

Screening and Prevalence Statistics **2017 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 guidelines, please visit the CDC's information page on blood lead levels [here](#).

ESTIMATED CONFIRMED ≥ 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 ≥ 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 ≥ 5 $\mu\text{g}/\text{dL}$. The number of children with estimated confirmed ≥ 5 $\mu\text{g}/\text{dL}$ blood lead levels is calculated as the sum of those with confirmed blood lead levels ≥ 5 $\mu\text{g}/\text{dL}$ and a proportion of those having unconfirmed blood lead levels ≥ 5 $\mu\text{g}/\text{dL}$. The proportion of unconfirmed blood lead levels ≥ 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 ≥ 5 $\mu\text{g}/\text{dL}$ upon retest (positive predictive value).

CONFIRMED ≥ 10 : The Childhood Lead Poisoning Prevention Program defines lead poisoning as a blood lead level ≥ 10 $\mu\text{g}/\text{dL}$. This data shows the number (N) and percentage (%) of children 9 to 47 months of age with a confirmed blood lead specimen ≥ 10 $\mu\text{g}/\text{dL}$. While not presented in the table, the number of unconfirmed ≥ 10 $\mu\text{g}/\text{dL}$ can be calculated by summing the 10-24 and ≥ 25 $\mu\text{g}/\text{dL}$ blood lead level categories and then subtracting the number of confirmed ≥ 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 2012-2016 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 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
ABINGTON	673	514	76	512 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69
ACTON	739	482	65	474 (98.3)	NS (NS)	NS (NS)	NS (NS)	6 (1.2)	NS (NS)	NS (NS)	NS (NS)	58
ACUSHNET	276	236	86	231 (97.9)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	68
ADAMS	228	214	94	199 (93.0)	15 (7.0)	0 (0.0)	0 (0.0)	7 (3.3)	0 (0.0)	0 (0.0)	0 (0.0)	92
AGAWAM	849	613	72	605 (98.7)	7 (1.1)	NS (NS)	0 (0.0)	7 (1.1)	NS (NS)	NS (NS)	NS (NS)	68
ALFORD	7	2	29	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54
AMESBURY	573	415	72	402 (96.9)	9 (2.2)	NS (NS)	0 (0.0)	10 (2.4)	NS (NS)	NS (NS)	NS (NS)	66
AMHERST	505	314	62	304 (96.8)	7 (2.2)	NS (NS)	0 (0.0)	10 (3.2)	NS (NS)	NS (NS)	NS (NS)	64
ANDOVER	1132	754	67	751 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	67
AQUINNAH	11	0	0	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	40
ARLINGTON	1808	1452	80	1440 (99.2)	8 (0.6)	4 (0.3)	0 (0.0)	10 (0.7)	4 (0.3)	4 (0.3)	4 (0.3)	88
ASHBURNHAM	205	117	57	116 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	57
ASHBY	106	62	58	61 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	65
ASHFIELD	37	24	65	21 (87.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	63
ASHLAND	852	535	63	530 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	44

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
ATHOL	423	222	52	216 (97.3)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	76	
ATTLEBORO	1809	1287	71	1261 (98.0)	22 (1.7)	4 (0.3)	0 (0.0)	18 (1.4)	3 (0.2)	63		
AUBURN	506	401	79	400 (99.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	69		
AVON	135	136	>99	133 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	84		
AYER	328	223	68	219 (98.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	59		
BARNSTABLE	1359	989	73	973 (98.4)	15 (1.5)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	56		
BARRE	171	118	69	114 (96.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	61		
BECKET	44	23	52	23 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	53		
BEDFORD	537	387	72	384 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	61		
BELCHERTOWN	510	306	60	303 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	42		
BELLINGHAM	741	293	40	289 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	62		
BELMONT	1095	610	56	603 (98.9)	6 (1.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	92		
BERKLEY	192	141	73	138 (97.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	37		
BERLIN	87	56	64	56 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	53		
BERNARDSTON	46	47	>99	45 (95.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	63		

