



Screening and Prevalence Statistics **2011 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 and prevalence by confirmed and unconfirmed 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](#).

CONFIRMED AND UNCONFIRMED ≥ 5 : The CDC uses a new reference level of 5 $\mu\text{g}/\text{dL}$ 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). However, there is no safe blood lead level. This data is an aggregate of the 5-9, 10-24, and ≥ 25 $\mu\text{g}/\text{dL}$ blood lead level categories and shows the number (N) and percentage (%) of children nine to 47 months of age with a blood lead level ≥ 5 $\mu\text{g}/\text{dL}$. Please see the Blood Lead Levels description for details on how blood lead specimens are confirmed.

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 2011: January 01, 2011- December 31, 2011

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	620	503	81	484 (96.2)	17 (3.4)	NS (NS)	NS (NS)	19 (3.8)	NS (NS)	NS (NS)	68	
ACTON	734	406	55	401 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	62	
ACUSHNET	290	239	82	231 (96.7)	8 (3.3)	0 (0.0)	0 (0.0)	8 (3.3)	0 (0.0)	NS (NS)	61	
ADAMS	249	209	84	184 (88.0)	25 (12.0)	0 (0.0)	0 (0.0)	25 (12.0)	0 (0.0)	NS (NS)	92	
AGAWAM	875	630	72	611 (97.0)	18 (2.9)	NS (NS)	0 (0.0)	19 (3.0)	NS (NS)	NS (NS)	67	
ALFORD	7	1	14	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	52	
AMESBURY	617	477	77	447 (93.7)	28 (5.9)	NS (NS)	0 (0.0)	30 (6.3)	NS (NS)	NS (NS)	69	
AMHERST	542	354	65	347 (98.0)	6 (1.7)	NS (NS)	0 (0.0)	7 (2.0)	NS (NS)	NS (NS)	64	
ANDOVER	1073	679	63	670 (98.7)	8 (1.2)	NS (NS)	0 (0.0)	9 (1.3)	NS (NS)	NS (NS)	68	
AQUINNAH	14	1	7	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	40	
ARLINGTON	1835	1397	76	1367 (97.9)	28 (2.0)	2 (0.1)	0 (0.0)	30 (2.1)	2 (0.1)	NS (NS)	91	
ASHBURNHAM	208	139	67	130 (93.5)	8 (5.8)	NS (NS)	0 (0.0)	9 (6.5)	NS (NS)	NS (NS)	59	
ASHBY	102	48	47	42 (87.5)	NS (NS)	NS (NS)	0 (0.0)	6 (12.5)	NS (NS)	NS (NS)	62	
ASHFIELD	41	17	41	14 (82.4)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	67	
ASHLAND	786	590	75	587 (99.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	45	

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

Calendar Year 2011: January 01, 2011- December 31, 2011

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	431	219	51	196 (89.5)	19 (8.7)	NS (NS)	0 (0.0)	23 (10.5)	NS (NS)	NS (NS)	77	
ATTLEBORO	1773	1401	79	1324 (94.5)	69 (4.9)	8 (0.6)	0 (0.0)	77 (5.5)	7 (0.5)	NS (NS)	65	
AUBURN	509	379	74	368 (97.1)	11 (2.9)	0 (0.0)	0 (0.0)	11 (2.9)	0 (0.0)	NS (NS)	68	
AVON	146	115	79	109 (94.8)	NS (NS)	NS (NS)	0 (0.0)	6 (5.2)	NS (NS)	NS (NS)	86	
AYER	336	187	56	182 (97.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	58	
BARNSTABLE	1400	982	70	942 (95.9)	36 (3.7)	NS (NS)	NS (NS)	40 (4.1)	NS (NS)	NS (NS)	57	
BARRE	180	97	54	89 (91.8)	8 (8.2)	0 (0.0)	0 (0.0)	8 (8.2)	0 (0.0)	NS (NS)	64	
BECKET	51	36	71	33 (91.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	51	
BEDFORD	485	420	87	413 (98.3)	7 (1.7)	0 (0.0)	0 (0.0)	7 (1.7)	0 (0.0)	NS (NS)	63	
BELCHERTOWN	531	322	61	316 (98.1)	NS (NS)	NS (NS)	0 (0.0)	6 (1.9)	NS (NS)	NS (NS)	39	
BELLINGHAM	708	383	54	379 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	64	
BELMONT	1040	604	58	594 (98.3)	9 (1.5)	NS (NS)	0 (0.0)	10 (1.7)	NS (NS)	NS (NS)	92	
BERKLEY	195	174	89	169 (97.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	34	
BERLIN	84	57	68	55 (96.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	55	
BERNARDSTON	51	26	51	25 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	64	

