



Screening and Prevalence Statistics **2015 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 2010-2014 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 2015: January 01, 2015- December 31, 2015

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	634	485	76	472 (97.3)	12 (2.5)	NS (NS)	0 (0.0)	10 (2.1)	NS (NS)	NS (NS)	68	
ACTON	742	443	60	439 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	62	
ACUSHNET	279	256	92	253 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
ADAMS	238	189	79	172 (91.0)	15 (7.9)	NS (NS)	NS (NS)	10 (5.3)	NS (NS)	NS (NS)	92	
AGAWAM	884	640	72	628 (98.1)	11 (1.7)	NS (NS)	0 (0.0)	11 (1.7)	NS (NS)	NS (NS)	67	
ALFORD	7	3	43	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
AMESBURY	585	376	64	369 (98.1)	NS (NS)	NS (NS)	0 (0.0)	6 (1.6)	NS (NS)	NS (NS)	69	
AMHERST	506	338	67	332 (98.2)	6 (1.8)	0 (0.0)	0 (0.0)	6 (1.8)	0 (0.0)	0 (0.0)	64	
ANDOVER	1112	708	64	698 (98.6)	9 (1.3)	NS (NS)	0 (0.0)	7 (1.0)	NS (NS)	NS (NS)	68	
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)	40	
ARLINGTON	1835	1547	84	1527 (98.7)	19 (1.2)	1 (0.1)	0 (0.0)	14 (0.9)	1 (0.1)	1 (0.1)	91	
ASHBURNHAM	205	123	60	120 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
ASHBY	104	44	42	43 (97.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	62	
ASHFIELD	37	28	76	25 (89.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	67	
ASHLAND	835	569	68	560 (98.4)	9 (1.6)	0 (0.0)	0 (0.0)	8 (1.4)	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

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
ATHOL	423	177	42	171 (96.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	77	
ATTLEBORO	1784	1330	75	1289 (96.9)	32 (2.4)	9 (0.7)	0 (0.0)	26 (2.0)	7 (0.5)	65		
AUBURN	504	390	77	388 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	68		
AVON	138	129	93	126 (97.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	86		
AYER	334	188	56	186 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	58		
BARNSTABLE	1353	988	73	971 (98.3)	16 (1.6)	NS (NS)	0 (0.0)	10 (1.0)	NS (NS)	57		
BARRE	172	107	62	100 (93.5)	NS (NS)	NS (NS)	0 (0.0)	6 (5.6)	NS (NS)	64		
BECKET	47	32	68	32 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	51		
BEDFORD	523	467	89	465 (99.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	63		
BELCHERTOWN	516	325	63	322 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	39		
BELLINGHAM	726	334	46	328 (98.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	64		
BELMONT	1085	661	61	653 (98.8)	7 (1.1)	NS (NS)	0 (0.0)	6 (0.9)	NS (NS)	92		
BERKLEY	191	161	84	158 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	34		
BERLIN	86	59	69	57 (96.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	55		
BERNARDSTON	48	41	85	40 (97.6)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	64		

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BEVERLY	1418	1046	74	1020 (97.5)	24 (2.3)	NS (NS)	0 (0.0)	17 (1.6)	NS (NS)	NS (NS)	80	
BILLERICA	1513	968	64	950 (98.1)	15 (1.5)	NS (NS)	NS (NS)	10 (1.0)	NS (NS)	NS (NS)	66	
BLACKSTONE	308	193	63	189 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
BLANDFORD	26	23	88	22 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	63	
BOLTON	165	116	70	116 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	33	
BOSTON	22491	17454	78	16976 (97.3)	409 (2.3)	63 (0.4)	6 (<0.1)	397 (2.3)	62 (0.4)	62 (0.4)	81	
BOURNE	505	381	75	372 (97.6)	7 (1.8)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
BOXBOROUGH	132	86	65	84 (97.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	48	
BOXFORD	192	155	81	153 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	51	
BOYLSTON	141	83	59	79 (95.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	59	
BRAINTREE	1439	1040	72	1030 (99.0)	10 (1.0)	0 (0.0)	0 (0.0)	6 (0.6)	0 (0.0)	0 (0.0)	74	
BREWSTER	194	122	63	118 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	38	
BRIDGEWATER	735	618	84	602 (97.4)	13 (2.1)	NS (NS)	0 (0.0)	9 (1.5)	NS (NS)	NS (NS)	50	
BRIMFIELD	100	71	71	69 (97.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
BROCKTON	4626	3677	79	3515 (95.6)	129 (3.5)	28 (0.8)	5 (0.1)	144 (3.9)	33 (0.9)	33 (0.9)	83	

