



Screening and Prevalence Statistics
2012 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 confirmed and unconfirmed elevated 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 US Census Bureau 2012 estimate for the number of children 9 to 47 months of age.

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 US Census Bureau 2012 estimate.

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 the higher of two capillary blood lead specimens ≥ 10 µg/dL drawn within 12 weeks of each other. A single capillary blood lead specimen of any value is considered unconfirmed. The Massachusetts Childhood Lead Poisoning Prevention Program (CLPPP) recommends but does not require confirmation of capillary blood lead specimens below 10 µg/dL. Due to this, capillary blood lead specimens between 5 and 9 µg/dL are usually unconfirmed. Unconfirmed capillary blood lead specimens ≥ 10 µg/dL are rare but may exist because of a failure to re-test.

In 2012, the CDC updated its guidelines on blood lead levels in children. The earlier 10 µg/dL level of concern was replaced with a reference level of 5 µg/dL. Due to these changes, blood lead levels below 10 µg/dL are now included in Department of Public Health data tables. The blood lead levels are organized into four categories: 0-4 µg/dL, 5-9 µg/dL, 10-24 µg/dL, and ≥25 µg/dL. For each category, the number (N) and percentage (%) of screened children whose highest blood lead specimen fell within the category is shown. Blood lead levels in the 10-24 µg/dL category are considered elevated and blood lead levels ≥25 µg/dL signify lead poisoning. For more information regarding the new 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 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). However, there is no safe blood lead level. This data is an aggregate of the 5-9, 10-24, and ≥25 µg/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 µg/dL. Please see the Blood Lead Levels description for details on how blood lead specimens are confirmed.

CONFIRMED ELEVATED ≥10: The Childhood Lead Poisoning Prevention Program defines an elevated blood lead level to be ≥10 µg/dL. This data shows the number (N) and percentage (%) of children nine to 47 months of age with a confirmed blood lead specimen ≥10 µg/dL. While not presented in the table, the number of unconfirmed elevated ≥10 µg/dL can be calculated by summing the 10-24 and ≥25 µg/dL blood lead level categories and then subtracting the number of confirmed elevated ≥10 µg/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 2012: January 01, 2012- December 31, 2012

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Confirmed and Unconfirmed ≥5 ³		Confirmed Elevated ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
ABINGTON	616	492	80	477	97	13	3	NS	NS	0	0	15	3	NS	NS	68
ACTON	686	363	53	357	98	NS	NS	NS	NS	0	0	6	2	NS	NS	62
ACUSHNET	290	227	78	220	97	7	3	0	0	0	0	7	3	0	0	61
ADAMS	242	199	82	184	92	14	7	NS	NS	0	0	15	8	NS	NS	92
AGAWAM	845	626	74	608	97	17	3	NS	NS	0	0	18	3	NS	NS	67
ALFORD	7	1	14	NS	NS	0	0	0	0	0	0	0	0	0	0	52
AMESBURY	619	423	68	404	96	18	4	NS	NS	0	0	19	4	NS	NS	69
AMHERST	532	348	65	340	98	8	2	0	0	0	0	8	2	0	0	64
ANDOVER	1019	652	64	633	97	18	3	NS	NS	0	0	19	3	NS	NS	68
ARLINGTON	1856	1431	77	1401	98	29	2	1	<1	0	0	30	2	1	0	91
ASHBURNHAM	209	128	61	116	91	10	8	NS	NS	0	0	12	9	NS	NS	59
ASHBY	98	62	63	56	90	6	10	0	0	0	0	6	10	0	0	62
ASHFIELD	40	16	40	14	88	NS	NS	NS	NS	0	0	NS	NS	NS	NS	67
ASHLAND	771	540	70	528	98	12	2	0	0	0	0	12	2	0	0	45
ATHOL	432	199	46	180	90	16	8	NS	NS	0	0	19	10	NS	NS	77

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
ATTLEBORO	1779	1360	76	1300	96	53	4	6	<1	1	<1	60	4	6	0	65
AUBURN	511	395	77	389	98	6	2	0	0	0	0	6	2	0	0	68
AVON	146	109	75	104	95	NS	NS	0	0	0	0	NS	NS	0	0	86
AYER	332	179	54	171	96	7	4	NS	NS	0	0	8	4	NS	NS	58
BARNSTABLE	1348	961	71	933	97	24	2	NS	NS	0	0	28	3	NS	NS	57
BARRE	176	79	45	76	96	NS	NS	0	0	0	0	NS	NS	0	0	64
BECKET	52	27	52	27	100	0	0	0	0	0	0	0	0	0	0	51
BEDFORD	459	483	>99	474	98	8	2	NS	NS	0	0	9	2	NS	NS	63
BELCHERTOWN	527	278	53	275	99	NS	NS	0	0	0	0	NS	NS	0	0	39
BELLINGHAM	705	388	55	385	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	64
BELMONT	1044	564	54	552	98	12	2	0	0	0	0	12	2	0	0	92
BERKLEY	184	161	88	154	96	6	4	NS	NS	0	0	7	4	NS	NS	34
BERLIN	81	49	60	44	90	NS	NS	NS	NS	0	0	NS	NS	NS	NS	55
BERNARDSTON	52	37	71	36	97	NS	NS	0	0	0	0	NS	NS	0	0	64
BEVERLY	1342	1127	84	1094	97	32	3	NS	NS	0	0	33	3	NS	NS	80

