

Screening and Prevalence Statistics **2014 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 2014 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 2014 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.

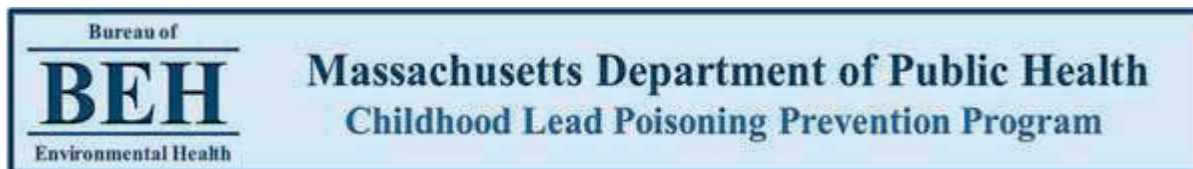
The blood lead categories include both confirmed and unconfirmed blood lead specimens. A confirmed blood lead specimen is either a single venous blood lead specimen of any value, or the higher of two capillary blood lead specimens ≥ 10 µg/dL drawn within 12 weeks of each other. A single capillary blood 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: The percentage of all housing units built prior to 1978, according to the American Housing 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 2014: January 01, 2014- December 31, 2014

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	608	495	81	482	97	13	3	0	0	0	0	13	3	0	0	79
ACTON	642	420	65	417	99	3	1	0	0	0	0	3	1	0	0	71
ACUSHNET	282	243	86	238	98	5	2	0	0	0	0	5	2	0	0	74
ADAMS	232	194	84	168	87	24	12	2	1	0	0	26	13	1	1	92
AGAWAM	817	651	80	640	98	11	2	0	0	0	0	11	2	0	0	73
ALFORD	7	1	14	1	100	0	0	0	0	0	0	0	0	0	0	71
AMESBURY	606	347	57	338	97	9	3	0	0	0	0	9	3	0	0	74
AMHERST	511	327	64	323	99	3	1	1	<1	0	0	4	1	1	<1	71
ANDOVER	971	689	71	676	98	10	1	3	<1	0	0	13	2	3	<1	73
ARLINGTON	1891	1505	80	1485	99	17	1	3	<1	0	0	20	1	3	<1	94
ASHBURNHAM	209	101	48	94	93	6	6	1	1	0	0	7	7	1	1	66
ASHBY	95	48	51	47	98	1	2	0	0	0	0	1	2	0	0	72
ASHFIELD	38	28	74	26	93	0	0	1	4	1	4	2	7	2	7	74
ASHLAND	772	562	73	557	99	4	1	1	<1	0	0	5	1	1	<1	53
ATHOL	433	173	40	165	95	6	3	2	1	0	0	8	5	1	1	81

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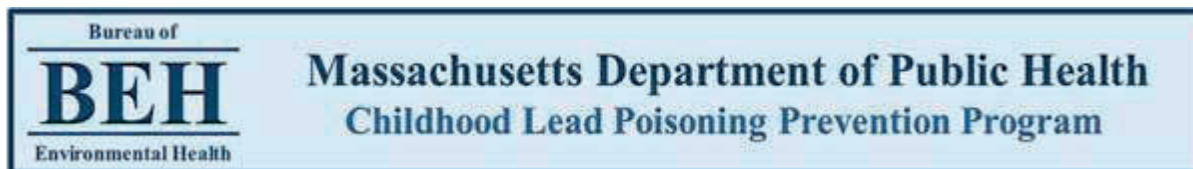
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				N	%	N	%	N	%	N	%	N	%	N	%	
ATTLEBORO	1758	1357	77	1299	96	51	4	6	<1	1	<1	58	4	7	1	71
AUBURN	511	412	81	407	99	5	1	0	0	0	0	5	1	0	0	74
AVON	145	122	84	117	96	3	2	2	2	0	0	5	4	2	2	91
AYER	330	180	55	180	100	0	0	0	0	0	0	0	0	0	0	73
BARNSTABLE	1298	1008	78	984	98	22	2	2	<1	0	0	24	2	0	0	58
BARRE	170	85	50	83	98	2	2	0	0	0	0	2	2	0	0	67
BECKET	51	40	78	38	95	1	2	1	2	0	0	2	5	1	2	64
BEDFORD	446	527	>99	524	99	2	<1	1	<1	0	0	3	1	1	<1	76
BELCHERTOWN	518	324	63	321	99	3	1	0	0	0	0	3	1	0	0	47
BELLINGHAM	704	344	49	343	100	1	<1	0	0	0	0	1	<1	0	0	73
BELMONT	1065	666	63	658	99	7	1	1	<1	0	0	8	1	1	<1	97
BERKLEY	166	162	98	155	96	6	4	1	1	0	0	7	4	1	1	41
BERLIN	78	56	72	53	95	2	4	1	2	0	0	3	5	1	2	72
BERNARDSTON	51	28	55	27	96	1	4	0	0	0	0	1	4	0	0	67
BEVERLY	1296	999	77	972	97	25	3	1	<1	1	<1	27	3	1	<1	84