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BEVERLY	1442	1096	76	1074 (98.0)	22 (2.0)	0 (0.0)	0 (0.0)	11 (1.0)	0 (0.0)	0 (0.0)	79	
BILLERICA	1516	1067	70	1054 (98.8)	12 (1.1)	NS (NS)	0 (0.0)	7 (0.7)	NS (NS)	NS (NS)	64	
BLACKSTONE	305	135	44	134 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	58	
BLANDFORD	23	19	83	19 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	67	
BOLTON	161	147	91	147 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	36	
BOSTON	21814	16831	77	16493 (98.0)	285 (1.7)	46 (0.3)	7 (<0.1)	305 (1.8)	51 (0.3)	51 (0.3)	80	
BOURNE	497	360	72	355 (98.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
BOXBOROUGH	131	76	58	76 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49	
BOXFORD	192	193	>99	191 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
BOYLSTON	142	105	74	105 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61	
BRAINTREE	1481	1029	69	1023 (99.4)	6 (0.6)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	76	
BREWSTER	193	117	61	114 (97.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	40	
BRIDGEWATER	767	678	88	673 (99.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	50	
BRIMFIELD	93	73	78	71 (97.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
BROCKTON	4626	3699	80	3536 (95.6)	132 (3.6)	30 (0.8)	1 (<0.1)	142 (3.8)	31 (0.8)	31 (0.8)	83	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BROOKFIELD	110	61	55	59 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	53	
BROOKLINE	2274	1379	61	1365 (99.0)	13 (0.9)	1 (0.1)	0 (0.0)	10 (0.7)	1 (0.1)	86		
BUCKLAND	48	10	21	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	67		
BURLINGTON	983	650	66	642 (98.8)	NS (NS)	NS (NS)	NS (NS)	6 (0.9)	NS (NS)	65		
CAMBRIDGE	3006	2426	81	2402 (99.0)	16 (0.7)	7 (0.3)	1 (<0.1)	22 (0.9)	7 (0.3)	76		
CANTON	816	632	77	627 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	60		
CARLISLE	126	98	78	97 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	52		
CARVER	351	233	66	228 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	41		
CHARLEMONT	27	17	63	15 (88.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	68		
CHARLTON	418	333	80	331 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	38		
CHATHAM	91	54	59	52 (96.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	61		
CHELMSFORD	1190	927	78	913 (98.5)	12 (1.3)	NS (NS)	0 (0.0)	8 (0.9)	NS (NS)	65		
CHELSEA	2078	1942	93	1888 (97.2)	43 (2.2)	10 (0.5)	1 (0.1)	44 (2.3)	9 (0.5)	79		
CHESHIRE	73	83	>99	83 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61		
CHESTER	31	18	58	17 (94.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	66		

