



Screening and Prevalence Statistics **2010 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 $\mu\text{g/dL}$ 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 $\mu\text{g/dL}$ and to define a blood lead level of concern as one between 5 and 9 $\mu\text{g/dL}$. The CDC reference level for blood lead in children is 5 $\mu\text{g/dL}$. 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 $\mu\text{g/dL}$, 5-9 $\mu\text{g/dL}$, 10-24 $\mu\text{g/dL}$, and ≥ 25 $\mu\text{g/dL}$. 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 $\mu\text{g/dL}$ 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 $\mu\text{g/dL}$ 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 $\mu\text{g/dL}$. 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 $\mu\text{g/dL}$. This data shows the number (N) and percentage (%) of children 9 to 47 months of age with a confirmed blood lead specimen ≥ 10 $\mu\text{g/dL}$. While not presented in the table, the number of unconfirmed ≥ 10 $\mu\text{g/dL}$ can be calculated by summing the 10-24 and ≥ 25 $\mu\text{g/dL}$ blood lead level categories and then subtracting the number of confirmed ≥ 10 $\mu\text{g/dL}$.

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 2010: January 01, 2010- December 31, 2010

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	623	505	81	481 (95.2)	24 (4.8)	0 (0.0)	0 (0.0)	24 (4.8)	0 (0.0)	0 (0.0)	68	
ACTON	730	486	67	477 (98.1)	7 (1.4)	NS (NS)	0 (0.0)	9 (1.9)	NS (NS)	NS (NS)	62	
ACUSHNET	297	238	80	224 (94.1)	14 (5.9)	0 (0.0)	0 (0.0)	14 (5.9)	0 (0.0)	0 (0.0)	61	
ADAMS	250	217	87	184 (84.8)	28 (12.9)	NS (NS)	NS (NS)	33 (15.2)	NS (NS)	NS (NS)	92	
AGAWAM	872	672	77	649 (96.6)	21 (3.1)	NS (NS)	0 (0.0)	23 (3.4)	NS (NS)	NS (NS)	67	
ALFORD	8	0	0	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52	
AMESBURY	633	476	75	439 (92.2)	34 (7.1)	NS (NS)	0 (0.0)	37 (7.8)	NS (NS)	NS (NS)	69	
AMHERST	553	344	62	333 (96.8)	11 (3.2)	0 (0.0)	0 (0.0)	11 (3.2)	0 (0.0)	0 (0.0)	64	
ANDOVER	1068	729	68	714 (97.9)	14 (1.9)	NS (NS)	0 (0.0)	15 (2.1)	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)	0 (0.0)	40	
ARLINGTON	1822	1422	78	1387 (97.5)	31 (2.2)	4 (0.3)	0 (0.0)	35 (2.5)	4 (0.3)	4 (0.3)	91	
ASHBURNHAM	209	139	67	125 (89.9)	14 (10.1)	0 (0.0)	0 (0.0)	14 (10.1)	0 (0.0)	0 (0.0)	59	
ASHBY	100	69	69	68 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	62	
ASHFIELD	42	19	45	16 (84.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	67	
ASHLAND	770	566	74	550 (97.2)	16 (2.8)	0 (0.0)	0 (0.0)	16 (2.8)	0 (0.0)	0 (0.0)	45	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
ATHOL	432	245	57	225 (91.8)	19 (7.8)	NS (NS)	0 (0.0)	20 (8.2)	NS (NS)	NS (NS)	77	
ATTLEBORO	1800	1450	81	1349 (93.0)	91 (6.3)	10 (0.7)	0 (0.0)	101 (7.0)	9 (0.6)	NS (NS)	65	
AUBURN	509	376	74	368 (97.9)	8 (2.1)	0 (0.0)	0 (0.0)	8 (2.1)	0 (0.0)	NS (NS)	68	
AVON	148	132	89	123 (93.2)	8 (6.1)	0 (0.0)	NS (NS)	9 (6.8)	NS (NS)	NS (NS)	86	
AYER	334	224	67	221 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	58	
BARNSTABLE	1398	1061	76	1012 (95.4)	46 (4.3)	NS (NS)	0 (0.0)	49 (4.6)	NS (NS)	NS (NS)	57	
BARRE	182	110	60	101 (91.8)	7 (6.4)	NS (NS)	0 (0.0)	9 (8.2)	NS (NS)	NS (NS)	64	
BECKET	52	41	79	40 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	51	
BEDFORD	474	465	98	460 (98.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	63	
BELCHERTOWN	535	346	65	338 (97.7)	7 (2.0)	NS (NS)	0 (0.0)	8 (2.3)	NS (NS)	NS (NS)	39	
BELLINGHAM	706	414	59	408 (98.6)	6 (1.4)	0 (0.0)	0 (0.0)	6 (1.4)	0 (0.0)	NS (NS)	64	
BELMONT	1022	610	60	593 (97.2)	14 (2.3)	NS (NS)	0 (0.0)	17 (2.8)	NS (NS)	NS (NS)	92	
BERKLEY	200	184	92	180 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	34	
BERLIN	84	51	61	48 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	55	
BERNARDSTON	52	30	58	26 (86.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	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	1388	1167	84	1095 (93.8)	67 (5.7)	NS (NS)	0 (0.0)	72 (6.2)	NS (NS)	NS (NS)	80	
BILLERICA	1466	995	68	967 (97.2)	26 (2.6)	NS (NS)	0 (0.0)	28 (2.8)	NS (NS)	NS (NS)	66	
BLACKSTONE	318	160	50	156 (97.5)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
BLANDFORD	29	24	83	21 (87.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
BOLTON	179	117	65	116 (99.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	33	
BOSTON	21052	18578	88	17502 (94.2)	960 (5.2)	111 (0.6)	5 (<0.1)	1076 (5.8)	99 (0.5)	NS (NS)	81	
BOURNE	574	385	67	375 (97.4)	10 (2.6)	0 (0.0)	0 (0.0)	10 (2.6)	0 (0.0)	0 (0.0)	61	
BOXBOROUGH	133	97	73	97 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48	
BOXFORD	194	136	70	136 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	51	
BOYLSTON	139	91	65	88 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
BRAINTREE	1354	1071	79	1049 (97.9)	20 (1.9)	NS (NS)	0 (0.0)	22 (2.1)	NS (NS)	NS (NS)	74	
BREWSTER	214	126	59	119 (94.4)	6 (4.8)	NS (NS)	0 (0.0)	7 (5.6)	NS (NS)	NS (NS)	38	
BRIDGEWATER	734	560	76	540 (96.4)	18 (3.2)	NS (NS)	0 (0.0)	20 (3.6)	NS (NS)	NS (NS)	50	
BRIMFIELD	106	85	80	81 (95.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
BROCKTON	4463	3981	89	3537 (88.8)	403 (10.1)	38 (1.0)	3 (0.1)	444 (11.2)	39 (1.0)	NS (NS)	83	

