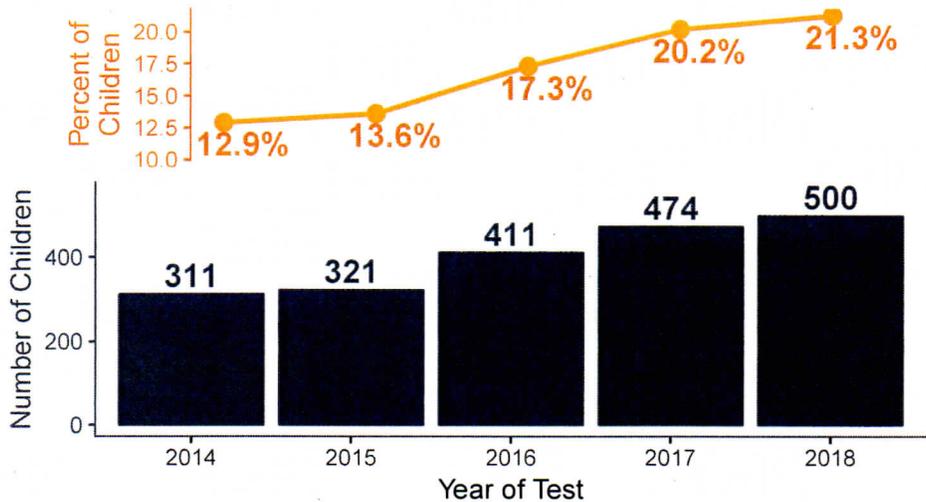


2018 LEAD EXPOSURE DATA BRIEF FOR THE UPPER VALLEY REGION

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.

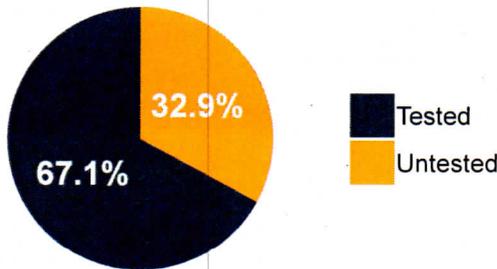
In 2018, 13 children (0 – 72 months old) in the Upper Valley Region were identified with elevated blood lead levels of 5 ug/dL or higher.

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



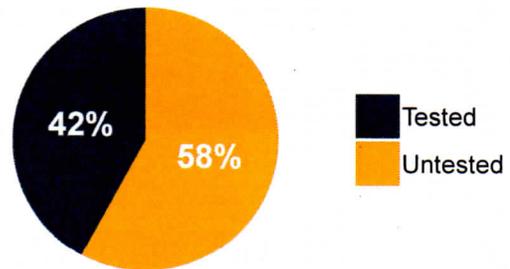
Percent of Children Tested per New Hampshire Screening and Management Guidelines

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



In 2018, 67.1% of one year-old (12–23 month-old) children residing in the Upper Valley Region were tested for lead in their blood (249 of an estimated 371 children).

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



In 2018, 42% of two year-old (24–35 month-old) children residing in the Upper Valley Region were tested for lead in their blood (182 of an estimated 433 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
CANAAN	0 to 72	241	30	12	0	1-4	0
	12 to 23	38	15	40	0	0	0
	24 to 35	45	9	20	0	1-4	0
DORCHESTER	0 to 72	10	1-4	Supp.	0	0	0
	12 to 23	1	0	0	0	0	0
	24 to 35	1	0	0	0	0	0
ENFIELD	0 to 72	289	54	19	1-4	9	1-4
	12 to 23	46	22	48	1-4	6	0
	24 to 35	55	24	44	0	1-4	0
GRAFTON	0 to 72	70	16	23	1-4	1-4	0
	12 to 23	11	8	73	1-4	1-4	0
	24 to 35	13	5	38	0	0	0
GRANTHAM	0 to 72	184	33	18	1-4	1-4	0
	12 to 23	28	15	54	1-4	1-4	0
	24 to 35	35	14	40	0	1-4	0
HANOVER	0 to 72	304	76	25	0	0	0
	12 to 23	42	32	76	0	0	0
	24 to 35	49	32	65	0	0	0
LEBANON	0 to 72	915	221	24	5	19	1-4
	12 to 23	150	117	78	1-4	8	1-4
	24 to 35	176	77	44	1-4	6	0
LYME	0 to 72	88	24	27	1-4	1-4	0
	12 to 23	17	17	100	1-4	1-4	0
	24 to 35	13	7	54	0	1-4	0
ORANGE	0 to 72	15	1-4	Supp.	1-4	1-4	1-4
	12 to 23	2	1-4	Supp.	0	1-4	0
	24 to 35	3	1-4	Supp.	0	0	0
ORFORD	0 to 72	74	7	10	0	1-4	0
	12 to 23	12	1-4	Supp.	0	1-4	0
	24 to 35	14	1-4	Supp.	0	0	0
PIERMONT	0 to 72	29	11	38	0	1-4	0
	12 to 23	4	1-4	Supp.	0	1-4	0
	24 to 35	5	5	100	0	1-4	0
PLAINFIELD	0 to 72	128	23	18	0	1-4	0
	12 to 23	20	14	70	0	1-4	0
	24 to 35	24	6	25	0	0	0
UPPER VALLEY	0 to 72	2347	500	21	13	51	5
	12 to 23	371	249	67	9	26	1-4
	24 to 35	433	182	42	1-4	14	0

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.

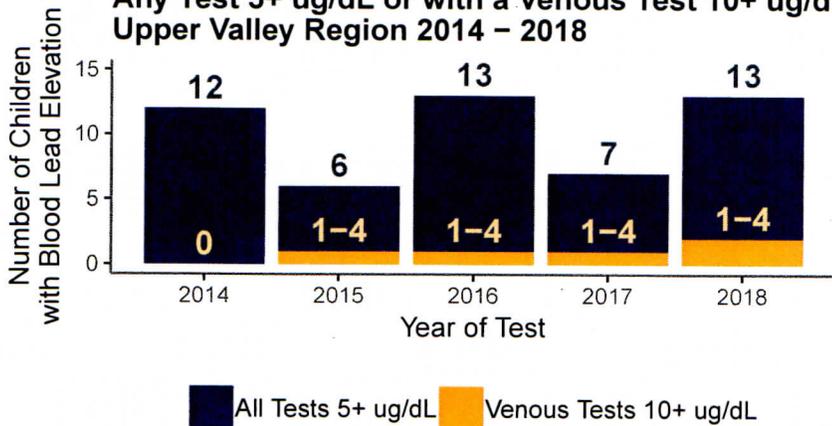
Childhood Lead Risk Factors by Town

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 (%)
CANAAN	5.5	20	46	8.3	34.3	22.1
DORCHESTER	4.9	21	67	1.5	0	11.8
ENFIELD	2.9	33	54	7.7	0	13.5
GRAFTON	6.3	23	26	3.7	0	13.5
GRANTHAM	4.5	6	61	4.2	0	0
HANOVER	3.1	25	15	12.2	0	0
LEBANON	7.8	31	64	14.3	20.2	7.6
LYME	7.2	32	8	9.8	0	0
ORANGE	1.5	27	100	6.3	100	0
ORFORD	2.8	28	19	3.8	38.6	0
PIERMONT	3.7	31	14	3.1	0	0
PLAINFIELD	4.1	33	41	6	0	0
UPPER VALLEY	5.1	27	48	10.3	13.4	6.9

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 Upper Valley 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 Upper Valley Region, 2014-2018

