



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
HEALTHY CHILDREN AND YOUTH (HCY) LEAD RISK ASSESSMENT GUIDE

CHILD'S NAME:		DATE OF BIRTH:	AGE:	TODAY'S DATE:
PROVIDER NAME/TITLE:		PROVIDER ADDRESS:	PROVIDER PHONE:	
PARENT/GUARDIAN:		ADDRESS:	PHONE:	

Circle the appropriate answer: Any response of yes or unknown requires immediate capillary or venous blood lead testing.

1. Have siblings, housemates, or playmates with lead poisoning (lead levels of 5 mcg/dL or higher)?	No	Yes	Unknown
2. Live in or visit a home or daycare built before 1978 with old deteriorated paint or remodeling in the last 6 months?	No	Yes	Unknown
3. Mouth or eat non-food items such as dirt, crayons, paper, keys, etc.?	No	Yes	Unknown
4. Play in bare soil, reside in areas near lead tailings piles, or near smelting or battery recycling plants, large airports, or other industry likely to release lead?	No	Yes	Unknown
5. Resides with an individual that works with or has hobbies using lead?	No	Yes	Unknown
6. Receive or use cultural medicines, cultural make-up, or folk remedies?	No	Yes	Unknown
7. Been adopted from, lived in, or visited another country within the last 6 months?	No	Yes	Unknown

COMMON LEAD EXPOSURE SOURCES

OCCUPATIONS	HOBBIES/ACTIVITIES	CULTURAL MEDICINES & COSMETICS	ENVIRONMENTAL/MISCELLANEOUS
Auto repair, mechanics Battery or plastic manufacturers Lead miners, smelters, and refiners Plumbers, pipe fitters Brass/copper foundry Industrial machinist Steel welders/cutters Construction workers Bridge reconstruction workers Building demolition	Home remodeling Target shooting at firing ranges Preparing lead shot, bullets, or fishing sinkers Lead soldering (electronics) Stained glass making Glazed pottery making Car or boat repair Furniture refinishing Drinking home distilled liquids Artistic glazes or pigments containing lead	<u>Mexican:</u> Azarcon, greta. Also known as Liga, Marla Lulsa, Alarcon, coral, rueda <u>Asian:</u> Chuifong tonkuwan, pay-loo-ah, ghassard, bali goli, kandu <u>Middle Eastern:</u> alkoohl, kohl, surma, saoott, cebagin, ghasard <u>Chinese:</u> ba-baw-san <u>Thailand/Burma:</u> Daw Tway	Jewelry (metal based or painted) Ceramic ware/pottery, lead crystal Mouthing house/car keys, jewelry Soil/dust near industries/roadways/airports Proximity to lead related industries Imported lead soldered cans Plumbing or water line leachate Leaded gasoline Crayons Mini-blinds Antique painted or lacquered furniture

Lead Testing Requirements for Missouri Children

- Child under the age of 4, testing shall be offered
- Between 48 and 72 months:
 - Complete lead risk questionnaire
 - If any answers are yes/unknown, testing shall be offered

Lead Risk Questionnaire Instructions for Health Care Providers:

- A complete lead risk assessment consists of the clinician's verbal review of all questions at each well visit between 6 and 72 months and includes discussion with parent/guardian regarding common lead exposure sources in children's environments as well as educational and anticipatory lead poisoning prevention guidance.

If parent/guardian refused this questionnaire or blood lead testing, obtain their signature and reason and forward copy to their primary care physician if other than this is provided:

PARENT/GUARDIAN SIGNATURE:	DATE:
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REASON FOR REFUSAL

Recommended Blood Lead Testing Schedule and Actions Based on Blood Lead Level (BLL) **LAB is to report by Fax or email
ALL BLL's to DHSS: 573-526-6946 (including LeadCare Analyzers[®]) or DHSS.leadresults@health.mo.gov

Schedule to Obtain CONFIRMATORY VENOUS Blood Lead Test		Schedule to Obtain FOLLOW-UP VENOUS Blood Lead Testing		
CAPILLARY BLL micrograms (µg)/dL	Time to VENOUS Confirmation Testing	VENOUS BLL micrograms (µg)/dL	EARLY VENOUS Follow-up Testing (2-4 tests after initial elevation)	LATER VENOUS Follow-up Testing (After BLL declining)
≥ 3.5 - 9 µg/dL <i>**Labs Report within 3 days</i>	1-3 months	≥ 3.5 - 9 µg/dL <i>**Labs Report within 3 days</i>	3 months*	6-9 months
10 - 44 µg/dL <i>**Labs Report within 3 days</i>	1 week - 1 month	10 - 19 µg/dL <i>**Labs Report within 3 days</i>	1-3 months*	3-6 months
45 - 59 µg/dL <i>**Fax BLL results and call DHSS*** IMMEDIATELY</i>	Within 48 hours (Request STAT VENOUS lab draw <u>and</u> analysis)	20 - 24 µg/dL <i>**Labs Report within 3 days</i>	1-3 months*	1-3 months
60 - 69 µg/dL <i>**Fax BLL results and call DHSS*** IMMEDIATELY</i>	Within 24 hours (Request STAT VENOUS lab draw <u>and</u> analysis)	25 - 44 µg/dL <i>**Labs Report within 3 days</i>	2 weeks - 1 month*	1 month
≥ 70 µg/dL <i>**Fax BLL results and call DHSS*** IMMEDIATELY</i>	IMMEDIATELY as emergency test (Request STAT VENOUS lab draw <u>and</u> analysis) Note that STAT venous Blood Lead Analysis may not be readily available in all areas of the state particularly during weekends, evenings and nights. Contact DHSS for assistance if needed.	≥ 45 µg/dL <i>**Fax BLL results and call DHSS*** IMMEDIATELY</i>	45-69: STAT Venous Lead Test and receipt of result before chelation administered; at the end of chelation; 7 days and 21 days* after chelation. ≥ 70: STAT Venous Lead Test blood draw before chelation (but chelation should commence prior to receipt of result); at the end of chelation; 7 days & 21 days* after chelation.	<i>As clinically indicated, depending on the level, date of chelation, and child's individual situation.</i>
The higher the blood lead level on the capillary test, the more urgent the need for confirmatory venous testing		*Healthcare providers or case managers may choose to repeat VENOUS blood lead tests within shorter intervals to ensure that the Blood Lead Level is not rising more quickly than anticipated. (i.e. when child's mobility or hand to mouth behaviors increase)		
Please Note: The following actions are NOT recommended at any Blood Lead Level		<ul style="list-style-type: none"> • Searching for gingival lead lines • Testing of hair, teeth, or nails for lead 	<ul style="list-style-type: none"> • Radiographic imaging of long bones • X-ray fluorescence of long bones 	<ul style="list-style-type: none"> • Evaluation of renal function (except during chelation with EDTA) • Testing of neurophysiologic function
***Contact Missouri DHSS Lead Program		Main Line: (573) 751-6102		Email: Leadsafe@health.mo.gov