Bureau of BEH Environmental Health	Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program
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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
BROOKFIELD	114	88	77	81 (92.0)	6 (6.8)	NS (NS)	0 (0.0)	7 (8.0)	NS (NS)	NS (NS)	59	
BROOKLINE	2088	1630	78	1577 (96.7)	50 (3.1)	3 (0.2)	0 (0.0)	53 (3.3)	3 (0.2)	NS (NS)	88	
BUCKLAND	56	4	7	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	69	
BURLINGTON	902	637	71	627 (98.4)	9 (1.4)	NS (NS)	0 (0.0)	10 (1.6)	NS (NS)	NS (NS)	63	
CAMBRIDGE	2872	2371	83	2274 (95.9)	90 (3.8)	7 (0.3)	0 (0.0)	97 (4.1)	6 (0.3)	NS (NS)	78	
CANTON	790	586	74	577 (98.5)	8 (1.4)	NS (NS)	0 (0.0)	9 (1.5)	NS (NS)	NS (NS)	60	
CARLISLE	130	66	51	64 (97.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	52	
CARVER	370	249	67	239 (96.0)	9 (3.6)	NS (NS)	0 (0.0)	10 (4.0)	0 (0.0)	NS (NS)	40	
CHARLEMONT	36	17	47	16 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	NS (NS)	71	
CHARLTON	433	315	73	305 (96.8)	10 (3.2)	0 (0.0)	0 (0.0)	10 (3.2)	0 (0.0)	NS (NS)	39	
CHATHAM	114	62	54	56 (90.3)	6 (9.7)	0 (0.0)	0 (0.0)	6 (9.7)	0 (0.0)	NS (NS)	60	
CHELMSFORD	1154	790	68	776 (98.2)	14 (1.8)	0 (0.0)	0 (0.0)	14 (1.8)	0 (0.0)	NS (NS)	65	
CHELSEA	2064	2153	>99	1980 (92.0)	154 (7.2)	17 (0.8)	2 (0.1)	173 (8.0)	18 (0.8)	NS (NS)	79	
CHESHIRE	97	83	86	77 (92.8)	NS (NS)	NS (NS)	0 (0.0)	6 (7.2)	NS (NS)	NS (NS)	63	
CHESTER	37	21	57	18 (85.7)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	70	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
CHESTERFIELD	27	9	33	8 (88.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	62	
CHICOPEE	2043	1595	78	1518 (95.2)	70 (4.4)	7 (0.4)	0 (0.0)	77 (4.8)	7 (0.4)	84		
CHILMARK	25	11	44	9 (81.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	51		
CLARKSBURG	55	37	67	34 (91.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	78		
CLINTON	580	459	79	432 (94.1)	24 (5.2)	NS (NS)	0 (0.0)	27 (5.9)	NS (NS)	75		
COHASSET	294	242	82	234 (96.7)	NS (NS)	NS (NS)	NS (NS)	8 (3.3)	NS (NS)	73		
COLRAIN	41	31	76	29 (93.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	64		
CONCORD	486	324	67	320 (98.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	71		
CONWAY	56	29	52	28 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	63		
CUMMINGTON	18	14	78	11 (78.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	63		
DALTON	181	122	67	118 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	82		
DANVERS	836	671	80	653 (97.3)	16 (2.4)	NS (NS)	NS (NS)	18 (2.7)	NS (NS)	71		
DARTMOUTH	732	607	83	573 (94.4)	30 (4.9)	NS (NS)	0 (0.0)	34 (5.6)	NS (NS)	60		
DEDHAM	894	631	71	606 (96.0)	24 (3.8)	NS (NS)	0 (0.0)	25 (4.0)	NS (NS)	74		
DEERFIELD	138	101	73	96 (95.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	69		