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
BROOKFIELD	110	82	75	77	(93.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	59
BROOKLINE	2224	1504	68	1497	(99.5)	7	(0.5)	0	(0.0)	0	(0.0)	3	(0.2)	0	(0.0)	88
BUCKLAND	50	2	4	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	69
BURLINGTON	967	668	69	656	(98.2)	12	(1.8)	0	(0.0)	0	(0.0)	6	(0.9)	0	(0.0)	63
CAMBRIDGE	3040	2389	79	2363	(98.9)	22	(0.9)	4	(0.2)	0	(0.0)	24	(1.0)	4	(0.2)	78
CANTON	806	606	75	604	(99.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	60
CARLISLE	128	76	59	75	(98.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	52
CARVER	345	185	54	177	(95.7)	8	(4.3)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	40
CHARLEMONT	30	15	50	15	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71
CHARLTON	420	306	73	300	(98.0)	6	(2.0)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	39
CHATHAM	95	61	64	59	(96.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	60
CHELMSFORD	1189	884	74	873	(98.8)	11	(1.2)	0	(0.0)	0	(0.0)	7	(0.8)	0	(0.0)	65
CHELSEA	2087	1973	95	1908	(96.7)	57	(2.9)	7	(0.4)	1	(0.1)	56	(2.8)	8	(0.4)	79
CHESHIRE	80	86	>99	84	(97.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	63
CHESTER	34	26	76	26	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70

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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	24	14	58	14	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62
CHICOPEE	2114	1408	67	1380	(98.0)	25	(1.8)	3	(0.2)	0	(0.0)	25	(1.8)	3	(0.2)	84
CHILMARK	19	19	100	16	(84.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	51
CLARKSBURG	48	5	10	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	78
CLINTON	557	422	76	406	(96.2)	15	(3.6)	NS	(NS)	0	(0.0)	11	(2.6)	NS	(NS)	75
COHASSET	260	206	79	205	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	73
COLRAIN	36	26	72	25	(96.2)	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64
CONCORD	474	327	69	324	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	71
CONWAY	49	21	43	20	(95.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63
CUMMINGTON	14	15	>99	13	(86.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63
DALTON	175	141	81	137	(97.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	82
DANVERS	849	779	92	771	(99.0)	8	(1.0)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	71
DARTMOUTH	726	643	89	639	(99.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	60
DEDHAM	937	638	68	631	(98.9)	6	(0.9)	NS	(NS)	0	(0.0)	7	(1.1)	NS	(NS)	74
DEERFIELD	130	100	77	97	(97.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
DENNIS	303	175	58	173 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
DIGHTON	249	161	65	155 (96.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	57	
DOUGLAS	322	151	47	147 (97.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	50	
DOVER	148	122	82	120 (98.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	69	
DRACUT	1150	757	66	753 (99.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	52	
DUDLEY	337	244	72	241 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	64	
DUNSTABLE	71	50	70	49 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	43	
DUXBURY	417	301	72	299 (99.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	63	
EAST BRIDGEWATER	476	412	87	406 (98.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
EAST BROOKFIELD	66	55	83	54 (98.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
EAST LONGMEADOW	487	359	74	357 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
EASTHAM	69	34	49	31 (91.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
EASTHAMPTON	485	322	66	311 (96.6)	9 (2.8)	NS (NS)	0 (0.0)	11 (3.4)	NS (NS)	NS (NS)	70	
EASTON	672	566	84	559 (98.8)	7 (1.2)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
EDGARTOWN	138	60	43	60 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	40	

