



### ***Screening and Prevalence Statistics 2019 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 2014-2018 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.

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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 2019*

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	(%)	
ABINGTON	708	509	72%	504	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	66%
ACTON	725	502	69%	499	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	57%
ACUSHNET	280	222	79%	217	(97.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	71%
ADAMS	229	206	90%	190	(92.2)	14	(6.8)	NS	(NS)	0	(0.0)	10	(4.9)	NS	(NS)	91%
AGAWAM	845	588	70%	581	(98.8)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	69%
ALFORD	7	4	57%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52%
AMESBURY	569	383	67%	377	(98.4)	6	(1.6)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	67%
AMHERST	464	304	66%	300	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	59%
ANDOVER	1,174	726	62%	723	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	65%
AQUINNAH	12	2	17%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	37%
ARLINGTON	1,770	1,333	75%	1,322	(99.2)	10	(0.8)	1	(0.1)	0	(0.0)	10	(0.8)	1	(0.1)	87%
ASHBURNHAM	205	114	56%	111	(97.4)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	50%
ASHBY	107	71	66%	68	(95.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61%
ASHFIELD	33	22	67%	19	(86.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
ASHLAND	855	524	61%	516	(98.5)	8	(1.5)	0	(0.0)	0	(0.0)	6	(1.1)	0	(0.0)	41%
ATHOL	424	222	52%	214	(96.4)	7	(3.2)	NS	(NS)	0	(0.0)	7	(3.2)	NS	(NS)	75%
ATTLEBORO	1,871	1,312	70%	1,282	(97.7)	22	(1.7)	7	(0.5)	1	(0.1)	22	(1.7)	7	(0.5)	62%
AUBURN	507	372	73%	370	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	69%
AVON	133	135	>99%	133	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	86%
AYER	321	238	74%	235	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	58%
BARNSTABLE	1,405	1,033	74%	1,019	(98.6)	12	(1.2)	NS	(NS)	0	(0.0)	7	(0.7)	NS	(NS)	57%
BARRE	169	115	68%	110	(95.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	63%
BECKET	43	32	74%	31	(96.9)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	51%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
BEDFORD	547	323	59%	323	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
BELCHERTOWN	492	326	66%	324	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	38%
BELLINGHAM	760	353	46%	352	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66%
BELMONT	1,093	607	56%	603	(99.3)	NS	(NS)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	89%
BERKLEY	195	150	77%	150	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	32%
BERLIN	89	61	69%	61	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
BERNARDSTON	43	44	>99%	43	(97.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	65%
BEVERLY	1,490	1,092	73%	1,081	(99.0)	11	(1.0)	0	(0.0)	0	(0.0)	7	(0.6)	0	(0.0)	77%
BILLERICA	1,505	990	66%	984	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	62%
BLACKSTONE	304	140	46%	140	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
BLANDFORD	22	20	91%	20	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%
BOLTON	156	167	>99%	167	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	39%
BOSTON	21,080	16,133	77%	15,900	(98.6)	187	(1.2)	43	(0.3)	3	(<0.1)	202	(1.3)	41	(0.3)	78%
BOURNE	502	369	74%	362	(98.1)	7	(1.9)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	59%
BOXBOROUGH	128	101	79%	100	(99.0)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	47%
BOXFORD	196	218	>99%	216	(99.1)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	47%
BOYLSTON	144	116	81%	116	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
BRAINTREE	1,518	1,010	67%	1,003	(99.3)	6	(0.6)	NS	(NS)	0	(0.0)	6	(0.6)	NS	(NS)	74%
BREWSTER	197	113	57%	111	(98.2)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	38%
BRIDGEWATER	799	722	90%	717	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	52%
BRIMFIELD	90	54	60%	54	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	49%
BROCKTON	4,691	3,572	76%	3,462	(96.9)	89	(2.5)	19	(0.5)	2	(0.1)	99	(2.8)	21	(0.6)	82%
BROOKFIELD	110	61	55%	61	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BROOKLINE	2,312	1,432	62%	1,424 (99.4)	7 (0.5)	1 (0.1)	0 (0.0)	7 (0.5)	1 (0.1)	84%		
BUCKLAND	43	12	28%	12 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	71%		
BURLINGTON	988	659	67%	651 (98.8)	8 (1.2)	0 (0.0)	0 (0.0)	6 (0.9)	0 (0.0)	58%		
CAMBRIDGE	2,957	2,388	81%	2,369 (99.2)	15 (0.6)	4 (0.2)	0 (0.0)	15 (0.6)	4 (0.2)	74%		
CANTON	826	640	77%	636 (99.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	56%		
CARLISLE	123	107	87%	106 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54%		
CARVER	356	249	70%	246 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	47%		
CHARLEMONT	24	19	79%	19 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	62%		
CHARLTON	417	306	73%	305 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	37%		
CHATHAM	90	53	59%	52 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	60%		
CHELMSFORD	1,177	982	83%	975 (99.3)	NS (NS)	NS (NS)	0 (0.0)	6 (0.6)	NS (NS)	67%		
CHELSEA	2,023	1,741	86%	1,715 (98.5)	22 (1.3)	2 (0.1)	2 (0.1)	20 (1.1)	3 (0.2)	75%		
CHESHIRE	69	84	>99%	83 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	63%		
CHESTER	30	23	77%	23 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69%		
CHESTERFIELD	21	15	71%	15 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	66%		
CHICOPEE	2,075	1,340	65%	1,305 (97.4)	31 (2.3)	4 (0.3)	0 (0.0)	24 (1.8)	4 (0.3)	82%		
CHILMARK	17	11	65%	11 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52%		
CLARKSBURG	43	28	65%	26 (92.9)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	77%		
CLINTON	558	381	68%	371 (97.4)	9 (2.4)	NS (NS)	0 (0.0)	7 (1.8)	NS (NS)	70%		
COHASSET	239	280	>99%	277 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69%		
COLRAIN	32	23	72%	22 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	63%		
CONCORD	449	306	68%	303 (99.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	64%		
CONWAY	43	17	40%	16 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54%		