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
BILLERICA	1335	952	71	937	98	14	1	0	0	1	<1	15	2	1	<1	75
BLACKSTONE	312	162	52	159	98	3	2	0	0	0	0	3	2	0	0	67
BLANDFORD	22	23	>99	20	87	3	13	0	0	0	0	3	13	0	0	77
BOLTON	164	135	82	133	99	2	1	0	0	0	0	2	1	0	0	53
BOSTON	21270	17852	84	17306	97	446	2	91	1	9	<1	546	3	85	<1	89
BOURNE	495	396	80	391	99	5	1	0	0	0	0	5	1	0	0	67
BOXBOROUGH	98	86	88	85	99	1	1	0	0	0	0	1	1	0	0	56
BOXFORD	119	141	>99	139	99	2	1	0	0	0	0	2	1	0	0	52
BOYLSTON	131	77	59	76	99	1	1	0	0	0	0	1	1	0	0	67
BRAINTREE	1356	1066	79	1060	99	6	1	0	0	0	0	6	1	0	0	84
BREWSTER	204	121	59	119	98	0	0	2	2	0	0	2	2	2	2	43
BRIDGEWATER	620	573	92	557	97	15	3	1	<1	0	0	16	3	1	<1	58
BRIMFIELD	95	61	64	59	97	2	3	0	0	0	0	2	3	0	0	60
BROCKTON	4479	3731	83	3458	93	231	6	40	1	2	<1	273	7	41	1	88
BROOKFIELD	116	67	58	62	93	4	6	1	1	0	0	5	7	1	1	62



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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%	N	%	N	%	
BROOKLINE	2234	1637	73	1613	99	23	1	1	<1	0	0	24	1	1	<1	92
BUCKLAND	53	2	4	2	100	0	0	0	0	0	0	0	0	0	0	81
BURLINGTON	860	710	83	701	99	6	1	3	<1	0	0	9	1	3	<1	75
CAMBRIDGE	2949	2394	81	2356	98	33	1	5	<1	0	0	38	2	5	<1	87
CANTON	773	550	71	544	99	5	1	1	<1	0	0	6	1	1	<1	65
CARLISLE	99	77	78	76	99	1	1	0	0	0	0	1	1	0	0	61
CARVER	332	258	78	253	98	5	2	0	0	0	0	5	2	0	0	45
CHARLEMONT	33	33	100	31	94	2	6	0	0	0	0	2	6	0	0	77
CHARLTON	391	300	77	296	99	4	1	0	0	0	0	4	1	0	0	50
CHATHAM	111	59	53	57	97	2	3	0	0	0	0	2	3	0	0	65
CHELMSFORD	1010	882	87	875	99	6	1	1	<1	0	0	7	1	1	<1	72
CHELSEA	2150	1932	90	1865	97	62	3	4	<1	1	<1	67	3	5	<1	84
CHESHIRE	95	77	81	77	100	0	0	0	0	0	0	0	0	0	0	71
CHESTER	37	24	65	23	96	1	4	0	0	0	0	1	4	0	0	76
CHESTERFIELD	17	16	94	13	81	3	19	0	0	0	0	3	19	0	0	69