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
EGREMONT	21	4	19	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65
ERVING	58	29	50	29	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	66
ESSEX	112	70	62	66	(94.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74
EVERETT	2194	1692	77	1650	(97.5)	36	(2.1)	4	(0.2)	2	(0.1)	36	(2.1)	6	(0.4)	89
FAIRHAVEN	401	297	74	280	(94.3)	15	(5.1)	NS	(NS)	NS	(NS)	13	(4.4)	NS	(NS)	78
FALL RIVER	3544	2733	77	2644	(96.7)	78	(2.9)	10	(0.4)	1	(<0.1)	53	(1.9)	10	(0.4)	83
FALMOUTH	768	616	80	599	(97.2)	16	(2.6)	NS	(NS)	0	(0.0)	13	(2.1)	NS	(NS)	60
FITCHBURG	1752	1055	60	1010	(95.7)	41	(3.9)	NS	(NS)	NS	(NS)	32	(3.0)	NS	(NS)	75
FLORIDA	31	2	6	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62
FOXBOROUGH	626	443	71	434	(98.0)	8	(1.8)	NS	(NS)	0	(0.0)	7	(1.6)	NS	(NS)	59
FRAMINGHAM	3240	2178	67	2131	(97.8)	44	(2.0)	3	(0.1)	0	(0.0)	38	(1.7)	3	(0.1)	82
FRANKLIN	1260	665	53	662	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	41
FREETOWN	216	227	>99	222	(97.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63
GARDNER	780	455	58	435	(95.6)	17	(3.7)	NS	(NS)	0	(0.0)	19	(4.2)	NS	(NS)	77
GEORGETOWN	312	210	67	204	(97.1)	6	(2.9)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	52

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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 2015: January 01, 2015- December 31, 2015

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	(%)			
GILL	28	25	89	23	(92.0)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	56
GLOUCESTER	773	704	91	668	(94.9)	33	(4.7)	NS	(NS)	0	(0.0)	21	(3.0)	NS	(NS)	78
GOSHEN	34	11	32	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63
GOSNOLD	1	0	0	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	82
GRAFTON	783	506	65	497	(98.2)	9	(1.8)	0	(0.0)	0	(0.0)	8	(1.6)	0	(0.0)	52
GRANBY	153	118	77	117	(99.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	71
GRANVILLE	38	35	92	34	(97.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69
GREAT BARRINGTON	152	112	74	105	(93.8)	6	(5.4)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	76
GREENFIELD	626	365	58	351	(96.2)	11	(3.0)	NS	(NS)	0	(0.0)	13	(3.6)	NS	(NS)	81
GROTON	366	202	55	202	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	45
GROVELAND	191	137	72	132	(96.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	61
HADLEY	126	67	53	62	(92.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	67
HALIFAX	242	183	76	179	(97.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	67
HAMILTON	278	243	87	239	(98.4)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	77
HAMPDEN	118	82	69	80	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	72

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Calendar Year 2015: January 01, 2015- December 31, 2015

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 (%)	
HANCOCK	21	2	10	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	36
HANOVER	450	390	87	385 (98.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	60
HANSON	319	256	80	252 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	63
HARDWICK	123	38	31	36 (94.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	63
HARVARD	116	89	77	87 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	57
HARWICH	267	177	66	173 (97.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	60
HATFIELD	71	46	65	44 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	74
HAVERHILL	2875	1818	63	1761 (96.9)	51 (2.8)	6 (0.3)	0 (0.0)	49 (2.7)	6 (0.3)	6 (0.3)	6 (0.3)	65
HAWLEY	7	2	29	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	70
HEATH	12	3	25	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	44
HINGHAM	849	673	79	667 (99.1)	6 (0.9)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	63
HINSDALE	37	42	>99	41 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	69
HOLBROOK	399	324	81	322 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	76
HOLDEN	661	393	59	391 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	63
HOLLAND	71	39	55	39 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	70

