and found to have elevated blood lead levels (10 ug/dl or higher)
806-Broadway/	82.23%
East Oliver	
807-Broadway/	70.89%
East Oliver	
808-Middle East	65.15%

Dramatic Decline in Lead Poisoned Children in Baltimore City



Source: MDE 2017 Annual Lead Report