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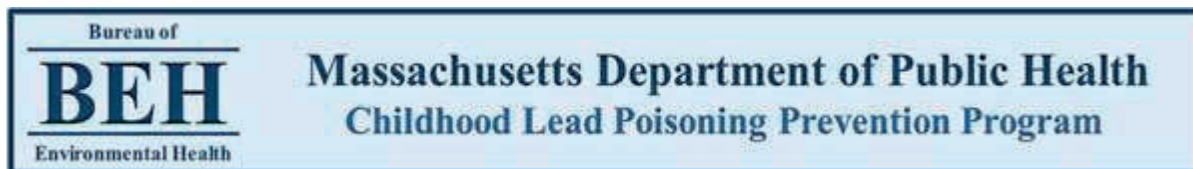
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				N	%	N	%	N	%	N	%	N	%	N	%	
CHICOPEE	2089	1510	72	1468	97	30	2	11	1	1	<1	42	3	12	1	85
CHILMARK	25	16	64	16	100	0	0	0	0	0	0	0	0	0	0	52
CLARKSBURG	58	5	9	5	100	0	0	0	0	0	0	0	0	0	0	85
CLINTON	597	422	71	410	97	9	2	1	<1	2	<1	12	3	3	1	80
COHASSET	276	203	74	201	99	2	1	0	0	0	0	2	1	0	0	83
COLRAIN	23	22	96	22	100	0	0	0	0	0	0	0	0	0	0	73
CONCORD	430	354	82	351	99	3	1	0	0	0	0	3	1	0	0	80
CONWAY	58	24	41	21	88	2	8	1	4	0	0	3	12	1	4	58
CUMMINGTON	17	22	>99	20	91	0	0	2	9	0	0	2	9	2	9	73
DALTON	155	150	97	143	95	6	4	1	1	0	0	7	5	1	1	82
DANVERS	816	768	94	753	98	15	2	0	0	0	0	15	2	0	0	82
DARTMOUTH	678	611	90	598	98	13	2	0	0	0	0	13	2	0	0	68
DEDHAM	873	623	71	615	99	6	1	2	<1	0	0	8	1	2	<1	91
DEERFIELD	128	89	70	87	98	2	2	0	0	0	0	2	2	0	0	77
DENNIS	329	178	54	173	97	5	3	0	0	0	0	5	3	0	0	73

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
DIGHTON	255	160	63	157	98	3	2	0	0	0	0	3	2	0	0	71
DOUGLAS	308	142	46	140	99	2	1	0	0	0	0	2	1	0	0	52
DOVER	116	109	94	109	100	0	0	0	0	0	0	0	0	0	0	76
DRACUT	1022	840	82	834	99	6	1	0	0	0	0	6	1	0	0	62
DUDLEY	322	236	73	228	97	8	3	0	0	0	0	8	3	0	0	71
DUNSTABLE	47	47	100	47	100	0	0	0	0	0	0	0	0	0	0	44
DUXBURY	401	324	81	322	99	2	1	0	0	0	0	2	1	0	0	63
EAST BRIDGEWATER	453	353	78	346	98	5	1	1	<1	1	<1	7	2	1	<1	64
EAST BROOKFIELD	67	45	67	44	98	1	2	0	0	0	0	1	2	0	0	78
EAST LONGMEADOW	435	346	80	339	98	7	2	0	0	0	0	7	2	0	0	76
EASTHAM	74	39	53	38	97	1	3	0	0	0	0	1	3	0	0	54
EASTHAMPTON	487	319	66	310	97	9	3	0	0	0	0	9	3	0	0	80
EASTON	596	598	>99	588	98	10	2	0	0	0	0	10	2	0	0	60
EDGARTOWN	153	83	54	81	98	2	2	0	0	0	0	2	2	0	0	45
EGREMONT	23	3	13	2	67	1	33	0	0	0	0	1	33	0	0	71



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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
ERVING	56	18	32	17	94	1	6	0	0	0	0	1	6	0	0	79
ESSEX	119	67	56	65	97	2	3	0	0	0	0	2	3	0	0	81
EVERETT	2048	1732	85	1663	96	62	4	7	<1	0	0	69	4	7	<1	91
FAIRHAVEN	409	338	83	325	96	11	3	2	1	0	0	13	4	2	1	83
FALL RIVER	3764	2487	66	2396	96	80	3	11	<1	0	0	91	4	9	<1	85
FALMOUTH	807	578	72	564	98	12	2	2	<1	0	0	14	2	1	<1	64
FITCHBURG	1822	1113	61	1062	95	44	4	7	1	0	0	51	5	4	<1	87
FLORIDA	38	4	11	4	100	0	0	0	0	0	0	0	0	0	0	67
FOXBOROUGH	539	454	84	447	98	5	1	2	<1	0	0	7	2	1	<1	69
FRAMINGHAM	3113	1958	63	1918	98	33	2	7	<1	0	0	40	2	6	<1	84
FRANKLIN	1022	640	63	636	99	4	1	0	0	0	0	4	1	0	0	53
FREETOWN	210	181	86	177	98	4	2	0	0	0	0	4	2	0	0	67
GARDNER	828	422	51	396	94	25	6	1	<1	0	0	26	6	1	<1	81
GAY HEAD/AQUINNAH	14	1	7	1	100	0	0	0	0	0	0	0	0	0	0	54
GEORGETOWN	269	227	84	215	95	10	4	2	1	0	0	12	5	1	<1	67