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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	483	357	74	352	(98.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	75
HOLYOKE	1950	1465	75	1406	(96.0)	45	(3.1)	12	(0.8)	2	(0.1)	50	(3.4)	14	(1.0)	85
HOPEDALE	184	117	64	114	(97.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	61
HOPKINTON	591	420	71	415	(98.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	42
HUBBARDSTON	134	62	46	62	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	35
HUDSON	750	558	74	551	(98.7)	6	(1.1)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	63
HULL	247	179	72	176	(98.3)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	74
HUNTINGTON	65	49	75	46	(93.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	70
IPSWICH	346	222	64	217	(97.7)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	66
KINGSTON	427	295	69	290	(98.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	51
LAKEVILLE	328	265	81	262	(98.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	47
LANCASTER	193	166	86	162	(97.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	75
LANESBOROUGH	78	56	72	55	(98.2)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	73
LAWRENCE	4640	3191	69	3095	(97.0)	79	(2.5)	16	(0.5)	1	(<0.1)	90	(2.8)	17	(0.5)	81
LEE	153	114	75	107	(93.9)	6	(5.3)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	73

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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 (%)	
LEICESTER	325	224	69	222 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
LENOX	102	53	52	53 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	70	
LEOMINSTER	1466	1105	75	1087 (98.4)	15 (1.4)	NS (NS)	0 (0.0)	13 (1.2)	NS (NS)	NS (NS)	66	
LEVERETT	39	23	59	22 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	60	
LEXINGTON	960	595	62	594 (99.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
LEYDEN	13	4	31	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54	
LINCOLN	507	98	19	98 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	63	
LITTLETON	335	221	66	220 (99.5)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	59	
LONGMEADOW	482	299	62	296 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	84	
LOWELL	5526	3929	71	3814 (97.1)	93 (2.4)	20 (0.5)	2 (0.1)	96 (2.4)	22 (0.6)	78		
LUDLOW	551	385	70	377 (97.9)	8 (2.1)	0 (0.0)	0 (0.0)	7 (1.8)	0 (0.0)	68		
LUNENBURG	324	226	70	220 (97.3)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	64	
LYNN	4866	3854	79	3694 (95.8)	137 (3.6)	21 (0.5)	2 (0.1)	124 (3.2)	23 (0.6)	88		
LYNNFIELD	321	349	>99	348 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	75		
MALDEN	2708	1960	72	1897 (96.8)	49 (2.5)	14 (0.7)	0 (0.0)	52 (2.7)	12 (0.6)	80		

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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	128	98	77	97 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
MANSFIELD	812	586	72	577 (98.5)	6 (1.0)	NS (NS)	NS (NS)	7 (1.2)	NS (NS)	NS (NS)	49	
MARBLEHEAD	588	476	81	465 (97.7)	11 (2.3)	0 (0.0)	0 (0.0)	7 (1.5)	0 (0.0)	0 (0.0)	85	
MARION	119	102	86	102 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	57	
MARLBOROUGH	1874	1189	63	1163 (97.8)	22 (1.9)	NS (NS)	0 (0.0)	19 (1.6)	NS (NS)	NS (NS)	61	
MARSHFIELD	856	576	67	573 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
MASHPEE	398	288	72	283 (98.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	30	
MATTAPOISETT	123	96	78	95 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	72	
MAYNARD	488	299	61	294 (98.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	77	
MEDFIELD	372	317	85	316 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	64	
MEDFORD	2058	1452	71	1428 (98.3)	21 (1.4)	3 (0.2)	0 (0.0)	18 (1.2)	3 (0.2)	3 (0.2)	83	
MEDWAY	444	298	67	293 (98.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
MELROSE	1109	922	83	907 (98.4)	12 (1.3)	NS (NS)	0 (0.0)	9 (1.0)	NS (NS)	NS (NS)	86	
MENDON	177	94	53	92 (97.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	39	
MERRIMAC	137	149	>99	141 (94.6)	8 (5.4)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	58	