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
BILLERICA	1401	912	65	861	94	51	6	0	0	0	0	51	6	0	0	66
BLACKSTONE	315	152	48	145	95	7	5	0	0	0	0	7	5	0	0	56
BLANDFORD	26	23	88	23	100	0	0	0	0	0	0	0	0	0	0	63
BOLTON	171	114	67	114	100	0	0	0	0	0	0	0	0	0	0	33
BOSTON	21161	18287	86	17528	96	672	4	77	<1	10	<1	759	4	81	0	81
BOURNE	534	434	81	420	97	12	3	NS	NS	0	0	14	3	NS	NS	61
BOXBOROUGH	116	63	54	61	97	NS	NS	0	0	0	0	NS	NS	0	0	48
BOXFORD	156	148	95	147	99	NS	NS	0	0	0	0	NS	NS	0	0	51
BOYLSTON	135	82	61	81	99	NS	NS	0	0	0	0	NS	NS	0	0	59
BRAINTREE	1355	941	69	925	98	14	1	NS	NS	0	0	16	2	NS	NS	74
BREWSTER	209	116	56	113	97	NS	NS	0	0	0	0	NS	NS	0	0	38
BRIDGEWATER	677	483	71	469	97	14	3	0	0	0	0	14	3	0	0	50
BRIMFIELD	101	72	71	71	99	NS	NS	0	0	0	0	NS	NS	0	0	57
BROCKTON	4471	3738	84	3465	93	242	6	30	1	1	<1	273	7	31	1	83
BROOKFIELD	115	89	77	86	97	NS	NS	0	0	0	0	NS	NS	0	0	59

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
BROOKLINE	2161	1613	75	1547	96	63	4	3	<1	0	0	66	4	3	0	88
BUCKLAND	55	5	9	NS	NS	0	0	0	0	0	0	0	0	0	0	69
BURLINGTON	882	647	73	603	93	43	7	NS	NS	0	0	44	7	NS	NS	63
CAMBRIDGE	2911	2116	73	2050	97	58	3	7	<1	1	<1	66	3	8	0	78
CANTON	781	525	67	514	98	10	2	NS	NS	0	0	11	2	NS	NS	60
CARLISLE	114	61	54	60	98	NS	NS	0	0	0	0	NS	NS	0	0	52
CARVER	352	281	80	273	97	7	2	NS	NS	0	0	8	3	NS	NS	40
CHARLEMONT	35	29	83	28	97	NS	NS	0	0	0	0	NS	NS	0	0	71
CHARLTON	412	295	72	291	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	39
CHATHAM	113	68	60	66	97	NS	NS	0	0	0	0	NS	NS	0	0	60
CHELMSFORD	1082	746	69	735	99	11	1	0	0	0	0	11	1	0	0	65
CHELSEA	2107	2051	97	1936	94	105	5	10	<1	0	0	115	6	10	0	79
CHESHIRE	96	62	65	59	95	NS	NS	NS	NS	0	0	NS	NS	NS	NS	63
CHESTER	38	12	32	10	83	NS	NS	0	0	0	0	NS	NS	0	0	70
CHESTERFIELD	22	16	73	16	100	0	0	0	0	0	0	0	0	0	0	62

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
CHICOPEE	2066	1400	68	1350	96	47	3	2	<1	1	<1	50	4	3	0	84
CHILMARK	25	10	40	9	90	NS	NS	0	0	0	0	NS	NS	0	0	51
CLARKSBURG	57	6	11	6	100	0	0	0	0	0	0	0	0	0	0	78
CLINTON	589	416	71	390	94	25	6	NS	NS	0	0	26	6	0	0	75
COHASSET	286	225	79	222	99	NS	NS	0	0	0	0	NS	NS	0	0	73
COLRAIN	32	37	>99	33	89	NS	NS	NS	NS	0	0	NS	NS	0	0	64
CONCORD	458	247	54	241	98	6	2	0	0	0	0	6	2	0	0	71
CONWAY	57	20	35	18	90	NS	NS	NS	NS	0	0	NS	NS	NS	NS	63
CUMMINGTON	18	13	72	13	100	0	0	0	0	0	0	0	0	0	0	63
DALTON	169	138	82	134	97	NS	NS	0	0	0	0	NS	NS	0	0	82
DANVERS	827	689	83	670	97	16	2	NS	NS	0	0	19	3	NS	NS	71
DARTMOUTH	706	593	84	574	97	19	3	0	0	0	0	19	3	0	0	60
DEDHAM	884	586	66	573	98	12	2	NS	NS	0	0	13	2	NS	NS	74
DEERFIELD	133	97	73	96	99	NS	NS	0	0	0	0	NS	NS	0	0	69
DENNIS	337	225	67	215	96	10	4	0	0	0	0	10	4	0	0	72