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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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	1383	1132	82	1082 (95.6)	46 (4.1)	NS (NS)	0 (0.0)	50 (4.4)	NS (NS)	NS (NS)	80	
BILLERICA	1481	965	65	946 (98.0)	18 (1.9)	NS (NS)	0 (0.0)	19 (2.0)	NS (NS)	NS (NS)	66	
BLACKSTONE	317	169	53	165 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
BLANDFORD	28	22	79	20 (90.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
BOLTON	177	105	59	104 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	33	
BOSTON	21770	18156	83	17339 (95.5)	722 (4.0)	87 (0.5)	8 (<0.1)	817 (4.5)	78 (0.4)	NS (NS)	81	
BOURNE	567	390	69	381 (97.7)	9 (2.3)	0 (0.0)	0 (0.0)	9 (2.3)	0 (0.0)	0 (0.0)	61	
BOXBOROUGH	134	74	55	73 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	48	
BOXFORD	193	129	67	127 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	51	
BOYLSTON	139	81	58	79 (97.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
BRAINTREE	1368	1019	74	994 (97.5)	25 (2.5)	0 (0.0)	0 (0.0)	25 (2.5)	0 (0.0)	0 (0.0)	74	
BREWSTER	213	128	60	120 (93.8)	7 (5.5)	NS (NS)	0 (0.0)	8 (6.2)	NS (NS)	NS (NS)	38	
BRIDGEWATER	727	577	79	559 (96.9)	17 (2.9)	NS (NS)	0 (0.0)	18 (3.1)	0 (0.0)	0 (0.0)	50	
BRIMFIELD	105	72	69	70 (97.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
BROCKTON	4432	3809	86	3468 (91.0)	296 (7.8)	44 (1.2)	1 (<0.1)	341 (9.0)	41 (1.1)	NS (NS)	83	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BROOKFIELD	113	80	71	79 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
BROOKLINE	2112	1592	75	1553 (97.6)	34 (2.1)	5 (0.3)	0 (0.0)	39 (2.4)	5 (0.3)	5 (0.3)	88	
BUCKLAND	55	4	7	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
BURLINGTON	918	647	70	639 (98.8)	8 (1.2)	0 (0.0)	0 (0.0)	8 (1.2)	0 (0.0)	0 (0.0)	63	
CAMBRIDGE	2934	2201	75	2130 (96.8)	65 (3.0)	6 (0.3)	0 (0.0)	71 (3.2)	6 (0.3)	6 (0.3)	78	
CANTON	791	549	69	540 (98.4)	7 (1.3)	NS (NS)	0 (0.0)	9 (1.6)	NS (NS)	NS (NS)	60	
CARLISLE	130	73	56	73 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
CARVER	363	250	69	243 (97.2)	7 (2.8)	0 (0.0)	0 (0.0)	7 (2.8)	0 (0.0)	0 (0.0)	40	
CHARLEMONT	34	25	74	24 (96.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	71	
CHARLTON	431	300	70	296 (98.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	39	
CHATHAM	112	66	59	61 (92.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	60	
CHELMSFORD	1165	749	64	731 (97.6)	14 (1.9)	NS (NS)	0 (0.0)	18 (2.4)	NS (NS)	NS (NS)	65	
CHELSEA	2079	2077	100	1961 (94.4)	105 (5.1)	10 (0.5)	1 (<0.1)	116 (5.6)	9 (0.4)	9 (0.4)	79	
CHESHIRE	92	72	78	69 (95.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	63	
CHESTER	37	18	49	15 (83.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	70	