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
CHESTERFIELD	23	16	70	16	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	67
CHICOPEE	2071	1354	65	1321	(97.6)	27	(2.0)	6	(0.4)	0	(0.0)	28	(2.1)	5	(0.4)	83
CHILMARK	17	14	82	13	(92.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	52
CLARKSBURG	45	14	31	14	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	81
CLINTON	559	438	78	427	(97.5)	10	(2.3)	NS	(NS)	0	(0.0)	6	(1.4)	NS	(NS)	73
COHASSET	249	251	>99	248	(98.8)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	71
COLRAIN	34	26	76	22	(84.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63
CONCORD	463	284	61	283	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	67
CONWAY	47	21	45	18	(85.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	55
CUMMINGTON	13	9	69	8	(88.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61
DALTON	168	136	81	136	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	84
DANVERS	860	721	84	710	(98.5)	10	(1.4)	NS	(NS)	0	(0.0)	8	(1.1)	NS	(NS)	70
DARTMOUTH	735	647	88	643	(99.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61
DEDHAM	964	728	76	723	(99.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	73
DEERFIELD	126	87	69	87	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
DENNIS	290	187	64	182 (97.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	71	
DIGHTON	255	173	68	169 (97.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	51	
DOUGLAS	321	155	48	152 (98.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	47	
DOVER	143	135	94	135 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	66	
DRACUT	1154	832	72	825 (99.2)	7 (0.8)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
DUDLEY	338	244	72	242 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	65	
DUNSTABLE	68	62	91	62 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	38	
DUXBURY	420	403	96	399 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	60	
EAST BRIDGEWATER	492	389	79	380 (97.7)	7 (1.8)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
EAST BROOKFIELD	64	46	72	46 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69	
EAST LONGMEADOW	477	390	82	384 (98.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	67	
EASTHAM	64	38	59	38 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
EASTHAMPTON	479	329	69	324 (98.5)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	72	
EASTON	676	529	78	524 (99.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	54	
EDGARTOWN	130	44	34	41 (93.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	39	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
EGREMONT	19	11	58	11 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	66
ERVING	58	35	60	34 (97.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	68
ESSEX	110	95	86	89 (93.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	66
EVERETT	2202	1704	77	1672 (98.1)	26 (1.5)	5 (0.3)	1 (0.1)	27 (1.6)	6 (0.4)	6 (0.4)	6 (0.4)	90
FAIRHAVEN	397	308	78	297 (96.4)	8 (2.6)	NS (NS)	0 (0.0)	7 (2.3)	NS (NS)	NS (NS)	NS (NS)	76
FALL RIVER	3511	2641	75	2551 (96.6)	75 (2.8)	13 (0.5)	2 (0.1)	58 (2.2)	14 (0.5)	14 (0.5)	14 (0.5)	82
FALMOUTH	761	616	81	610 (99.0)	6 (1.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	60
FITCHBURG	1819	1183	65	1153 (97.5)	26 (2.2)	NS (NS)	NS (NS)	25 (2.1)	NS (NS)	NS (NS)	NS (NS)	77
FLORIDA	30	7	23	6 (85.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	62
FOXBOROUGH	644	471	73	464 (98.5)	NS (NS)	NS (NS)	0 (0.0)	6 (1.3)	NS (NS)	NS (NS)	NS (NS)	57
FRAMINGHAM	3217	2121	66	2089 (98.5)	29 (1.4)	1 (<0.1)	2 (0.1)	25 (1.2)	3 (0.1)	3 (0.1)	3 (0.1)	79
FRANKLIN	1281	535	42	531 (99.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	42
FREETOWN	212	234	>99	233 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	63
GARDNER	780	454	58	430 (94.7)	16 (3.5)	7 (1.5)	NS (NS)	18 (4.0)	7 (1.5)	7 (1.5)	7 (1.5)	78
GEORGETOWN	318	218	69	214 (98.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	55

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 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)	0 (0.0)	57	
GLOUCESTER	752	675	90	646 (95.7)	25 (3.7)	NS (NS)	0 (0.0)	20 (3.0)	NS (NS)	NS (NS)	77	
GOSHEN	32	8	25	8 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61	
GOSNOLD	0	0	-	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	79	
GRAFTON	790	501	63	498 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	48	
GRANBY	148	102	69	99 (97.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	65	
GRANVILLE	36	28	78	27 (96.4)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	66	
GREAT BARRINGTON	142	98	69	97 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	73	
GREENFIELD	606	368	61	356 (96.7)	9 (2.4)	NS (NS)	0 (0.0)	12 (3.3)	NS (NS)	NS (NS)	81	
GROTON	367	205	56	203 (99.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	48	
GROVELAND	189	132	70	131 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	65	
HADLEY	127	58	46	57 (98.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
HALIFAX	246	175	71	175 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	62	
HAMILTON	270	238	88	237 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	74	
HAMPDEN	110	93	85	92 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	76	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				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)	36
HANOVER	463	404	87	398	(98.5)	6	(1.5)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	62
HANSON	327	266	81	264	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	64
HARDWICK	123	45	37	38	(84.4)	NS	(NS)	NS	(NS)	NS	(NS)	7	(15.6)	NS	(NS)	64
HARVARD	114	88	77	87	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	58
HARWICH	265	177	67	172	(97.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	58
HATFIELD	68	46	68	45	(97.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72
HAVERHILL	2904	1723	59	1695	(98.4)	22	(1.3)	4	(0.2)	2	(0.1)	23	(1.3)	6	(0.3)	67
HAWLEY	7	0	0	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64
HEATH	11	3	27	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52
HINGHAM	874	661	76	656	(99.2)	NS	(NS)	NS	(NS)	NS	(NS)	NS	(NS)	NS	(NS)	64
HINSDALE	35	41	>99	40	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63
HOLBROOK	400	276	69	273	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74
HOLDEN	673	465	69	463	(99.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61
HOLLAND	68	46	68	46	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	68