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
DENNIS	345	263	76	246 (93.5)	17 (6.5)	0 (0.0)	0 (0.0)	17 (6.5)	0 (0.0)	0 (0.0)	72	
DIGHTON	249	182	73	175 (96.2)	7 (3.8)	0 (0.0)	0 (0.0)	7 (3.8)	0 (0.0)	0 (0.0)	57	
DOUGLAS	330	160	48	151 (94.4)	8 (5.0)	NS (NS)	0 (0.0)	9 (5.6)	NS (NS)	NS (NS)	50	
DOVER	161	127	79	124 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	69	
DRACUT	1093	792	72	774 (97.7)	16 (2.0)	NS (NS)	0 (0.0)	18 (2.3)	NS (NS)	NS (NS)	52	
DUDLEY	337	269	80	258 (95.9)	11 (4.1)	0 (0.0)	0 (0.0)	11 (4.1)	0 (0.0)	0 (0.0)	64	
DUNSTABLE	77	36	47	36 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	43	
DUXBURY	467	376	81	365 (97.1)	10 (2.7)	NS (NS)	0 (0.0)	11 (2.9)	0 (0.0)	0 (0.0)	63	
EAST BRIDGEWATER	495	392	79	378 (96.4)	14 (3.6)	0 (0.0)	0 (0.0)	14 (3.6)	0 (0.0)	0 (0.0)	61	
EAST BROOKFIELD	71	66	93	65 (98.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	74	
EAST LONGMEADOW	455	367	81	360 (98.1)	7 (1.9)	0 (0.0)	0 (0.0)	7 (1.9)	0 (0.0)	0 (0.0)	67	
EASTHAM	91	41	45	39 (95.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
EASTHAMPTON	506	373	74	354 (94.9)	16 (4.3)	NS (NS)	0 (0.0)	19 (5.1)	NS (NS)	NS (NS)	70	
EASTON	694	586	84	560 (95.6)	23 (3.9)	NS (NS)	0 (0.0)	26 (4.4)	NS (NS)	NS (NS)	52	
EDGARTOWN	151	49	32	46 (93.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	40	

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				0-4		5-9		10-24		≥25		N	(%)	N	(%)	
EGREMONT	24	9	38	7	(77.8)	NS	(NS)	NS	(NS)	0	(0.0)	NS	(NS)	NS	(NS)	65
ERVING	55	23	42	21	(91.3)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	66
ESSEX	118	86	73	80	(93.0)	6	(7.0)	0	(0.0)	0	(0.0)	6	(7.0)	0	(0.0)	74
EVERETT	1882	1608	85	1494	(92.9)	112	(7.0)	2	(0.1)	0	(0.0)	114	(7.1)	1	(0.1)	89
FAIRHAVEN	431	344	80	321	(93.3)	23	(6.7)	0	(0.0)	0	(0.0)	23	(6.7)	0	(0.0)	78
FALL RIVER	3766	2919	78	2671	(91.5)	218	(7.5)	27	(0.9)	3	(0.1)	248	(8.5)	25	(0.9)	83
FALMOUTH	842	693	82	665	(96.0)	27	(3.9)	0	(0.0)	NS	(NS)	28	(4.0)	NS	(NS)	60
FITCHBURG	1795	1365	76	1221	(89.5)	127	(9.3)	15	(1.1)	2	(0.1)	144	(10.5)	14	(1.0)	75
FLORIDA	33	19	58	19	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	62
FOXBOROUGH	597	412	69	399	(96.8)	13	(3.2)	0	(0.0)	0	(0.0)	13	(3.2)	0	(0.0)	59
FRAMINGHAM	3016	2209	73	2153	(97.5)	53	(2.4)	3	(0.1)	0	(0.0)	56	(2.5)	3	(0.1)	82
FRANKLIN	1238	744	60	723	(97.2)	21	(2.8)	0	(0.0)	0	(0.0)	21	(2.8)	0	(0.0)	41
FREETOWN	235	210	89	198	(94.3)	10	(4.8)	NS	(NS)	0	(0.0)	12	(5.7)	0	(0.0)	63
GARDNER	818	548	67	498	(90.9)	46	(8.4)	NS	(NS)	0	(0.0)	50	(9.1)	NS	(NS)	77
GEORGETOWN	308	233	76	224	(96.1)	8	(3.4)	NS	(NS)	0	(0.0)	9	(3.9)	NS	(NS)	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

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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	15	56	13 (86.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
GLOUCESTER	838	723	86	638 (88.2)	73 (10.1)	12 (1.7)	0 (0.0)	85 (11.8)	8 (1.1)	78		
GOSHEN	36	14	39	11 (78.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	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	793	550	69	540 (98.2)	9 (1.6)	NS (NS)	0 (0.0)	10 (1.8)	NS (NS)	52		
GRANBY	165	103	62	102 (99.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	71		
GRANVILLE	40	39	98	36 (92.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	69		
GREAT BARRINGTON	169	154	91	138 (89.6)	13 (8.4)	NS (NS)	0 (0.0)	16 (10.4)	NS (NS)	76		
GREENFIELD	650	371	57	340 (91.6)	30 (8.1)	NS (NS)	0 (0.0)	31 (8.4)	NS (NS)	81		
GROTON	356	173	49	167 (96.5)	NS (NS)	NS (NS)	0 (0.0)	6 (3.5)	NS (NS)	45		
GROVELAND	202	155	77	144 (92.9)	11 (7.1)	0 (0.0)	0 (0.0)	11 (7.1)	0 (0.0)	61		
HADLEY	126	91	72	90 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	67		
HALIFAX	260	210	81	205 (97.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	67		
HAMILTON	306	246	80	242 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	77		
HAMPDEN	126	91	72	84 (92.3)	7 (7.7)	0 (0.0)	0 (0.0)	7 (7.7)	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