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
DIGHTON	252	162	64	159	98	NS	NS	0	0	0	0	NS	NS	0	0	57
DOUGLAS	319	165	52	161	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	50
DOVER	140	107	76	105	98	NS	NS	0	0	0	0	NS	NS	0	0	69
DRACUT	1058	797	75	773	97	23	3	NS	NS	0	0	24	3	NS	NS	52
DUDLEY	329	209	64	202	97	6	3	NS	NS	0	0	7	3	NS	NS	64
DUNSTABLE	62	39	63	36	92	NS	NS	0	0	0	0	NS	NS	0	0	43
DUXBURY	434	314	72	311	99	NS	NS	0	0	0	0	NS	NS	0	0	63
EAST BRIDGEWATER	474	295	62	288	98	7	2	0	0	0	0	7	2	0	0	61
EAST BROOKFIELD	69	51	74	50	98	NS	NS	0	0	0	0	NS	NS	0	0	74
EAST LONGMEADOW	445	355	80	346	97	8	2	NS	NS	0	0	9	3	0	0	67
EASTHAM	83	50	60	47	94	NS	NS	0	0	0	0	NS	NS	0	0	52
EASTHAMPTON	497	327	66	321	98	6	2	0	0	0	0	6	2	0	0	70
EASTON	645	555	86	542	98	12	2	NS	NS	0	0	13	2	NS	NS	52
EDGARTOWN	152	109	72	104	95	NS	NS	0	0	0	0	NS	NS	0	0	40
EGREMONT	24	4	17	NS	NS	0	0	0	0	0	0	0	0	0	0	65

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
ERVING	55	22	40	20	91	NS	NS	NS	NS	0	0	NS	NS	NS	NS	66
ESSEX	119	78	66	75	96	NS	NS	0	0	0	0	NS	NS	0	0	74
EVERETT	1964	1580	80	1516	96	57	4	7	<1	0	0	64	4	7	0	89
FAIRHAVEN	420	373	89	349	94	23	6	NS	NS	0	0	24	6	0	0	78
FALL RIVER	3765	2726	72	2599	95	116	4	9	<1	2	<1	127	5	10	0	83
FALMOUTH	824	682	83	669	98	11	2	NS	NS	0	0	13	2	NS	NS	60
FITCHBURG	1808	1194	66	1104	92	87	7	NS	NS	NS	NS	90	8	NS	NS	75
FLORIDA	35	9	26	8	89	NS	NS	0	0	0	0	NS	NS	0	0	62
FOXBOROUGH	568	437	77	425	97	9	2	NS	NS	0	0	12	3	NS	NS	59
FRAMINGHAM	3064	2036	66	1988	98	44	2	4	<1	0	0	48	2	4	0	82
FRANKLIN	1130	686	61	678	99	6	1	NS	NS	0	0	8	1	NS	NS	41
FREETOWN	223	203	91	200	99	NS	NS	0	0	0	0	NS	NS	0	0	63
GARDNER	823	441	54	399	90	37	8	NS	NS	0	0	42	10	NS	NS	77
AQUINNAH	14	1	7	NS	NS	0	0	0	0	0	0	0	0	0	0	40
GEORGETOWN	289	195	67	193	99	NS	NS	0	0	0	0	NS	NS	0	0	52

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
GILL	24	6	25	6	100	0	0	0	0	0	0	0	0	0	0	56
GLOUCESTER	778	715	92	662	93	49	7	NS	NS	0	0	53	7	NS	NS	78
GOSHEN	38	16	42	15	94	NS	NS	0	0	0	0	NS	NS	0	0	63
GOSNOLD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	82
GRAFTON	809	520	64	509	98	11	2	0	0	0	0	11	2	0	0	52
GRANBY	153	117	76	115	98	NS	NS	0	0	0	0	NS	NS	0	0	71
GRANVILLE	37	31	84	30	97	NS	NS	0	0	0	0	NS	NS	0	0	69
GREAT BARRINGTON	161	120	75	111	92	8	7	NS	NS	0	0	9	8	NS	NS	76
GREENFIELD	657	415	63	387	93	23	6	NS	NS	NS	NS	28	7	NS	NS	81
GROTON	319	176	55	173	98	NS	NS	0	0	0	0	NS	NS	0	0	45
GROVELAND	185	134	72	133	99	NS	NS	0	0	0	0	NS	NS	0	0	61
HADLEY	123	77	63	76	99	NS	NS	0	0	0	0	NS	NS	0	0	67
HALIFAX	243	200	82	200	100	0	0	0	0	0	0	0	0	0	0	67
HAMILTON	294	232	79	225	97	7	3	0	0	0	0	7	3	0	0	77
HAMPDEN	117	93	79	90	97	NS	NS	0	0	0	0	NS	NS	0	0	72

