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Title: Lead Concerns

Introduced by: Jaime Aragones, MD, and Theodore Roumell, MD, for the Oakland County Delegation

Original Author: Jaime Aragones, MD, and Theodore Roumell, MD

Referred to: Reference Committee D

House Action: **AMEND**

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Whereas, leaded gasoline, leaded paint in houses, and leaded pipes are sources of lead poisoning that have become a problem in the US, as well as a globally, and

Whereas, about 300,000 tons of lead per year were emitted during the era of leaded gasoline, of which 7 million tons in the US and 8 million tons worldwide now deposited in soil and ongoing sources of legacy lead have resulted in elevated blood levels (~20 µg/dL) for 30 million Americans and 120 million people worldwide, and

Whereas, adding to these legacy lead deposits are ongoing lead emissions coming from various sources including mining and smelting of ore, manufacture of lead-containing products, combustion of coal and oil, waste incineration, contaminated soil and other sources of lead exposure from occupational hazards including battery manufacturing plants, rubber products and plastics industries, bridge maintenance and repair workers, municipal waste incinerator workers, radiator repair mechanics, recyclers of metal, electronics & batteries, firing-range workers, gunsmiths or police officers, foundries and scrap metal operations, lead smelters, manufacturers of bullets, ceramics, electronics or jewelry, sanders of lead-based paint; pre-1978 building renovators, soldering/steel welding/cutting operations, and

Whereas, toxic lead exposure also comes from hobbies including casting bullets or fishing sinkers, home remodeling, auto repair, target shooting at firing ranges, lead soldering, stained glass making, ceramic-ware, glazed pottery making, substance use, some folk remedies, some "health foods, and moonshine whiskey makers, and

Whereas, lead toxicity affects all functions of the body manifested in various morbidities including neurological impairment (peripheral neuropathy, fatigue /irritability, impaired concentration, hearing loss, wrist/foot drop, seizures, encephalopathy), gastrointestinal effects (nausea, dyspepsia, constipation, colic), reproductive effects (miscarriages/stillbirths, reduced sperm count and motility, abnormal sperm), anemia, erythrocyte protoporphyrin elevation, renal effects (chronic nephropathy with proximal tubular damage), hypertension, arthralgia, myalgia; therefore be it

RESOLVED: That MSMS continue to pursue programs, recommendations, and education for health care professionals and patients designed to provide public protection and safety from lead toxicity; and be it further

RESOLVED: That MSMS supports the performance of lead blood testing for all ages during doctor visits based on indication of lead exposure from any number of sources.

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WAYS AND MEANS COMMITTEE FISCAL NOTE: NONE