



### ***Screening and Prevalence Statistics*** **2018 Calendar Year Data**

Massachusetts lead regulation (105 CMR 460.050) requires that all children be tested for blood lead between the ages of 9 and 12 months, and again at ages 2 and 3. Additionally, all children should be tested at age 4 if they live in a high-risk community in Massachusetts. The following table presents childhood lead screening percentages, prevalence by blood lead levels, and prevalence for estimated confirmed and confirmed blood lead levels. This information is relevant to assessing the need for treatment and prevention services at the community level in Massachusetts.

#### **DATA DESCRIPTION**

**COMMUNITY:** Cities and towns in Massachusetts listed alphabetically.

**POPULATION (9-47 MONTHS):** The estimated number of total children 9 to 47 months of age by community. The US Census Bureau 2010 population estimate was used for the year 2010. Population estimates from 2011-present were created by the UMass Donahue Institute, using a modified Hamilton-Perry method. For more detail about the UMass Donahue Institute's population estimates, click [here](#).

**TOTAL SCREENED (9-47 MONTHS):** The total number of children 9 to 47 months of age screened for lead poisoning in the given calendar year.

**PERCENT SCREENED:** The percentage of children 9 to 47 months of age who were screened for lead poisoning in the given calendar year. This is calculated by dividing the total number of children screened by the underlying population in the geographic area based on the population estimate for the given calendar year.

**µg/dL:** micrograms per deciliter, the unit of measurement for blood lead specimens.

**BLOOD LEAD LEVELS:** Number and percentage of children within each blood lead level category, out of all children screened 9 to 47 months of age. Only one blood lead specimen is counted per child. If a child has had more than one blood lead specimen within the designated time period, then the highest specimen is counted, with venous specimens taking priority, followed by confirmed capillary specimens and, finally, unconfirmed capillary specimens when no confirmed specimens are available.

The blood lead categories include both confirmed and unconfirmed blood lead specimens. A confirmed blood lead specimen is either a single venous blood lead specimen of any value, or two capillary blood lead specimens  $\geq 5$  µg/dL drawn within 12 weeks of each other. A single capillary blood lead specimen of any value is considered unconfirmed. On December 1, 2017, the Massachusetts Childhood Lead Poisoning Prevention Program (CLPPP) began requiring venous confirmation of capillary blood lead specimens  $\geq 5$  µg/dL. Prior to that date, capillary blood lead specimens between 5 and 9 µg/dL were frequently unconfirmed. Unconfirmed

capillary blood lead specimens  $\geq 10$   $\mu\text{g}/\text{dL}$  are less common but may exist due to a failure to re-test according to guidelines.

In December 2017, the MA CLPPP revised its regulations to define childhood lead poisoning as a venous blood lead level  $\geq 10$   $\mu\text{g}/\text{dL}$  and to define a blood lead level of concern as one between 5 and 9  $\mu\text{g}/\text{dL}$ . The CDC reference level for blood lead in children is 5  $\mu\text{g}/\text{dL}$ . To monitor blood lead levels in Massachusetts, the Department of Public Health produces data tables with blood lead levels organized into four categories: 0-4  $\mu\text{g}/\text{dL}$ , 5-9  $\mu\text{g}/\text{dL}$ , 10-24  $\mu\text{g}/\text{dL}$ , and  $\geq 25$   $\mu\text{g}/\text{dL}$ . For each category, the number (N) and percentage (%) of screened children whose highest blood lead specimen fell within the category is shown. For more information regarding the CDC reference level, please visit the CDC's information page on blood lead levels [here](#).

**ESTIMATED CONFIRMED  $\geq 5$ :** Capillary blood tests can be a useful tool for preliminary lead screening because they are easier to conduct than venous tests, especially on children. However, a single capillary test does not provide adequate precision or reliability to be considered confirmatory of an elevated blood lead level. Only about 1/3 of capillary results in the 5-9  $\mu\text{g}/\text{dL}$  range are found to be truly  $\geq 5$   $\mu\text{g}/\text{dL}$  upon retest. Until confirmatory testing of preliminary capillary results 5-9  $\mu\text{g}/\text{dL}$  becomes standard practice in Massachusetts, as required by MA CLPPP as of December 1, 2017, a calculation is employed to estimate the true number of children with blood lead levels  $\geq 5$   $\mu\text{g}/\text{dL}$ . The number of children with estimated confirmed  $\geq 5$   $\mu\text{g}/\text{dL}$  blood lead levels is calculated as the sum of those with confirmed blood lead levels  $\geq 5$   $\mu\text{g}/\text{dL}$  and a proportion of those having unconfirmed blood lead levels  $\geq 5$   $\mu\text{g}/\text{dL}$ . The proportion of unconfirmed blood lead levels  $\geq 5$   $\mu\text{g}/\text{dL}$  estimated to be truly elevated is based on the annual statewide proportion of capillary results in the 5-9  $\mu\text{g}/\text{dL}$  range found to be truly  $\geq 5$   $\mu\text{g}/\text{dL}$  upon retest (positive predictive value).

