

Utah Childhood Blood Lead Screening Recommendations

The Environmental Epidemiology Program recommends the following screening guidelines when determining a child is at risk for lead exposure.

All children in Utah that live in a zip code that has $\geq 27\%$ pre-1950 housing* should have at least one venous or capillary blood lead test at one and two years of age or 36-72 months of age if they have not been screened previously.

CDC recommends the use of $\geq 27\%$ pre-1950 housing as a cut-off point for universal screening in designated areas. Housing data can be used as a proxy for BLL data; $\geq 27\%$ of U.S. housing stock was built before 1950.

In addition, since age of housing has been identified as the major risk factor for childhood lead poisoning in Utah, all children in Utah living in Pre-1978 housing should have at least one venous or capillary blood lead test between the ages of 12 and 24 months or 25-72 months of age if the child has not been previously screened.

Note: Whenever a parent or health care provider suspects that a child is at risk for lead exposure, a blood lead test should be performed regardless of health department recommendation.

Children enrolled in Medicaid should receive a blood lead test at age 1 and 2 years and at least 1 test before age 6.

In determining if a child is at risk of lead poisoning, the child's health care provider should use the following basic-risk questionnaire. If a parent/guardian responds "yes" or "don't know" to any of the questions, the child should be screened.

- 1 – Does your child live in or regularly visit a house that was built before 1950? This question could apply to a facility such as a home day-care center or the home of a babysitter or relative.
- 2 – Does your child live in or regularly visit a house built before 1978 with recent or ongoing renovations or remodeling (within the last 6 months)?
- 3 – Does your child have a sibling or playmate who has or did have lead poisoning?
- 4 – Does your child live near or play on tailings from mining or milling operations?

*A list of Utah Zip Codes, with $\geq 27\%$ of housing built before 1950 is found on the next page.

Zip Codes With Greater Than or Equal to 27% of Housing Built Before 1950 (2000 Census)

Beaver: 84713, 84751, 84752

Box Elder: 84301, 84306, 84307, 84309, 84311, 84312, 84313, 84314, 84316, 84324, 84329,
84330, 84331, 84334, 84336, 84340

Cache: 84304, 84305, 84320, 84326, 84328, 84333, 84335, 84338, 84339

Carbon: 84501, 84520, 84526, 84529, 84539

Daggett: percent of housing built before 1950 is less than 27% in all zip codes.

Davis: percent of housing built before 1950 is less than 27% in all zip codes.

Duchesne: 84073

Emery: 84522, 84523

Garfield: 84712, 84718, 84726, 84759, 84776

Grand: percent of housing built before 1950 is less than 27% in all zip codes.

Iron: 84753, 84760, 84761, 84772

Juab: 84628, 84639, 84648

Kane: 84758

Millard: 84631, 84635, 84636, 84637, 84638, 84640, 84650, 84656

Morgan: 84018

Piute: 84723, 84732, 84740, 84743, 84750

Rich: 84064, 84086

Salt Lake: 84006, 84101, 84102, 84103, 84104, 84105, 84106, 84108, 84111, 84115

San Juan: 84530

Sanpete: 84621, 84622, 84623, 84627, 84629, 84630, 84632, 84634, 84642, 84643, 84646,
84647, 84662, 84667

Sevier: 84620, 84652, 84654, 84657, 84701, 84724, 84730, 84744, 84754, 84766

Summit: 84024

Tooele: 84034, 84069, 84071, 84080

Uintah: 84076

Utah: 84626, 84633

Wasatch: percent of housing built before 1950 is less than 27% in all zip codes.

Washington: 84733

Wayne: 84715, 84747, 84749

Weber: 84401