

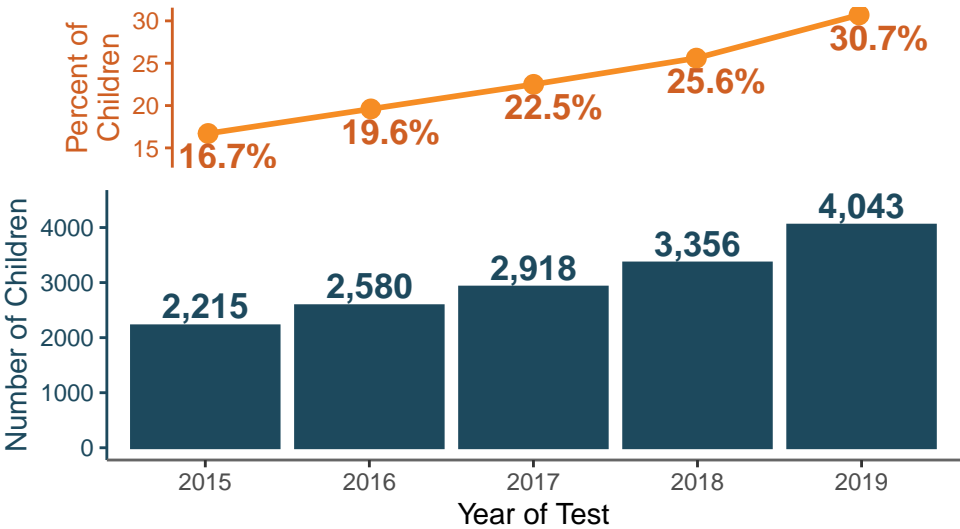


2019 LEAD EXPOSURE DATA BRIEF FOR THE GREATER NASHUA REGION

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.

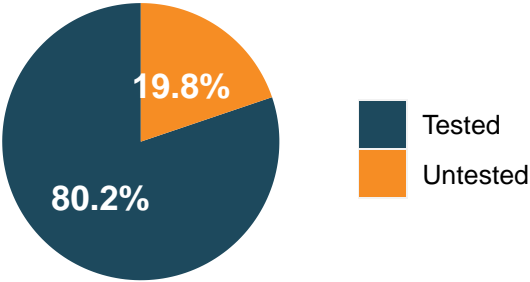
In 2019, 63 children (0 – 72 months old) in the Greater Nashua Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Greater Nashua Region 2015 – 2019



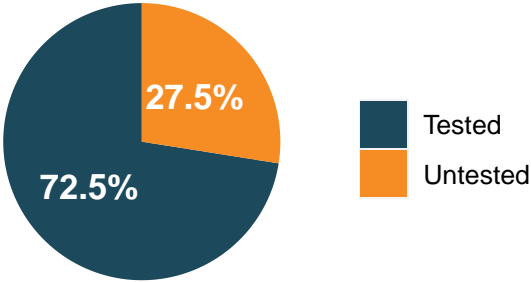
Percent of Children Tested per New Hampshire Screening and Management Guidelines

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



In 2019, 80.2% of one year-old (12–23 month-old) children residing in the Greater Nashua Region were tested for lead in their blood (1,688 of an estimated 2,104 children).

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



In 2019, 72.5% of two year-old (24–35 month-old) children residing in the Greater Nashua Region were tested for lead in their blood (1,558 of an estimated 2,149 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, 2019