**CONFIRMED  $\geq 10$ :** The Childhood Lead Poisoning Prevention Program defines lead poisoning as a blood lead level  $\geq 10$   $\mu\text{g}/\text{dL}$ . The data show the number (N) and percentage (%) of children 9 to 47 months of age with a confirmed blood lead specimen  $\geq 10$   $\mu\text{g}/\text{dL}$ . While not presented in the table, the number of unconfirmed  $\geq 10$   $\mu\text{g}/\text{dL}$  can be calculated by summing the 10-24 and  $\geq 25$   $\mu\text{g}/\text{dL}$  blood lead level categories and then subtracting the number of confirmed  $\geq 10$   $\mu\text{g}/\text{dL}$ .

**PERCENT PRE-1978 HOUSING UNITS:** An estimate of the percentage of all housing units built prior to 1978, according to the 2013-2017 American Community Survey. In 1977, the Consumer Product Safety Commission banned lead-containing paint (16 C.F.R. 1303). Housing units built prior to this date may contain dangerous levels of lead in paint. According to Massachusetts regulations (105 CMR 460.000), removal or covering of lead hazards is required in units built before 1978 where a child under six years of age is living. This is a change from earlier high-risk community incidence rate statistics (data prior to 2009-2013), which used the percentage of all housing units built prior to 1950.

**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
ABINGTON	689	519	75%	514	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66%
ACTON	738	509	69%	501	(98.4)	7	(1.4)	NS	(NS)	0	(0.0)	7	(1.4)	NS	(NS)	58%
ACUSHNET	276	246	89%	240	(97.6)	NS	(NS)	NS	(NS)	NS	(NS)	NS	(NS)	NS	(NS)	71%
ADAMS	229	205	90%	195	(95.1)	7	(3.4)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	91%
AGAWAM	845	602	71%	598	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	67%
ALFORD	7	3	43%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	55%
AMESBURY	573	407	71%	401	(98.5)	6	(1.5)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66%
AMHERST	484	297	61%	290	(97.6)	6	(2.0)	NS	(NS)	0	(0.0)	6	(2.0)	NS	(NS)	62%
ANDOVER	1163	722	62%	717	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	66%
AQUINNAH	11	0	0%	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	37%
ARLINGTON	1796	1435	80%	1427	(99.4)	6	(0.4)	2	(0.1)	0	(0.0)	6	(0.4)	2	(0.1)	88%
ASHBURNHAM	205	131	64%	129	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	52%
ASHBY	106	66	62%	64	(97.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63%
ASHFIELD	36	21	58%	19	(90.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	64%
ASHLAND	860	581	68%	576	(99.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	41%

**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
ATHOL	424	235	55%	229	(97.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	76%
ATTLEBORO	1835	1291	70%	1263	(97.8)	26	(2.0)	2	(0.2)	0	(0.0)	21	(1.6)	2	(0.2)	63%
AUBURN	508	394	78%	392	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69%
AVON	134	153	>99%	150	(98.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	85%
AYER	325	224	69%	218	(97.3)	6	(2.7)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	57%
BARNSTABLE	1392	1024	74%	1010	(98.6)	12	(1.2)	NS	(NS)	0	(0.0)	7	(0.7)	NS	(NS)	56%
BARRE	170	107	63%	105	(98.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	65%
BECKET	44	25	57%	23	(92.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	52%
BEDFORD	544	318	58%	316	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	60%
BELCHERTOWN	501	315	63%	313	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	38%
BELLINGHAM	750	308	41%	306	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65%
BELMONT	1101	624	57%	624	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	90%
BERKLEY	193	163	84%	163	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	35%
BERLIN	88	61	69%	61	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
BERNARDSTON	45	39	87%	38	(97.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	62%

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Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)				Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BEVERLY	1471	1125	76%	1109 (98.6)	14 (1.2)	NS (NS)	NS (NS)	8 (0.7)	NS (NS)	NS (NS)	77%	
BILLERICA	1517	1036	68%	1028 (99.2)	7 (0.7)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	64%	
BLACKSTONE	305	139	46%	139 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	57%	
BLANDFORD	22	28	>99%	28 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	65%	
BOLTON	159	163	>99%	163 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	38%	
BOSTON	21508	16446	76%	16185 (98.4)	214 (1.3)	44 (0.3)	3 (<0.1)	237 (1.4)	44 (0.3)	79%		
BOURNE	502	369	74%	365 (98.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	60%		
BOXBOROUGH	130	106	82%	106 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49%		
BOXFORD	195	207	>99%	207 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	50%		
BOYLSTON	144	104	72%	104 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	58%		
BRAINTREE	1509	1077	71%	1066 (99.0)	8 (0.7)	NS (NS)	0 (0.0)	8 (0.7)	NS (NS)	74%		
BREWSTER	197	117	59%	115 (98.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	40%		
BRIDGEWATER	782	669	86%	667 (99.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	51%		
BRIMFIELD	91	56	62%	56 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	53%		
BROCKTON	4737	3720	79%	3597 (96.7)	105 (2.8)	17 (0.5)	1 (<0.1)	106 (2.8)	18 (0.5)	82%		