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
HOLLISTON	476	388	82	383	(98.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	71
HOLYOKE	1919	1395	73	1355	(97.1)	30	(2.2)	10	(0.7)	0	(0.0)	34	(2.4)	9	(0.6)	83
HOPEDALE	178	126	71	123	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	58
HOPKINTON	594	486	82	481	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	41
HUBBARDSTON	134	84	63	82	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	34
HUDSON	750	508	68	503	(99.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	62
HULL	245	165	67	165	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	76
HUNTINGTON	64	49	77	46	(93.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	65
IPSWICH	340	218	64	215	(98.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	67
KINGSTON	440	346	79	344	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	55
LAKEVILLE	339	294	87	291	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	46
LANCASTER	189	156	83	153	(98.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	75
LANESBOROUGH	71	52	73	50	(96.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	62
LAWRENCE	4758	3316	70	3264	(98.4)	37	(1.1)	11	(0.3)	4	(0.1)	47	(1.4)	15	(0.5)	82
LEE	145	101	70	98	(97.0)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	73

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
LEICESTER	324	240	74	238 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	68	
LENOX	95	63	66	61 (96.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	65	
LEOMINSTER	1473	1146	78	1129 (98.5)	14 (1.2)	NS (NS)	NS (NS)	14 (1.2)	NS (NS)	NS (NS)	66	
LEVERETT	38	27	71	25 (92.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	58	
LEXINGTON	961	549	57	546 (99.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	73	
LEYDEN	12	3	25	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
LINCOLN	513	103	20	102 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	55	
LITTLETON	333	257	77	254 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
LONGMEADOW	465	276	59	271 (98.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	84	
LOWELL	5431	3721	69	3597 (96.7)	105 (2.8)	15 (0.4)	4 (0.1)	99 (2.7)	18 (0.5)	18 (0.5)	78	
LUDLOW	519	407	78	403 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	66	
LUNENBURG	324	253	78	250 (98.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
LYNN	4906	3913	80	3723 (95.1)	163 (4.2)	23 (0.6)	4 (0.1)	142 (3.6)	27 (0.7)	27 (0.7)	87	
LYNNFIELD	320	390	>99	390 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	71	
MALDEN	2698	2021	75	1966 (97.3)	42 (2.1)	12 (0.6)	1 (<0.1)	47 (2.3)	13 (0.6)	13 (0.6)	78	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
MANCHESTER	122	90	74	88 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	80
MANSFIELD	808	600	74	595 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	48
MARBLEHEAD	564	457	81	450 (98.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	87
MARION	117	92	79	92 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56
MARLBOROUGH	1895	1184	62	1169 (98.7)	14 (1.2)	NS (NS)	0 (0.0)	11 (0.9)	NS (NS)	NS (NS)	NS (NS)	60
MARSHFIELD	873	583	67	580 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	66
MASHPEE	398	305	77	304 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	29
MATTAPOISETT	120	94	78	94 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	74
MAYNARD	478	259	54	256 (98.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	71
MEDFIELD	372	398	>99	397 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	63
MEDFORD	2053	1465	71	1439 (98.2)	18 (1.2)	8 (0.5)	0 (0.0)	21 (1.4)	8 (0.5)	8 (0.5)	8 (0.5)	82
MEDWAY	448	290	65	286 (98.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	56
MELROSE	1115	1023	92	1000 (97.8)	20 (2.0)	NS (NS)	0 (0.0)	19 (1.9)	NS (NS)	NS (NS)	NS (NS)	86
MENDON	172	103	60	102 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	45
MERRIMAC	134	155	>99	153 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	53