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				N	%	N	%	N	%	N	%					
HANCOCK	21	5	24	NS	NS	NS	NS	0	0	0	0	NS	NS	0	0	36
HANOVER	442	404	91	391	97	12	3	NS	NS	0	0	13	3	NS	NS	60
HANSON	317	279	88	270	97	9	3	0	0	0	0	9	3	0	0	63
HARDWICK	129	45	35	41	91	NS	NS	0	0	0	0	NS	NS	0	0	63
HARVARD	106	72	68	70	97	NS	NS	0	0	0	0	NS	NS	0	0	57
HARWICH	301	179	59	170	95	8	4	NS	NS	0	0	9	5	NS	NS	60
HATFIELD	75	58	77	58	100	0	0	0	0	0	0	0	0	0	0	74
HAVERHILL	2843	1983	70	1867	94	98	5	16	1	2	<1	116	6	17	1	65
HAWLEY	6	7	>99	7	100	0	0	0	0	0	0	0	0	0	0	70
HEATH	12	5	42	NS	NS	NS	NS	0	0	0	0	NS	NS	0	0	44
HINGHAM	883	660	75	649	98	10	2	NS	NS	0	0	11	2	NS	NS	63
HINSDALE	37	43	>99	43	100	0	0	0	0	0	0	0	0	0	0	69
HOLBROOK	390	316	81	312	99	NS	NS	0	0	0	0	NS	NS	0	0	76
HOLDEN	639	328	51	323	98	NS	NS	0	0	0	0	NS	NS	0	0	63
HOLLAND	66	50	76	50	100	0	0	0	0	0	0	0	0	0	0	70

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
HOLLISTON	456	348	76	328	94	17	5	NS	NS	0	0	20	6	NS	NS	75
HOLYOKE	1996	1505	75	1420	94	74	5	9	1	2	<1	85	6	10	1	85
HOPEDALE	186	112	60	108	96	NS	NS	NS	NS	0	0	NS	NS	NS	NS	61
HOPKINTON	517	392	76	386	98	6	2	0	0	0	0	6	2	0	0	42
HUBBARDSTON	124	67	54	61	91	NS	NS	NS	NS	0	0	6	9	NS	NS	35
HUDSON	721	528	73	510	97	18	3	0	0	0	0	18	3	0	0	63
HULL	253	215	85	211	98	NS	NS	0	0	0	0	NS	NS	0	0	74
HUNTINGTON	73	49	67	46	94	NS	NS	0	0	0	0	NS	NS	0	0	70
IPSWICH	347	242	70	238	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	66
KINGSTON	411	322	78	314	98	8	2	0	0	0	0	8	2	0	0	51
LAKEVILLE	317	240	76	230	96	10	4	0	0	0	0	10	4	0	0	47
LANCASTER	202	143	71	136	95	6	4	NS	NS	0	0	7	5	NS	NS	75
LANESBOROUGH	95	60	63	56	93	NS	NS	0	0	0	0	NS	NS	0	0	73
LAWRENCE	4179	3496	84	3315	95	155	4	23	1	3	<1	181	5	26	1	81
LEE	161	124	77	119	96	NS	NS	0	0	0	0	NS	NS	0	0	73

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 Elevated ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
LEICESTER	326	210	64	203	97	7	3	0	0	0	0	7	3	0	0	69
LENOX	120	68	57	67	99	NS	NS	0	0	0	0	NS	NS	0	0	70
LEOMINSTER	1484	1065	72	1024	96	37	3	NS	NS	NS	NS	41	4	NS	NS	66
LEVERETT	43	24	56	23	96	NS	NS	0	0	0	0	NS	NS	0	0	60
LEXINGTON	871	550	63	545	99	NS	NS	0	0	0	0	NS	NS	0	0	74
LEYDEN	14	1	7	NS	NS	0	0	0	0	0	0	0	0	0	0	54
LINCOLN	183	85	46	82	96	NS	NS	0	0	0	0	NS	NS	0	0	63
LITTLETON	312	171	55	168	98	NS	NS	0	0	0	0	NS	NS	0	0	59
LONGMEADOW	441	277	63	265	96	11	4	NS	NS	0	0	12	4	NS	NS	84
LOWELL	5180	4002	77	3814	95	166	4	19	<1	3	<1	188	5	21	1	78
LUDLOW	553	426	77	414	97	12	3	0	0	0	0	12	3	0	0	68
LUNENBURG	322	223	69	220	99	NS	NS	0	0	0	0	NS	NS	0	0	64
LYNN	4432	3884	88	3650	94	206	5	23	1	5	<1	234	6	28	1	88
LYNNFIELD	305	297	97	287	97	10	3	0	0	0	0	10	3	0	0	75
MALDEN	2548	1987	78	1893	95	84	4	8	<1	2	<1	94	5	10	1	80