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
<b>BROOKFIELD</b>	110	51	46%	51	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	53%
<b>BROOKLINE</b>	2310	1407	61%	1397	(99.3)	7	(0.5)	3	(0.2)	0	(0.0)	8	(0.6)	3	(0.2)	85%
<b>BUCKLAND</b>	47	7	15%	7	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	65%
<b>BURLINGTON</b>	993	657	66%	651	(99.1)	NS	(NS)	NS	(NS)	NS	(NS)	NS	(NS)	NS	(NS)	61%
<b>CAMBRIDGE</b>	3008	2365	79%	2340	(98.9)	21	(0.9)	4	(0.2)	0	(0.0)	20	(0.8)	3	(0.1)	75%
<b>CANTON</b>	826	663	80%	662	(99.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61%
<b>CARLISLE</b>	125	86	69%	86	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	53%
<b>CARVER</b>	352	245	70%	241	(98.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	42%
<b>CHARLEMONT</b>	26	20	77%	19	(95.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66%
<b>CHARLTON</b>	418	300	72%	300	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	36%
<b>CHATHAM</b>	91	49	54%	49	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
<b>CHELMSFORD</b>	1190	973	82%	959	(98.6)	14	(1.4)	0	(0.0)	0	(0.0)	9	(0.9)	0	(0.0)	66%
<b>CHELSEA</b>	2033	1795	88%	1760	(98.1)	29	(1.6)	6	(0.3)	0	(0.0)	29	(1.6)	6	(0.3)	77%
<b>CHESHIRE</b>	72	79	>99%	79	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
<b>CHESTER</b>	30	15	50%	15	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%

Bureau of <b>BEH</b> Environmental Health	<b>Massachusetts Department of Public Health</b> <b>Childhood Lead Poisoning Prevention Program</b>
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*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
CHESTERFIELD	22	16	73%	16	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
CHICOPEE	2070	1311	63%	1290	(98.4)	17	(1.3)	4	(0.3)	0	(0.0)	16	(1.2)	3	(0.2)	82%
CHILMARK	16	15	94%	15	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	51%
CLARKSBURG	44	10	23%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	81%
CLINTON	559	394	70%	387	(98.2)	6	(1.5)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	71%
COHASSET	244	276	>99%	275	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%
COLRAIN	34	26	76%	26	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
CONCORD	457	299	65%	297	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65%
CONWAY	46	21	46%	20	(95.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	56%
CUMMINGTON	12	9	75%	9	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
DALTON	170	129	76%	127	(98.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	85%
DANVERS	875	797	91%	787	(98.7)	9	(1.1)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	69%
DARTMOUTH	746	636	85%	631	(99.2)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	59%
DEDHAM	976	713	73%	706	(99.0)	6	(0.8)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	74%
DEERFIELD	126	92	73%	90	(97.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	58%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
DENNIS	287	199	69%	199	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70%
DIGHTON	258	191	74%	187	(97.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	50%
DOUGLAS	321	142	44%	140	(98.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	46%
DOVER	140	133	95%	132	(99.2)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	66%
DRACUT	1157	838	72%	832	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	52%
DUDLEY	340	225	66%	222	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61%
DUNSTABLE	66	66	100%	64	(97.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	35%
DUXBURY	417	385	92%	384	(99.7)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	59%
EAST BRIDGEWATER	497	381	77%	379	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61%
EAST BROOKFIELD	63	47	75%	47	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
EAST LONGMEADOW	480	376	78%	367	(97.6)	8	(2.1)	NS	(NS)	0	(0.0)	7	(1.9)	NS	(NS)	69%
EASTHAM	63	36	57%	35	(97.2)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	53%
EASTHAMPTON	470	296	63%	295	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	71%
EASTON	682	556	82%	547	(98.4)	9	(1.6)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	54%
EDGARTOWN	132	72	55%	70	(97.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	35%