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
METHUEN	2050	1234	60	1223 (99.1)	7 (0.6)	2 (0.2)	2 (0.2)	9 (0.7)	3 (0.2)	62		
MIDDLEBOROUGH	884	574	65	556 (96.9)	15 (2.6)	NS (NS)	NS (NS)	11 (1.9)	NS (NS)	50		
MIDDLEFIELD	12	0	0	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	41		
MIDDLETON	235	212	90	212 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	47		
MILFORD	1217	884	73	857 (96.9)	22 (2.5)	NS (NS)	0 (0.0)	26 (2.9)	NS (NS)	65		
MILLBURY	444	321	72	321 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	60		
MILLIS	278	178	64	178 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	57		
MILLVILLE	102	40	39	39 (97.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	56		
MILTON	984	848	86	835 (98.5)	9 (1.1)	NS (NS)	0 (0.0)	11 (1.3)	NS (NS)	84		
MONROE	1	1	100	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	75		
MONSON	220	160	73	155 (96.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	56		
MONTAGUE	271	167	62	163 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	75		
MONTEREY	23	5	22	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	59		
MONTGOMERY	26	5	19	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	55		
MOUNT WASHINGTON	2	1	50	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61		

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
NAHANT	57	63	>99	60 (95.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	88	
NANTUCKET	492	237	48	227 (95.8)	10 (4.2)	0 (0.0)	0 (0.0)	6 (2.5)	0 (0.0)	0 (0.0)	39	
NATICK	1457	1135	78	1123 (98.9)	8 (0.7)	NS (NS)	NS (NS)	10 (0.9)	NS (NS)	NS (NS)	65	
NEEDHAM	1119	847	76	844 (99.6)	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	4344	3481	80	3310 (95.1)	135 (3.9)	32 (0.9)	4 (0.1)	129 (3.7)	33 (0.9)	0 (0.0)	85	
NEW BRAINTREE	28	13	46	11 (84.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	46	
NEW MARLBOROUGH	28	13	46	12 (92.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	64	
NEW SALEM	25	8	32	8 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	57	
NEWBURY	192	101	53	99 (98.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	53	
NEWBURYPORT	503	318	63	311 (97.8)	7 (2.2)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
NEWTON	3021	2069	68	2050 (99.1)	15 (0.7)	3 (0.1)	1 (<0.1)	11 (0.5)	3 (0.1)	0 (0.0)	83	
NORFOLK	339	297	88	294 (99.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	44	
NORTH ADAMS	444	398	90	360 (90.5)	32 (8.0)	6 (1.5)	0 (0.0)	19 (4.8)	NS (NS)	NS (NS)	85	
NORTH ANDOVER	1070	689	64	685 (99.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	57	

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed $\geq 5^3$		Confirmed $\geq 10^4$		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥ 25 N (%)	N (%)	N (%)	N (%)	N (%)	
NORTH ATTLEBOROU	1131	683	60	668 (97.8)	12 (1.8)	NS (NS)	0 (0.0)	11 (1.6)	NS (NS)	NS (NS)	61	
NORTH BROOKFIELD	170	95	56	89 (93.7)	6 (6.3)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
NORTH READING	532	440	83	437 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
NORTHAMPTON	674	467	69	459 (98.3)	7 (1.5)	NS (NS)	0 (0.0)	8 (1.7)	NS (NS)	NS (NS)	78	
NORTHBOROUGH	387	396	>99	394 (99.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	55	
NORTHBRIDGE	707	354	50	342 (96.6)	9 (2.5)	NS (NS)	0 (0.0)	10 (2.8)	NS (NS)	NS (NS)	65	
NORTHFIELD	68	45	66	41 (91.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	72	
NORTON	603	451	75	449 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	46	
NORWELL	364	360	99	359 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
NORWOOD	1195	930	78	920 (98.9)	6 (0.6)	NS (NS)	NS (NS)	8 (0.9)	NS (NS)	NS (NS)	79	
OAK BLUFFS	167	41	25	41 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49	
OAKHAM	40	27	68	26 (96.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	44	
ORANGE	286	141	49	133 (94.3)	6 (4.3)	NS (NS)	0 (0.0)	6 (4.3)	NS (NS)	NS (NS)	71	
ORLEANS	84	52	62	50 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	54	
OTIS	43	22	51	21 (95.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	60	