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
MANCHESTER	144	102	71	96	94	6	6	0	0	0	0	6	6	0	0	77
MANSFIELD	744	581	78	571	98	10	2	0	0	0	0	10	2	0	0	49
MARBLEHEAD	609	480	79	463	96	16	3	NS	NS	0	0	17	4	NS	NS	85
MARION	129	111	86	109	98	NS	NS	0	0	0	0	NS	NS	0	0	57
MARLBOROUGH	1707	1131	66	1095	97	33	3	NS	NS	0	0	36	3	NS	NS	61
MARSHFIELD	858	674	79	663	98	9	1	NS	NS	0	0	11	2	NS	NS	67
MASHPEE	407	306	75	305	100	0	0	NS	NS	0	0	NS	NS	NS	NS	30
MATTAPOISETT	135	92	68	90	98	NS	NS	0	0	0	0	NS	NS	0	0	72
MAYNARD	500	246	49	241	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	77
MEDFIELD	321	256	80	250	98	6	2	0	0	0	0	6	2	0	0	64
MEDFORD	1956	1486	76	1428	96	54	4	4	<1	0	0	58	4	4	0	83
MEDWAY	394	236	60	231	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	61
MELROSE	1035	836	81	804	96	31	4	NS	NS	0	0	32	4	NS	NS	86
MENDON	175	72	41	70	97	NS	NS	0	0	0	0	NS	NS	0	0	39
MERRIMAC	120	94	78	91	97	NS	NS	0	0	0	0	NS	NS	0	0	58

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
METHUEN	1844	1297	70	1262	97	30	2	5	<1	0	0	35	3	5	0	65
MIDDLEBOROUGH	833	560	67	535	96	22	4	NS	NS	0	0	25	4	NS	NS	54
MIDDLEFIELD	14	4	29	NS	NS	0	0	0	0	0	0	0	0	0	0	43
MIDDLETON	217	162	75	160	99	NS	NS	0	0	NS	NS	NS	NS	NS	NS	47
MILFORD	1226	767	63	732	95	32	4	NS	NS	0	0	35	5	NS	NS	67
MILLBURY	458	290	63	281	97	6	2	NS	NS	0	0	9	3	NS	NS	69
MILLIS	271	190	70	183	96	6	3	NS	NS	0	0	7	4	NS	NS	62
MILLVILLE	97	56	58	55	98	NS	NS	0	0	0	0	NS	NS	0	0	55
MILTON	961	736	77	722	98	11	1	NS	NS	0	0	14	2	NS	NS	83
MONROE	0	1	>99	NS	NS	0	0	0	0	0	0	0	0	0	0	68
MONSON	216	154	71	145	94	8	5	NS	NS	0	0	9	6	NS	NS	59
MONTAGUE	281	176	63	167	95	9	5	0	0	0	0	9	5	0	0	77
MONTEREY	32	7	22	NS	NS	NS	NS	NS	NS	0	0	NS	NS	NS	NS	54
MONTGOMERY	29	9	31	8	89	0	0	NS	NS	0	0	NS	NS	NS	NS	51
MOUNT WASHINGTON	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
NAHANT	66	54	82	51	94	NS	NS	0	0	0	0	NS	NS	0	0	91
NANTUCKET	473	168	36	153	91	14	8	NS	NS	0	0	15	9	0	0	39
NATICK	1426	1042	73	1029	99	11	1	NS	NS	0	0	13	1	NS	NS	70
NEEDHAM	1162	903	78	888	98	14	2	NS	NS	0	0	15	2	NS	NS	74
NEW ASHFORD	4	2	50	NS	NS	0	0	0	0	0	0	0	0	0	0	56
NEW BEDFORD	4402	3713	84	3393	91	285	8	32	1	3	<1	320	9	32	1	85
NEW BRAintree	31	21	68	21	100	0	0	0	0	0	0	0	0	0	0	50
NEW MARLBOROUGH	34	16	47	14	88	NS	NS	0	0	0	0	NS	NS	0	0	64
NEW SALEM	24	10	42	8	80	NS	NS	0	0	0	0	NS	NS	0	0	56
NEWBURY	187	83	44	77	93	NS	NS	NS	NS	0	0	6	7	NS	NS	57
NEWBURYPORT	569	355	62	339	95	15	4	NS	NS	0	0	16	5	NS	NS	74
NEWTON	2985	2179	73	2142	98	33	2	2	<1	2	<1	37	2	4	0	83
NORFOLK	288	257	89	252	98	NS	NS	0	0	0	0	NS	NS	0	0	43
NORTH ADAMS	488	439	90	399	91	37	8	NS	NS	0	0	40	9	NS	NS	87
NORTH ANDOVER	1047	710	68	691	97	18	3	NS	NS	0	0	19	3	NS	NS	59

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
NORTH ATTLEBORO	1170	747	64	725	97	21	3	NS	NS	0	0	22	3	NS	NS	58
NORTH BROOKFIELD	178	91	51	89	98	0	0	NS	NS	0	0	NS	NS	NS	NS	73
NORTH READING	453	371	82	360	97	9	2	NS	NS	0	0	11	3	NS	NS	56
NORTHAMPTON	698	515	74	501	97	13	3	NS	NS	0	0	14	3	NS	NS	79
NORTHBOROUGH	389	317	81	310	98	NS	NS	NS	NS	0	0	7	2	NS	NS	55
NORTHBRIDGE	671	304	45	295	97	8	3	NS	NS	0	0	9	3	NS	NS	66
NORTHFIELD	69	55	80	52	95	NS	NS	0	0	0	0	NS	NS	0	0	68
NORTON	581	439	76	433	99	6	1	0	0	0	0	6	1	0	0	48
NORWELL	369	287	78	284	99	NS	NS	0	0	0	0	NS	NS	0	0	69
NORWOOD	1167	878	75	852	97	23	3	NS	NS	NS	NS	26	3	NS	NS	78
OAK BLUFFS	177	42	24	36	86	NS	NS	NS	NS	0	0	6	14	NS	NS	54
OAKHAM	36	29	81	29	100	0	0	0	0	0	0	0	0	0	0	47
ORANGE	288	113	39	101	89	11	10	NS	NS	0	0	12	11	NS	NS	68
ORLEANS	103	59	57	58	98	NS	NS	0	0	0	0	NS	NS	0	0	57
OTIS	47	19	40	18	95	NS	NS	0	0	0	0	NS	NS	0	0	61