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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
EGREMONT	19	11	58%	9	(81.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66%
ERVING	59	26	44%	24	(92.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%
ESSEX	111	94	85%	92	(97.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61%
EVERETT	2220	1663	75%	1624	(97.7)	29	(1.7)	8	(0.5)	2	(0.1)	34	(2.0)	10	(0.6)	88%
FAIRHAVEN	397	304	77%	296	(97.4)	7	(2.3)	NS	(NS)	0	(0.0)	6	(2.0)	NS	(NS)	77%
FALL RIVER	3512	2669	76%	2599	(97.4)	62	(2.3)	8	(0.3)	0	(0.0)	43	(1.6)	8	(0.3)	82%
FALMOUTH	768	574	75%	569	(99.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	60%
FITCHBURG	1831	1209	66%	1184	(97.9)	19	(1.6)	5	(0.4)	1	(0.1)	20	(1.7)	5	(0.4)	78%
FLORIDA	30	6	20%	6	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
FOXBOROUGH	654	503	77%	500	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	57%
FRAMINGHAM	3213	2153	67%	2123	(98.6)	24	(1.1)	6	(0.3)	0	(0.0)	27	(1.3)	6	(0.3)	77%
FRANKLIN	1294	596	46%	592	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	40%
FREETOWN	211	202	96%	201	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
GARDNER	779	444	57%	421	(94.8)	18	(4.1)	NS	(NS)	NS	(NS)	18	(4.1)	NS	(NS)	77%
GEORGETOWN	324	211	65%	211	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%

**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
GILL	27	25	93%	23	(92.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	54%
GLOUCESTER	751	686	91%	653	(95.2)	30	(4.4)	NS	(NS)	0	(0.0)	20	(2.9)	NS	(NS)	78%
GOSHEN	32	10	31%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66%
GOSNOLD	0	0	-	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	81%
GRAFTON	795	499	63%	492	(98.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	47%
GRANBY	145	110	76%	110	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
GRANVILLE	36	28	78%	28	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
GREAT BARRINGTON	140	100	71%	94	(94.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	78%
GREENFIELD	610	345	57%	334	(96.8)	11	(3.2)	0	(0.0)	0	(0.0)	10	(2.9)	0	(0.0)	80%
GROTON	367	230	63%	224	(97.4)	NS	(NS)	NS	(NS)	0	(0.0)	6	(2.6)	NS	(NS)	46%
GROVELAND	190	152	80%	149	(98.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65%
HADLEY	126	69	55%	68	(98.6)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	63%
HALIFAX	246	184	75%	184	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
HAMILTON	269	256	95%	255	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	74%
HAMPDEN	108	82	76%	81	(98.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	73%

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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
HANCOCK	19	7	37%	7	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	41%
HANOVER	465	399	86%	397	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
HANSON	329	268	81%	266	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
HARDWICK	124	35	28%	32	(91.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61%
HARVARD	114	96	84%	95	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	55%
HARWICH	270	161	60%	159	(98.8)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	57%
HATFIELD	66	44	67%	43	(97.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74%
HAVERHILL	2950	1764	60%	1734	(98.3)	22	(1.2)	8	(0.5)	0	(0.0)	25	(1.4)	8	(0.5)	66%
HAWLEY	8	2	25%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59%
HEATH	10	4	40%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
HINGHAM	879	701	80%	698	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	62%
HINSDALE	35	47	>99%	47	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
HOLBROOK	403	310	77%	309	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74%
HOLDEN	681	457	67%	454	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61%
HOLLAND	67	48	72%	48	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%

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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)				Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
HOLLISTON	472	373	79%	367 (98.4)	6 (1.6)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	72%
HOLYOKE	1899	1316	69%	1280 (97.3)	25 (1.9)	10 (0.8)	1 (0.1)	30 (2.3)	11 (0.8)	11 (0.8)	0 (0.0)	83%
HOPEDALE	176	139	79%	135 (97.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	61%
HOPKINTON	595	519	87%	513 (98.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	41%
HUBBARDSTON	134	85	63%	85 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	34%
HUDSON	750	474	63%	469 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	60%
HULL	243	150	62%	145 (96.7)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	77%
HUNTINGTON	62	53	85%	50 (94.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	67%
IPSWICH	340	231	68%	228 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	65%
KINGSTON	443	340	77%	336 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	54%
LAKEVILLE	342	290	85%	287 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	44%
LANCASTER	188	155	82%	152 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	71%
LANESBOROUGH	70	55	79%	53 (96.4)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	64%
LAWRENCE	4813	3267	68%	3216 (98.4)	40 (1.2)	9 (0.3)	2 (0.1)	50 (1.5)	11 (0.3)	11 (0.3)	0 (0.0)	81%
LEE	147	88	60%	86 (97.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	74%