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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	1982	1236	62	1219 (98.6)	14 (1.1)	3 (0.2)	0 (0.0)	14 (1.1)	3 (0.2)		65	
MIDDLEBOROUGH	844	572	68	562 (98.3)	8 (1.4)	NS (NS)	0 (0.0)	7 (1.2)	NS (NS)		54	
MIDDLEFIELD	12	2	17	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	43	
MIDDLETON	234	203	87	201 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		47	
MILFORD	1202	826	69	784 (94.9)	35 (4.2)	7 (0.8)	0 (0.0)	33 (4.0)	6 (0.7)		67	
MILLBURY	447	308	69	301 (97.7)	NS (NS)	NS (NS)	0 (0.0)	7 (2.3)	NS (NS)		69	
MILLIS	282	175	62	174 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	62	
MILLVILLE	103	42	41	38 (90.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		55	
MILTON	980	839	86	825 (98.3)	10 (1.2)	NS (NS)	NS (NS)	13 (1.5)	NS (NS)		83	
MONROE	1	1	100	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	68	
MONSON	232	135	58	128 (94.8)	NS (NS)	NS (NS)	0 (0.0)	6 (4.4)	NS (NS)		59	
MONTAGUE	272	171	63	164 (95.9)	6 (3.5)	NS (NS)	0 (0.0)	6 (3.5)	NS (NS)		77	
MONTEREY	25	7	28	7 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54	
MONTGOMERY	27	7	26	7 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	51	
MOUNT WASHINGTON	2	0	0	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	63	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
NAHANT	61	60	98	57 (95.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	91	
NANTUCKET	444	167	38	162 (97.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	39	
NATICK	1469	1111	76	1096 (98.6)	14 (1.3)	NS (NS)	0 (0.0)	10 (0.9)	NS (NS)	NS (NS)	70	
NEEDHAM	1140	932	82	929 (99.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	74	
NEW ASHFORD	3	4	>99	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56	
NEW BEDFORD	4267	3640	85	3428 (94.2)	186 (5.1)	22 (0.6)	4 (0.1)	155 (4.3)	26 (0.7)	26 (0.7)	85	
NEW BRAintree	29	17	59	16 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	50	
NEW MARLBOROUGH	31	19	61	18 (94.7)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	64	
NEW SALEM	25	10	40	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56	
NEWBURY	195	110	56	110 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	57	
NEWBURYPORT	522	354	68	345 (97.5)	8 (2.3)	NS (NS)	0 (0.0)	8 (2.3)	NS (NS)	NS (NS)	74	
NEWTON	3043	2192	72	2170 (99.0)	20 (0.9)	2 (0.1)	0 (0.0)	17 (0.8)	2 (0.1)	2 (0.1)	83	
NORFOLK	333	242	73	238 (98.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	43	
NORTH ADAMS	465	423	91	384 (90.8)	34 (8.0)	NS (NS)	0 (0.0)	23 (5.4)	NS (NS)	NS (NS)	87	
NORTH ANDOVER	1073	698	65	693 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	

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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 (%)	
NORTH ATTLEBOROU	1131	665	59	650 (97.7)	13 (2.0)	NS (NS)	0 (0.0)	10 (1.5)	NS (NS)	NS (NS)	58	
NORTH BROOKFIELD	171	79	46	73 (92.4)	6 (7.6)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	73	
NORTH READING	521	360	69	355 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
NORTHAMPTON	678	496	73	484 (97.6)	9 (1.8)	NS (NS)	0 (0.0)	12 (2.4)	NS (NS)	NS (NS)	79	
NORTHBOROUGH	395	376	95	375 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	55	
NORTHBRIDGE	691	343	50	334 (97.4)	9 (2.6)	0 (0.0)	0 (0.0)	8 (2.3)	0 (0.0)	0 (0.0)	66	
NORTHFIELD	70	47	67	47 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	68	
NORTON	604	443	73	441 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	48	
NORWELL	357	312	87	309 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
NORWOOD	1177	870	74	850 (97.7)	16 (1.8)	NS (NS)	0 (0.0)	12 (1.4)	NS (NS)	NS (NS)	78	
OAK BLUFFS	161	49	30	46 (93.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	54	
OAKHAM	40	36	90	32 (88.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	47	
ORANGE	286	107	37	98 (91.6)	NS (NS)	NS (NS)	NS (NS)	8 (7.5)	NS (NS)	NS (NS)	68	
ORLEANS	87	52	60	49 (94.2)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	57	
OTIS	44	16	36	15 (93.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	

