

Nearly 4,000 US Communities Have High Rates of Child Lead Poisoning

Higher Than Flint, Michigan

By [Jerry White](#)

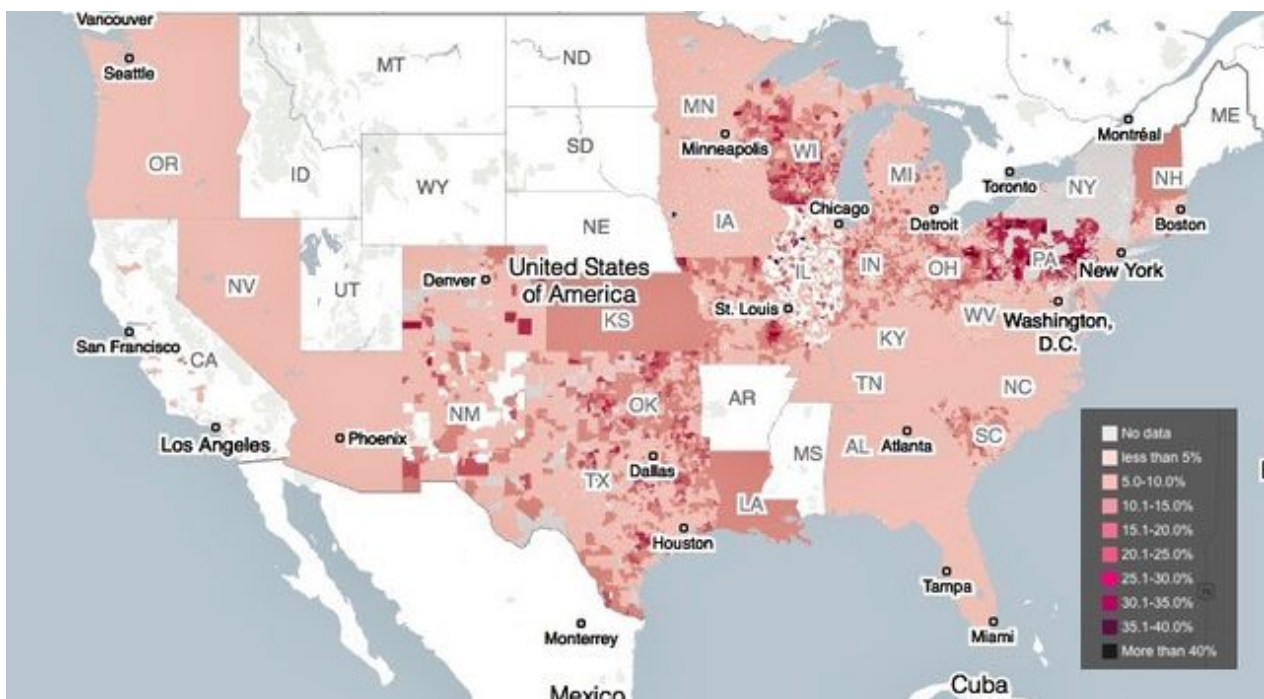
Global Research, November 16, 2017
[World Socialist Web Site](#)

Region: [USA](#)

Theme: [Environment](#), [Law and Justice](#),
[Science and Medicine](#)

*In an updated study, Reuters news agency has identified **3,810 neighborhoods where recently recorded child lead poisoning rates are at least double those found in Flint, Michigan** during the height of that city's water crisis in 2014 and 2015. In some 1,300 of these "hotspot" communities, the percentage of children six and under with elevated lead levels was at least four times the percentage in Flint during the peak of the crisis.*

In pockets of Baltimore, Cleveland and Philadelphia, where lead poisoning has spanned generations, Reuters reported that the rate of elevated tests over the last decade was 50 percent or higher. An [interactive map](#) released with the study shows one census tract in Buffalo, New York—a former steel and auto center that, like Flint, has suffered decades of deindustrialization—where 68 percent of the children had high levels of lead.



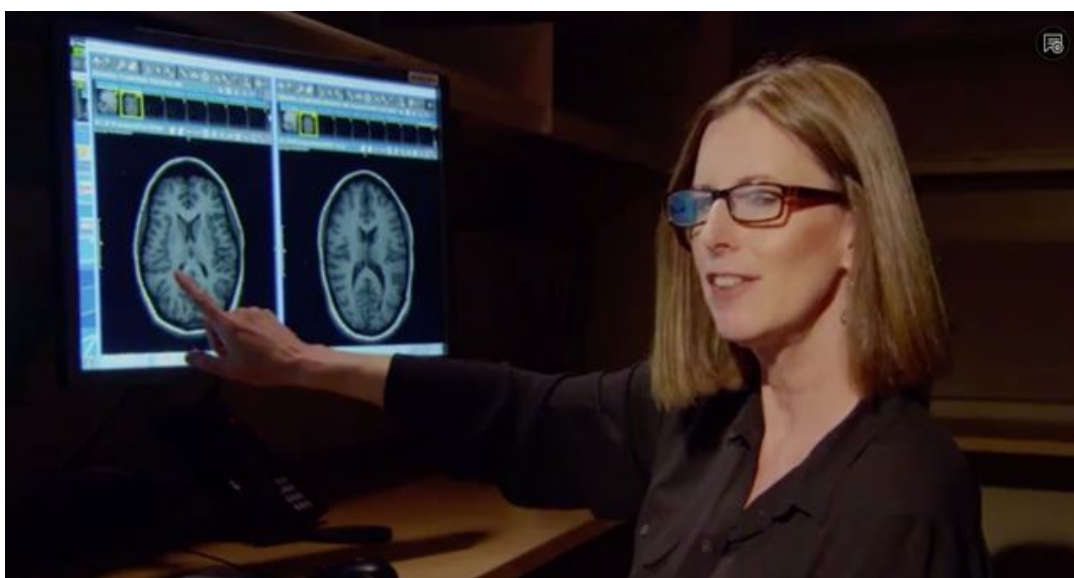
Map of lead concentrations in the United States