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
OXFORD	467	320	69	317 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
PALMER	339	251	74	239 (95.2)	11 (4.4)	NS (NS)	0 (0.0)	11 (4.4)	NS (NS)	NS (NS)	72	
PAXTON	145	77	53	76 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	71	
PEABODY	1714	1364	80	1350 (99.0)	13 (1.0)	1 (0.1)	0 (0.0)	11 (0.8)	1 (0.1)	NS (NS)	67	
PELHAM	32	12	38	11 (91.7)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	64	
PEMBROKE	630	450	71	447 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
PEPPERELL	387	234	60	231 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	49	
PERU	17	9	53	9 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48	
PETERSHAM	33	12	36	11 (91.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	68	
PHILLIPSTON	42	16	38	16 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48	
PITTSFIELD	1556	1174	75	1122 (95.6)	47 (4.0)	NS (NS)	NS (NS)	33 (2.8)	NS (NS)	NS (NS)	83	
PLAINFIELD	20	4	20	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	59	
PLAINVILLE	327	217	66	211 (97.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	55	
PLYMOUTH	2044	1036	51	1031 (99.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	54	
PLYMPTON	72	84	>99	82 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	45	

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
PRINCETON	76	62	82	62 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	59
PROVINCETOWN	31	15	48	13 (86.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	71
QUINCY	3423	2735	80	2692 (98.4)	36 (1.3)	7 (0.3)	0 (0.0)	37 (1.4)	5 (0.2)	5 (0.2)	5 (0.2)	72
RANDOLPH	1295	889	69	882 (99.2)	7 (0.8)	0 (0.0)	0 (0.0)	6 (0.7)	0 (0.0)	0 (0.0)	0 (0.0)	69
RAYNHAM	491	412	84	412 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	46
READING	1071	726	68	722 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	78
REHOBOTH	347	194	56	193 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	52
REVERE	2438	2018	83	1967 (97.5)	46 (2.3)	4 (0.2)	1 (<0.1)	35 (1.7)	4 (0.2)	4 (0.2)	4 (0.2)	74
RICHMOND	15	11	73	11 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69
ROCHESTER	134	120	90	119 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	42
ROCKLAND	733	482	66	476 (98.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	66
ROCKPORT	132	101	77	96 (95.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	76
ROWE	12	3	25	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	73
ROWLEY	198	126	64	124 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49
ROYALSTON	36	17	47	17 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	55

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
RUSSELL	63	31	49	28	(90.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	68
RUTLAND	312	193	62	191	(99.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	49
SALEM	1640	1102	67	1082	(98.2)	19	(1.7)	NS	(NS)	0	(0.0)	11	(1.0)	NS	(NS)	80
SALISBURY	240	140	58	137	(97.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	58
SANDISFIELD	22	15	68	15	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	54
SANDWICH	538	362	67	360	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	45
SAUGUS	818	627	77	615	(98.1)	10	(1.6)	NS	(NS)	0	(0.0)	6	(1.0)	NS	(NS)	71
SAVOY	16	8	50	8	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52
SCITUATE	556	515	93	511	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74
SEEKONK	332	270	81	265	(98.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	66
SHARON	606	408	67	405	(99.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	62
SHEFFIELD	59	62	>99	60	(96.8)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66
SHELBURNE	43	54	>99	52	(96.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	0	(0.0)	83
SHERBORN	93	93	100	93	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	69
SHIRLEY	236	140	59	137	(97.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	47