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
CUMMINGTON	11	3	27%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
DALTON	168	117	70%	115	(98.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	82%
DANVERS	884	738	83%	731	(99.1)	6	(0.8)	0	(0.0)	NS	(NS)	NS	(NS)	0	(0.0)	69%
DARTMOUTH	765	577	75%	569	(98.6)	6	(1.0)	NS	(NS)	0	(0.0)	7	(1.2)	NS	(NS)	60%
DEDHAM	995	707	71%	700	(99.0)	7	(1.0)	0	(0.0)	0	(0.0)	6	(0.8)	0	(0.0)	76%
DEERFIELD	117	71	61%	71	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
DENNIS	283	206	73%	199	(96.6)	7	(3.4)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70%
DIGHTON	263	184	70%	184	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
DOUGLAS	319	121	38%	121	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
DOVER	139	122	88%	120	(98.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
DRACUT	1,154	801	69%	793	(99.0)	6	(0.7)	NS	(NS)	0	(0.0)	7	(0.9)	NS	(NS)	52%
DUDLEY	340	222	65%	222	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	65%
DUNSTABLE	65	76	>99%	76	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	36%
DUXBURY	419	360	86%	360	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
EAST BRIDGEWATER	506	371	73%	368	(99.2)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	63%
EAST BROOKFIELD	63	47	75%	47	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	65%
EAST LONGMEADOW	485	390	80%	386	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	67%
EASTHAM	62	48	77%	47	(97.9)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	54%
EASTHAMPTON	461	282	61%	277	(98.2)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	70%
EASTON	695	555	80%	548	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	6	(1.1)	NS	(NS)	53%
EDGARTOWN	134	84	63%	83	(98.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	31%
EGREMONT	18	10	56%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66%
ERVING	57	24	42%	23	(95.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	72%

