2024 SOUTH DAKOTA CHILDHOOD BLOOD LEAD DATA SNAPSHOT

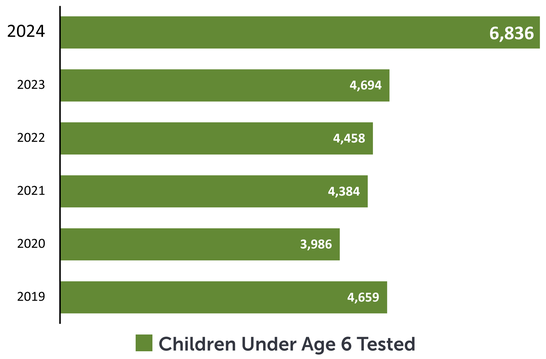
6,836
South Dakota children under age 6 **tested for blood lead** in 2024

188
Children with confirmed or suspected **blood lead levels ≥3.5 µg/dL**

2.8%
of children tested had a **confirmed or suspect elevated blood lead level**

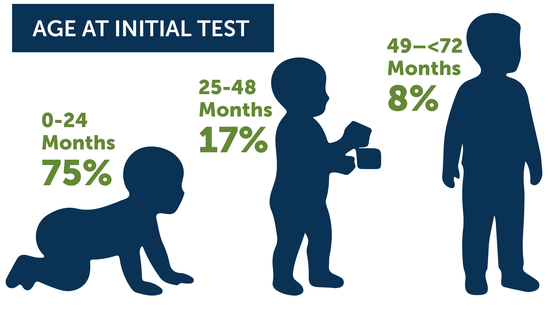
40%
of children with an initial elevated capillary test **received the recommended confirmatory venous test** within 12 weeks

Blood Lead Testing Increased in 2024



46% INCREASE in children tested from 2023 to 2024

AGE AT INITIAL TEST



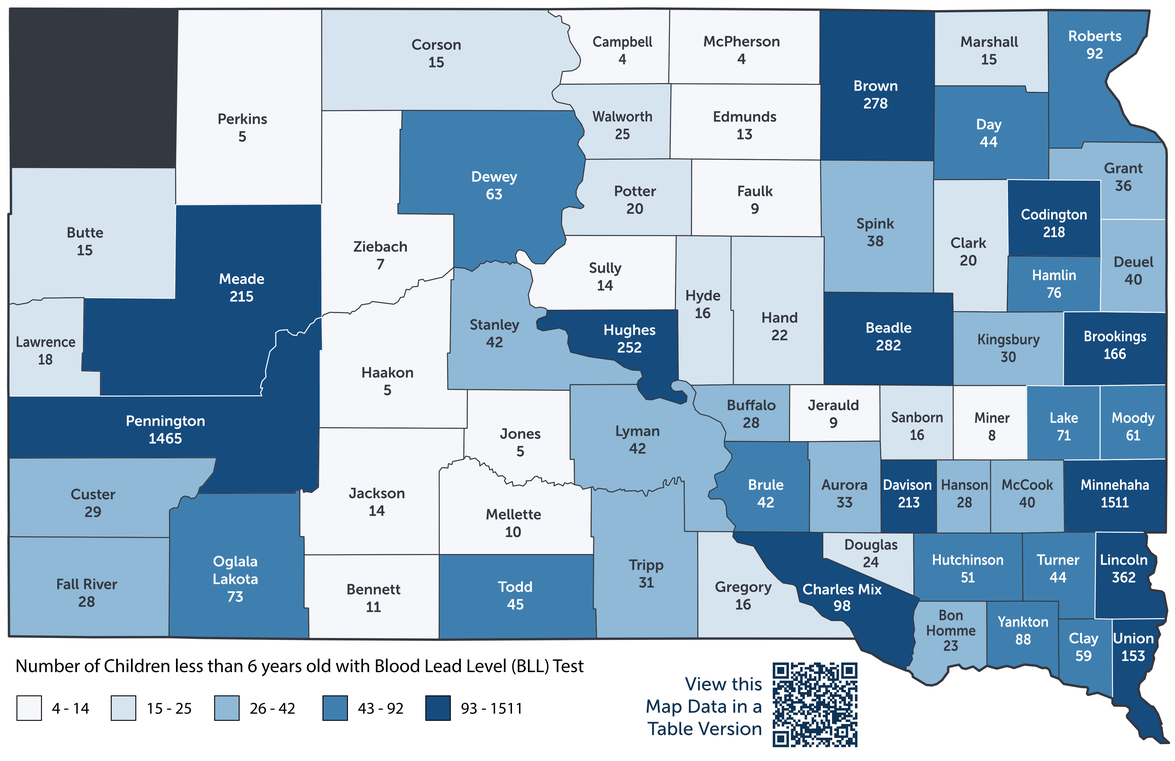
ELEVATED BLOOD LEVELS

188 CHILDREN had confirmed or suspected blood lead levels ≥3.5 µg/dL in 2024

105 Confirmed Cases

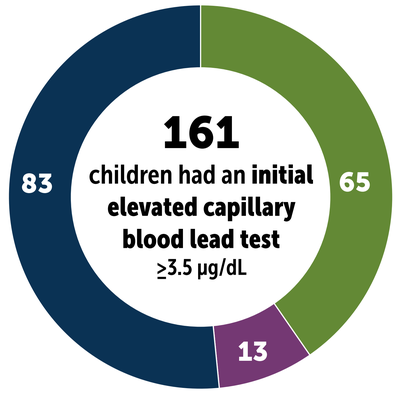
83 Suspect Cases

NUMBER OF SOUTH DAKOTA CHILDREN LESS THAN 6 YEARS OLD TESTED BY COUNTY, 2024



View this Map Data in a Table Version

Follow-Up Testing Matters



40% — 65 CHILDREN received the recommended confirmatory venous test within 12 weeks

8% — 13 CHILDREN received a follow-up capillary test within 12 weeks

52% — 83 CHILDREN received no follow-up capillary or venous test within 12 weeks

Improving timely confirmatory testing remains an important priority.

Medicaid Enrollment Among Children Tested

54% of all children tested were enrolled in Medicaid
(3,710 of 6,836)

78% of children with an elevated blood lead level were enrolled in Medicaid
(147 of 188)

childhood LEAD POISONING PREVENTION PROGRAM

PROTECTING SOUTH DAKOTA CHILDREN FROM LEAD EXPOSURE

EDUCATE · PREVENT · TEST · CONFIRM

Scan to view the 2024 Blood Lead Annual Report

Reviewed: 09/2026

Printing of this material was supported by the CDC National Center for Environmental Health **(CDC-RFA-EH21-2102)**