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
CHESTERFIELD	27	7	26	7	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62
CHICOPEE	2068	1468	71	1408	(95.9)	53	(3.6)	5	(0.3)	2	(0.1)	60	(4.1)	6	(0.4)	84
CHILMARK	25	11	44	10	(90.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	51
CLARKSBURG	53	37	70	34	(91.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	78
CLINTON	575	431	75	408	(94.7)	22	(5.1)	NS	(NS)	0	(0.0)	23	(5.3)	NS	(NS)	75
COHASSET	286	207	72	203	(98.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	73
COLRAIN	40	33	82	31	(93.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	64
CONCORD	486	301	62	295	(98.0)	6	(2.0)	0	(0.0)	0	(0.0)	6	(2.0)	0	(0.0)	71
CONWAY	55	23	42	22	(95.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63
CUMMINGTON	17	10	59	10	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	63
DALTON	178	123	69	112	(91.1)	10	(8.1)	NS	(NS)	0	(0.0)	11	(8.9)	NS	(NS)	82
DANVERS	833	680	82	664	(97.6)	16	(2.4)	0	(0.0)	0	(0.0)	16	(2.4)	0	(0.0)	71
DARTMOUTH	721	576	80	555	(96.4)	19	(3.3)	NS	(NS)	0	(0.0)	21	(3.6)	NS	(NS)	60
DEDHAM	896	622	69	601	(96.6)	21	(3.4)	0	(0.0)	0	(0.0)	21	(3.4)	0	(0.0)	74
DEERFIELD	137	101	74	97	(96.0)	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	339	261	77	243 (93.1)	17 (6.5)	NS (NS)	0 (0.0)	18 (6.9)	NS (NS)	NS (NS)	72	
DIGHTON	246	161	65	156 (96.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
DOUGLAS	329	151	46	148 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	50	
DOVER	159	122	77	120 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
DRACUT	1110	789	71	779 (98.7)	9 (1.1)	0 (0.0)	NS (NS)	10 (1.3)	NS (NS)	NS (NS)	52	
DUDLEY	339	239	71	234 (97.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	64	
DUNSTABLE	76	36	47	35 (97.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	43	
DUXBURY	452	338	75	331 (97.9)	6 (1.8)	NS (NS)	0 (0.0)	7 (2.1)	0 (0.0)	0 (0.0)	63	
EAST BRIDGEWATER	486	367	76	348 (94.8)	19 (5.2)	0 (0.0)	0 (0.0)	19 (5.2)	0 (0.0)	0 (0.0)	61	
EAST BROOKFIELD	70	53	76	51 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
EAST LONGMEADOW	462	348	75	340 (97.7)	8 (2.3)	0 (0.0)	0 (0.0)	8 (2.3)	0 (0.0)	0 (0.0)	67	
EASTHAM	88	47	53	47 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
EASTHAMPTON	501	356	71	338 (94.9)	17 (4.8)	NS (NS)	0 (0.0)	18 (5.1)	NS (NS)	NS (NS)	70	
EASTON	680	590	87	568 (96.3)	21 (3.6)	NS (NS)	0 (0.0)	22 (3.7)	NS (NS)	NS (NS)	52	
EDGARTOWN	150	53	35	51 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	40	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
EGREMONT	23	6	26	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	65
ERVING	55	17	31	16	(94.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66
ESSEX	116	82	71	78	(95.1)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	74
EVERETT	1962	1578	80	1506	(95.4)	67	(4.2)	5	(0.3)	0	(0.0)	72	(4.6)	5	(0.3)	89
FAIRHAVEN	418	355	85	330	(93.0)	23	(6.5)	NS	(NS)	0	(0.0)	25	(7.0)	NS	(NS)	78
FALL RIVER	3665	2767	75	2569	(92.8)	179	(6.5)	18	(0.7)	1	(<0.1)	198	(7.2)	14	(0.5)	83
FALMOUTH	839	678	81	658	(97.1)	18	(2.7)	NS	(NS)	0	(0.0)	20	(2.9)	0	(0.0)	60
FITCHBURG	1777	1234	69	1132	(91.7)	93	(7.5)	9	(0.7)	0	(0.0)	102	(8.3)	8	(0.6)	75
FLORIDA	32	21	66	19	(90.5)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	62
FOXBOROUGH	600	413	69	399	(96.6)	12	(2.9)	NS	(NS)	NS	(NS)	14	(3.4)	NS	(NS)	59
FRAMINGHAM	3086	2116	69	2075	(98.1)	38	(1.8)	3	(0.1)	0	(0.0)	41	(1.9)	3	(0.1)	82
FRANKLIN	1238	672	54	664	(98.8)	7	(1.0)	NS	(NS)	0	(0.0)	8	(1.2)	NS	(NS)	41
FREETOWN	228	227	100	218	(96.0)	8	(3.5)	NS	(NS)	0	(0.0)	9	(4.0)	0	(0.0)	63
GARDNER	812	529	65	478	(90.4)	51	(9.6)	0	(0.0)	0	(0.0)	51	(9.6)	0	(0.0)	77
GEORGETOWN	306	206	67	201	(97.6)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	52

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	11	41	8 (72.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
GLOUCESTER	817	737	90	672 (91.2)	64 (8.7)	NS (NS)	0 (0.0)	65 (8.8)	NS (NS)	NS (NS)	78	
GOSHEN	36	23	64	19 (82.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	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)	0 (0.0)	82	
GRAFTON	791	526	66	507 (96.4)	18 (3.4)	NS (NS)	0 (0.0)	19 (3.6)	NS (NS)	NS (NS)	52	
GRANBY	162	109	67	107 (98.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	71	
GRANVILLE	40	30	75	29 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
GREAT BARRINGTON	165	122	74	113 (92.6)	8 (6.6)	NS (NS)	0 (0.0)	9 (7.4)	0 (0.0)	0 (0.0)	76	
GREENFIELD	643	370	58	343 (92.7)	24 (6.5)	NS (NS)	0 (0.0)	27 (7.3)	NS (NS)	NS (NS)	81	
GROTON	360	168	47	164 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	45	
GROVELAND	198	142	72	138 (97.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
HADLEY	126	81	64	77 (95.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
HALIFAX	253	201	79	196 (97.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
HAMILTON	299	234	78	233 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
HAMPDEN	124	102	82	100 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	

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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

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Confirmed and Unconfirmed ≥5 ³		Confirmed ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
HANCOCK	22	4	18	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	36
HANOVER	468	388	83	373	(96.1)	13	(3.4)	NS	(NS)	NS	(NS)	15	(3.9)	NS	(NS)	60
HANSON	332	290	87	284	(97.9)	6	(2.1)	0	(0.0)	0	(0.0)	6	(2.1)	0	(0.0)	63
HARDWICK	122	49	40	40	(81.6)	9	(18.4)	0	(0.0)	0	(0.0)	9	(18.4)	0	(0.0)	63
HARVARD	122	61	50	60	(98.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	57
HARWICH	297	185	62	178	(96.2)	6	(3.2)	NS	(NS)	0	(0.0)	7	(3.8)	NS	(NS)	60
HATFIELD	78	55	71	51	(92.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	74
HAVERHILL	2821	2026	72	1913	(94.4)	103	(5.1)	10	(0.5)	0	(0.0)	113	(5.6)	8	(0.4)	65
HAWLEY	7	5	71	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70
HEATH	14	9	64	8	(88.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	44
HINGHAM	880	697	79	685	(98.3)	12	(1.7)	0	(0.0)	0	(0.0)	12	(1.7)	0	(0.0)	63
HINSDALE	41	49	>99	46	(93.9)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69
HOLBROOK	398	295	74	291	(98.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	76
HOLDEN	648	349	54	339	(97.1)	9	(2.6)	0	(0.0)	NS	(NS)	10	(2.9)	NS	(NS)	63
HOLLAND	71	47	66	44	(93.6)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	70