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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	(%)	
ESSEX	111	84	76%	80	(95.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	68%
EVERETT	2,228	1,655	74%	1,630	(98.5)	18	(1.1)	7	(0.4)	0	(0.0)	22	(1.3)	7	(0.4)	86%
FAIRHAVEN	399	304	76%	298	(98.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	78%
FALL RIVER	3,544	2,702	76%	2,643	(97.8)	46	(1.7)	12	(0.4)	1	(<0.1)	45	(1.7)	13	(0.5)	83%
FALMOUTH	771	557	72%	552	(99.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	60%
FITCHBURG	1,836	1,155	63%	1,137	(98.4)	16	(1.4)	NS	(NS)	NS	(NS)	14	(1.2)	NS	(NS)	78%
FLORIDA	29	5	17%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
FOXBOROUGH	665	538	81%	535	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	56%
FRAMINGHAM	3,192	2,199	69%	2,164	(98.4)	25	(1.1)	9	(0.4)	1	(<0.1)	29	(1.3)	7	(0.3)	76%
FRANKLIN	1,308	598	46%	595	(99.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	40%
FREETOWN	212	215	>99%	215	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
GARDNER	772	436	56%	431	(98.9)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	76%
GEORGETOWN	327	198	61%	196	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	54%
GILL	26	29	>99%	28	(96.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
GLOUCESTER	745	716	96%	688	(96.1)	23	(3.2)	NS	(NS)	0	(0.0)	19	(2.7)	NS	(NS)	76%
GOSHEN	31	13	42%	13	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	68%
GOSNOLD	0	0	-	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	79%
GRAFTON	791	495	63%	487	(98.4)	6	(1.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	48%
GRANBY	141	105	74%	105	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
GRANVILLE	35	27	77%	27	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
GREAT BARRINGTON	136	109	80%	104	(95.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	79%
GREENFIELD	568	338	60%	326	(96.4)	11	(3.3)	NS	(NS)	0	(0.0)	9	(2.7)	0	(0.0)	78%
GROTON	366	253	69%	249	(98.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	44%

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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	(%)
GROVELAND	190	145	76%	142	(97.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	64%
HADLEY	125	68	54%	67	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59%
HALIFAX	248	180	73%	180	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
HAMILTON	266	260	98%	260	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	73%
HAMPDEN	106	87	82%	85	(97.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	77%
HANCOCK	18	14	78%	14	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	42%
HANOVER	473	408	86%	406	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
HANSON	335	267	80%	265	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63%
HARDWICK	124	40	32%	38	(95.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
HARVARD	112	93	83%	92	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
HARWICH	272	181	67%	173	(95.6)	7	(3.9)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	58%
HATFIELD	64	49	77%	47	(95.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	73%
HAVERHILL	2,975	1,482	50%	1,453	(98.0)	21	(1.4)	6	(0.4)	2	(0.1)	26	(1.8)	7	(0.5)	66%
HAWLEY	7	0	0%	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
HEATH	10	7	70%	7	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
HINGHAM	891	700	79%	700	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
HINSDALE	34	45	>99%	43	(95.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
HOLBROOK	405	317	78%	315	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	75%
HOLDEN	685	440	64%	440	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
HOLLAND	68	38	56%	38	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
HOLLISTON	467	364	78%	361	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	70%
HOLYOKE	1,878	1,193	64%	1,166	(97.7)	22	(1.8)	NS	(NS)	NS	(NS)	21	(1.8)	NS	(NS)	84%
HOPEDALE	173	127	73%	124	(97.6)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	58%