Calendar Year 2010: January 01, 2010- December 31, 2010

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	(%)	
				N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
HANCOCK	22	4	18	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	36
HANOVER	478	386	81	372	(96.4)	13	(3.4)	NS	(NS)	0	(0.0)	14	(3.6)	NS	(NS)	60
HANSON	338	287	85	279	(97.2)	7	(2.4)	NS	(NS)	0	(0.0)	8	(2.8)	NS	(NS)	63
HARDWICK	122	43	35	36	(83.7)	6	(14.0)	NS	(NS)	0	(0.0)	7	(16.3)	NS	(NS)	63
HARVARD	124	78	63	76	(97.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	57
HARWICH	301	178	59	169	(94.9)	9	(5.1)	0	(0.0)	0	(0.0)	9	(5.1)	0	(0.0)	60
HATFIELD	80	62	78	54	(87.1)	7	(11.3)	NS	(NS)	0	(0.0)	8	(12.9)	NS	(NS)	74
HAVERHILL	2833	2117	75	1960	(92.6)	141	(6.7)	14	(0.7)	2	(0.1)	157	(7.4)	15	(0.7)	65
HAWLEY	7	3	43	NS	(NS)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	70
HEATH	15	5	33	NS	(NS)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	44
HINGHAM	898	690	77	677	(98.1)	12	(1.7)	NS	(NS)	0	(0.0)	13	(1.9)	NS	(NS)	63
HINSDALE	42	41	98	38	(92.7)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	69
HOLBROOK	400	320	80	312	(97.5)	7	(2.2)	NS	(NS)	0	(0.0)	8	(2.5)	NS	(NS)	76
HOLDEN	644	394	61	386	(98.0)	8	(2.0)	0	(0.0)	0	(0.0)	8	(2.0)	0	(0.0)	63
HOLLAND	70	44	63	43	(97.7)	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	491	318	65	311 (97.8)	6 (1.9)	NS (NS)	0 (0.0)	7 (2.2)	NS (NS)	NS (NS)	75	
HOLYOKE	2010	1720	86	1578 (91.7)	127 (7.4)	14 (0.8)	1 (0.1)	142 (8.3)	14 (0.8)	NS (NS)	85	
HOPEDALE	201	123	61	120 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
HOPKINTON	577	408	71	401 (98.3)	7 (1.7)	0 (0.0)	0 (0.0)	7 (1.7)	0 (0.0)	0 (0.0)	42	
HUBBARDSTON	132	85	64	80 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	35	
HUDSON	730	589	81	569 (96.6)	18 (3.1)	NS (NS)	0 (0.0)	20 (3.4)	NS (NS)	NS (NS)	63	
HULL	277	207	75	201 (97.1)	NS (NS)	NS (NS)	0 (0.0)	6 (2.9)	NS (NS)	NS (NS)	74	
HUNTINGTON	73	56	77	50 (89.3)	6 (10.7)	0 (0.0)	0 (0.0)	6 (10.7)	0 (0.0)	0 (0.0)	70	
IPSWICH	368	250	68	236 (94.4)	13 (5.2)	NS (NS)	0 (0.0)	14 (5.6)	0 (0.0)	0 (0.0)	66	
KINGSTON	449	335	75	327 (97.6)	7 (2.1)	NS (NS)	0 (0.0)	8 (2.4)	NS (NS)	NS (NS)	51	
LAKEVILLE	343	267	78	250 (93.6)	16 (6.0)	NS (NS)	0 (0.0)	17 (6.4)	NS (NS)	NS (NS)	47	
LANCASTER	208	167	80	161 (96.4)	NS (NS)	NS (NS)	0 (0.0)	6 (3.6)	NS (NS)	NS (NS)	75	
LANESBOROUGH	92	55	60	52 (94.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	73	
LAWRENCE	4167	3475	83	3254 (93.6)	198 (5.7)	19 (0.5)	4 (0.1)	221 (6.4)	23 (0.7)	NS (NS)	81	
LEE	166	130	78	114 (87.7)	14 (10.8)	NS (NS)	0 (0.0)	16 (12.3)	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)				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	338	226	67	216 (95.6)	10 (4.4)	0 (0.0)	0 (0.0)	10 (4.4)	0 (0.0)	0 (0.0)	69	
LENOX	118	91	77	84 (92.3)	7 (7.7)	0 (0.0)	0 (0.0)	7 (7.7)	0 (0.0)	0 (0.0)	70	
LEOMINSTER	1553	1254	81	1195 (95.3)	54 (4.3)	5 (0.4)	0 (0.0)	59 (4.7)	4 (0.3)	0 (0.0)	66	
LEVERETT	42	19	45	16 (84.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	60	
LEXINGTON	912	567	62	562 (99.1)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	74	
LEYDEN	16	6	38	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	54	
LINCOLN	238	77	32	76 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
LITTLETON	334	219	66	216 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
LONGMEADOW	467	365	78	341 (93.4)	21 (5.8)	NS (NS)	0 (0.0)	24 (6.6)	NS (NS)	NS (NS)	84	
LOWELL	5136	4203	82	3908 (93.0)	257 (6.1)	34 (0.8)	4 (0.1)	295 (7.0)	32 (0.8)	0 (0.0)	78	
LUDLOW	566	460	81	444 (96.5)	15 (3.3)	NS (NS)	0 (0.0)	16 (3.5)	NS (NS)	NS (NS)	68	
LUNENBURG	326	231	71	225 (97.4)	NS (NS)	NS (NS)	0 (0.0)	6 (2.6)	NS (NS)	NS (NS)	64	
LYNN	4398	3954	90	3651 (92.3)	269 (6.8)	29 (0.7)	5 (0.1)	303 (7.7)	33 (0.8)	0 (0.0)	88	
LYNNFIELD	332	281	85	275 (97.9)	NS (NS)	NS (NS)	0 (0.0)	6 (2.1)	NS (NS)	NS (NS)	75	
MALDEN	2483	2104	85	1955 (92.9)	130 (6.2)	15 (0.7)	4 (0.2)	149 (7.1)	17 (0.8)	0 (0.0)	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	147	113	77	108 (95.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
MANSFIELD	853	607	71	593 (97.7)	13 (2.1)	NS (NS)	0 (0.0)	14 (2.3)	NS (NS)	NS (NS)	49	
MARBLEHEAD	659	533	81	510 (95.7)	23 (4.3)	0 (0.0)	0 (0.0)	23 (4.3)	0 (0.0)	0 (0.0)	85	
MARION	138	67	49	65 (97.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	57	
MARLBOROUGH	1694	1278	75	1247 (97.6)	29 (2.3)	2 (0.2)	0 (0.0)	31 (2.4)	1 (0.1)	0 (0.0)	61	
MARSHFIELD	922	735	80	713 (97.0)	22 (3.0)	0 (0.0)	0 (0.0)	22 (3.0)	0 (0.0)	0 (0.0)	67	
