

**PURPOSE**

To specify the result of a blood lead test with two significant figures considered by the Michigan Department of Health and Human Services (MDHHS) Childhood Lead Poisoning Prevention Program (CLPPP) to represent an elevated blood lead level for children under six years of age.

**DEFINITIONS**

- Michigan Department of Health and Human Services (MDHHS).
- Childhood Lead Poisoning Prevention Program (CLPPP).
- Micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ).
- Elevated blood lead level (EBLL).
- Advisory Committee on Childhood Lead Poisoning Prevention (ACCLPP).
- Centers for Disease Control and Prevention (CDC).
- Michigan Childhood Lead Poisoning Surveillance (MiCLPS).

**BACKGROUND**

In 2012, the CDC ACCLPP recommended that a blood lead test result of  $5 \mu\text{g}/\text{dL}$  or higher identified children (under six years of age) with an EBLL. From 1997 through 2017, CLPPP utilized a database management system that stored blood lead test results ( $\mu\text{g}/\text{dL}$ ) in whole numbers. Test results of 4.5-4.9 were rounded to 5, the nearest whole number, and considered to be elevated per the ACCLPP's recommendation. In 2017, CLPPP replaced the existing database management system with the MiCLPS system. MiCLPS has the capability of receiving, storing, and sharing unrounded test results.

**POLICY**

For as long as the CDC-defined EBLL is  $5 \mu\text{g}/\text{dL}$ , the MDHHS CLPPP will consider any test result of  $4.5 \mu\text{g}/\text{dL}$  or higher to represent an EBLL for children under six years of age.

**REFERENCES**

CDC. Low level lead exposure harms children: a renewed call for primary prevention: report of the Advisory Committee on Childhood Lead Poisoning Prevention of the Centers for Disease Control and Prevention. Atlanta, GA: US Department of Health and Human Services, CDC; 2012. [CDC's Childhood Lead Poisoning Prevention Program/Recommendations of the Advisory Committee for Childhood Lead Poisoning Prevention \(https://www.cdc.gov/nceh/lead/ACCLPP/Final\\_Document\\_030712.pdf\)](https://www.cdc.gov/nceh/lead/ACCLPP/Final_Document_030712.pdf).

**CONTACT**

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