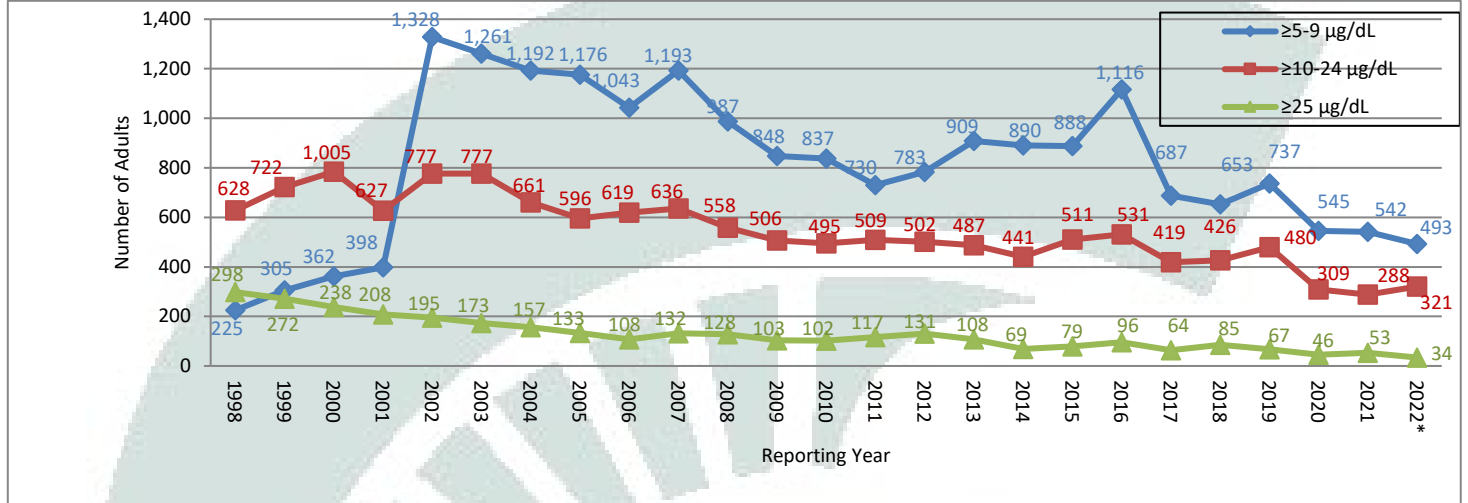


# Tracking Adult Blood lead in Michigan

Additional information available at [www.oem.msu.edu](http://www.oem.msu.edu)

## Summary Statistics

### Number of Individuals with Elevated Lead, Michigan 1998-2022



\*2022 preliminary data as of 1/25/2023

Beginning in 2022, blood lead levels (BLLs)  $\geq 3.5$ - $4.9 \mu\text{g/dl}$  have begun to be tracked; 280 individuals were reported. The adults BLLs  $\geq 3.5 \mu\text{g/dL}$  were likely to be male (86.9%) and white (77.0%). Their mean age was 46.6. They were most likely to live in Wayne (19.1%), Saint Clair (9.4%), and Oakland (6.8%) counties.

### Work-Related Exposure Sources for Individuals with Blood Lead $\geq 10 \mu\text{g/dL}$ , Michigan 2020-2021

NORA Sector Group <sup>a</sup>	NAICS Code <sup>b</sup>	#	%
Agriculture, Forestry & Fishing (except Wildland Firefighting)		11	0
Construction		23	61
Healthcare & Social Assistance	62, 54194, 81291	2	0.8
Manufacturing	31-33	101	39.3
Mining (except Oil & Gas Services)		21	0
Oil & Gas Extraction	211, 213111, 213112	0	-
Public Safety (including Wildland Firefighting)	92212, 92214, 92216, 62191	7	2.7
Services (except Public Safety)	51, 52, 53, 54, 55, 56, 61, 71, 72, 81, 92	36	14.0
Transportation, Warehousing & Utilities	48-49, 22	30	11.7
Wholesale & Retail Trade	42, 44-45	20	7.8
<b>Total</b>		<b>257<sup>c</sup></b>	<b>100.0</b>

<sup>a</sup> National Occupational Research Agenda (NORA). <sup>b</sup> North American Industry Classification System (NAICS). <sup>c</sup> Another 122 were work-related; however, the industry was unknown.



Exposure typically occurs where individuals perform abrasive blasting to remove lead paint on outdoor metal structures such as bridges, overpasses, or water towers; cast brass or bronze fixtures; clean or refurbish batteries; fabricate metal products; or are exposed to lead fumes/dust from firing guns or cleaning at firing ranges.

January 31, 2023