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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 (%)	
HOLLISTON	492	332	67	319 (96.1)	12 (3.6)	NS (NS)	0 (0.0)	13 (3.9)	NS (NS)	NS (NS)	75	
HOLYOKE	2018	1685	83	1588 (94.2)	91 (5.4)	5 (0.3)	1 (0.1)	97 (5.8)	5 (0.3)	NS (NS)	85	
HOPEDALE	198	120	61	116 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	61	
HOPKINTON	582	370	64	363 (98.1)	6 (1.6)	NS (NS)	0 (0.0)	7 (1.9)	NS (NS)	NS (NS)	42	
HUBBARDSTON	134	76	57	73 (96.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	35	
HUDSON	737	577	78	567 (98.3)	8 (1.4)	NS (NS)	0 (0.0)	10 (1.7)	NS (NS)	NS (NS)	63	
HULL	269	208	77	202 (97.1)	6 (2.9)	0 (0.0)	0 (0.0)	6 (2.9)	0 (0.0)	NS (NS)	74	
HUNTINGTON	71	51	72	48 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	70	
IPSWICH	361	244	68	235 (96.3)	9 (3.7)	0 (0.0)	0 (0.0)	9 (3.7)	0 (0.0)	NS (NS)	66	
KINGSTON	440	326	74	318 (97.5)	7 (2.1)	NS (NS)	0 (0.0)	8 (2.5)	NS (NS)	NS (NS)	51	
LAKEVILLE	337	247	73	236 (95.5)	10 (4.0)	NS (NS)	0 (0.0)	11 (4.5)	NS (NS)	NS (NS)	47	
LANCASTER	206	159	77	156 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	75	
LANESBOROUGH	89	63	71	56 (88.9)	6 (9.5)	NS (NS)	0 (0.0)	7 (11.1)	0 (0.0)	NS (NS)	73	
LAWRENCE	4320	3431	79	3257 (94.9)	148 (4.3)	22 (0.6)	4 (0.1)	174 (5.1)	26 (0.8)	NS (NS)	81	
LEE	161	142	88	131 (92.3)	11 (7.7)	0 (0.0)	0 (0.0)	11 (7.7)	0 (0.0)	NS (NS)	73	

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	335	232	69	227 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
LENOX	115	70	61	67 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	70	
LEOMINSTER	1531	1103	72	1053 (95.5)	47 (4.3)	NS (NS)	0 (0.0)	50 (4.5)	NS (NS)	NS (NS)	66	
LEVERETT	41	24	59	23 (95.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	60	
LEXINGTON	926	503	54	500 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
LEYDEN	16	3	19	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	54	
LINCOLN	490	91	19	87 (95.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
LITTLETON	336	194	58	192 (99.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	59	
LONGMEADOW	470	314	67	304 (96.8)	9 (2.9)	NS (NS)	0 (0.0)	10 (3.2)	NS (NS)	NS (NS)	84	
LOWELL	5252	4046	77	3839 (94.9)	176 (4.3)	27 (0.7)	4 (0.1)	207 (5.1)	30 (0.7)	78		
LUDLOW	564	429	76	419 (97.7)	10 (2.3)	0 (0.0)	0 (0.0)	10 (2.3)	0 (0.0)	68		
LUNENBURG	326	206	63	199 (96.6)	7 (3.4)	0 (0.0)	0 (0.0)	7 (3.4)	0 (0.0)	64		
LYNN	4533	3814	84	3573 (93.7)	218 (5.7)	20 (0.5)	3 (0.1)	241 (6.3)	21 (0.6)	88		
LYNNFIELD	328	256	78	249 (97.3)	7 (2.7)	0 (0.0)	0 (0.0)	7 (2.7)	0 (0.0)	75		
MALDEN	2548	2038	80	1927 (94.6)	97 (4.8)	13 (0.6)	1 (<0.1)	111 (5.4)	14 (0.7)	80		