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Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
LEICESTER	325	226	70%	223	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	66%
LENOX	94	62	66%	62	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66%
LEOMINSTER	1466	1132	77%	1116	(98.6)	12	(1.1)	NS	(NS)	NS	(NS)	12	(1.1)	NS	(NS)	65%
LEVERETT	38	23	61%	22	(95.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	57%
LEXINGTON	964	473	49%	469	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	71%
LEYDEN	12	1	8%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%
LINCOLN	517	120	23%	120	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
LITTLETON	332	270	81%	264	(97.8)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	57%
LONGMEADOW	464	316	68%	314	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	86%
LOWELL	5399	3735	69%	3624	(97.0)	90	(2.4)	15	(0.4)	6	(0.2)	97	(2.6)	21	(0.6)	79%
LUDLOW	512	367	72%	364	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65%
LUNENBURG	326	286	88%	283	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	59%
LYNN	5000	4097	82%	3971	(96.9)	108	(2.6)	17	(0.4)	1	(<0.1)	96	(2.3)	17	(0.4)	86%
LYNNFIELD	322	421	>99%	421	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
MALDEN	2716	2008	74%	1954	(97.3)	41	(2.0)	12	(0.6)	1	(<0.1)	50	(2.5)	13	(0.6)	79%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
MANCHESTER	121	85	70%	83	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	82%
MANSFIELD	814	645	79%	637	(98.8)	7	(1.1)	0	(0.0)	NS	(NS)	NS	(NS)	NS	(NS)	46%
MARBLEHEAD	558	466	84%	457	(98.1)	8	(1.7)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	87%
MARION	115	96	83%	93	(96.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	55%
MARLBOROUGH	1906	1143	60%	1117	(97.7)	21	(1.8)	NS	(NS)	0	(0.0)	18	(1.6)	NS	(NS)	58%
MARSHFIELD	873	593	68%	587	(99.0)	6	(1.0)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	64%
MASHPEE	403	310	77%	308	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	30%
MATTAPOISETT	117	93	79%	92	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
MAYNARD	473	246	52%	241	(98.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	68%
MEDFIELD	373	374	>99%	373	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
MEDFORD	2061	1494	72%	1472	(98.5)	17	(1.1)	4	(0.3)	1	(0.1)	20	(1.3)	5	(0.3)	82%
MEDWAY	451	288	64%	284	(98.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	56%
MELROSE	1118	1028	92%	1013	(98.5)	13	(1.3)	NS	(NS)	0	(0.0)	11	(1.1)	NS	(NS)	85%
MENDON	171	95	56%	94	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	44%
MERRIMAC	134	149	>99%	147	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	42%

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
<b>METHUEN</b>	2107	1204	57%	1191 (98.9)	9 (0.7)	2 (0.2)	2 (0.2)	10 (0.8)	4 (0.3)	61%		
<b>MIDDLEBOROUGH</b>	898	560	62%	552 (98.6)	6 (1.1)	NS (NS)	NS (NS)	7 (1.2)	NS (NS)	51%		
<b>MIDDLEFIELD</b>	11	3	27%	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	40%		
<b>MIDDLETON</b>	240	206	86%	204 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	42%		
<b>MILFORD</b>	1221	862	71%	836 (97.0)	23 (2.7)	NS (NS)	NS (NS)	24 (2.8)	NS (NS)	65%		
<b>MILLBURY</b>	444	337	76%	336 (99.7)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	62%		
<b>MILLIS</b>	277	198	71%	197 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	58%		
<b>MILLVILLE</b>	102	51	50%	50 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	54%		
<b>MILTON</b>	998	809	81%	800 (98.9)	7 (0.9)	NS (NS)	0 (0.0)	8 (1.0)	NS (NS)	84%		
<b>MONROE</b>	1	3	>99%	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	70%		
<b>MONSON</b>	218	146	67%	144 (98.6)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	56%		
<b>MONTAGUE</b>	271	158	58%	155 (98.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	79%		
<b>MONTEREY</b>	22	4	18%	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56%		
<b>MONTGOMERY</b>	26	4	15%	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56%		
<b>MOUNT WASHINGTON</b>	2	2	100%	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	62%		

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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
 Calendar Year 2018

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)				Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
NAHANT	55	63	>99%	62 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	88%	
NANTUCKET	493	280	57%	276 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	37%	
NATICK	1452	1067	73%	1051 (98.5)	15 (1.4)	NS (NS)	0 (0.0)	11 (1.0)	NS (NS)	0 (0.0)	64%	
NEEDHAM	1112	838	75%	836 (99.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72%	
NEW ASHFORD	3	1	33%	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	68%	
NEW BEDFORD	4398	3587	82%	3377 (94.1)	174 (4.9)	33 (0.9)	3 (0.1)	156 (4.3)	33 (0.9)	0 (0.0)	85%	
NEW BRAINTREE	28	13	46%	12 (92.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	46%	
NEW MARLBOROUGH	28	13	46%	12 (92.3)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	64%	
NEW SALEM	24	7	29%	6 (85.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	55%	
NEWBURY	193	124	64%	119 (96.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	58%	
NEWBURYPORT	499	305	61%	298 (97.7)	NS (NS)	NS (NS)	0 (0.0)	7 (2.3)	NS (NS)	0 (0.0)	73%	
NEWTON	3013	2034	68%	2021 (99.4)	11 (0.5)	2 (0.1)	0 (0.0)	10 (0.5)	2 (0.1)	0 (0.0)	83%	
NORFOLK	342	337	99%	335 (99.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	43%	
NORTH ADAMS	449	355	79%	329 (92.7)	22 (6.2)	NS (NS)	0 (0.0)	14 (3.9)	NS (NS)	0 (0.0)	85%	
NORTH ANDOVER	1086	743	68%	734 (98.8)	7 (0.9)	NS (NS)	0 (0.0)	7 (0.9)	NS (NS)	0 (0.0)	55%	



