

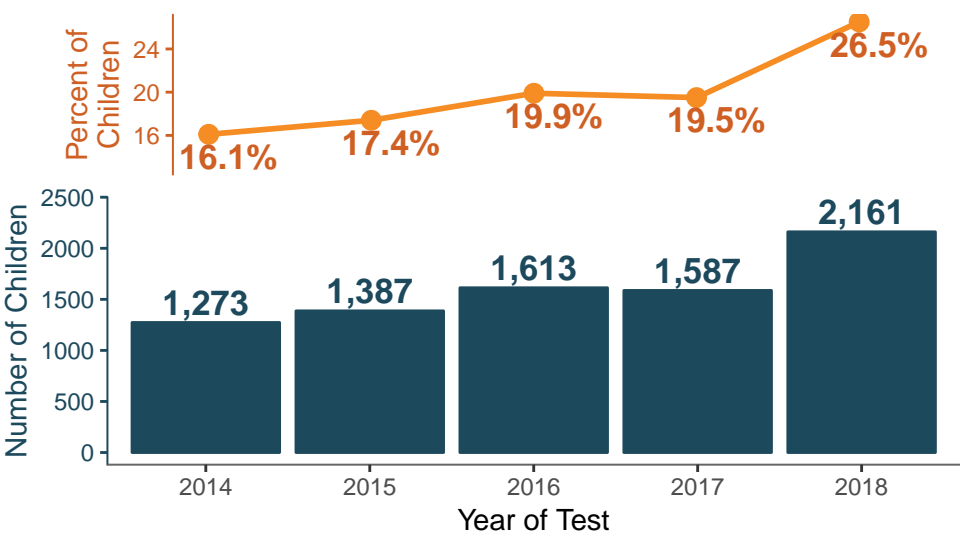


2018 LEAD EXPOSURE DATA BRIEF FOR THE SOUTH CENTRAL REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

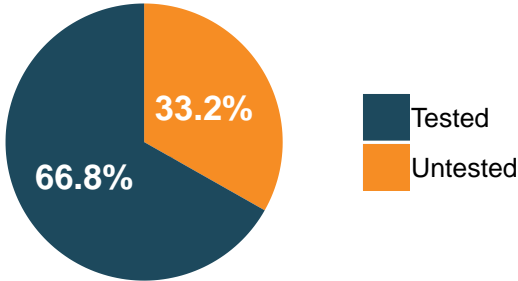
In 2018, 11 children (0 – 72 months old) in the South Central Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the South Central Region 2014 – 2018



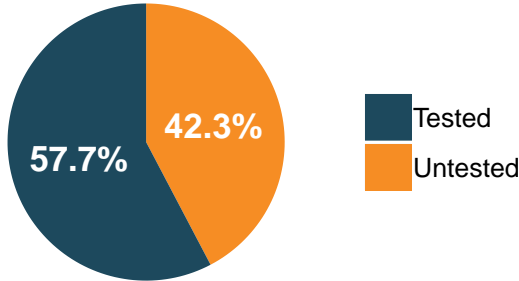
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2018, 66.8% of one year-old (12–23 month-old) children residing in the South Central Region were tested for lead in their blood (881 of an estimated 1,319 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2018, 57.7% of two year-old (24–35 month-old) children residing in the South Central Region were tested for lead in their blood (772 of an estimated 1,338 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2018