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	142	112	79	108 (96.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
MANSFIELD	833	603	72	592 (98.2)	11 (1.8)	0 (0.0)	0 (0.0)	11 (1.8)	0 (0.0)	0 (0.0)	49	
MARBLEHEAD	639	504	79	492 (97.6)	12 (2.4)	0 (0.0)	0 (0.0)	12 (2.4)	0 (0.0)	0 (0.0)	85	
MARION	133	87	65	84 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
MARLBOROUGH	1738	1222	70	1193 (97.6)	28 (2.3)	1 (0.1)	0 (0.0)	29 (2.4)	1 (0.1)	0 (0.1)	61	
MARSHFIELD	901	659	73	636 (96.5)	22 (3.3)	NS (NS)	0 (0.0)	23 (3.5)	NS (NS)	0 (0.0)	67	
MASHPEE	426	339	80	333 (98.2)	6 (1.8)	0 (0.0)	0 (0.0)	6 (1.8)	0 (0.0)	0 (0.0)	30	
MATTAPOISETT	141	98	70	95 (96.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
MAYNARD	498	312	63	307 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
MEDFIELD	377	261	69	253 (96.9)	8 (3.1)	0 (0.0)	0 (0.0)	8 (3.1)	0 (0.0)	0 (0.0)	64	
MEDFORD	1967	1475	75	1419 (96.2)	53 (3.6)	3 (0.2)	0 (0.0)	56 (3.8)	3 (0.2)	0 (0.2)	83	
MEDWAY	441	244	55	235 (96.3)	7 (2.9)	NS (NS)	NS (NS)	9 (3.7)	NS (NS)	0 (0.0)	61	
MELROSE	1078	807	75	789 (97.8)	15 (1.9)	NS (NS)	0 (0.0)	18 (2.2)	NS (NS)	0 (0.0)	86	
MENDON	189	102	54	102 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	39	
MERRIMAC	144	93	65	89 (95.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	58	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
METHUEN	1851	1148	62	1121 (97.6)	21 (1.8)	NS (NS)	NS (NS)	27 (2.4)	6 (0.5)		65	
MIDDLEBOROUGH	840	659	78	623 (94.5)	32 (4.9)	NS (NS)	0 (0.0)	36 (5.5)	NS (NS)		54	
MIDDLEFIELD	13	5	38	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	43	
MIDDLETON	231	166	72	163 (98.2)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	47	
MILFORD	1222	827	68	784 (94.8)	39 (4.7)	NS (NS)	0 (0.0)	43 (5.2)	NS (NS)		67	
MILLBURY	463	304	66	294 (96.7)	9 (3.0)	NS (NS)	0 (0.0)	10 (3.3)	NS (NS)		69	
MILLIS	293	170	58	167 (98.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		62	
MILLVILLE	105	60	57	57 (95.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		55	
MILTON	975	739	76	721 (97.6)	15 (2.0)	NS (NS)	0 (0.0)	18 (2.4)	NS (NS)		83	
MONROE	1	0	0	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	68	
MONSON	233	178	76	169 (94.9)	9 (5.1)	0 (0.0)	0 (0.0)	9 (5.1)	0 (0.0)		59	
MONTAGUE	283	181	64	167 (92.3)	14 (7.7)	0 (0.0)	0 (0.0)	14 (7.7)	0 (0.0)		77	
MONTEREY	29	15	52	14 (93.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		54	
MONTGOMERY	27	9	33	8 (88.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		51	
MOUNT WASHINGTON	3	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	70	63	90	60 (95.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	91	
NANTUCKET	449	169	38	157 (92.9)	11 (6.5)	NS (NS)	0 (0.0)	12 (7.1)	NS (NS)	NS (NS)	39	
NATICK	1458	1051	72	1040 (99.0)	11 (1.0)	0 (0.0)	0 (0.0)	11 (1.0)	0 (0.0)	0 (0.0)	70	
NEEDHAM	1187	923	78	904 (97.9)	18 (2.0)	NS (NS)	0 (0.0)	19 (2.1)	NS (NS)	NS (NS)	74	
NEW ASHFORD	5	3	60	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56	
NEW BEDFORD	4241	3823	90	3417 (89.4)	370 (9.7)	35 (0.9)	1 (<0.1)	406 (10.6)	29 (0.8)	NS (NS)	85	
NEW BRAintree	30	13	43	12 (92.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	50	
NEW MARLBOROUGH	35	16	46	13 (81.2)	NS (NS)	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	203	101	50	99 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
NEWBURYPORT	565	410	73	385 (93.9)	24 (5.9)	NS (NS)	0 (0.0)	25 (6.1)	NS (NS)	NS (NS)	74	
NEWTON	2994	2108	70	2055 (97.5)	48 (2.3)	5 (0.2)	0 (0.0)	53 (2.5)	4 (0.2)	NS (NS)	83	
NORFOLK	326	253	78	246 (97.2)	7 (2.8)	0 (0.0)	0 (0.0)	7 (2.8)	0 (0.0)	0 (0.0)	43	
NORTH ADAMS	485	405	84	352 (86.9)	47 (11.6)	6 (1.5)	0 (0.0)	53 (13.1)	NS (NS)	NS (NS)	87	
NORTH ANDOVER	1073	742	69	731 (98.5)	9 (1.2)	0 (0.0)	NS (NS)	11 (1.5)	NS (NS)	NS (NS)	59	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
NORTH ATTLEBOROUGH	1157	765	66	730 (95.4)	33 (4.3)	NS (NS)	0 (0.0)	35 (4.6)	NS (NS)	NS (NS)	58	
NORTH BROOKFIELD	175	80	46	75 (93.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	73	
NORTH READING	498	330	66	326 (98.8)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	56	
NORTHAMPTON	709	504	71	482 (95.6)	20 (4.0)	NS (NS)	0 (0.0)	22 (4.4)	NS (NS)	NS (NS)	79	
NORTHBOROUGH	429	340	79	340 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	55	
NORTHBRIDGE	672	323	48	309 (95.7)	11 (3.4)	NS (NS)	0 (0.0)	14 (4.3)	NS (NS)	NS (NS)	66	
NORTHFIELD	75	47	63	45 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	68	
NORTON	622	433	70	424 (97.9)	8 (1.8)	NS (NS)	0 (0.0)	9 (2.1)	NS (NS)	NS (NS)	48	
NORWELL	375	271	72	270 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	69	
NORWOOD	1154	871	75	843 (96.8)	25 (2.9)	NS (NS)	NS (NS)	28 (3.2)	NS (NS)	NS (NS)	78	
OAK BLUFFS	169	45	27	44 (97.8)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	54	
OAKHAM	40	26	65	26 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	47	
ORANGE	285	124	44	111 (89.5)	13 (10.5)	0 (0.0)	0 (0.0)	13 (10.5)	0 (0.0)	0 (0.0)	68	
ORLEANS	101	56	55	52 (92.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	57	
OTIS	45	46	>99	44 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	61	