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				N	%	N	%	N	%	N	%	N	%	N	%	
GILL	21	10	48	10	100	0	0	0	0	0	0	0	0	0	0	67
GLOUCESTER	719	673	94	635	94	34	5	4	1	0	0	38	6	3	<1	84
GOSHEN	40	10	25	10	100	0	0	0	0	0	0	0	0	0	0	79
GOSNOLD	0	0		0	0	0	0	0	0	0	0	0	0	0	0	72
GRAFTON	825	499	60	491	98	7	1	1	<1	0	0	8	2	1	<1	65
GRANBY	141	123	87	122	99	1	1	0	0	0	0	1	1	0	0	72
GRANVILLE	33	39	>99	39	100	0	0	0	0	0	0	0	0	0	0	72
GREAT BARRINGTON	153	113	74	102	90	10	9	1	1	0	0	11	10	1	1	83
GREENFIELD	665	382	57	362	95	15	4	5	1	0	0	20	5	5	1	88
GROTON	282	172	61	171	99	1	1	0	0	0	0	1	1	0	0	53
GROVELAND	167	125	75	122	98	3	2	0	0	0	0	3	2	0	0	71
HADLEY	120	71	59	70	99	0	0	1	1	0	0	1	1	1	1	73
HALIFAX	228	220	96	214	97	6	3	0	0	0	0	6	3	0	0	65
HAMILTON	282	244	87	243	100	1	<1	0	0	0	0	1	<1	0	0	76
HAMPDEN	108	76	70	76	100	0	0	0	0	0	0	0	0	0	0	77

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				N	%	N	%	N	%	N	%	N	%	N	%	
HANCOCK	19	3	16	3	100	0	0	0	0	0	0	0	0	0	0	70
HANOVER	405	407	>99	401	99	5	1	1	<1	0	0	6	1	1	<1	66
HANSON	294	265	90	263	99	1	<1	0	0	1	<1	2	1	1	<1	75
HARDWICK	135	42	31	40	95	2	5	0	0	0	0	2	5	0	0	74
HARVARD	88	81	92	79	98	2	2	0	0	0	0	2	2	0	0	71
HARWICH	298	175	59	169	97	5	3	0	0	1	1	6	3	1	1	59
HATFIELD	71	54	76	53	98	1	2	0	0	0	0	1	2	0	0	78
HAVERHILL	2852	1925	67	1860	97	51	3	14	1	0	0	65	3	12	1	70
HAWLEY	5	1	20	0	0	1	100	0	0	0	0	1	100	0	0	74
HEATH	10	6	60	6	100	0	0	0	0	0	0	0	0	0	0	43
HINGHAM	868	715	82	710	99	5	1	0	0	0	0	5	1	0	0	81
HINSDALE	31	47	>99	46	98	1	2	0	0	0	0	1	2	0	0	75
HOLBROOK	381	337	88	331	98	4	1	2	1	0	0	6	2	2	1	81
HOLDEN	635	411	65	408	99	3	1	0	0	0	0	3	1	0	0	73
HOLLAND	62	47	76	46	98	1	2	0	0	0	0	1	2	0	0	73