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
OXFORD	507	359	71	353	98	6	2	0	0	0	0	6	2	0	0	68
PALMER	345	294	85	266	90	23	8	NS	NS	NS	NS	28	10	NS	NS	72
PAXTON	156	71	46	69	97	NS	NS	0	0	0	0	NS	NS	0	0	71
PEABODY	1561	1333	85	1303	98	28	2	2	<1	0	0	30	2	2	0	67
PELHAM	37	33	89	32	97	NS	NS	0	0	0	0	NS	NS	0	0	61
PEMBROKE	612	495	81	486	98	8	2	NS	NS	0	0	9	2	NS	NS	58
PEPPERELL	357	181	51	177	98	NS	NS	0	0	0	0	NS	NS	0	0	49
PERU	18	8	44	8	100	0	0	0	0	0	0	0	0	0	0	39
PETERSHAM	36	8	22	8	100	0	0	0	0	0	0	0	0	0	0	67
PHILLIPSTON	44	11	25	11	100	0	0	0	0	0	0	0	0	0	0	47
PITTSFIELD	1676	1227	73	1159	94	57	5	10	1	1	<1	68	6	11	1	81
PLAINFIELD	22	16	73	16	100	0	0	0	0	0	0	0	0	0	0	65
PLAINVILLE	301	226	75	224	99	NS	NS	0	0	0	0	NS	NS	0	0	59
PLYMOUTH	2023	1162	57	1133	98	28	2	NS	NS	0	0	29	2	NS	NS	54
PLYMPTON	70	55	79	53	96	NS	NS	0	0	0	0	NS	NS	0	0	54

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
PRINCETON	82	46	56	44	96	NS	NS	0	0	0	0	NS	NS	0	0	63
PROVINCETOWN	38	22	58	22	100	0	0	0	0	0	0	0	0	0	0	70
QUINCY	3277	2681	82	2575	96	98	4	6	<1	2	<1	106	4	8	0	74
RANDOLPH	1235	940	76	920	98	19	2	NS	NS	0	0	20	2	NS	NS	72
RAYNHAM	493	389	79	381	98	8	2	0	0	0	0	8	2	0	0	47
READING	951	577	61	553	96	24	4	0	0	0	0	24	4	0	0	74
REHOBOTH	342	198	58	192	97	6	3	0	0	0	0	6	3	0	0	55
REVERE	2175	2004	92	1942	97	62	3	0	0	0	0	62	3	0	0	73
RICHMOND	14	12	86	12	100	0	0	0	0	0	0	0	0	0	0	71
ROCHESTER	138	100	72	97	97	NS	NS	0	0	0	0	NS	NS	0	0	40
ROCKLAND	715	526	74	506	96	20	4	0	0	0	0	20	4	0	0	69
ROCKPORT	138	122	88	113	93	7	6	NS	NS	0	0	9	7	NS	NS	78
ROWE	15	5	33	NS	NS	0	0	0	0	0	0	0	0	0	0	73
ROWLEY	195	150	77	145	97	NS	NS	NS	NS	0	0	NS	NS	NS	NS	50
ROYALSTON	36	13	36	11	85	NS	NS	0	0	0	0	NS	NS	0	0	66

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
RUSSELL	65	35	54	34	97	NS	NS	0	0	0	0	NS	NS	0	0	72
RUTLAND	314	168	54	165	98	NS	NS	0	0	0	0	NS	NS	0	0	43
SALEM	1496	1283	86	1222	95	55	4	5	<1	1	<1	61	5	5	0	78
SALISBURY	230	159	69	154	97	NS	NS	0	0	0	0	NS	NS	0	0	59
SANDISFIELD	31	9	29	8	89	NS	NS	0	0	0	0	NS	NS	0	0	52
SANDWICH	539	391	73	386	99	NS	NS	0	0	0	0	NS	NS	0	0	46
SAUGUS	773	624	81	604	97	18	3	NS	NS	0	0	20	3	NS	NS	73
SAVOY	17	10	59	10	100	0	0	0	0	0	0	0	0	0	0	48
SCITUATE	555	426	77	420	99	6	1	0	0	0	0	6	1	0	0	73
SEEKONK	329	226	69	217	96	9	4	0	0	0	0	9	4	0	0	65
SHARON	504	335	66	329	98	6	2	0	0	0	0	6	2	0	0	60
SHEFFIELD	66	58	88	52	90	NS	NS	NS	NS	0	0	6	10	0	0	68
SHELBURNE	48	64	>99	55	86	7	11	NS	NS	0	0	9	14	NS	NS	83
SHERBORN	91	81	89	78	96	NS	NS	0	0	0	0	NS	NS	0	0	73
SHIRLEY	209	104	50	101	97	NS	NS	0	0	0	0	NS	NS	0	0	47