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	507	370	73	360 (97.3)	10 (2.7)	0 (0.0)	0 (0.0)	10 (2.7)	0 (0.0)	0 (0.0)	68	
PALMER	361	296	82	269 (90.9)	22 (7.4)	NS (NS)	NS (NS)	27 (9.1)	NS (NS)	NS (NS)	72	
PAXTON	152	71	47	70 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	71	
PEABODY	1607	1324	82	1287 (97.2)	37 (2.8)	0 (0.0)	0 (0.0)	37 (2.8)	0 (0.0)	0 (0.0)	67	
PELHAM	36	32	89	31 (96.9)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	61	
PEMBROKE	642	480	75	468 (97.5)	9 (1.9)	NS (NS)	0 (0.0)	12 (2.5)	NS (NS)	NS (NS)	58	
PEPPERELL	394	158	40	155 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	49	
PERU	19	10	53	9 (90.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	39	
PETERSHAM	36	24	67	22 (91.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
PHILLIPSTON	46	22	48	20 (90.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	47	
PITTSFIELD	1656	1320	80	1215 (92.0)	98 (7.4)	7 (0.5)	0 (0.0)	105 (8.0)	7 (0.5)	7 (0.5)	81	
PLAINFIELD	22	15	68	14 (93.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	65	
PLAINVILLE	310	229	74	228 (99.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
PLYMOUTH	2027	1172	58	1135 (96.8)	34 (2.9)	NS (NS)	0 (0.0)	37 (3.2)	NS (NS)	NS (NS)	54	
PLYMPTON	74	49	66	47 (95.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	54	

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	88	61	69	59 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
PROVINCETOWN	39	20	51	20 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	70	
QUINCY	3259	2721	83	2623 (96.4)	92 (3.4)	6 (0.2)	0 (0.0)	98 (3.6)	6 (0.2)	74		
RANDOLPH	1240	961	78	937 (97.5)	23 (2.4)	NS (NS)	0 (0.0)	24 (2.5)	NS (NS)	72		
RAYNHAM	487	412	85	396 (96.1)	16 (3.9)	0 (0.0)	0 (0.0)	16 (3.9)	0 (0.0)	47		
READING	992	597	60	589 (98.7)	7 (1.2)	NS (NS)	0 (0.0)	8 (1.3)	NS (NS)	74		
REHOBOTH	344	222	65	216 (97.3)	6 (2.7)	0 (0.0)	0 (0.0)	6 (2.7)	0 (0.0)	55		
REVERE	2221	1974	89	1896 (96.0)	74 (3.7)	3 (0.2)	1 (0.1)	78 (4.0)	4 (0.2)	73		
RICHMOND	18	12	67	10 (83.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	71		
ROCHESTER	141	84	60	82 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	40		
ROCKLAND	719	585	81	563 (96.2)	19 (3.2)	NS (NS)	0 (0.0)	22 (3.8)	NS (NS)	69		
ROCKPORT	152	131	86	120 (91.6)	9 (6.9)	NS (NS)	0 (0.0)	11 (8.4)	NS (NS)	78		
ROWE	14	6	43	6 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	73		
ROWLEY	203	149	73	145 (97.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	50		
ROYALSTON	37	18	49	17 (94.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	66		

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Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	40	61	37 (92.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
RUTLAND	317	171	54	166 (97.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	43	
SALEM	1523	1273	84	1209 (95.0)	59 (4.6)	5 (0.4)	0 (0.0)	64 (5.0)	3 (0.2)	78		
SALISBURY	243	156	64	153 (98.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	59		
SANDISFIELD	28	11	39	10 (90.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	52		
SANDWICH	588	425	72	421 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	46		
SAUGUS	786	605	77	583 (96.4)	18 (3.0)	NS (NS)	0 (0.0)	22 (3.6)	NS (NS)	73		
SAVOY	18	17	94	15 (88.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	48		
SCITUATE	582	447	77	429 (96.0)	18 (4.0)	0 (0.0)	0 (0.0)	18 (4.0)	0 (0.0)	73		
SEEKONK	343	218	64	215 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	65		
SHARON	559	318	57	315 (99.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	60		
SHEFFIELD	72	49	68	48 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	68		
SHELBURNE	48	61	>99	51 (83.6)	10 (16.4)	0 (0.0)	0 (0.0)	10 (16.4)	0 (0.0)	83		
SHERBORN	108	77	71	74 (96.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	73		
SHIRLEY	221	131	59	128 (97.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	47		

