

In 2022, new state legislation passed to update lead poisoning standards in Connecticut. These changes are effective January 1, 2023. To learn more about the act reducing lead poisoning, please reference Public Act No. 22-49.

Requirements and Guidance for Childhood Lead Screening for Healthcare Providers in Connecticut

Revised 2023



Summary of Requirements and Guidance

Childhood lead screening and reporting requirements can be found in the Connecticut General Statutes Sections [19a-111g](#) and [19a-110](#) and in [PA 22-49](#).

Universal blood lead screening is mandated in Connecticut.



- All children between the ages of 9 and 35 months must be tested annually for lead in blood.
- All children between the ages of 36 and 72 months must be tested, if not previously tested for lead in blood or if at an elevated risk based on medical assistance program enrollment or a residence in a municipality that presents an elevated risk of lead exposure based on factors, including, but not limited to, the prevalence of housing built prior to January 1, 1960, and the prevalence of children's blood lead levels greater than 5µg/dL.
- All children under 72 months must be tested if clinically indicated.
- Medical providers must provide education and guidance to parents regarding lead poisoning prevention before testing.
- Medical providers must conduct a medical risk assessment at least annually for children between the ages of 36 months and 72 months. Refer to *Risk Assessment Guidance* for questions and recommendations.

Children with an elevated blood lead level should receive additional follow-up screening.



- If a capillary blood lead test is elevated (equal to or greater than 3.5µg/dL), confirm with a venous blood lead test.
- Children should be re-tested until the blood lead level is below the blood lead reference value of 3.5µg/dL.
- Refer to Table 1. *Capillary Blood Lead Result Follow-up Schedule* and Table 2. *Venous Blood Lead Result Follow-up Schedule* for follow-up guidance.

Healthcare providers who use LeadCare 2 analyzers must report blood lead results to the CT Department of Public Health (DPH).



- Blood lead test results equal to or greater than 3.5µg/dL must be reported to DPH and the child's local health department within 48 hours.
- All other blood lead test results must be reported to DPH, monthly. Healthcare providers who screen for lead in-office or laboratories who analyze results are responsible for reporting to DPH.
- Providers shall make reasonable efforts to notify parents/guardians of children under the age of three years, of blood lead test results equal to or greater than 3.5µg/dL within 72 hours after receiving a result.
- Refer to Table 3. *Blood Lead Level Reporting Requirements* for more information on reporting requirements.

Contact CT DPH's Childhood Lead Poisoning Prevention and Control Program for more information.



(phone): 860.509.7299 | Secure (fax): 959.200.4751 | (website): www.ct.gov/dph/lead

Table 1. Capillary Blood Lead Result Follow-up Schedule

Blood Lead Level (µg /dL)	Venous Follow-up Testing ¹
Less than 3.5	Follow-up testing is not required. Prevention education should be provided.
3.5 to 9.9	Within 3 months
10 to 19.9	Within 1 month
20 to 44.9	Within 2 weeks
Greater than or equal to 45	Within 48 hours

¹The higher the result on the capillary test, the more urgent the need for venous testing.

Table 2. Venous Blood Lead Result Follow-up Schedule

Blood Lead Level (µg /dL)	Early Follow-up Testing ²	Late Follow-up Testing ³
Less than 3.5	Follow-up testing is not required. Prevention education should be provided.	
3.5 to 9.9	3 months	6 to 9 months
10 to 19.9	1 to 3 months	3 to 6 months
20 to 44.9	2 weeks to 1 month	1 to 3 months
Greater than or equal to 45	As soon as possible	Contact Regional Lead Treatment Center

²Two-four tests after identification of an elevated lead in blood level.

³After blood lead level begins to decline.

Table 3. Blood Lead Level Reporting Requirements ⁴

Blood Lead Level (µg /dL)	Report to	Report within	Reporting Method ^{5,6}	Required Patient Information ⁷	Required Provider Information ⁷
Less than 3.5	DPH	30 days	Monthly Report	Name	Name
3.5 and greater	DPH & Local Health	48 hours	Fax	Full residence address	Practice address
				Date of birth	Telephone number
				Gender	Sample collection date
				Race and ethnicity	Analysis date
				Blood lead result	Test type (capillary or venous)
					Blood lead result

⁴Reporting requirements apply to providers testing in-office using a LeadCare® machine or to labs analyzing blood lead results. If blood is not tested in-office, provider should ensure that lab will report on their behalf.

⁵Report all blood lead levels to DPH via a monthly report. Call the Childhood Lead Poisoning Prevention Program for details about how to submit monthly lead reports at [860.509.7299](tel:860.509.7299).

⁶Fax elevated blood lead levels greater than 3.5µg/dL to DPH at [959.200.4751](tel:959.200.4751), even when a confirmatory venous is pending or low. Also report to the local health department.

⁷Include all required patient and provider information in report.

A. Clinical Consultation and Support Services



[The Connecticut Children's Lead Treatment Center](#)

860.837.9901

[Yale New Haven Children's Hospital's Lead Poisoning and Regional Treatment Center](#)

203.688.2195

B. Risk Assessment Guidance

Question	Example	Risk
Does your child live in or regularly visit a home or facility built before 1978?	Also ask about day care center, preschool, relative or babysitter's home, a recent move, etc.	If the answer to any of these questions is YES or UNKNOWN Child may be at risk and should be screened.
Does your child have a family member or friend that is being treated for lead poisoning?		
Does your child encounter an adult whose hobby or job exposes them to lead?	Construction, welding, firing range, metal fabrication, weapon manufacturing, electronics, or other trades.	
Has your child been exposed to imported products such as spices, foods, vitamins, ethnic home remedies, etc.?	Azarcon, albayalde, greta, pay-loo-ah, ghasard, bala goli, kandu, kohl, litargirio, bebetina, and chyawan prash. Glazed imported pottery for eating or cooking	

C. Educational Resources



[For Medical Providers](#)



[For Parents](#)