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				N	%	N	%	N	%	N	%	N	%	N	%	
HOLLISTON	421	338	80	332	98	5	1	1	<1	0	0	6	2	0	0	75
HOLYOKE	1982	1497	76	1450	97	35	2	12	1	0	0	47	3	11	1	85
HOPEDALE	170	116	68	115	99	1	1	0	0	0	0	1	1	0	0	62
HOPKINTON	457	384	84	380	99	3	1	1	<1	0	0	4	1	1	<1	48
HUBBARDSTON	114	67	59	65	97	2	3	0	0	0	0	2	3	0	0	39
HUDSON	712	528	74	518	98	9	2	0	0	1	<1	10	2	1	<1	70
HULL	228	217	95	213	98	4	2	0	0	0	0	4	2	0	0	83
HUNTINGTON	73	57	78	56	98	1	2	0	0	0	0	1	2	0	0	74
IPSWICH	325	215	66	204	95	8	4	3	1	0	0	11	5	3	1	76
KINGSTON	372	304	82	299	98	4	1	1	<1	0	0	5	2	1	<1	56
LAKEVILLE	291	285	98	281	99	3	1	0	0	1	<1	4	1	0	0	53
LANCASTER	195	142	73	137	96	4	3	1	1	0	0	5	4	1	1	76
LANESBOROUGH	97	58	60	55	95	3	5	0	0	0	0	3	5	0	0	76
LAWRENCE	4191	3328	79	3218	97	95	3	14	<1	1	<1	110	3	15	<1	85
LEE	157	110	70	104	95	5	5	1	1	0	0	6	5	1	1	74

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

Calendar Year 2014: January 01, 2014- December 31, 2014

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	314	236	75	230	97	5	2	1	<1	0	0	6	3	1	<1	75
LENOX	121	53	44	53	100	0	0	0	0	0	0	0	0	0	0	73
LEOMINSTER	1415	1173	83	1161	99	10	1	2	<1	0	0	12	1	2	<1	71
LEVERETT	43	31	72	29	94	2	6	0	0	0	0	2	6	0	0	64
LEXINGTON	830	641	77	641	100	0	0	0	0	0	0	0	0	0	0	83
LEYDEN	13	2	15	2	100	0	0	0	0	0	0	0	0	0	0	60
LINCOLN	129	80	62	78	98	2	2	0	0	0	0	2	2	0	0	74
LITTLETON	290	197	68	196	99	0	0	1	1	0	0	1	1	1	1	71
LONGMEADOW	415	295	71	288	98	7	2	0	0	0	0	7	2	0	0	85
LOWELL	5224	3957	76	3824	97	111	3	18	<1	4	<1	133	3	22	1	83
LUDLOW	539	410	76	400	98	7	2	3	1	0	0	10	2	3	1	76
LUNENBURG	318	217	68	216	100	0	0	1	<1	0	0	1	<1	1	<1	74
LYNN	4465	3942	88	3758	95	147	4	33	1	4	<1	184	5	34	1	88
LYNNFIELD	277	321	>99	318	99	3	1	0	0	0	0	3	1	0	0	79
MALDEN	2614	1952	75	1883	96	60	3	8	<1	1	<1	69	4	8	<1	88

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

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
MANCHESTER	141	105	74	105	100	0	0	0	0	0	0	0	0	0	0	87
MANSFIELD	635	586	92	575	98	8	1	2	<1	1	<1	11	2	2	<1	50
MARBLEHEAD	559	468	84	458	98	7	1	3	1	0	0	10	2	3	1	89
MARION	119	91	76	91	100	0	0	0	0	0	0	0	0	0	0	69
MARLBOROUGH	1720	1148	67	1118	97	24	2	6	1	0	0	30	3	6	1	72
MARSHFIELD	794	610	77	604	99	5	1	1	<1	0	0	6	1	0	0	73
MASHPEE	391	301	77	298	99	3	1	0	0	0	0	3	1	0	0	35
MATTAPOISETT	123	109	89	108	99	1	1	0	0	0	0	1	1	0	0	71
MAYNARD	503	290	58	287	99	3	1	0	0	0	0	3	1	0	0	78
MEDFIELD	263	294	>99	294	100	0	0	0	0	0	0	0	0	0	0	69
MEDFORD	1986	1457	73	1422	98	29	2	5	<1	1	<1	35	2	6	<1	89
MEDWAY	345	285	83	282	99	3	1	0	0	0	0	3	1	0	0	58
MELROSE	1006	866	86	844	97	20	2	2	<1	0	0	22	3	2	<1	92
MENDON	158	96	61	95	99	1	1	0	0	0	0	1	1	0	0	53
MERRIMAC	91	123	>99	116	94	7	6	0	0	0	0	7	6	0	0	63