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
SHREWSBURY	1388	924	67	909 (98.4)	10 (1.1)	NS (NS)	0 (0.0)	14 (1.5)	NS (NS)	NS (NS)	56	
SHUTESBURY	40	19	48	19 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	51	
SOMERSET	501	335	67	330 (98.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	79	
SOMERVILLE	2252	1845	82	1821 (98.7)	20 (1.1)	4 (0.2)	0 (0.0)	20 (1.1)	4 (0.2)	4 (0.2)	88	
SOUTH HADLEY	432	323	75	314 (97.2)	7 (2.2)	NS (NS)	0 (0.0)	8 (2.5)	NS (NS)	NS (NS)	70	
SOUTHAMPTON	162	116	72	115 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
SOUTHBOROUGH	299	252	84	250 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	51	
SOUTHBRIDGE	639	416	65	408 (98.1)	6 (1.4)	NS (NS)	0 (0.0)	6 (1.4)	NS (NS)	NS (NS)	79	
SOUTHWICK	257	175	68	174 (99.4)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	49	
SPENCER	362	261	72	256 (98.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	69	
SPRINGFIELD	6618	5080	77	4869 (95.8)	182 (3.6)	26 (0.5)	3 (0.1)	183 (3.6)	26 (0.5)	26 (0.5)	84	
STERLING	229	147	64	145 (98.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	52	
STOCKBRIDGE	23	14	61	14 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	75	
STONEHAM	687	645	94	638 (98.9)	NS (NS)	NS (NS)	0 (0.0)	6 (0.9)	NS (NS)	NS (NS)	71	
STOUGHTON	948	775	82	761 (98.2)	10 (1.3)	NS (NS)	NS (NS)	11 (1.4)	NS (NS)	NS (NS)	69	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
STOW	256	173	68	173 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54
STURBRIDGE	417	232	56	227 (97.8)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	39
SUDBURY	600	424	71	422 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	58
SUNDERLAND	89	49	55	48 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	62
SUTTON	235	183	78	182 (99.5)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	51
SWAMPSCOTT	449	458	>99	444 (96.9)	13 (2.8)	NS (NS)	0 (0.0)	0 (0.0)	10 (2.2)	NS (NS)	NS (NS)	86
SWANSEA	405	259	64	254 (98.1)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	69
TAUNTON	2214	1710	77	1667 (97.5)	34 (2.0)	8 (0.5)	1 (0.1)	1 (0.1)	25 (1.5)	7 (0.4)	7 (0.4)	65
TEMPLETON	324	147	45	143 (97.3)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	52
TEWKSBURY	999	711	71	706 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52
TISBURY	139	81	58	79 (97.5)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	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)	0 (0.0)	0 (0.0)	51
TOPSFIELD	140	153	>99	152 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	76
TOWNSEND	286	202	71	199 (98.5)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	60
TRURO	26	10	38	7 (70.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	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 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
TYNGSBOROUGH	367	307	84	306 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	34
TYRINGHAM	2	2	100	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	60
UPTON	278	189	68	185 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	49
UXBRIDGE	505	232	46	227 (97.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	53
WAKEFIELD	945	731	77	724 (99.0)	6 (0.8)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	79
WALES	64	35	55	35 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	59
WALPOLE	893	710	80	705 (99.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	56
WALTHAM	2274	1495	66	1478 (98.9)	14 (0.9)	3 (0.2)	0 (0.0)	15 (1.0)	3 (0.2)	3 (0.2)	3 (0.2)	74
WARE	375	228	61	208 (91.2)	16 (7.0)	NS (NS)	0 (0.0)	20 (8.8)	NS (NS)	NS (NS)	NS (NS)	65
WAREHAM	779	512	66	501 (97.9)	11 (2.1)	0 (0.0)	0 (0.0)	6 (1.2)	0 (0.0)	0 (0.0)	0 (0.0)	70
WARREN	187	83	44	77 (92.8)	6 (7.2)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	64
WARWICK	17	10	59	9 (90.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	66
WASHINGTON	9	10	>99	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	50
WATERTOWN	1169	876	75	865 (98.7)	10 (1.1)	NS (NS)	0 (0.0)	10 (1.1)	NS (NS)	NS (NS)	NS (NS)	80
WAYLAND	407	418	>99	418 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	77

Bureau of <b style="font-size: 2em;">BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