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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
HOPKINTON	593	523	88%	513	(98.1)	6	(1.1)	NS	(NS)	0	(0.0)	7	(1.3)	NS	(NS)	38%
HUBBARDSTON	135	70	52%	70	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	32%
HUDSON	747	471	63%	468	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	59%
HULL	240	140	58%	135	(96.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	76%
HUNTINGTON	56	39	70%	36	(92.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69%
IPSWICH	338	235	70%	232	(98.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63%
KINGSTON	450	333	74%	332	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	53%
LAKEVILLE	347	254	73%	250	(98.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	45%
LANCASTER	185	167	90%	167	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	72%
LANESBOROUGH	68	66	97%	63	(95.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	64%
LAWRENCE	4,808	3,762	78%	3,715	(98.8)	36	(1.0)	8	(0.2)	3	(0.1)	45	(1.2)	11	(0.3)	80%
LEE	143	82	57%	81	(98.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70%
LEICESTER	322	226	70%	223	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	66%
LENOX	90	61	68%	61	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	68%
LEOMINSTER	1,455	1,151	79%	1,138	(98.9)	9	(0.8)	NS	(NS)	NS	(NS)	10	(0.9)	NS	(NS)	65%
LEVERETT	36	18	50%	18	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
LEXINGTON	951	487	51%	483	(99.2)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	71%
LEYDEN	11	3	27%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
LINCOLN	518	135	26%	134	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%
LITTLETON	329	281	85%	274	(97.5)	NS	(NS)	NS	(NS)	0	(0.0)	6	(2.1)	NS	(NS)	57%
LONGMEADOW	463	313	68%	309	(98.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	87%
LOWELL	5,305	3,527	66%	3,451	(97.8)	56	(1.6)	15	(0.4)	5	(0.1)	72	(2.0)	20	(0.6)	80%
LUDLOW	508	387	76%	382	(98.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	64%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
LUNENBURG	327	293	90%	292	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
LYNN	5,008	3,943	79%	3,825	(97.0)	94	(2.4)	24	(0.6)	0	(0.0)	94	(2.4)	22	(0.6)	86%
LYNNFIELD	323	383	>99%	381	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
MALDEN	2,664	1,996	75%	1,952	(97.8)	38	(1.9)	6	(0.3)	0	(0.0)	39	(2.0)	6	(0.3)	78%
MANCHESTER	119	90	76%	90	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	82%
MANSFIELD	825	621	75%	612	(98.6)	6	(1.0)	NS	(NS)	NS	(NS)	7	(1.1)	NS	(NS)	48%
MARBLEHEAD	548	429	78%	422	(98.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	87%
MARION	113	90	80%	90	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	58%
MARLBOROUGH	1,924	1,098	57%	1,086	(98.9)	11	(1.0)	NS	(NS)	0	(0.0)	9	(0.8)	NS	(NS)	58%
MARSHFIELD	881	609	69%	607	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
MASHPEE	407	257	63%	254	(98.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	28%
MATTAPOISETT	115	109	95%	109	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	69%
MAYNARD	467	276	59%	272	(98.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	68%
MEDFIELD	375	396	>99%	393	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	60%
MEDFORD	2,037	1,510	74%	1,488	(98.5)	19	(1.3)	3	(0.2)	0	(0.0)	16	(1.1)	3	(0.2)	82%
MEDWAY	457	271	59%	268	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
MELROSE	1,114	980	88%	972	(99.2)	8	(0.8)	0	(0.0)	0	(0.0)	7	(0.7)	0	(0.0)	85%
MENDON	168	116	69%	116	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
MERRIMAC	133	153	>99%	149	(97.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	42%
METHUEN	2,148	1,208	56%	1,196	(99.0)	6	(0.5)	5	(0.4)	1	(0.1)	11	(0.9)	6	(0.5)	61%
MIDDLEBOROUGH	917	590	64%	580	(98.3)	8	(1.4)	NS	(NS)	0	(0.0)	7	(1.2)	NS	(NS)	52%
MIDDLEFIELD	11	0	0%	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
MIDDLETON	242	200	83%	200	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	41%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
MILFORD	1,223	847	69%	812	(95.9)	32	(3.8)	NS	(NS)	0	(0.0)	30	(3.5)	NS	(NS)	64%
MILLBURY	441	322	73%	318	(98.8)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	60%
MILLIS	276	196	71%	196	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
MILLVILLE	102	45	44%	43	(95.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	53%
MILTON	1,001	825	82%	819	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	84%
MONROE	1	3	>99%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	76%
MONSON	217	147	68%	144	(98.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
MONTAGUE	254	132	52%	131	(99.2)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	82%
MONTEREY	22	5	23%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
MONTGOMERY	26	11	42%	10	(90.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59%
MOUNT WASHINGTON	2	3	>99%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
NAHANT	54	56	>99%	54	(96.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	85%
NANTUCKET	514	216	42%	213	(98.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	35%
NATICK	1,432	1,056	74%	1,047	(99.1)	8	(0.8)	NS	(NS)	0	(0.0)	7	(0.7)	NS	(NS)	63%
NEEDHAM	1,102	888	81%	885	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
NEW ASHFORD	3	1	33%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70%
NEW BEDFORD	4,479	3,501	78%	3,334	(95.2)	135	(3.9)	28	(0.8)	4	(0.1)	132	(3.8)	30	(0.9)	86%
NEW BRAintree	27	10	37%	8	(80.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
NEW MARLBOROUGH	27	13	48%	13	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	65%
NEW SALEM	23	9	39%	8	(88.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%
NEWBURY	193	132	68%	130	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
NEWBURYPORT	492	341	69%	334	(97.9)	7	(2.1)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74%
NEWTON	2,974	1,914	64%	1,901	(99.3)	12	(0.6)	1	(0.1)	0	(0.0)	12	(0.6)	1	(0.1)	83%