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	%	
METHUEN	1859	1372	74	1353	99	16	1	3	<1	0	0	19	1	3	<1	74
MIDDLEBOROUGH	817	608	74	593	98	14	2	1	<1	0	0	15	2	1	<1	70
MIDDLEFIELD	13	1	8	1	100	0	0	0	0	0	0	0	0	0	0	59
MIDDLETON	203	189	93	187	99	2	1	0	0	0	0	2	1	0	0	52
MILFORD	1225	827	68	801	97	18	2	8	1	0	0	26	3	6	1	75
MILLBURY	452	297	66	293	99	4	1	0	0	0	0	4	1	0	0	78
MILLIS	246	169	69	168	99	1	1	0	0	0	0	1	1	0	0	70
MILLVILLE	89	52	58	48	92	3	6	1	2	0	0	4	8	1	2	58
MILTON	945	784	83	769	98	12	2	3	<1	0	0	15	2	3	<1	91
MONROE	0	4	>99	4	100	0	0	0	0	0	0	0	0	0	0	87
MONSON	198	143	72	143	100	0	0	0	0	0	0	0	0	0	0	69
MONTAGUE	276	156	57	151	97	5	3	0	0	0	0	5	3	0	0	83
MONTEREY	34	11	32	10	91	1	9	0	0	0	0	1	9	0	0	71
MONTGOMERY	30	17	57	17	100	0	0	0	0	0	0	0	0	0	0	67
MOUNT WASHINGTON	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64

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

Calendar Year 2014: January 01, 2014- December 31, 2014

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
NAHANT	59	48	81	44	92	4	8	0	0	0	0	4	8	0	0	89
NANTUCKET	494	170	34	163	96	7	4	0	0	0	0	7	4	0	0	52
NATICK	1405	1134	81	1128	99	6	1	0	0	0	0	6	1	0	0	76
NEEDHAM	1122	923	82	917	99	5	1	1	<1	0	0	6	1	1	<1	83
NEW ASHFORD	3	1	33	1	100	0	0	0	0	0	0	0	0	0	0	79
NEW BEDFORD	4462	3650	82	3465	95	156	4	28	1	1	<1	185	5	26	1	90
NEW BRAINTREE	30	15	50	14	93	1	7	0	0	0	0	1	7	0	0	51
NEW MARLBOROUGH	31	16	52	13	81	3	19	0	0	0	0	3	19	0	0	71
NEW SALEM	22	8	36	8	100	0	0	0	0	0	0	0	0	0	0	63
NEWBURY	167	103	62	103	100	0	0	0	0	0	0	0	0	0	0	68
NEWBURYPORT	556	371	67	353	95	15	4	3	1	0	0	18	5	2	1	82
NEWTON	3007	2108	70	2073	98	31	1	4	<1	0	0	35	2	4	<1	89
NORFOLK	250	242	97	239	99	3	1	0	0	0	0	3	1	0	0	53
NORTH ADAMS	480	402	84	347	86	47	12	8	2	0	0	55	14	6	1	90
NORTH ANDOVER	1014	679	67	667	98	11	2	1	<1	0	0	12	2	1	<1	66

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

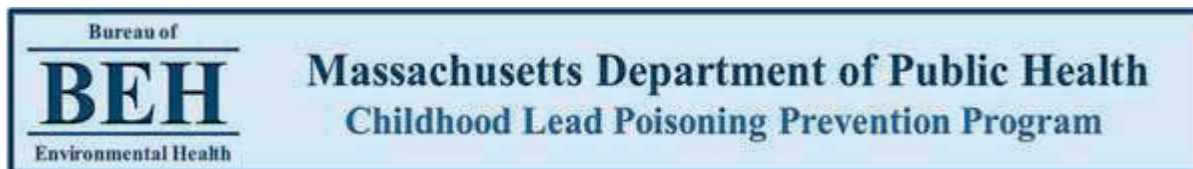
Calendar Year 2014: January 01, 2014- December 31, 2014

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
NORTH ATTLEBORO	1157	734	63	712	97	18	2	4	1	0	0	22	3	4	1	65
NORTH BROOKFIELD	182	94	52	90	96	4	4	0	0	0	0	4	4	0	0	74
NORTH READING	414	360	87	355	99	5	1	0	0	0	0	5	1	0	0	68
NORTHAMPTON	678	503	74	486	97	17	3	0	0	0	0	17	3	0	0	83
NORTHBOROUGH	340	385	>99	382	99	3	1	0	0	0	0	3	1	0	0	62
NORTHBRIDGE	678	321	47	315	98	6	2	0	0	0	0	6	2	0	0	69
NORTHFIELD	61	46	75	45	98	1	2	0	0	0	0	1	2	0	0	70
NORTON	524	433	83	429	99	4	1	0	0	0	0	4	1	0	0	57
NORWELL	352	284	81	283	100	1	<1	0	0	0	0	1	<1	0	0	77
NORWOOD	1182	868	73	857	99	8	1	3	<1	0	0	11	1	3	<1	85
OAK BLUFFS	182	33	18	32	97	0	0	1	3	0	0	1	3	1	3	51
OAKHAM	33	33	100	32	97	1	3	0	0	0	0	1	3	0	0	51
ORANGE	290	83	29	76	92	5	6	2	2	0	0	7	8	1	1	75
ORLEANS	102	67	66	64	96	2	3	1	1	0	0	3	4	1	1	60
OTIS	49	23	47	21	91	2	9	0	0	0	0	2	9	0	0	70