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
SHREWSBURY	1244	910	73	879	97	30	3	0	0	NS	NS	31	3	NS	NS	56
SHUTESBURY	45	27	60	26	96	0	0	NS	NS	0	0	NS	NS	NS	NS	49
SOMERSET	534	334	63	321	96	11	3	NS	NS	0	0	13	4	NS	NS	77
SOMERVILLE	2259	1807	80	1724	95	74	4	9	<1	0	0	83	5	8	0	88
SOUTH HADLEY	423	321	76	311	97	7	2	NS	NS	0	0	10	3	NS	NS	72
SOUTHAMPTON	164	114	70	112	98	NS	NS	0	0	0	0	NS	NS	0	0	48
SOUTHBOROUGH	280	219	78	212	97	7	3	0	0	0	0	7	3	0	0	50
SOUTHBRIDGE	643	452	70	431	95	20	4	NS	NS	0	0	21	5	NS	NS	80
SOUTHWICK	249	184	74	179	97	NS	NS	0	0	0	0	NS	NS	0	0	53
SPENCER	380	306	81	297	97	7	2	NS	NS	0	0	9	3	NS	NS	71
SPRINGFIELD	7324	5712	78	5257	92	395	7	51	1	9	<1	455	8	57	1	85
STERLING	242	151	62	150	99	NS	NS	0	0	0	0	NS	NS	0	0	59
STOCKBRIDGE	27	20	74	20	100	0	0	0	0	0	0	0	0	0	0	77
STONEHAM	652	535	82	503	94	31	6	NS	NS	0	0	32	6	0	0	73
STOUGHTON	969	681	70	664	98	15	2	NS	NS	NS	NS	17	2	NS	NS	71

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
STOW	248	137	55	133	97	NS	NS	NS	NS	0	0	NS	NS	NS	NS	55
STURBRIDGE	424	231	54	230	100	NS	NS	0	0	0	0	NS	NS	0	0	41
SUDBURY	552	369	67	368	100	NS	NS	0	0	0	0	NS	NS	0	0	61
SUNDERLAND	84	58	69	55	95	NS	NS	0	0	0	0	NS	NS	0	0	63
SUTTON	238	173	73	171	99	NS	NS	0	0	0	0	NS	NS	0	0	47
SWAMPSCOTT	473	362	77	354	98	7	2	NS	NS	0	0	8	2	NS	NS	86
SWANSEA	451	334	74	327	98	6	2	NS	NS	0	0	7	2	NS	NS	68
TAUNTON	2208	1695	77	1608	95	77	5	10	1	0	0	87	5	6	0	65
TEMPLETON	305	171	56	163	95	7	4	NS	NS	0	0	8	5	NS	NS	58
TEWKSBURY	888	668	75	642	96	26	4	0	0	0	0	26	4	0	0	52
TISBURY	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
TOLLAND	15	1	7	NS	NS	0	0	0	0	0	0	0	0	0	0	48
TOPSFIELD	141	142	>99	138	97	NS	NS	0	0	0	0	NS	NS	0	0	77
TOWNSEND	272	147	54	138	94	8	5	NS	NS	0	0	9	6	NS	NS	59
TRURO	36	11	31	11	100	0	0	0	0	0	0	0	0	0	0	53

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
TYNGSBOROUGH	323	252	78	246	98	NS	NS	NS	NS	0	0	6	2	NS	NS	37
TYRINGHAM	2	3	>99	NS	NS	NS	NS	NS	NS	0	0	NS	NS	NS	NS	59
UPTON	226	129	57	127	98	NS	NS	0	0	0	0	NS	NS	0	0	53
UXBRIDGE	502	213	42	212	100	NS	NS	0	0	0	0	NS	NS	0	0	50
WAKEFIELD	891	677	76	649	96	28	4	0	0	0	0	28	4	0	0	82
WALES	71	28	39	27	96	NS	NS	0	0	0	0	NS	NS	0	0	59
WALPOLE	792	618	78	613	99	NS	NS	NS	NS	0	0	NS	NS	0	0	56
WALTHAM	2149	1662	77	1616	97	38	2	7	<1	1	<1	46	3	8	0	76
WARE	406	253	62	229	91	20	8	NS	NS	0	0	24	9	NS	NS	65
WAREHAM	764	546	71	520	95	23	4	NS	NS	NS	NS	26	5	NS	NS	71
WARREN	189	105	56	93	89	7	7	NS	NS	0	0	12	11	NS	NS	63
WARWICK	16	16	100	15	94	NS	NS	0	0	0	0	NS	NS	0	0	64
WASHINGTON	12	12	100	12	100	0	0	0	0	0	0	0	0	0	0	52
WATERTOWN	1257	852	68	831	98	19	2	NS	NS	0	0	21	2	NS	NS	83
WAYLAND	366	327	89	323	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	77