**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)				Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
<b>NORTH ATTLEBOROU</b>	1139	660	58%	642 (97.3)	16 (2.4)	NS (NS)	NS (NS)	12 (1.8)	NS (NS)	NS (NS)	59%	
<b>NORTH BROOKFIELD</b>	170	95	56%	94 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	72%	
<b>NORTH READING</b>	536	419	78%	419 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56%	
<b>NORTHAMPTON</b>	657	462	70%	453 (98.1)	9 (1.9)	0 (0.0)	0 (0.0)	8 (1.7)	0 (0.0)	0 (0.0)	77%	
<b>NORTHBOROUGH</b>	382	367	96%	365 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56%	
<b>NORTHBRIDGE</b>	716	354	49%	345 (97.5)	8 (2.3)	NS (NS)	0 (0.0)	9 (2.5)	NS (NS)	NS (NS)	64%	
<b>NORTHFIELD</b>	67	39	58%	38 (97.4)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	72%	
<b>NORTON</b>	601	453	75%	452 (99.8)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	48%	
<b>NORWELL</b>	365	356	98%	356 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	67%	
<b>NORWOOD</b>	1206	922	76%	906 (98.3)	12 (1.3)	NS (NS)	0 (0.0)	13 (1.4)	NS (NS)	NS (NS)	78%	
<b>OAK BLUFFS</b>	171	54	32%	53 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	45%	
<b>OAKHAM</b>	41	33	80%	33 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	43%	
<b>ORANGE</b>	288	102	35%	92 (90.2)	10 (9.8)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	71%	
<b>ORLEANS</b>	85	46	54%	44 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	51%	
<b>OTIS</b>	43	23	53%	21 (91.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	63%	

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*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
OXFORD	462	293	63%	291	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63%
PALMER	335	268	80%	260	(97.0)	8	(3.0)	0	(0.0)	0	(0.0)	6	(2.2)	0	(0.0)	71%
PAXTON	144	93	65%	92	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72%
PEABODY	1752	1503	86%	1484	(98.7)	19	(1.3)	0	(0.0)	0	(0.0)	8	(0.5)	0	(0.0)	67%
PELHAM	31	21	68%	20	(95.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66%
PEMBROKE	633	448	71%	443	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	54%
PEPPERELL	385	265	69%	264	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	50%
PERU	17	11	65%	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	51%
PETERSHAM	33	19	58%	19	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	68%
PHILLIPSTON	42	11	26%	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	49%
PITTSFIELD	1592	1181	74%	1127	(95.4)	45	(3.8)	9	(0.8)	0	(0.0)	34	(2.9)	9	(0.8)	83%
PLAINFIELD	19	7	37%	6	(85.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59%
PLAINVILLE	332	238	72%	235	(98.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	54%
PLYMOUTH	2063	991	48%	983	(99.2)	8	(0.8)	0	(0.0)	0	(0.0)	6	(0.6)	0	(0.0)	53%
PLYMPTON	72	80	>99%	79	(98.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	47%

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*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
PRINCETON	74	63	85%	63	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	55%
PROVINCETOWN	30	13	43%	12	(92.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72%
QUINCY	3476	2631	76%	2595	(98.6)	27	(1.0)	9	(0.3)	0	(0.0)	31	(1.2)	9	(0.3)	72%
RANDOLPH	1331	897	67%	890	(99.2)	6	(0.7)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	68%
RAYNHAM	497	406	82%	403	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	46%
READING	1082	709	66%	705	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	74%
REHOBOTH	348	211	61%	210	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	52%
REVERE	2423	1994	82%	1969	(98.7)	22	(1.1)	3	(0.2)	0	(0.0)	22	(1.1)	3	(0.2)	73%
RICHMOND	15	17	>99%	16	(94.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
ROCHESTER	133	108	81%	107	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	41%
ROCKLAND	740	461	62%	458	(99.3)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	NS	(NS)	65%
ROCKPORT	131	89	68%	81	(91.0)	7	(7.9)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	77%
ROWE	12	5	42%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	74%
ROWLEY	200	148	74%	148	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52%
ROYALSTON	36	11	31%	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	51%