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
OXFORD	498	332	67	330	99	1	<1	1	<1	0	0	2	1	1	<1	69
PALMER	327	276	84	265	96	8	3	3	1	0	0	11	4	3	1	77
PAXTON	158	51	32	50	98	1	2	0	0	0	0	1	2	0	0	74
PEABODY	1525	1344	88	1323	98	21	2	0	0	0	0	21	2	0	0	81
PELHAM	37	31	84	31	100	0	0	0	0	0	0	0	0	0	0	69
PEMBROKE	567	465	82	463	100	2	<1	0	0	0	0	2	<1	0	0	67
PEPPERELL	322	171	53	168	98	3	2	0	0	0	0	3	2	0	0	56
PERU	17	14	82	14	100	0	0	0	0	0	0	0	0	0	0	63
PETERSHAM	36	18	50	16	89	2	11	0	0	0	0	2	11	0	0	79
PHILLIPSTON	42	10	24	10	100	0	0	0	0	0	0	0	0	0	0	56
PITTSFIELD	1662	1200	72	1133	94	55	5	12	1	0	0	67	6	7	1	89
PLAINFIELD	22	10	45	10	100	0	0	0	0	0	0	0	0	0	0	64
PLAINVILLE	293	222	76	215	97	7	3	0	0	0	0	7	3	0	0	64
PLYMOUTH	1985	1018	51	1009	99	9	1	0	0	0	0	9	1	0	0	63
PLYMPTON	65	59	91	59	100	0	0	0	0	0	0	0	0	0	0	58



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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%	N	%	N	%	
PRINCETON	74	53	72	52	98	0	0	1	2	0	0	1	2	1	2	57
PROVINCETOWN	38	10	26	10	100	0	0	0	0	0	0	0	0	0	0	79
QUINCY	3331	2845	85	2790	98	47	2	6	<1	2	<1	55	2	7	<1	82
RANDOLPH	1243	914	74	899	98	14	2	1	<1	0	0	15	2	1	<1	76
RAYNHAM	489	390	80	379	97	10	3	1	<1	0	0	11	3	1	<1	62
READING	927	646	70	635	98	9	1	1	<1	1	<1	11	2	2	<1	79
REHOBOTH	335	198	59	192	97	6	3	0	0	0	0	6	3	0	0	62
REVERE	2244	1984	88	1938	98	40	2	6	<1	0	0	46	2	5	<1	79
RICHMOND	8	13	>99	12	92	1	8	0	0	0	0	1	8	0	0	77
ROCHESTER	131	108	82	106	98	2	2	0	0	0	0	2	2	0	0	55
ROCKLAND	700	530	76	517	98	12	2	1	<1	0	0	13	2	1	<1	71
ROCKPORT	119	123	>99	114	93	8	7	1	1	0	0	9	7	1	1	82
ROWE	16	4	25	4	100	0	0	0	0	0	0	0	0	0	0	80
ROWLEY	183	133	73	131	98	2	2	0	0	0	0	2	2	0	0	59
ROYALSTON	35	7	20	7	100	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	%	
RUSSELL	63	37	59	34	92	3	8	0	0	0	0	3	8	0	0	76
RUTLAND	311	193	62	193	100	0	0	0	0	0	0	0	0	0	0	58
SALEM	1502	1249	83	1198	96	47	4	4	<1	0	0	51	4	4	<1	85
SALISBURY	216	183	85	180	98	3	2	0	0	0	0	3	2	0	0	70
SANDISFIELD	31	12	39	11	92	1	8	0	0	0	0	1	8	0	0	63
SANDWICH	487	423	87	414	98	9	2	0	0	0	0	9	2	0	0	45
SAUGUS	760	657	86	647	98	9	1	1	<1	0	0	10	2	1	<1	78
SAVOY	16	6	38	6	100	0	0	0	0	0	0	0	0	0	0	53
SCITUATE	513	482	94	478	99	3	1	1	<1	0	0	4	1	0	0	82
SEEKONK	306	217	71	214	99	3	1	0	0	0	0	3	1	0	0	74
SHARON	455	425	93	423	100	2	<1	0	0	0	0	2	<1	0	0	69
SHEFFIELD	57	61	>99	55	90	4	7	2	3	0	0	6	10	1	2	68
SHELBURNE	47	74	>99	68	92	5	7	1	1	0	0	6	8	1	1	81
SHERBORN	72	80	>99	77	96	3	4	0	0	0	0	3	4	0	0	78
SHIRLEY	201	117	58	116	99	0	0	1	1	0	0	1	1	1	1	62