MASHPEE	422	350	83	339 (96.9)	11 (3.1)	0 (0.0)	0 (0.0)	11 (3.1)	0 (0.0)	0 (0.0)	30	
MATTAPOISETT	146	94	64	89 (94.7)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
MAYNARD	497	300	60	293 (97.7)	NS (NS)	NS (NS)	0 (0.0)	7 (2.3)	NS (NS)	NS (NS)	77	
MEDFIELD	380	284	75	277 (97.5)	7 (2.5)	0 (0.0)	0 (0.0)	7 (2.5)	0 (0.0)	0 (0.0)	64	
MEDFORD	1927	1497	78	1430 (95.5)	63 (4.2)	4 (0.3)	0 (0.0)	67 (4.5)	4 (0.3)	0 (0.0)	83	
MEDWAY	443	250	56	242 (96.8)	6 (2.4)	NS (NS)	0 (0.0)	8 (3.2)	NS (NS)	NS (NS)	61	
MELROSE	1064	805	76	780 (96.9)	22 (2.7)	NS (NS)	0 (0.0)	25 (3.1)	NS (NS)	NS (NS)	86	
MENDON	191	107	56	99 (92.5)	8 (7.5)	0 (0.0)	0 (0.0)	8 (7.5)	0 (0.0)	0 (0.0)	39	
MERRIMAC	148	108	73	95 (88.0)	12 (11.1)	NS (NS)	0 (0.0)	13 (12.0)	NS (NS)	NS (NS)	58	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
METHUEN	1829	1244	68	1213 (97.5)	26 (2.1)	4 (0.3)	1 (0.1)	31 (2.5)	5 (0.4)		65	
MIDDLEBOROUGH	849	655	77	624 (95.3)	29 (4.4)	NS (NS)	0 (0.0)	31 (4.7)	NS (NS)		54	
MIDDLEFIELD	14	5	36	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		43	
MIDDLETON	232	159	69	159 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)		47	
MILFORD	1227	850	69	793 (93.3)	51 (6.0)	6 (0.7)	0 (0.0)	57 (6.7)	NS (NS)		67	
MILLBURY	465	326	70	311 (95.4)	15 (4.6)	0 (0.0)	0 (0.0)	15 (4.6)	0 (0.0)		69	
MILLIS	297	193	65	189 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		62	
MILLVILLE	105	53	50	51 (96.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		55	
MILTON	977	790	81	753 (95.3)	35 (4.4)	NS (NS)	0 (0.0)	37 (4.7)	NS (NS)		83	
MONROE	2	1	50	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)		68	
MONSON	234	194	83	175 (90.2)	19 (9.8)	0 (0.0)	0 (0.0)	19 (9.8)	0 (0.0)		59	
MONTAGUE	286	169	59	148 (87.6)	20 (11.8)	NS (NS)	0 (0.0)	21 (12.4)	NS (NS)		77	
MONTEREY	30	20	67	18 (90.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		54	
MONTGOMERY	26	6	23	6 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)		51	
MOUNT WASHINGTON	3	1	33	NS (NS)	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	73	64	88	60 (93.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	91	
NANTUCKET	452	197	44	184 (93.4)	12 (6.1)	NS (NS)	0 (0.0)	13 (6.6)	NS (NS)	NS (NS)	39	
NATICK	1447	1104	76	1085 (98.3)	18 (1.6)	NS (NS)	0 (0.0)	19 (1.7)	NS (NS)	NS (NS)	70	
NEEDHAM	1202	906	75	894 (98.7)	11 (1.2)	NS (NS)	0 (0.0)	12 (1.3)	NS (NS)	NS (NS)	74	
NEW ASHFORD	5	1	20	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56	
NEW BEDFORD	4343	3867	89	3317 (85.8)	485 (12.5)	64 (1.7)	1 (<0.1)	550 (14.2)	48 (1.2)	NS (NS)	85	
NEW BRAintree	31	16	52	14 (87.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	50	
NEW MARLBOROUGH	37	21	57	20 (95.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	64	
NEW SALEM	25	11	44	11 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	56	
NEWBURY	208	118	57	114 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
NEWBURYPORT	581	433	75	401 (92.6)	31 (7.2)	NS (NS)	0 (0.0)	32 (7.4)	NS (NS)	NS (NS)	74	
NEWTON	2964	2227	75	2165 (97.2)	59 (2.6)	1 (<0.1)	2 (0.1)	62 (2.8)	3 (0.1)	NS (NS)	83	
NORFOLK	326	247	76	240 (97.2)	6 (2.4)	NS (NS)	0 (0.0)	7 (2.8)	NS (NS)	NS (NS)	43	
NORTH ADAMS	496	444	90	395 (89.0)	45 (10.1)	NS (NS)	NS (NS)	49 (11.0)	NS (NS)	NS (NS)	87	
NORTH ANDOVER	1080	770	71	757 (98.3)	12 (1.6)	0 (0.0)	NS (NS)	13 (1.7)	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 ATTLEBOROU	1183	811	69	757 (93.3)	50 (6.2)	NS (NS)	0 (0.0)	54 (6.7)	NS (NS)		58	
NORTH BROOKFIELD	175	113	65	102 (90.3)	9 (8.0)	NS (NS)	0 (0.0)	11 (9.7)	NS (NS)		73	
NORTH READING	491	362	74	355 (98.1)	7 (1.9)	0 (0.0)	0 (0.0)	7 (1.9)	0 (0.0)		56	
NORTHAMPTON	718	532	74	503 (94.5)	26 (4.9)	NS (NS)	0 (0.0)	29 (5.5)	NS (NS)		79	
NORTHBOROUGH	438	301	69	297 (98.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		55	
NORTHBRIDGE	665	339	51	316 (93.2)	19 (5.6)	NS (NS)	0 (0.0)	23 (6.8)	NS (NS)		66	
NORTHFIELD	77	38	49	36 (94.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		68	
NORTON	638	465	73	451 (97.0)	14 (3.0)	0 (0.0)	0 (0.0)	14 (3.0)	0 (0.0)		48	
NORWELL	384	313	82	307 (98.1)	NS (NS)	NS (NS)	0 (0.0)	6 (1.9)	NS (NS)		69	
NORWOOD	1153	884	77	853 (96.5)	29 (3.3)	NS (NS)	0 (0.0)	31 (3.5)	NS (NS)		78	
OAK BLUFFS	171	46	27	45 (97.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		54	
OAKHAM	40	24	60	23 (95.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		47	
ORANGE	285	123	43	110 (89.4)	13 (10.6)	0 (0.0)	0 (0.0)	13 (10.6)	0 (0.0)		68	
ORLEANS	103	55	53	47 (85.5)	8 (14.5)	0 (0.0)	0 (0.0)	8 (14.5)	0 (0.0)		57	
OTIS	46	45	98	42 (93.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		61	