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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
RUSSELL	63	37	59%	36	(97.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65%
RUTLAND	313	198	63%	197	(99.5)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	47%
SALEM	1672	1120	67%	1093	(97.6)	23	(2.1)	NS	(NS)	0	(0.0)	15	(1.3)	NS	(NS)	81%
SALISBURY	243	126	52%	126	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	55%
SANDISFIELD	22	17	77%	12	(70.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	54%
SANDWICH	555	371	67%	369	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	42%
SAUGUS	834	673	81%	666	(99.0)	6	(0.9)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	73%
SAVOY	16	7	44%	6	(85.7)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	53%
SCITUATE	555	527	95%	523	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	73%
SEEKONK	333	286	86%	280	(97.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	65%
SHARON	618	435	70%	435	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
SHEFFIELD	58	57	98%	55	(96.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	67%
SHELBURNE	43	46	>99%	43	(93.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	81%
SHERBORN	90	99	>99%	99	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	69%
SHIRLEY	238	145	61%	142	(97.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	53%

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*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
SHREWSBURY	1414	956	68%	943	(98.6)	11	(1.2)	NS	(NS)	0	(0.0)	12	(1.3)	NS	(NS)	53%
SHUTESBURY	39	19	49%	19	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
SOMERSET	503	288	57%	285	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	79%
SOMERVILLE	2226	1751	79%	1720	(98.2)	24	(1.4)	5	(0.3)	2	(0.1)	27	(1.5)	7	(0.4)	87%
SOUTH HADLEY	424	320	75%	318	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	70%
SOUTHAMPTON	161	119	74%	119	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
SOUTHBOROUGH	296	254	86%	252	(99.2)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	48%
SOUTHBRIDGE	638	399	63%	395	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	80%
SOUTHWICK	256	177	69%	176	(99.4)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	48%
SPENCER	358	228	64%	226	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69%
SPRINGFIELD	6521	4974	76%	4773	(96.0)	177	(3.6)	22	(0.4)	2	(<0.1)	163	(3.3)	23	(0.5)	84%
STERLING	226	135	60%	134	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	51%
STOCKBRIDGE	23	14	61%	14	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	73%
STONEHAM	684	607	89%	600	(98.8)	7	(1.2)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	73%
STOUGHTON	955	790	83%	774	(98.0)	13	(1.6)	NS	(NS)	0	(0.0)	11	(1.4)	NS	(NS)	69%

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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
STOW	255	172	67%	171	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	53%
STURBRIDGE	422	217	51%	213	(98.2)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	40%
SUDBURY	594	459	77%	456	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	58%
SUNDERLAND	91	59	65%	59	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
SUTTON	232	195	84%	195	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52%
SWAMPSCOTT	450	462	>99%	451	(97.6)	9	(1.9)	NS	(NS)	0	(0.0)	8	(1.7)	NS	(NS)	86%
SWANSEA	403	268	67%	264	(98.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	68%
TAUNTON	2235	1627	73%	1599	(98.3)	25	(1.5)	3	(0.2)	0	(0.0)	23	(1.4)	3	(0.2)	65%
TEMPLETON	329	143	43%	137	(95.8)	6	(4.2)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	53%
TEWKSBURY	1001	704	70%	701	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	50%
TISBURY	142	101	71%	97	(96.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	53%
TOLLAND	14	2	14%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	49%
TOPSFIELD	139	154	>99%	153	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72%
TOWNSEND	284	199	70%	197	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	60%
TRURO	26	9	35%	9	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	55%

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**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
TYNGSBOROUGH	363	272	75%	268	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	33%
TYRINGHAM	2	2	100%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
UPTON	284	179	63%	178	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	46%
UXBRIDGE	506	221	44%	220	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	50%
WAKEFIELD	946	784	83%	774	(98.7)	10	(1.3)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	77%
WALES	63	31	49%	31	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
WALPOLE	908	732	81%	728	(99.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	55%
WALTHAM	2274	1576	69%	1555	(98.7)	20	(1.3)	1	(0.1)	0	(0.0)	18	(1.1)	1	(0.1)	74%
WARE	366	192	52%	186	(96.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	65%
WAREHAM	789	438	56%	426	(97.3)	10	(2.3)	NS	(NS)	0	(0.0)	8	(1.8)	NS	(NS)	70%
WARREN	189	77	41%	72	(93.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	64%
WARWICK	17	10	59%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%
WASHINGTON	9	6	67%	6	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	46%
WATERTOWN	1155	859	74%	850	(99.0)	8	(0.9)	NS	(NS)	0	(0.0)	8	(0.9)	NS	(NS)	79%
WAYLAND	405	359	89%	356	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	78%

