

Monroe County Department of Public Health

Lead Data Definitions 2018

Definitions for data analysis

- For all Data related to Lead Testing/Screening (unless for a specified sub-population), use ≤ 6.00 for age (from birth - 72 months)
- When looking at 1 and 2 year old children, the definition is ≥ 1.00 years and ≤ 2.99 years
- Lead levels requiring environmental and medical follow-up are reported as ≥ 15 $\mu\text{g}/\text{dl}$. Lab tests reporting 14.5 - 14.9 will be rounded and counted as ≥ 15 $\mu\text{g}/\text{dl}$ for the purpose of determining that follow-up is needed.

Definitions for spreadsheet children birth to ≤ 6.00 yrs. old (72mos) at time of test)

- Total number of children who had a blood lead test (Purpose = Initial, Repeat or Confirmed and Type= Fingerstick or Venous)
- # Screened (Purpose = Initial, Repeat, Confirmed and Type= Fingerstick or Venous)
- # Screened between 5 – 9 $\mu\text{g}/\text{dl}$ (Purpose = Initial, Repeat, Confirmed and Type= Fingerstick or Venous for lab tests reporting 5.0 to 9.4 $\mu\text{g}/\text{dl}$)
- # With confirmed 5 – 9 $\mu\text{g}/\text{dl}$ (Purpose = Venous for lab tests reporting 5.0 to 9.4 $\mu\text{g}/\text{dl}$)
- # Screened ≥ 10 $\mu\text{g}/\text{dl}$ (Purpose = Initial, Repeat , Confirmed and Type= Fingerstick or Venous for lab tests reporting ≥ 9.5 $\mu\text{g}/\text{dl}$)
- # With confirmed ≥ 10 $\mu\text{g}/\text{dl}$ (Purpose = Venous for lab tests reporting ≥ 10 $\mu\text{g}/\text{dl}$)
- # With confirmed lead levels ≥ 15 $\mu\text{g}/\text{dl}$ (Purpose = Initial, Repeat or Confirmed and Type= Venous for lab tests reporting ≥ 14.5 $\mu\text{g}/\text{dl}$.)
- # With confirmed lead levels ≥ 20 $\mu\text{g}/\text{dl}$ (Purpose = Initial, Repeat or Confirmed and Type= Venous for lab tests reporting ≥ 19.5 $\mu\text{g}/\text{dl}$.)
- City and Combined City/Suburban Zip Codes (f.k.a High Risk Zip Codes) = 14604, 14605, 14606, 14607, 14608, 14609, 14610, 14611, 14612, 14613, 14614, 14615, 14619, 14620, 14621
- Children ages 1 and 2 = ≥ 1.00 years and ≤ 2.99 years

Who is counted in screening numbers?

The number of children (unduplicated) who had a fingerstick or venous blood screening lead test within the 2018 calendar year. If a child has never been tested or is being tested after the child has been under management (active) and then was discharged, the test would be considered an initial screen (I). If the child has been tested routinely, the test is called a repeat screen or a re-screen (R). The number screened reflects both the (I) and (R). Children who are under case management are not counted in these numbers. Case management is provided for all children with a confirmed blood test of ≥ 15 $\mu\text{g}/\text{dl}$. These children are in case management until they have several tests below 15 $\mu\text{g}/\text{dl}$ or 10 $\mu\text{g}/\text{dl}$.

Please note: As of the 2014 Lead Screening reporting the 5-9 (5.00 to 9.4999) category which is F and V's DOES NOT include patients in the 10 and above.

As of the 2017 Lead Screening reporting the 5-9 (5.00 to 9.4999) category will also include a line reflecting confirmed results (Venous) and Lead Screening reporting the $\geq 10(9.5)$ $\mu\text{g}/\text{dl}$ category will also include a line reflecting confirmed results (Venous)

Also, once data have been collected and the program staffs are satisfied that the data are correct, the report will not be rerun. This is because as data are cleaned and corrected over time, there can be slight variations in data reports. To avoid future confusion, a snapshot has been taken as of 5/28/2018.

In the event that data are requested in a different format that may have variations as noted above from our standard reports, an explanation of these differences should be included in the context of the tables or graphs that are provided to the requestor.