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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 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
OXFORD	515	359	70	341 (95.0)	17 (4.7)	NS (NS)	0 (0.0)	18 (5.0)	0 (0.0)	68		
PALMER	363	275	76	253 (92.0)	20 (7.3)	NS (NS)	0 (0.0)	22 (8.0)	NS (NS)	72		
PAXTON	153	72	47	71 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	71		
PEABODY	1597	1374	86	1327 (96.6)	40 (2.9)	7 (0.5)	0 (0.0)	47 (3.4)	6 (0.4)	67		
PELHAM	36	49	>99	49 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	61		
PEMBROKE	656	523	80	508 (97.1)	13 (2.5)	NS (NS)	NS (NS)	15 (2.9)	NS (NS)	58		
PEPPERELL	393	168	43	164 (97.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	49		
PERU	20	6	30	6 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	39		
PETERSHAM	36	14	39	10 (71.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	67		
PHILLIPSTON	46	29	63	28 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	47		
PITTSFIELD	1689	1407	83	1266 (90.0)	135 (9.6)	6 (0.4)	0 (0.0)	141 (10.0)	6 (0.4)	81		
PLAINFIELD	22	17	77	16 (94.1)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	65		
PLAINVILLE	309	233	75	226 (97.0)	7 (3.0)	0 (0.0)	0 (0.0)	7 (3.0)	0 (0.0)	59		
PLYMOUTH	2062	1322	64	1282 (97.0)	39 (3.0)	1 (0.1)	0 (0.0)	40 (3.0)	0 (0.0)	54		
PLYMPTON	76	49	64	47 (95.9)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	54		

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Calendar Year 2010: January 01, 2010- December 31, 2010

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	(%)	
PRINCETON	90	58	64	55	(94.8)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	63
PROVINCETOWN	38	17	45	16	(94.1)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	70
QUINCY	3222	2761	86	2621	(94.9)	130	(4.7)	10	(0.4)	0	(0.0)	140	(5.1)	8	(0.3)	74
RANDOLPH	1227	976	80	941	(96.4)	34	(3.5)	NS	(NS)	0	(0.0)	35	(3.6)	NS	(NS)	72
RAYNHAM	496	406	82	386	(95.1)	20	(4.9)	0	(0.0)	0	(0.0)	20	(4.9)	0	(0.0)	47
READING	975	628	64	618	(98.4)	9	(1.4)	NS	(NS)	0	(0.0)	10	(1.6)	NS	(NS)	74
REHOBOTH	350	232	66	221	(95.3)	11	(4.7)	0	(0.0)	0	(0.0)	11	(4.7)	0	(0.0)	55
REVERE	2106	1984	94	1872	(94.4)	103	(5.2)	9	(0.5)	0	(0.0)	112	(5.6)	8	(0.4)	73
RICHMOND	19	11	58	11	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	71
ROCHESTER	144	72	50	68	(94.4)	NS	(NS)	0	(0.0)	0	(0.0)	NS	(NS)	0	(0.0)	40
ROCKLAND	730	609	83	586	(96.2)	20	(3.3)	NS	(NS)	0	(0.0)	23	(3.8)	NS	(NS)	69
ROCKPORT	156	138	88	127	(92.0)	10	(7.2)	NS	(NS)	0	(0.0)	11	(8.0)	0	(0.0)	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	207	151	73	145	(96.0)	6	(4.0)	0	(0.0)	0	(0.0)	6	(4.0)	0	(0.0)	50
ROYALSTON	37	13	35	9	(69.2)	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	48	73	45 (93.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	72	
RUTLAND	318	189	59	184 (97.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	43	
SALEM	1490	1290	87	1192 (92.4)	93 (7.2)	4 (0.3)	1 (0.1)	98 (7.6)	2 (0.2)	78		
SALISBURY	246	184	75	179 (97.3)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	59		
SANDISFIELD	30	16	53	12 (75.0)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	52		
SANDWICH	592	437	74	424 (97.0)	13 (3.0)	0 (0.0)	0 (0.0)	13 (3.0)	0 (0.0)	46		
SAUGUS	786	608	77	585 (96.2)	18 (3.0)	NS (NS)	0 (0.0)	23 (3.8)	NS (NS)	73		
SAVOY	19	10	53	10 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	48		
SCITUATE	598	498	83	470 (94.4)	28 (5.6)	0 (0.0)	0 (0.0)	28 (5.6)	0 (0.0)	73		
SEEKONK	351	222	63	208 (93.7)	14 (6.3)	0 (0.0)	0 (0.0)	14 (6.3)	0 (0.0)	65		
SHARON	553	344	62	340 (98.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	60		
SHEFFIELD	74	60	81	58 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	68		
SHELBURNE	48	53	>99	44 (83.0)	9 (17.0)	0 (0.0)	0 (0.0)	9 (17.0)	0 (0.0)	83		
SHERBORN	110	80	73	78 (97.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	73		
SHIRLEY	217	133	61	127 (95.5)	6 (4.5)	0 (0.0)	0 (0.0)	6 (4.5)	0 (0.0)	47		