**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)				Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WEBSTER	659	450	68%	437 (97.1)	8 (1.8)	NS (NS)	0 (0.0)	12 (2.7)	NS (NS)	74%		
WELLESLEY	1129	623	55%	620 (99.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	80%		
WELLFLEET	43	22	51%	22 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	55%		
WENDELL	19	6	32%	6 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	41%		
WENHAM	93	107	>99%	107 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69%		
WEST BOYLSTON	176	137	78%	136 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	70%		
WEST BRIDGEWATER	201	232	>99%	230 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	69%		
WEST BROOKFIELD	94	59	63%	58 (98.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	60%		
WEST NEWBURY	98	101	>99%	101 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52%		
WEST SPRINGFIELD	1121	801	71%	779 (97.3)	17 (2.1)	NS (NS)	0 (0.0)	14 (1.7)	NS (NS)	81%		
WEST STOCKBRIDGE	15	11	73%	10 (90.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	60%		
WEST TISBURY	63	38	60%	35 (92.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	24%		
WESTBOROUGH	714	622	87%	608 (97.7)	12 (1.9)	NS (NS)	0 (0.0)	12 (1.9)	NS (NS)	55%		
WESTFIELD	1395	845	61%	820 (97.0)	23 (2.7)	NS (NS)	NS (NS)	23 (2.7)	NS (NS)	71%		
WESTFORD	669	522	78%	513 (98.3)	6 (1.1)	NS (NS)	0 (0.0)	7 (1.3)	NS (NS)	42%		



**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
*Calendar Year 2018*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
WESTHAMPTON	44	19	43%	19	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
WESTMINSTER	192	165	86%	164	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
WESTON	306	219	72%	217	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	70%
WESTPORT	386	299	77%	294	(98.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	59%
WESTWOOD	471	391	83%	390	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
WEYMOUTH	2182	1580	72%	1562	(98.9)	12	(0.8)	6	(0.4)	0	(0.0)	15	(0.9)	6	(0.4)	74%
WHATELY	42	9	21%	8	(88.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	62%
WHITMAN	631	401	64%	397	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	79%
WILBRAHAM	388	319	82%	318	(99.7)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	73%
WILLIAMSBURG	61	45	74%	41	(91.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	68%
WILLIAMSTOWN	124	109	88%	109	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	80%
WILMINGTON	931	585	63%	583	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	55%
WINCHENDON	338	241	71%	230	(95.4)	7	(2.9)	NS	(NS)	0	(0.0)	10	(4.1)	NS	(NS)	55%
WINCHESTER	818	584	71%	582	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	79%
WINDSOR	10	9	90%	9	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	49%

**Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community**  
 Calendar Year 2018

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)				Estimated Confirmed ≥5 <sup>3</sup>		Confirmed ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WINTHROP	591	464	79%	451 (97.2)	11 (2.4)	NS (NS)	0 (0.0)	9 (1.9)	NS (NS)	NS (NS)	90%	
WOBURN	1602	1170	73%	1146 (97.9)	18 (1.5)	6 (0.5)	0 (0.0)	13 (1.1)	6 (0.5)	6 (0.5)	69%	
WORCESTER	7440	5541	74%	5433 (98.1)	77 (1.4)	28 (0.5)	3 (0.1)	85 (1.5)	27 (0.5)	27 (0.5)	79%	
WORTHINGTON	13	15	>99%	15 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	65%	
WRENTHAM	361	298	83%	295 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	49%	
YARMOUTH	646	417	65%	411 (98.6)	6 (1.4)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67%	
<b>Total for MA</b>	<b>241,531</b>	<b>174,778</b>	<b>72%</b>	<b>171,692 (98.2)</b>	<b>2,567 (1.5)</b>	<b>474 (0.3)</b>	<b>45 (&lt;0.1)</b>	<b>2,355 (1.3)</b>	<b>493 (0.3)</b>	<b>493 (0.3)</b>	<b>70%</b>	

**Comments:**

N = number (counts of children)

Number and prevalence are suppressed when N is between 1-5 and total screened is less than 1,200. Suppressed N is displayed as "NS". These small numbers are suppressed to protect privacy.

**Footnotes:**

<sup>1</sup>According to MA state regulation (105 CMR 460.050) children are not required to be screened until 9 months of age. Population count for children 9 to 47 months of age is obtained from UMass Donahue Institute population estimates.

<sup>2</sup>Blood lead levels include both confirmed and unconfirmed blood lead specimens. Refer to the data description for definitions and practice guidelines.

<sup>3</sup>The CDC uses a reference level of 5 µg/dL to identify children whose blood lead levels are higher than 97.5% of all U.S. children's levels, based on the National Health and Nutrition Examination Survey (NHANES). There is no safe blood lead level. The number of children with estimated confirmed ≥5 µg/dL blood lead levels is calculated as the sum of those with confirmed blood lead levels ≥5 µg/dL and a proportion of those having unconfirmed blood lead levels ≥5 µg/dL.

<sup>4</sup>MA CLPPP defines a confirmed blood lead level as a single venous blood specimen or 2 capillary blood specimens drawn within 12 weeks of each other.

<sup>5</sup>Percentage of housing units built prior to 1978 as estimated by the American Community Survey.