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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	(%)	
NORFOLK	348	340	98%	337	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	41%
NORTH ADAMS	435	316	73%	292	(92.4)	19	(6.0)	NS	(NS)	NS	(NS)	13	(4.1)	NS	(NS)	84%
NORTH ANDOVER	1,086	733	67%	727	(99.2)	6	(0.8)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	55%
NORTH ATTLEBOROUGH	1,151	651	57%	638	(98.0)	11	(1.7)	NS	(NS)	0	(0.0)	9	(1.4)	NS	(NS)	58%
NORTH BROOKFIELD	171	82	48%	78	(95.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
NORTH READING	539	407	76%	407	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
NORTHAMPTON	648	411	63%	405	(98.5)	6	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	75%
NORTHBOROUGH	372	362	97%	360	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
NORTHBRIDGE	723	334	46%	327	(97.9)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	64%
NORTHFIELD	64	35	55%	34	(97.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	68%
NORTON	605	433	72%	431	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	47%
NORWELL	369	344	93%	343	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66%
NORWOOD	1,212	943	78%	935	(99.2)	7	(0.7)	NS	(NS)	0	(0.0)	7	(0.7)	NS	(NS)	78%
OAK BLUFFS	177	44	25%	42	(95.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	44%
OAKHAM	41	35	85%	35	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	42%
ORANGE	275	120	44%	117	(97.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	72%
ORLEANS	84	52	62%	51	(98.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52%
OTIS	43	25	58%	21	(84.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63%
OXFORD	457	287	63%	285	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
PALMER	334	253	76%	244	(96.4)	8	(3.2)	NS	(NS)	0	(0.0)	6	(2.4)	NS	(NS)	71%
PAXTON	144	103	72%	102	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	74%
PEABODY	1,774	1,418	80%	1,402	(98.9)	16	(1.1)	0	(0.0)	0	(0.0)	11	(0.8)	0	(0.0)	68%
PELHAM	31	18	58%	18	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	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		5-9		10-24		≥25		N	(%)	N	(%)	
PEMBROKE	643	425	66%	424	(99.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
PEPPERELL	382	265	69%	261	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	51%
PERU	17	16	94%	16	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
PETERSHAM	32	22	69%	22	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	69%
PHILLIPSTON	41	22	54%	22	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%
PITTSFIELD	1,557	1,186	76%	1,141	(96.2)	41	(3.5)	NS	(NS)	NS	(NS)	28	(2.4)	NS	(NS)	83%
PLAINFIELD	19	10	53%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
PLAINVILLE	338	238	70%	236	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	49%
PLYMOUTH	2,091	999	48%	989	(99.0)	6	(0.6)	NS	(NS)	NS	(NS)	9	(0.9)	NS	(NS)	52%
PLYMPTON	73	72	99%	72	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	49%
PRINCETON	72	55	76%	55	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52%
PROVINCETOWN	29	12	41%	12	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	73%
QUINCY	3,423	2,503	73%	2,463	(98.4)	30	(1.2)	10	(0.4)	0	(0.0)	31	(1.2)	10	(0.4)	71%
RANDOLPH	1,327	865	65%	860	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	69%
RAYNHAM	507	431	85%	430	(99.8)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	47%
READING	1,088	687	63%	683	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	77%
REHOBOTH	354	220	62%	219	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
REVERE	2,443	1,957	80%	1,932	(98.7)	19	(1.0)	6	(0.3)	0	(0.0)	21	(1.1)	6	(0.3)	71%
RICHMOND	15	21	>99%	20	(95.2)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
ROCHESTER	133	137	>99%	136	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	41%
ROCKLAND	750	460	61%	456	(99.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61%
ROCKPORT	129	92	71%	87	(94.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	78%
ROWE	12	10	83%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	75%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
ROWLEY	200	133	67%	131	(98.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	51%
ROYALSTON	36	15	42%	14	(93.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	51%
RUSSELL	63	31	49%	29	(93.5)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	66%
RUTLAND	313	200	64%	198	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	48%
SALEM	1,682	1,166	69%	1,141	(97.9)	22	(1.9)	NS	(NS)	0	(0.0)	20	(1.7)	NS	(NS)	81%
SALISBURY	244	127	52%	127	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	51%
SANDISFIELD	20	17	85%	16	(94.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
SANDWICH	561	367	65%	364	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	41%
SAUGUS	842	645	77%	638	(98.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	72%
SAVOY	16	6	38%	6	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
SCITUATE	559	527	94%	521	(98.9)	6	(1.1)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	73%
SEEKONK	337	253	75%	248	(98.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	65%
SHARON	621	457	74%	453	(99.1)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	NS	(NS)	61%
SHEFFIELD	56	51	91%	49	(96.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65%
SHELBURNE	40	32	80%	30	(93.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	78%
SHERBORN	87	100	>99%	100	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67%
SHIRLEY	239	125	52%	124	(99.2)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	53%
SHREWSBURY	1,394	888	64%	875	(98.5)	11	(1.2)	NS	(NS)	0	(0.0)	11	(1.2)	NS	(NS)	52%
SHUTESBURY	37	25	68%	25	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
SOMERSET	510	317	62%	316	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	80%
SOMERVILLE	2,191	1,794	82%	1,769	(98.6)	20	(1.1)	2	(0.1)	3	(0.2)	19	(1.1)	5	(0.3)	87%
SOUTH HADLEY	420	320	76%	318	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69%
SOUTHAMPTON	158	109	69%	109	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
SOUTHBOROUGH	290	252	87%	250	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	46%
SOUTHBRIDGE	638	412	65%	405	(98.3)	6	(1.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	79%
SOUTHWICK	257	169	66%	165	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
SPENCER	354	219	62%	218	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66%
SPRINGFIELD	6,378	4,871	76%	4,729	(97.1)	116	(2.4)	20	(0.4)	6	(0.1)	119	(2.4)	24	(0.5)	84%
STERLING	223	138	62%	138	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%
STOCKBRIDGE	22	13	59%	12	(92.3)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	72%
STONEHAM	678	641	95%	640	(99.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	76%
STOUGHTON	951	789	83%	778	(98.6)	8	(1.0)	NS	(NS)	NS	(NS)	10	(1.3)	NS	(NS)	69%
STOW	252	172	68%	171	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
STURBRIDGE	425	233	55%	232	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	47%
SUDBURY	585	488	83%	483	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	59%
SUNDERLAND	85	60	71%	59	(98.3)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	55%
SUTTON	228	227	100%	226	(99.6)	0	(0.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	50%
SWAMPSCOTT	446	435	98%	425	(97.7)	8	(1.8)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	85%
SWANSEA	405	298	74%	296	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	68%
TAUNTON	2,288	1,588	69%	1,567	(98.7)	18	(1.1)	3	(0.2)	0	(0.0)	17	(1.1)	3	(0.2)	64%
TEMPLETON	332	167	50%	162	(97.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	53%
TEWKSBURY	999	697	70%	694	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	49%
TISBURY	146	136	93%	131	(96.3)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	NS	(NS)	49%
TOLLAND	14	1	7%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	50%
TOPSFIELD	138	153	>99%	152	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
TOWNSEND	281	216	77%	210	(97.2)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	NS	(NS)	62%