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
SHREWSBURY	1308	851	65	824 (96.8)	25 (2.9)	NS (NS)	NS (NS)	27 (3.2)	NS (NS)	NS (NS)	56	
SHUTESBURY	46	20	43	20 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49	
SOMERSET	517	336	65	329 (97.9)	7 (2.1)	0 (0.0)	0 (0.0)	7 (2.1)	0 (0.0)	0 (0.0)	77	
SOMERVILLE	2292	1836	80	1720 (93.7)	107 (5.8)	9 (0.5)	0 (0.0)	116 (6.3)	9 (0.5)	9 (0.5)	88	
SOUTH HADLEY	437	319	73	315 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
SOUTHAMPTON	166	91	55	91 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48	
SOUTHBOROUGH	323	240	74	235 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	50	
SOUTHBRIDGE	652	470	72	423 (90.0)	45 (9.6)	NS (NS)	0 (0.0)	47 (10.0)	NS (NS)	NS (NS)	80	
SOUTHWICK	268	174	65	168 (96.6)	6 (3.4)	0 (0.0)	0 (0.0)	6 (3.4)	0 (0.0)	0 (0.0)	53	
SPENCER	391	255	65	238 (93.3)	16 (6.3)	NS (NS)	0 (0.0)	17 (6.7)	0 (0.0)	0 (0.0)	71	
SPRINGFIELD	7314	5867	80	5408 (92.2)	400 (6.8)	54 (0.9)	5 (0.1)	459 (7.8)	57 (1.0)	57 (1.0)	85	
STERLING	252	181	72	173 (95.6)	8 (4.4)	0 (0.0)	0 (0.0)	8 (4.4)	0 (0.0)	0 (0.0)	59	
STOCKBRIDGE	29	25	86	25 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	77	
STONEHAM	689	521	76	511 (98.1)	9 (1.7)	NS (NS)	0 (0.0)	10 (1.9)	NS (NS)	NS (NS)	73	
STOUGHTON	967	694	72	676 (97.4)	15 (2.2)	NS (NS)	0 (0.0)	18 (2.6)	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	263	152	58	148 (97.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	55	
STURBRIDGE	404	244	60	242 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	41	
SUDBURY	624	388	62	383 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
SUNDERLAND	88	47	53	45 (95.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
SUTTON	263	166	63	160 (96.4)	6 (3.6)	0 (0.0)	0 (0.0)	6 (3.6)	0 (0.0)	0 (0.0)	47	
SWAMPSCOTT	483	394	82	370 (93.9)	23 (5.8)	NS (NS)	0 (0.0)	24 (6.1)	NS (NS)	NS (NS)	86	
SWANSEA	439	298	68	290 (97.3)	8 (2.7)	0 (0.0)	0 (0.0)	8 (2.7)	0 (0.0)	0 (0.0)	68	
TAUNTON	2220	1717	77	1572 (91.6)	133 (7.7)	11 (0.6)	1 (0.1)	145 (8.4)	8 (0.5)	8 (0.5)	65	
TEMPLETON	305	177	58	168 (94.9)	8 (4.5)	NS (NS)	0 (0.0)	9 (5.1)	NS (NS)	NS (NS)	58	
TEWKSBURY	972	627	65	621 (99.0)	6 (1.0)	0 (0.0)	0 (0.0)	6 (1.0)	0 (0.0)	0 (0.0)	52	
TISBURY	135	54	40	49 (90.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
TOLLAND	16	4	25	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48	
TOPSFIELD	157	138	88	133 (96.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
TOWNSEND	297	161	54	155 (96.3)	NS (NS)	NS (NS)	0 (0.0)	6 (3.7)	NS (NS)	NS (NS)	59	
TRURO	36	19	53	18 (94.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	53	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)					
TYNGSBOROUGH	377	254	67	254 (100.0)	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 (0.0)	37		
TYRINGHAM	3	3	100	NS (NS)	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 (0.0)	59		
UPTON	252	162	64	155 (95.7)	7 (4.3)	0 (0.0)	0 (0.0)	0 (0.0)	7 (4.3)	0 (0.0)	0 (0.0)	0 (0.0)	53			
UXBRIDGE	515	232	45	227 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	50			
WAKEFIELD	923	677	73	666 (98.4)	11 (1.6)	0 (0.0)	0 (0.0)	0 (0.0)	11 (1.6)	0 (0.0)	0 (0.0)	0 (0.0)	82			
WALES	71	30	42	28 (93.3)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	59			
WALPOLE	835	621	74	606 (97.6)	15 (2.4)	0 (0.0)	0 (0.0)	0 (0.0)	15 (2.4)	0 (0.0)	0 (0.0)	0 (0.0)	56			
WALTHAM	2139	1540	72	1510 (98.1)	27 (1.8)	3 (0.2)	0 (0.0)	0 (0.0)	30 (1.9)	3 (0.2)	0 (0.0)	0 (0.0)	76			
WARE	399	263	66	239 (90.9)	24 (9.1)	0 (0.0)	0 (0.0)	0 (0.0)	24 (9.1)	0 (0.0)	0 (0.0)	0 (0.0)	65			
WAREHAM	756	393	52	371 (94.4)	19 (4.8)	NS (NS)	0 (0.0)	0 (0.0)	22 (5.6)	NS (NS)	0 (0.0)	0 (0.0)	71			
WARREN	187	98	52	89 (90.8)	9 (9.2)	0 (0.0)	0 (0.0)	0 (0.0)	9 (9.2)	0 (0.0)	0 (0.0)	0 (0.0)	63			
WARWICK	18	5	28	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	64			
WASHINGTON	12	9	75	9 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52			
WATERTOWN	1220	792	65	771 (97.3)	17 (2.1)	NS (NS)	0 (0.0)	0 (0.0)	21 (2.7)	NS (NS)	0 (0.0)	0 (0.0)	83			
WAYLAND	409	295	72	292 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	77			