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
SHREWSBURY	1303	944	72	921 (97.6)	21 (2.2)	NS (NS)	0 (0.0)	23 (2.4)	NS (NS)	NS (NS)	56	
SHUTESBURY	47	19	40	19 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	49	
SOMERSET	529	345	65	331 (95.9)	13 (3.8)	NS (NS)	0 (0.0)	14 (4.1)	NS (NS)	NS (NS)	77	
SOMERVILLE	2260	1999	88	1856 (92.8)	131 (6.6)	11 (0.6)	1 (0.1)	143 (7.2)	11 (0.6)	NS (NS)	88	
SOUTH HADLEY	439	363	83	349 (96.1)	14 (3.9)	0 (0.0)	0 (0.0)	14 (3.9)	0 (0.0)	0 (0.0)	72	
SOUTHAMPTON	167	107	64	102 (95.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	48	
SOUTHBOROUGH	327	237	72	231 (97.5)	6 (2.5)	0 (0.0)	0 (0.0)	6 (2.5)	0 (0.0)	0 (0.0)	50	
SOUTHBRIDGE	663	484	73	432 (89.3)	49 (10.1)	NS (NS)	NS (NS)	52 (10.7)	NS (NS)	NS (NS)	80	
SOUTHWICK	268	211	79	200 (94.8)	11 (5.2)	0 (0.0)	0 (0.0)	11 (5.2)	0 (0.0)	0 (0.0)	53	
SPENCER	397	273	69	254 (93.0)	17 (6.2)	NS (NS)	0 (0.0)	19 (7.0)	NS (NS)	NS (NS)	71	
SPRINGFIELD	7352	6267	85	5712 (91.1)	469 (7.5)	82 (1.3)	4 (0.1)	555 (8.9)	79 (1.3)	NS (NS)	85	
STERLING	255	187	73	185 (98.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
STOCKBRIDGE	30	18	60	14 (77.8)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	77	
STONEHAM	684	508	74	483 (95.1)	22 (4.3)	NS (NS)	0 (0.0)	25 (4.9)	NS (NS)	NS (NS)	73	
STOUGHTON	972	796	82	758 (95.2)	35 (4.4)	NS (NS)	0 (0.0)	38 (4.8)	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	262	178	68	177 (99.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	55	
STURBRIDGE	400	278	70	269 (96.8)	9 (3.2)	0 (0.0)	0 (0.0)	9 (3.2)	0 (0.0)	0 (0.0)	41	
SUDBURY	624	426	68	419 (98.4)	7 (1.6)	0 (0.0)	0 (0.0)	7 (1.6)	0 (0.0)	0 (0.0)	61	
SUNDERLAND	89	59	66	57 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	63	
SUTTON	267	187	70	179 (95.7)	8 (4.3)	0 (0.0)	0 (0.0)	8 (4.3)	0 (0.0)	0 (0.0)	47	
SWAMPSCOTT	494	403	82	372 (92.3)	28 (6.9)	NS (NS)	0 (0.0)	31 (7.7)	NS (NS)	NS (NS)	86	
SWANSEA	453	331	73	321 (97.0)	9 (2.7)	NS (NS)	0 (0.0)	10 (3.0)	NS (NS)	NS (NS)	68	
TAUNTON	2266	1776	78	1640 (92.3)	124 (7.0)	10 (0.6)	2 (0.1)	136 (7.7)	9 (0.5)	9 (0.5)	65	
TEMPLETON	300	204	68	190 (93.1)	13 (6.4)	0 (0.0)	NS (NS)	14 (6.9)	NS (NS)	NS (NS)	58	
TEWKSBURY	961	668	70	657 (98.4)	11 (1.6)	0 (0.0)	0 (0.0)	11 (1.6)	0 (0.0)	0 (0.0)	52	
TISBURY	134	48	36	46 (95.8)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	52	
TOLLAND	16	7	44	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	48	
TOPSFIELD	162	127	78	126 (99.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	77	
TOWNSEND	296	165	56	158 (95.8)	6 (3.6)	NS (NS)	0 (0.0)	7 (4.2)	NS (NS)	NS (NS)	59	
TRURO	38	14	37	11 (78.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	53	