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
TRURO	25	12	48%	11	(91.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	56%
TYNGSBOROUGH	359	298	83%	294	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	32%
TYRINGHAM	2	3	>99%	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
UPTON	289	193	67%	192	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	44%
UXBRIDGE	505	212	42%	210	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	47%
WAKEFIELD	944	762	81%	760	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	75%
WALES	63	27	43%	26	(96.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	53%
WALPOLE	923	716	78%	711	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	57%
WALTHAM	2,269	1,619	71%	1,596	(98.6)	19	(1.2)	4	(0.2)	0	(0.0)	22	(1.4)	4	(0.2)	75%
WARE	362	196	54%	188	(95.9)	6	(3.1)	NS	(NS)	0	(0.0)	7	(3.6)	NS	(NS)	66%
WAREHAM	797	518	65%	506	(97.7)	11	(2.1)	0	(0.0)	NS	(NS)	7	(1.4)	NS	(NS)	70%
WARREN	189	72	38%	68	(94.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	56%
WARWICK	17	12	71%	12	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
WASHINGTON	9	11	>99%	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
WATERTOWN	1,132	861	76%	853	(99.1)	6	(0.7)	NS	(NS)	NS	(NS)	6	(0.7)	NS	(NS)	78%
WAYLAND	401	366	91%	365	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	76%
WEBSTER	659	426	65%	414	(97.2)	6	(1.4)	NS	(NS)	NS	(NS)	11	(2.6)	6	(1.4)	71%
WELLESLEY	1,140	617	54%	613	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	77%
WELLFLEET	43	23	53%	23	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
WENDELL	17	10	59%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	42%
WENHAM	94	115	>99%	113	(98.3)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
WEST BOYLSTON	176	154	88%	153	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71%
WEST BRIDGEWATER	204	215	>99%	213	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72%



