

Blood Lead Levels	Educational Impact	Size of Study	Location of Study
≤ 3µg/dL	Decreased end-of-grade test scores	More than 57,000 children	North Carolina
4 µg/dL at three years of age	Increased likelihood learning disabled classification in elementary school	More than 57,000 children	North Carolina
	Poorer performance on tests	35,000 children	Connecticut
5 µg/dL	30 percent more likely to fail third grade reading and math tests	More than 48,000 children	Chicago
	More likely to be non-proficient in math, science, and reading	21,000 children	Detroit
Between 5-9 µg/dL	Scored 4.5 points lower on reading readiness tests	3,406 children	Rhode Island
≥10 µg/dL	Scored 10.1 points lower on reading readiness tests	3,406 children	Rhode Island
Between 10 and 19 µg/dL	Significantly lower academic performance test scores in 4th grade	More than 3,000 children	Milwaukee
≥ 25 µg/dL	\$0.5 million in excess annual special education and juvenile justice costs*	279 children	Mahoning County, Ohio

www.nchh.org/Portals/0/Contents/Childhood_Lead_Exposure.pdf

*Stefanak, M., Diorio, J., & Frisch, L. (2005, May-June). Cost of child lead poisoning to taxpayers in Mahoning County, Ohio. *Public Health Reports*, 120(3), 311-315. Accessed online March 21, 2014 from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1497725/>