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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	477	337	71	336 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	68
PALMER	356	282	79	270 (95.7)	7 (2.5)	NS (NS)	NS (NS)	10 (3.5)	NS (NS)	NS (NS)	NS (NS)	72
PAXTON	146	62	42	62 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	71
PEABODY	1682	1332	79	1312 (98.5)	17 (1.3)	2 (0.2)	1 (0.1)	10 (0.8)	3 (0.2)	3 (0.2)	3 (0.2)	67
PELHAM	33	42	>99	42 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61
PEMBROKE	615	449	73	446 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	58
PEPPERELL	391	173	44	168 (97.1)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	49
PERU	18	8	44	7 (87.5)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	39
PETERSHAM	34	21	62	20 (95.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	67
PHILLIPSTON	43	10	23	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	47
PITTSFIELD	1624	1174	72	1126 (95.9)	40 (3.4)	6 (0.5)	NS (NS)	31 (2.6)	6 (0.5)	6 (0.5)	6 (0.5)	81
PLAINFIELD	20	10	50	9 (90.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	65
PLAINVILLE	319	223	70	220 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	59
PLYMOUTH	1978	688	35	682 (99.1)	NS (NS)	NS (NS)	0 (0.0)	6 (0.9)	NS (NS)	NS (NS)	NS (NS)	54
PLYMPTON	70	62	89	62 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
PRINCETON	79	57	72	55 (96.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
PROVINCETOWN	35	15	43	14 (93.3)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	70	
QUINCY	3370	2762	82	2706 (98.0)	44 (1.6)	11 (0.4)	1 (<0.1)	44 (1.6)	11 (0.4)	11 (0.4)	74	
RANDOLPH	1282	865	67	851 (98.4)	13 (1.5)	NS (NS)	0 (0.0)	13 (1.5)	NS (NS)	NS (NS)	72	
RAYNHAM	488	404	83	401 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	47	
READING	1046	677	65	669 (98.8)	8 (1.2)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
REHOBOTH	344	212	62	207 (97.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	55	
REVERE	2408	1962	81	1922 (98.0)	38 (1.9)	2 (0.1)	0 (0.0)	29 (1.5)	2 (0.1)	2 (0.1)	73	
RICHMOND	16	16	100	16 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	71	
ROCHESTER	134	115	86	113 (98.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	40	
ROCKLAND	709	512	72	501 (97.9)	10 (2.0)	NS (NS)	0 (0.0)	7 (1.4)	NS (NS)	NS (NS)	69	
ROCKPORT	139	116	83	112 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	78	
ROWE	13	7	54	7 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	73	
ROWLEY	199	126	63	126 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	50	
ROYALSTON	35	16	46	16 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	66	