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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 (%)	
TYNGSBOROUGH	376	245	65	241 (98.4)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	37	
TYRINGHAM	4	5	>99	NS (NS)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	59	
UPTON	248	150	60	147 (98.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	53	
UXBRIDGE	516	259	50	251 (96.9)	7 (2.7)	NS (NS)	0 (0.0)	8 (3.1)	NS (NS)	NS (NS)	50	
WAKEFIELD	913	645	71	626 (97.1)	18 (2.8)	NS (NS)	0 (0.0)	19 (2.9)	NS (NS)	NS (NS)	82	
WALES	69	43	62	40 (93.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	59	
WALPOLE	829	636	77	620 (97.5)	15 (2.4)	NS (NS)	0 (0.0)	16 (2.5)	NS (NS)	NS (NS)	56	
WALTHAM	2087	1543	74	1497 (97.0)	42 (2.7)	3 (0.2)	1 (0.1)	46 (3.0)	2 (0.1)	76		
WARE	403	264	66	249 (94.3)	12 (4.5)	NS (NS)	0 (0.0)	15 (5.7)	NS (NS)	65		
WAREHAM	765	412	54	393 (95.4)	16 (3.9)	NS (NS)	0 (0.0)	19 (4.6)	NS (NS)	71		
WARREN	186	105	56	99 (94.3)	NS (NS)	NS (NS)	0 (0.0)	6 (5.7)	NS (NS)	63		
WARWICK	18	8	44	7 (87.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	64		
WASHINGTON	13	9	69	9 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52		
WATERTOWN	1214	789	65	757 (95.9)	25 (3.2)	6 (0.8)	NS (NS)	32 (4.1)	7 (0.9)	83		
WAYLAND	407	293	72	289 (98.6)	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	670	502	75	457 (91.0)	42 (8.4)	NS (NS)	0 (0.0)	45 (9.0)	NS (NS)	NS (NS)	75	
WELLESLEY	1022	742	73	727 (98.0)	14 (1.9)	NS (NS)	0 (0.0)	15 (2.0)	NS (NS)	NS (NS)	81	
WELLFLEET	56	29	52	25 (86.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	56	
WENDELL	24	10	42	9 (90.0)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	58	
WENHAM	94	72	77	72 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	74	
WEST BOYLSTON	174	121	70	118 (97.5)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	68	
WEST BRIDGEWATER	205	169	82	162 (95.9)	7 (4.1)	0 (0.0)	0 (0.0)	7 (4.1)	0 (0.0)	0 (0.0)	73	
WEST BROOKFIELD	98	71	72	65 (91.5)	6 (8.5)	0 (0.0)	0 (0.0)	6 (8.5)	0 (0.0)	0 (0.0)	61	
WEST NEWBURY	131	89	68	86 (96.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	57	
WEST SPRINGFIELD	1099	862	78	780 (90.5)	73 (8.5)	8 (0.9)	NS (NS)	82 (9.5)	NS (NS)	NS (NS)	80	
WEST STOCKBRIDGE	20	14	70	13 (92.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	61	
WEST TISBURY	80	29	36	25 (86.2)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)	0 (0.0)	29	
WESTBOROUGH	702	577	82	551 (95.5)	24 (4.2)	NS (NS)	0 (0.0)	26 (4.5)	NS (NS)	NS (NS)	56	
WESTFIELD	1447	1128	78	1039 (92.1)	83 (7.4)	6 (0.5)	0 (0.0)	89 (7.9)	NS (NS)	NS (NS)	73	
WESTFORD	684	431	63	424 (98.4)	7 (1.6)	0 (0.0)	0 (0.0)	7 (1.6)	0 (0.0)	0 (0.0)	43	

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				0-4 N (%)	5-9 N (%)	10-24 N (%)	≥25 N (%)	N (%)	N (%)	N (%)	N (%)	
WESTHAMPTON	48	26	54	26 (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	204	120	59	116 (96.7)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	59
WESTON	322	235	73	230 (97.9)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	68
WESTPORT	410	346	84	326 (94.2)	18 (5.2)	NS (NS)	0 (0.0)	20 (5.8)	NS (NS)	NS (NS)	NS (NS)	62
WESTWOOD	493	349	71	344 (98.6)	NS (NS)	NS (NS)	0 (0.0)	NS (NS)	NS (NS)	NS (NS)	NS (NS)	70
WEYMOUTH	2108	1703	81	1630 (95.7)	71 (4.2)	2 (0.1)	0 (0.0)	73 (4.3)	1 (0.1)	NS (NS)	NS (NS)	76
WHATELY	41	12	29	10 (83.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	64
WHITMAN	644	470	73	441 (93.8)	25 (5.3)	NS (NS)	NS (NS)	29 (6.2)	NS (NS)	NS (NS)	NS (NS)	79
WILBRAHAM	371	301	81	292 (97.0)	8 (2.7)	NS (NS)	0 (0.0)	9 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	72
WILLIAMSBURG	73	72	99	71 (98.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	0 (0.0)	0 (0.0)	69
WILLIAMSTOWN	146	142	97	132 (93.0)	10 (7.0)	0 (0.0)	0 (0.0)	10 (7.0)	0 (0.0)	0 (0.0)	0 (0.0)	82
WILMINGTON	868	602	69	595 (98.8)	7 (1.2)	0 (0.0)	0 (0.0)	7 (1.2)	0 (0.0)	0 (0.0)	0 (0.0)	58
WINCHENDON	344	205	60	190 (92.7)	13 (6.3)	NS (NS)	0 (0.0)	15 (7.3)	NS (NS)	NS (NS)	NS (NS)	58
WINCHESTER	882	678	77	664 (97.9)	13 (1.9)	NS (NS)	0 (0.0)	14 (2.1)	NS (NS)	NS (NS)	NS (NS)	80
WINDSOR	14	13	93	11 (84.6)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	NS (NS)	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 2010: January 01, 2010- December 31, 2010

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	575	459	80	436 (95.0)	21 (4.6)	NS (NS)	0 (0.0)	23 (5.0)	NS (NS)		89	
WOBURN	1514	1229	81	1184 (96.3)	45 (3.7)	0 (0.0)	0 (0.0)	45 (3.7)	0 (0.0)		72	
WORCESTER	7772	6011	77	5620 (93.5)	349 (5.8)	40 (0.7)	2 (<0.1)	391 (6.5)	38 (0.6)		79	
WORTHINGTON	20	14	70	14 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)		67	
WRENTHAM	359	267	74	265 (99.3)	NS (NS)	0 (0.0)	0 (0.0)	NS (NS)	0 (0.0)		46	
YARMOUTH	667	478	72	453 (94.8)	22 (4.6)	NS (NS)	NS (NS)	25 (5.2)	NS (NS)		64	
Total for MA	238,827	184,895	77	174,782 (94.5)	9,160 (5.0)	887 (0.5)	66 (<0.1)	10,113 (5.5)	817 (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 the 2010 U.S. Decennial Census 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.