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

Calendar Year 2012: January 01, 2012- December 31, 2012

Community	Population 9-47 mo. ¹	Total Screened	Percent Screened	Blood Lead Levels ² (µg/dL)								Confirmed and Unconfirmed ³ ≥5		Confirmed Elevated ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
WEBSTER	664	463	70	428	92	32	7	NS	NS	0	0	35	8	NS	NS	75
WELLESLEY	967	721	75	713	99	8	1	0	0	0	0	8	1	0	0	81
WELLFLEET	52	32	62	31	97	NS	NS	0	0	0	0	NS	NS	0	0	56
WENDELL	23	10	43	7	70	NS	NS	NS	NS	0	0	NS	NS	NS	NS	58
WENHAM	82	68	83	66	97	NS	NS	0	0	0	0	NS	NS	0	0	74
WEST BOYLSTON	168	136	81	132	97	NS	NS	0	0	0	0	NS	NS	0	0	68
WEST BRIDGEWATER	195	138	71	134	97	NS	NS	0	0	0	0	NS	NS	0	0	73
WEST BROOKFIELD	94	76	81	74	97	NS	NS	0	0	0	0	NS	NS	0	0	61
WEST NEWBURY	113	68	60	65	96	NS	NS	0	0	0	0	NS	NS	0	0	57
WEST SPRINGFIELD	1107	871	79	811	93	59	7	NS	NS	0	0	60	7	NS	NS	80
WEST STOCKBRIDGE	18	19	>99	18	95	NS	NS	0	0	0	0	NS	NS	0	0	61
WEST TISBURY	79	12	15	10	83	NS	NS	0	0	0	0	NS	NS	0	0	29
WESTBOROUGH	672	534	79	519	97	14	3	NS	NS	0	0	15	3	NS	NS	56
WESTFIELD	1428	938	66	872	93	61	7	NS	NS	NS	NS	66	7	NS	NS	73
WESTFORD	580	385	66	382	99	NS	NS	0	0	0	0	NS	NS	0	0	43

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
WESTHAMPTON	48	23	48	23	100	0	0	0	0	0	0	0	0	0	0	54
WESTMINSTER	191	129	68	125	97	NS	NS	0	0	0	0	NS	NS	0	0	59
WESTON	286	202	71	197	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	68
WESTPORT	409	288	70	278	97	10	3	0	0	0	0	10	3	0	0	62
WESTWOOD	448	346	77	344	99	NS	NS	0	0	0	0	NS	NS	0	0	70
WEYMOUTH	2086	1570	75	1527	97	39	2	3	<1	1	<1	43	3	4	0	76
WHATELY	41	11	27	10	91	0	0	NS	NS	0	0	NS	NS	NS	NS	64
WHITMAN	650	434	67	418	96	15	3	NS	NS	0	0	16	4	NS	NS	79
WILBRAHAM	348	275	79	269	98	NS	NS	NS	NS	0	0	6	2	NS	NS	72
WILLIAMSBURG	74	84	>99	83	99	0	0	NS	NS	0	0	NS	NS	NS	NS	69
WILLIAMSTOWN	142	136	96	126	93	9	7	NS	NS	0	0	10	7	NS	NS	82
WILMINGTON	816	554	68	530	96	23	4	NS	NS	0	0	24	4	0	0	58
WINCHENDON	324	202	62	186	92	15	7	NS	NS	0	0	16	8	NS	NS	58
WINCHESTER	858	665	78	641	96	24	4	0	0	0	0	24	4	0	0	80
WINDSOR	10	10	100	10	100	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

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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 Elevated ≥10 ⁴		Percent Pre-1978 Housing Units ⁵
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
WINTHROP	571	439	77	419	95	19	4	NS	NS	0	0	20	5	NS	NS	89
WOBURN	1540	1212	79	1034	85	174	14	3	<1	1	<1	178	15	4	0	72
WORCESTER	7883	6083	77	5747	94	306	5	29	<1	1	<1	336	6	26	0	79
WORTHINGTON	17	12	71	11	92	NS	NS	0	0	0	0	NS	NS	0	0	67
WRENTHAM	330	258	78	255	99	NS	NS	0	0	0	0	NS	NS	0	0	46
YARMOUTH	665	427	64	415	97	12	3	0	0	0	0	12	3	0	0	64
Total for MA	235,236	175,751	75	168,445	96	6,606	4	634	<1	66	<1	7,306	4	654	<1	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 is obtained from 2012 extrapolations of the US Census Bureau's 2000 and 2010 population estimates and includes children 9 to 47 months of age.

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 because MA CLPPP recommends but does not require confirmation of capillary blood lead specimens below 10 µg/dL.

⁴MA CLPPP defines a confirmed elevated blood lead level as a single venous blood specimen ≥10 µg/dL or 2 capillary blood specimens ≥10 µg/dL drawn within 12 weeks of each other.

⁵Percentage of housing units built prior to 1978 as estimated by the 2010-2014 American Community Survey.