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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 (%)	
RUSSELL	66	32	48	31 (96.9)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	72	
RUTLAND	313	191	61	186 (97.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	43	
SALEM	1626	1170	72	1123 (96.0)	42 (3.6)	NS (NS)	NS (NS)	27 (2.3)	NS (NS)	NS (NS)	78	
SALISBURY	240	177	74	173 (97.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	59	
SANDISFIELD	25	12	48	11 (91.7)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
SANDWICH	533	406	76	400 (98.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	46	
SAUGUS	809	630	78	622 (98.7)	7 (1.1)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	73	
SAVOY	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	
SCITUATE	549	487	89	479 (98.4)	NS (NS)	NS (NS)	0 (0.0)	7 (1.4)	NS (NS)	NS (NS)	73	
SEEKONK	333	238	71	236 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	65	
SHARON	588	406	69	402 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	60	
SHEFFIELD	64	52	81	49 (94.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	68	
SHELBURNE	45	58	>99	52 (89.7)	6 (10.3)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	83	
SHERBORN	98	96	98	93 (96.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	73	
SHIRLEY	233	128	55	126 (98.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	47	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
SHREWSBURY	1335	992	74	980 (98.8)	9 (0.9)	NS (NS)	0 (0.0)	10 (1.0)	NS (NS)	NS (NS)	56	
SHUTESBURY	42	18	43	17 (94.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	49	
SOMERSET	503	340	68	337 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
SOMERVILLE	2313	1940	84	1921 (99.0)	15 (0.8)	4 (0.2)	0 (0.0)	15 (0.8)	4 (0.2)	4 (0.2)	88	
SOUTH HADLEY	431	350	81	343 (98.0)	6 (1.7)	NS (NS)	0 (0.0)	6 (1.7)	NS (NS)	NS (NS)	72	
SOUTHAMPTON	163	117	72	115 (98.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	48	
SOUTHBOROUGH	303	244	81	243 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	50	
SOUTHBRIDGE	625	478	76	456 (95.4)	17 (3.6)	NS (NS)	NS (NS)	20 (4.2)	NS (NS)	NS (NS)	80	
SOUTHWICK	269	167	62	163 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	53	
SPENCER	370	267	72	261 (97.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	71	
SPRINGFIELD	6874	5187	75	4922 (94.9)	218 (4.2)	39 (0.8)	8 (0.2)	216 (4.2)	45 (0.9)	45 (0.9)	85	
STERLING	235	140	60	136 (97.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
STOCKBRIDGE	25	16	64	16 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	77	
STONEHAM	691	606	88	591 (97.5)	15 (2.5)	0 (0.0)	0 (0.0)	8 (1.3)	0 (0.0)	0 (0.0)	73	
STOUGHTON	954	782	82	768 (98.2)	11 (1.4)	NS (NS)	0 (0.0)	10 (1.3)	NS (NS)	NS (NS)	71	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
STOW	260	137	53	136 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	55	
STURBRIDGE	411	203	49	199 (98.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	41	
SUDBURY	611	416	68	416 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61	
SUNDERLAND	92	56	61	55 (98.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
SUTTON	243	177	73	176 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	47	
SWAMPSCOTT	459	410	89	403 (98.3)	7 (1.7)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	86	
SWANSEA	414	305	74	299 (98.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	68	
TAUNTON	2222	1721	77	1671 (97.1)	43 (2.5)	6 (0.3)	1 (0.1)	33 (1.9)	5 (0.3)	5 (0.3)	65	
TEMPLETON	316	153	48	147 (96.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	58	
TEWKSBURY	994	656	66	648 (98.8)	8 (1.2)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
TISBURY	140	80	57	79 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
TOLLAND	15	1	7	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48	
TOPSFIELD	145	152	>99	151 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
TOWNSEND	291	166	57	160 (96.4)	NS (NS)	NS (NS)	0 (0.0)	6 (3.6)	NS (NS)	NS (NS)	59	
TRURO	28	17	61	14 (82.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	53	

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)			
TYNGSBOROUGH	373	270	72	267	(98.9)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	37
TYRINGHAM	3	3	100	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59
UPTON	269	151	56	151	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	53
UXBRIDGE	506	214	42	212	(99.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	50
WAKEFIELD	943	657	70	641	(97.6)	15	(2.3)	NS	(NS)	0	(0.0)	10	(1.5)	NS	(NS)	82
WALES	68	27	40	27	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	59
WALPOLE	868	674	78	668	(99.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	56
WALTHAM	2282	1583	69	1524	(96.3)	52	(3.3)	7	(0.4)	0	(0.0)	49	(3.1)	7	(0.4)	76
WARE	380	184	48	164	(89.1)	17	(9.2)	NS	(NS)	0	(0.0)	19	(10.3)	NS	(NS)	65
WAREHAM	755	494	65	485	(98.2)	7	(1.4)	NS	(NS)	0	(0.0)	6	(1.2)	NS	(NS)	71
WARREN	186	72	39	62	(86.1)	8	(11.1)	NS	(NS)	NS	(NS)	9	(12.5)	NS	(NS)	63
WARWICK	18	8	44	8	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	64
WASHINGTON	10	7	70	7	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	52
WATERTOWN	1200	874	73	853	(97.6)	19	(2.2)	NS	(NS)	NS	(NS)	17	(1.9)	NS	(NS)	83
WAYLAND	410	389	95	387	(99.5)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	77