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2018	PERCENT TESTED (%) 2018	NUMBER WITH EBLL 5+ ug/dL 2018 ONLY	NUMBER WITH EBLL 5+ ug/dL 2014–2018	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2014–2018
ATKINSON	0 to 72	292	107	37	1 – 4	1 – 4	0
	12 to 23	46	39	85	1 – 4	1 – 4	0
	24 to 35	47	36	77	1 – 4	1 – 4	0
CHESTER	0 to 72	250	93	37	1 – 4	1 – 4	0
	12 to 23	37	35	95	1 – 4	1 – 4	0
	24 to 35	38	36	95	0	0	0
DANVILLE	0 to 72	234	69	30	1 – 4	5	0
	12 to 23	37	32	86	1 – 4	1 – 4	0
	24 to 35	37	29	78	0	1 – 4	0
DERRY	0 to 72	2093	534	26	1 – 4	27	5
	12 to 23	350	249	71	1 – 4	11	1 – 4
	24 to 35	354	184	52	1 – 4	7	1 – 4
HAMPSTEAD	0 to 72	426	119	28	0	8	0
	12 to 23	68	42	62	0	1 – 4	0
	24 to 35	69	48	70	0	1 – 4	0
LONDONDERRY	0 to 72	1440	360	25	0	7	0
	12 to 23	224	185	83	0	1 – 4	0
	24 to 35	228	123	54	0	1 – 4	0
PLAISTOW	0 to 72	437	146	33	1 – 4	7	0
	12 to 23	73	46	63	0	0	0
	24 to 35	74	64	86	0	1 – 4	0
SALEM	0 to 72	1516	418	28	1 – 4	9	1 – 4
	12 to 23	249	133	53	0	1 – 4	0
	24 to 35	253	123	49	1 – 4	5	0
SANDOWN	0 to 72	376	105	28	0	1 – 4	0
	12 to 23	61	37	61	0	1 – 4	0
	24 to 35	62	44	71	0	1 – 4	0
WINDHAM	0 to 72	1080	210	19	0	0	0
	12 to 23	174	83	48	0	0	0
	24 to 35	176	85	48	0	0	0
SOUTH CENTRAL	0 to 72	8144	2161	26	11	74	6
	12 to 23	1319	881	67	1 – 4	29	1 – 4
	24 to 35	1338	772	58	1 – 4	23	1 – 4

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

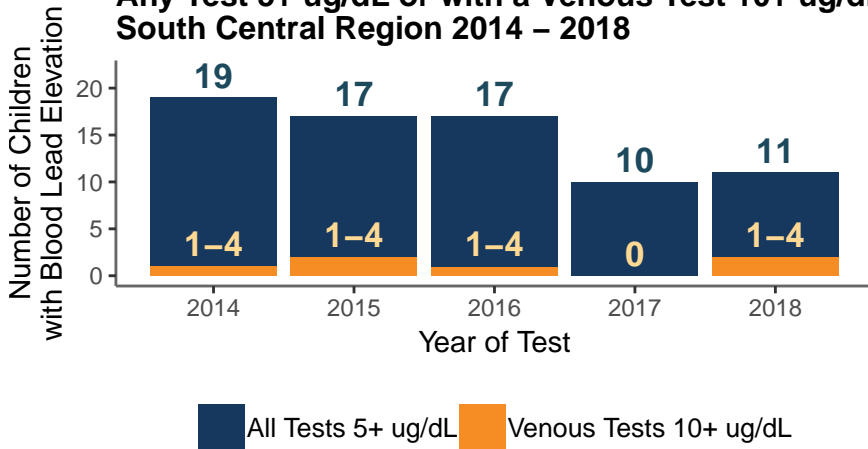
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSING UNITS RENTER OCCUPIED PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
ATKINSON	3.9	8	0	6.9	0	0
CHESTER	7.7	16	0	4.8	0	0
DANVILLE	5	8	43	9.5	24.7	16.1
DERRY	5.5	15	42	8.1	9.5	3.8
HAMPSTEAD	5.8	14	34	12.9	26.2	15.1
LONDONDERRY	5.7	5	17	7.1	2.8	2.2
PLAISTOW	3.7	9	8	7	0	0
SALEM	5.2	10	38	8.4	9.8	1
SANDOWN	7	5	15	4.4	4.1	0
WINDHAM	6.1	8	12	8	4.1	1.7
SOUTH CENTRAL	5.5	10	26	8	7.8	3.1

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2013–2017).

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Any Test 5+ ug/dL or with a Venous Test 10+ ug/dL South Central Region 2014 – 2018



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the South Central Region, 2014–2018