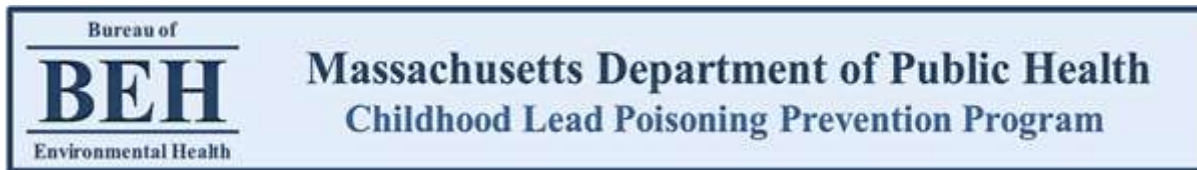
Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WEBSTER	659	446	68	435 (97.5)	9 (2.0)	NS (NS)	NS (NS)	10 (2.2)	NS (NS)	NS (NS)	76	
WELLESLEY	1112	666	60	663 (99.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	79	
WELLFLEET	44	26	59	26 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	53	
WENDELL	20	10	50	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	44	
WENHAM	92	108	>99	106 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	71	
WEST BOYLSTON	175	130	74	129 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	71	
WEST BRIDGEWATER	200	248	>99	246 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	69	
WEST BROOKFIELD	94	65	69	62 (95.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	60	
WEST NEWBURY	101	79	78	76 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	52	
WEST SPRINGFIELD	1118	798	71	767 (96.1)	26 (3.3)	NS (NS)	0 (0.0)	29 (3.6)	NS (NS)	NS (NS)	82	
WEST STOCKBRIDGE	16	12	75	9 (75.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	63	
WEST TISBURY	63	38	60	36 (94.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	27	
WESTBOROUGH	706	591	84	579 (98.0)	10 (1.7)	NS (NS)	0 (0.0)	10 (1.7)	NS (NS)	NS (NS)	54	
WESTFIELD	1403	861	61	825 (95.8)	30 (3.5)	NS (NS)	NS (NS)	34 (3.9)	6 (0.7)	NS (NS)	72	
WESTFORD	673	510	76	506 (99.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	43	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
---	--

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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WESTHAMPTON	45	18	40	18 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	53
WESTMINSTER	192	177	92	173 (97.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	61
WESTON	309	212	69	210 (99.1)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	69
WESTPORT	385	278	72	274 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	62
WESTWOOD	472	370	78	369 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	64
WEYMOUTH	2162	1613	75	1593 (98.8)	14 (0.9)	5 (0.3)	1 (0.1)	14 (0.9)	6 (0.4)	6 (0.4)	6 (0.4)	76
WHATELY	42	10	24	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	64
WHITMAN	626	440	70	435 (98.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	79
WILBRAHAM	386	306	79	303 (99.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	74
WILLIAMSBURG	63	56	89	54 (96.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	67
WILLIAMSTOWN	120	115	96	111 (96.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	79
WILMINGTON	926	639	69	635 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	57
WINCHENDON	337	243	72	233 (95.9)	9 (3.7)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	57
WINCHESTER	829	619	75	614 (99.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	78
WINDSOR	10	6	60	6 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	51



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

Calendar Year 2017: January 01, 2017- December 31, 2017

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Estimated Confirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WINTHROP	602	495	82	484 (97.8)	10 (2.0)	NS (NS)	0 (0.0)	7 (1.4)	NS (NS)	NS (NS)	90	
WOBURN	1598	1163	73	1137 (97.8)	20 (1.7)	NS (NS)	NS (NS)	18 (1.5)	6 (0.5)	6 (0.5)	71	
WORCESTER	7455	5736	77	5596 (97.6)	115 (2.0)	21 (0.4)	4 (0.1)	122 (2.1)	25 (0.4)	25 (0.4)	78	
WORTHINGTON	14	17	>99	17 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	66	
WRENTHAM	359	271	75	269 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49	
YARMOUTH	630	429	68	420 (97.9)	8 (1.9)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
Total for MA	240,901	175,656	73	172,101 (98.0)	2,955 (1.7)	527 (0.3)	73 (<0.1)	2,754 (1.6)	556 (0.3)	556 (0.3)	71	

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:

¹According 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 2017 UMass Donahue Institute population estimates.

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

³The 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.

⁴MA 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.

⁵Percentage of housing units built prior to 1978 as estimated by the 2012-2016 American Community Survey.