The ingestion of any amount of the heavy metal, whether through tainted water, lead-based paint, contaminated soil or fumes and dust, can do irreparable harm to children. This includes impeding the development of the brain and nervous system, lowered IQ, memory

loss, hearing and speech problems, and behavioral and attention-related problems. The toxin, which remains in the body and can be passed on for generations, is also responsible for a host of adult health problems, including decreased kidney function, high blood pressure, tremors and infertility.

In the year following the switchover of Flint to water from the polluted Flint River, which caused leaching from the city's antiquated lead pipe system, five percent of the children who had their blood tested showed lead levels in excess of five micrograms per deciliter. This is the threshold requiring immediate public health intervention, according to the US government's Centers for Disease Control and Prevention (CDC), which acknowledges that there is no safe level of exposure to lead.

Reuters used data collected by the CDC based on neighborhood-level blood testing results for 34 states and the District of Columbia. As devastating as the results are, they do not provide a full picture. The CDC funds 35 state and local health departments for lead surveillance. Reporting is voluntary in the remaining states, many of which do not have staff to collect data. Despite the well-known public health hazard, the US government does not require reporting and does not oversee the systematic collection and analysis of data on lead poisoning.



Dr. Kim Cecil of the Cincinnati Lead Study shows how the brain is damaged by lead poisoning

Reuters says this is the first look at data broken down by census tracts, which are small county subdivisions averaging 4,000 citizens, or by zip codes, with average populations of 7,500. In December, Reuters noted that far from being the exception, Flint did not even rank among the most toxic cities in America. It pointed to Warren, Pennsylvania, a town on the Allegheny River, where 36 percent of the children tested had high lead levels, to a zip code on Goat Island, Texas, where a quarter of tests showed poisoning.

The newest map includes additional data collected this year by Reuters from Kansas, Georgia, Tennessee, Vermont, North Carolina, New York City and Washington, D.C. The newly identified areas with high levels of child lead poisoning include a historic district in Savannah, Georgia, areas in Rutland, Vermont near a popular skiing area, and a largely Hasidic Jewish area in Brooklyn, New York.

Like Flint, which has acres of land polluted by General Motors and other industrial firms, impoverished homes with peeling paint, and underground lead water mains and service lines, the areas throughout the US with the worst lead poisoning are invariably working class and poor.

There has been a sharp decline in poisoning since lead was removed from paint in 1976 and gasoline in 1995, the latter after more than a decade of resistance by the oil industry. The elimination of lead poisoning, however, is not possible due to lead pipes, residual lead paint in poor urban and rural areas, and former or current industrial sites polluted with lead.



The Flint River

“The dramatic decline in blood lead over the last several decades in the US is a public health triumph, resulting from control of lead in gasoline, paint, food, water, soil, consumer products and other sources,” said **Marc Edwards**, a professor of environmental and water resources engineering at Virginia Tech University, who was instrumental in exposing the lies of state and local officials who claimed that Flint’s water was safe.

He continued:

“Before the increased use of lead in paint and gasoline, lead in water was once the dominant source of human lead exposure in the United States, and it was generally acknowledged to cause widespread lead poisoning, fatalities and adverse pregnancy outcomes. Flint is yet another reminder that we must remain vigilant to harm caused by all lead sources, especially lead pipes, which are out of sight and out of mind. It is also the only government-owned source of lead, which directly affects potable water, a product intended for human consumption. Flint is just the most recent example of how this inherent conflict has harmed people.”

The poisoning of Flint was brought into the national and international spotlight only due to the courageous efforts of the city’s working class residents and science professionals like Edwards and pediatrician and public health advocate **Dr. Mona Hanna-Attisha**. She was denounced by Governor Rick Snyder’s office for “slicing and dicing” the results of blood

samples.

Flint became a symbol of everything that was wrong in America: corporate and political criminality and the indifference of both the Democrats and Republicans to the plight of working people. The media, celebrities and politicians from **Barack Obama** to **Hillary Clinton** and **Bernie Sanders** poured into the town and legal proceedings were initiated against several lesser figures involved in the crime and cover-up. More than three years since the switch to the Flint River, however, nothing has been done to make the residents whole.

The new report from Reuters has been largely ignored by the rest of the corporate-controlled media, which originally presented the Flint crisis as an anomaly, until it was unable to deny the massive and nationwide scale of the problem. Far from committing the necessary resources, including an estimated \$500 billion to \$1 trillion to replace the nation's lead pipes, the Obama and Trump administrations have failed to provide any significant funding to address this public health care threat, even as they have squandered trillions on bank bailouts, military spending and tax cuts for the wealthy.

Trump's 2018 budget request includes a \$1.2 billion, or 17 percent, cut to the CDC and the Agency for Toxic Substances and Disease Registry.

All images, except the featured, are from the author.

The original source of this article is [World Socialist Web Site](#)

Copyright © [Jerry White](#), [World Socialist Web Site](#), 2017

[Comment on Global Research Articles on our Facebook page](#)

[Become a Member of Global Research](#)

Articles by: [Jerry White](#)

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: publications@globalresearch.ca
www.globalresearch.ca contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: publications@globalresearch.ca