

Michigan may require lead screening of all young children

17 November 2016, by David Eggert



In this Jan. 26, 2016, file photo, registered nurse Brian Jones draws a blood sample from a student at Eisenhower Elementary School in Flint, Mich. The state, where a man-made water crisis is still roiling one of its biggest cities, will consider requiring all infants and toddlers to be tested for lead poisoning as part of an initiative to eradicate children's exposure to the neurotoxin across the state. The recommendation is among several unveiled Thursday, Nov. 17, by a state board that Gov. Rick Snyder tasked with proposing a strategy to protect children from all sources of lead poisoning. (AP Photo/Carlos Osorio, File)

Michigan, where a man-made water crisis is roiling one of its biggest cities, will consider requiring all infants and toddlers to be tested for lead poisoning as part of an initiative to eradicate children's exposure to the neurotoxin statewide.

The recommendation is among many unveiled Thursday by a state board that Gov. Rick Snyder tasked with proposing a strategy to protect children from all sources of lead poisoning.

The emergency in Flint stems from old lead pipes contaminating the water after the city was switched in 2014 from Detroit's water system to improperly treated Flint River water while under state financial

management. But lead poisoning is more frequently linked to paint and dust in older housing and soil. The toxin was banned from paint in 1978.

The Child Lead Poisoning Elimination Board's report calls for the screening of all children for lead by the time they turn 1 and again between ages 2 and 3. Such testing is currently only required for low-income kids in the Medicaid or Women, Infants, and Children (WIC) programs.

Under the federal health care law, lead screening for children at risk of exposure is considered a preventive service for which insurers cannot apply copays, deductibles or coinsurance.

The report also recommends requiring that a lead inspection and risk assessment be done when any house built before 1978 is sold or transferred, unless lead in the home has already been fully addressed. If lead hazards were found, abatement would be required at the point of sale or transfer.

In newer homes, the dust, soil and water would have to be tested. The owner would be required to disclose the information to a future buyer or renter.

Lt. Brian Calley, who chairs the board, said "great strides" were made when lead was removed from paint and gasoline decades ago but that since then lead-prevention efforts "kind of fell off the radar."

The current focus is on responding when kids have elevated levels of lead in their blood.

"That's just not good enough on its own," Calley said Thursday. "Preventing the poisoning from happening in the first place ... is where we want to shift the focus."

The report says blood-lead screening rates are "very low" and cites inadequate federal and state funding, which has led to a depleted local public health infrastructure that is unable to fully apply

current laws and regulations.

Calley, who said it will take "a generation" to implement the proposals, pointed to the U.S. government's "huge" approval this week of a waiver so Michigan can spend \$119 million in predominantly federal money over five years to remove lead hazards from the homes of low-income residents in Flint and other communities. The Snyder administration also plans to propose lead-prevention funding in the next state budget.

According to the report, identified cases of child lead poisoning have declined significantly in Michigan. In 1998, 44 percent of children under age 6 who were tested had elevated blood-lead levels. It was 3.4 percent in 2015, or nearly 4,800 children of about 141,000 tested.

But Calley cautioned that only universal screening of young children and full reporting of results to a surveillance system for data analysis will help pinpoint the actual prevalence of lead exposure. About 38 percent of all Michigan 1- and 2-year-olds were tested last year.

It was not immediately known how many states require universal screening. Massachusetts has such a requirement, and Maryland last year announced a plan calling for all children there to be tested at ages 1 and 2.

The 12-member board includes top officials in the Snyder administration and outside experts such as Dr. Mona Hanna-Attisha, who helped expose Flint's crisis more than a year ago after state officials initially dismissed her findings.

She said universal lead screening of children was done in the past, but that "the world of medicine and public health thought we took care of lead" only to learn since that there is no safe level.

"We need to know where our children are that are being exposed so that we can identify target areas and then go back to that primary prevention work," Hanna-Attisha said.

Also Thursday, state attorneys asked a federal judge in Detroit to halt his order that bottled water

be delivered to lead-tainted homes in Flint unless residents opt out or officials verify that a filter has been properly installed. They said the injunction issued last week "far exceeds" what is necessary to ensure that residents have safe drinking water, and the state is likely to succeed on appeal.

Henry Henderson, Midwest director for the Natural Resources Defense Council, one of the plaintiffs in the lawsuit, said trying to delay the order "is an obvious insult to the people of Flint, whose tap water has been contaminated with lead for more than two years."

More information: Child Lead Poisoning Eliminate Board report: bit.ly/2g2esFU

© 2016 The Associated Press. All rights reserved.

APA citation: Michigan may require lead screening of all young children (2016, November 17) retrieved 1 March 2021 from <https://phys.org/news/2016-11-michigan-require-screening-young-children.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.