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 Calendar Year 2019*

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	(%)	
WEST BROOKFIELD	94	55	59%	55	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	61%
WEST NEWBURY	95	105	>99%	102	(97.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	51%
WEST SPRINGFIELD	1,115	751	67%	726	(96.7)	22	(2.9)	NS	(NS)	NS	(NS)	17	(2.3)	NS	(NS)	78%
WEST STOCKBRIDGE	15	18	>99%	17	(94.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59%
WEST TISBURY	68	40	59%	40	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	28%
WESTBOROUGH	692	578	84%	570	(98.6)	6	(1.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	53%
WESTFIELD	1,392	820	59%	798	(97.3)	16	(2.0)	NS	(NS)	NS	(NS)	16	(2.0)	6	(0.7)	70%
WESTFORD	660	524	79%	523	(99.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	41%
WESTHAMPTON	43	11	26%	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54%
WESTMINSTER	190	182	96%	180	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	57%
WESTON	300	233	78%	231	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72%
WESTPORT	391	294	75%	290	(98.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61%
WESTWOOD	472	375	79%	375	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64%
WEYMOUTH	2,193	1,510	69%	1,486	(98.4)	17	(1.1)	3	(0.2)	4	(0.3)	20	(1.3)	7	(0.5)	75%
WHATELY	39	23	59%	23	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	60%
WHITMAN	640	393	61%	389	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	78%
WILBRAHAM	393	333	85%	332	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	74%
WILLIAMSBURG	59	40	68%	38	(95.0)	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	68%
WILLIAMSTOWN	117	110	94%	106	(96.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	79%
WILMINGTON	932	576	62%	574	(99.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	56%
WINCHENDON	337	227	67%	214	(94.3)	10	(4.4)	NS	(NS)	0	(0.0)	12	(5.3)	NS	(NS)	53%
WINCHESTER	800	603	75%	601	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	79%
WINDSOR	9	10	>99%	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	48%

*Screening and Prevalence of Childhood Blood Lead Levels for Children 9 months to less than 4 years of age by Community  
Calendar Year 2019*

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	(%)
WINTHROP	584	456	78%	443	(97.1)	11	(2.4)	NS	(NS)	0	(0.0)	10	(2.2)	NS	(NS)	89%
WOBURN	1,588	1,185	75%	1,168	(98.6)	17	(1.4)	0	(0.0)	0	(0.0)	10	(0.8)	0	(0.0)	69%
WORCESTER	7,321	5,175	71%	5,060	(97.8)	98	(1.9)	13	(0.3)	4	(0.1)	104	(2.0)	16	(0.3)	78%
WORTHINGTON	13	18	>99%	18	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62%
WRENTHAM	366	315	86%	312	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	49%
YARMOUTH	652	418	64%	411	(98.3)	6	(1.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	66%
<b>Total for MA</b>	240,575	172,528	72%	169,800	(98.4)	2,235	(1.3)	431	(0.2)	62	(<0.1)	1,979	(1.1)	457	(0.3)	69%

**Comments:**

N = number (counts of children)

NS = number or prevalence is not shown when N is between 1-5 and total screened is less than 1,200. 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.