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2019	PERCENT TESTED (%) 2019	NUMBER WITH EBLL 5+ ug/dL 2019 ONLY	NUMBER WITH EBLL 5+ ug/dL 2015–2019	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2015–2019
AMHERST	0 to 72	605	198	33	0	6	0
	12 to 23	97	69	71	0	1 – 4	0
	24 to 35	105	94	90	0	1 – 4	0
BROOKLINE	0 to 72	363	97	27	1 – 4	8	0
	12 to 23	38	38	100	0	1 – 4	0
	24 to 35	54	29	54	0	1 – 4	0
HOLLIS	0 to 72	324	136	42	1 – 4	1 – 4	0
	12 to 23	52	52	100	0	1 – 4	0
	24 to 35	60	60	100	1 – 4	1 – 4	0
HUDSON	0 to 72	1600	450	28	1 – 4	20	1 – 4
	12 to 23	240	186	78	1 – 4	6	0
	24 to 35	263	177	67	1 – 4	8	1 – 4
LITCHFIELD	0 to 72	521	124	24	0	1 – 4	0
	12 to 23	76	57	75	0	1 – 4	0
	24 to 35	74	45	61	0	1 – 4	0
MERRIMACK	0 to 72	1495	538	36	5	12	0
	12 to 23	233	233	100	1 – 4	8	0
	24 to 35	232	212	91	1 – 4	1 – 4	0
MILFORD	0 to 72	1012	257	25	1 – 4	23	1 – 4
	12 to 23	159	127	80	1 – 4	11	0
	24 to 35	169	97	57	0	9	1 – 4
MONT VERNON	0 to 72	123	38	31	1 – 4	1 – 4	1 – 4
	12 to 23	18	16	89	0	1 – 4	1 – 4
	24 to 35	16	16	100	1 – 4	1 – 4	0
PELHAM	0 to 72	856	241	28	0	6	0
	12 to 23	121	65	54	0	1 – 4	0
	24 to 35	133	77	58	0	1 – 4	0
WILTON	0 to 72	214	53	25	1 – 4	19	1 – 4
	12 to 23	31	25	81	1 – 4	13	0
	24 to 35	33	21	64	0	1 – 4	0
NASHUA	0 to 72	5900	1869	32	48	269	48
	12 to 23	1015	796	78	21	131	21
	24 to 35	989	716	72	17	71	15
NE NASHUA	0 to 72	968	277	29	14	63	12
	12 to 23	177	110	62	6	29	1 – 4
	24 to 35	181	122	67	5	18	5
NW NASHUA	0 to 72	1070	318	30	1 – 4	22	1 – 4
	12 to 23	201	135	67	0	13	1 – 4
	24 to 35	172	113	66	1 – 4	1 – 4	0
SE NASHUA	0 to 72	2115	725	34	24	141	24
	12 to 23	354	321	91	10	66	11
	24 to 35	351	254	72	9	39	7
SW NASHUA	0 to 72	1747	549	31	7	43	11
	12 to 23	283	230	81	5	23	6
	24 to 35	284	227	80	1 – 4	12	1 – 4
GREATER NASHUA	0 to 72	13154	4043	31	63	376	56
	12 to 23	2104	1688	80	29	184	22
	24 to 35	2149	1558	72	22	109	18

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.

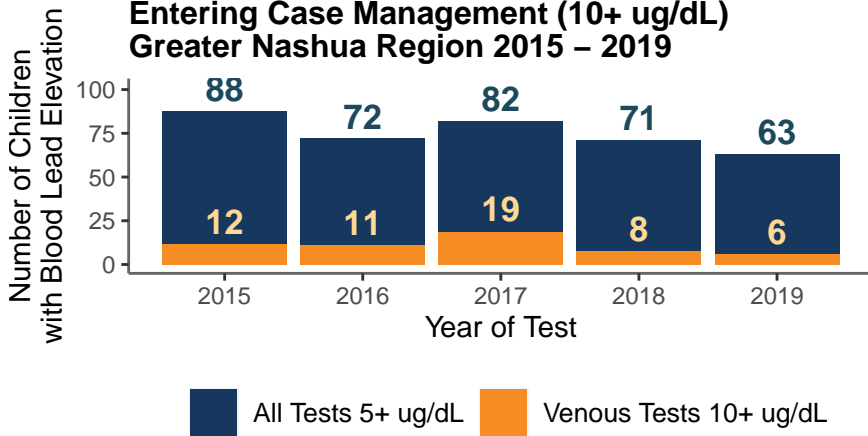
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
AMHERST	6.2	13	2.1	10	0	0
BROOKLINE	7.2	11	4.2	0	0	0
HOLLIS	3.3	16	1.8	0	0	0
HUDSON	6.1	11	2.9	15	6.8	1.3
LITCHFIELD	4.5	1	2.3	6	0	4.7
MERRIMACK	5.7	6	3.7	15	0.7	1.3
MILFORD	6.9	21	3.5	32	0	0
MONT VERNON	3.7	13	1.5	0	0	0
PELHAM	6.2	7	1.9	11	8.1	1.2
WILTON	5.1	41	0.6	6	6.2	0
NASHUA	6.3	23	5.6	60	13.7	1.3
NE NASHUA	5.6	45	4.2	54	20.8	0
NW NASHUA	5.6	1	5.3	55	4	2.1
SE NASHUA	7.7	43	7.7	78	16.6	2
SW NASHUA	5.8	2	4.2	43	11.5	0.4
GREATER NASHUA	6.1	17	4	36	7.5	1.1

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2014–2018). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Test Above the National Reference Level (5+ ug/dL) or Entering Case Management (10+ ug/dL) Greater Nashua Region 2015 – 2019



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 Greater Nashua Region, 2015–2019