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WEBSTER	655	479	73	471 (98.3)	8 (1.7)	0 (0.0)	0 (0.0)	7 (1.5)	0 (0.0)	0 (0.0)	75	
WELLESLEY	1080	671	62	668 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	81	
WELLFLEET	46	31	67	30 (96.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
WENDELL	22	10	45	9 (90.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	58	
WENHAM	92	91	99	91 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	74	
WEST BOYLSTON	174	122	70	121 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	68	
WEST BRIDGEWATER	195	199	>99	198 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	73	
WEST BROOKFIELD	95	69	73	66 (95.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
WEST NEWBURY	109	79	72	78 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
WEST SPRINGFIELD	1146	872	76	842 (96.6)	28 (3.2)	NS (NS)	0 (0.0)	23 (2.6)	NS (NS)	NS (NS)	80	
WEST STOCKBRIDGE	17	20	>99	20 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61	
WEST TISBURY	66	27	41	25 (92.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	29	
WESTBOROUGH	688	619	90	600 (96.9)	15 (2.4)	NS (NS)	NS (NS)	18 (2.9)	NS (NS)	NS (NS)	56	
WESTFIELD	1462	899	61	873 (97.1)	21 (2.3)	NS (NS)	0 (0.0)	15 (1.7)	NS (NS)	NS (NS)	73	
WESTFORD	679	438	65	432 (98.6)	6 (1.4)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	43	

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

Calendar Year 2015: January 01, 2015- December 31, 2015

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	46	18	39	18 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54
WESTMINSTER	194	152	78	148 (97.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	59
WESTON	316	190	60	190 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	68
WESTPORT	387	301	78	298 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	62
WESTWOOD	475	376	79	374 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	70
WEYMOUTH	2136	1547	72	1533 (99.1)	10 (0.6)	3 (0.2)	1 (0.1)	12 (0.8)	4 (0.3)	4 (0.3)	4 (0.3)	76
WHATELY	42	9	21	9 (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	611	460	75	448 (97.4)	9 (2.0)	NS (NS)	0 (0.0)	10 (2.2)	NS (NS)	NS (NS)	NS (NS)	79
WILBRAHAM	394	282	72	277 (98.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	72
WILLIAMSBURG	65	65	100	61 (93.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	69
WILLIAMSTOWN	128	114	89	107 (93.9)	7 (6.1)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	82
WILMINGTON	914	553	61	543 (98.2)	10 (1.8)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	58
WINCHENDON	338	212	63	200 (94.3)	10 (4.7)	NS (NS)	NS (NS)	10 (4.7)	NS (NS)	NS (NS)	NS (NS)	58
WINCHESTER	850	612	72	610 (99.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	80
WINDSOR	11	13	>99	12 (92.3)	NS (NS)	0 (0.0)	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 2015: January 01, 2015- December 31, 2015

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	617	474	77	451 (95.1)	20 (4.2)	NS (NS)	0 (0.0)	18 (3.8)	NS (NS)	NS (NS)	89	
WOBURN	1598	1156	72	1108 (95.8)	40 (3.5)	7 (0.6)	NS (NS)	23 (2.0)	7 (0.6)	7 (0.6)	72	
WORCESTER	7336	5778	79	5567 (96.3)	183 (3.2)	24 (0.4)	4 (0.1)	184 (3.2)	28 (0.5)	28 (0.5)	79	
WORTHINGTON	16	19	>99	16 (84.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
WRENTHAM	356	243	68	242 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	46	
YARMOUTH	626	379	61	370 (97.6)	9 (2.4)	0 (0.0)	0 (0.0)	6 (1.6)	0 (0.0)	0 (0.0)	64	
Total for MA	241,442	175,169	73	170,791 (97.5)	3,749 (2.1)	565 (0.3)	64 (<0.1)	3,381 (1.9)	595 (0.3)	595 (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 2015 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 2010-2014 American Community Survey.