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WEBSTER	666	477	72	445 (93.3)	30 (6.3)	NS (NS)	0 (0.0)	32 (6.7)	NS (NS)	NS (NS)	75	
WELLESLEY	1030	719	70	706 (98.2)	13 (1.8)	0 (0.0)	0 (0.0)	13 (1.8)	0 (0.0)	0 (0.0)	81	
WELLFLEET	55	32	58	28 (87.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
WENDELL	23	9	39	9 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	58	
WENHAM	93	79	85	78 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
WEST BOYLSTON	174	118	68	117 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	68	
WEST BRIDGEWATER	201	179	89	177 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	73	
WEST BROOKFIELD	98	88	90	85 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
WEST NEWBURY	125	83	66	82 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
WEST SPRINGFIELD	1111	835	75	789 (94.5)	40 (4.8)	6 (0.7)	0 (0.0)	46 (5.5)	6 (0.7)	6 (0.7)	80	
WEST STOCKBRIDGE	19	20	>99	19 (95.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
WEST TISBURY	80	27	34	24 (88.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	29	
WESTBOROUGH	700	584	83	568 (97.3)	14 (2.4)	NS (NS)	0 (0.0)	16 (2.7)	NS (NS)	NS (NS)	56	
WESTFIELD	1455	986	68	928 (94.1)	56 (5.7)	NS (NS)	0 (0.0)	58 (5.9)	NS (NS)	NS (NS)	73	
WESTFORD	684	365	53	360 (98.6)	NS (NS)	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 2011: January 01, 2011- December 31, 2011

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	48	26	54	25 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	54	
WESTMINSTER	202	124	61	115 (92.7)	9 (7.3)	0 (0.0)	0 (0.0)	9 (7.3)	0 (0.0)	0 (0.0)	59	
WESTON	322	205	64	201 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	68	
WESTPORT	399	298	75	289 (97.0)	8 (2.7)	NS (NS)	0 (0.0)	9 (3.0)	NS (NS)	NS (NS)	62	
WESTWOOD	488	313	64	306 (97.8)	6 (1.9)	NS (NS)	0 (0.0)	7 (2.2)	NS (NS)	NS (NS)	70	
WEYMOUTH	2105	1579	75	1527 (96.7)	51 (3.2)	1 (0.1)	0 (0.0)	52 (3.3)	1 (0.1)	0 (0.0)	76	
WHATELY	43	12	28	11 (91.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	64	
WHITMAN	632	445	70	421 (94.6)	23 (5.2)	NS (NS)	0 (0.0)	24 (5.4)	NS (NS)	NS (NS)	79	
WILBRAHAM	375	271	72	269 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
WILLIAMSBURG	71	72	>99	66 (91.7)	NS (NS)	NS (NS)	0 (0.0)	6 (8.3)	NS (NS)	NS (NS)	69	
WILLIAMSTOWN	141	144	>99	131 (91.0)	12 (8.3)	NS (NS)	0 (0.0)	13 (9.0)	0 (0.0)	0 (0.0)	82	
WILMINGTON	880	584	66	578 (99.0)	6 (1.0)	0 (0.0)	0 (0.0)	6 (1.0)	0 (0.0)	0 (0.0)	58	
WINCHENDON	344	209	61	190 (90.9)	15 (7.2)	NS (NS)	0 (0.0)	19 (9.1)	NS (NS)	NS (NS)	58	
WINCHESTER	879	674	77	656 (97.3)	15 (2.2)	NS (NS)	0 (0.0)	18 (2.7)	NS (NS)	NS (NS)	80	
WINDSOR	14	15	>99	15 (100.0)	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 2011: January 01, 2011- December 31, 2011

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)				Confirmed and Unconfirmed ≥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	608	463	76	436 (94.2)	25 (5.4)	NS (NS)	0 (0.0)	27 (5.8)	NS (NS)	NS (NS)	89	
WOBURN	1538	1222	79	1175 (96.2)	45 (3.7)	2 (0.2)	0 (0.0)	47 (3.8)	1 (0.1)	1 (0.1)	72	
WORCESTER	7643	5939	78	5646 (95.1)	260 (4.4)	30 (0.5)	3 (0.1)	293 (4.9)	29 (0.5)	29 (0.5)	79	
WORTHINGTON	19	11	58	11 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	67	
WRENTHAM	357	236	66	231 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	46	
YARMOUTH	664	453	68	426 (94.0)	25 (5.5)	NS (NS)	0 (0.0)	27 (6.0)	NS (NS)	NS (NS)	64	
Total for MA	239,911	177,774	74	169,969 (95.6)	7,087 (4.0)	666 (0.4)	52 (<0.1)	7,805 (4.4)	629 (0.4)	629 (0.4)	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 2011 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. Blood lead values between 5 and 9 µg/dL include both confirmed and unconfirmed values. Prior to December 1, 2018, MA CLPPP recommended but did not require confirmation of capillary blood lead specimens below 10 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.