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
SHREWSBURY	1185	1035	87	1024	99	10	1	1	<1	0	0	11	1	1	<1	59
SHUTESBURY	43	25	58	24	96	1	4	0	0	0	0	1	4	0	0	61
SOMERSET	538	341	63	335	98	6	2	0	0	0	0	6	2	0	0	85
SOMERVILLE	2258	1959	87	1916	98	34	2	9	<1	0	0	43	2	9	<1	93
SOUTH HADLEY	407	367	90	359	98	6	2	2	1	0	0	8	2	2	1	75
SOUTHAMPTON	161	121	75	115	95	5	4	1	1	0	0	6	5	1	1	54
SOUTHBOROUGH	234	232	99	230	99	2	1	0	0	0	0	2	1	0	0	59
SOUTHBRIDGE	623	476	76	419	88	51	11	6	1	0	0	57	12	6	1	83
SOUTHWICK	228	184	81	180	98	4	2	0	0	0	0	4	2	0	0	62
SPENCER	363	288	79	284	99	3	1	1	<1	0	0	4	1	1	<1	77
SPRINGFIELD	7297	5509	75	5222	95	229	4	55	1	3	<1	287	5	56	1	87
STERLING	229	134	59	133	99	1	1	0	0	0	0	1	1	0	0	58
STOCKBRIDGE	23	23	100	23	100	0	0	0	0	0	0	0	0	0	0	83
STONEHAM	620	556	90	545	98	9	2	2	<1	0	0	11	2	2	<1	79
STOUGHTON	966	788	82	774	98	14	2	0	0	0	0	14	2	0	0	78

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
STOW	234	146	62	144	99	2	1	0	0	0	0	2	1	0	0	67
STURBRIDGE	445	225	51	217	96	8	4	0	0	0	0	8	4	0	0	56
SUDBURY	479	432	90	430	100	1	<1	1	<1	0	0	2	<1	1	<1	70
SUNDERLAND	77	64	83	59	92	5	8	0	0	0	0	5	8	0	0	65
SUTTON	210	190	90	183	96	6	3	1	1	0	0	7	4	1	1	59
SWAMPSCOTT	452	376	83	366	97	7	2	3	1	0	0	10	3	3	1	86
SWANSEA	449	278	62	273	98	5	2	0	0	0	0	5	2	0	0	80
TAUNTON	2150	1715	80	1662	97	46	3	7	<1	0	0	53	3	5	<1	69
TEMPLETON	307	155	50	148	95	6	4	1	1	0	0	7	5	0	0	73
TEWKSBURY	815	679	83	669	99	10	1	0	0	0	0	10	1	0	0	62
TISBURY	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
TOLLAND	15	1	7	1	100	0	0	0	0	0	0	0	0	0	0	46
TOPSFIELD	121	147	>99	146	99	1	1	0	0	0	0	1	1	0	0	79
TOWNSEND	247	133	54	130	98	3	2	0	0	0	0	3	2	0	0	68
TRURO	35	11	31	11	100	0	0	0	0	0	0	0	0	0	0	61

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Calendar Year 2014: January 01, 2014- December 31, 2014

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	%	
TYNGSBOROUGH	271	270	100	268	99	1	<1	1	<1	0	0	2	1	1	<1	47
TYRINGHAM	1	6	>99	6	100	0	0	0	0	0	0	0	0	0	0	67
UPTON	205	136	66	132	97	2	1	2	1	0	0	4	3	2	1	57
UXBRIDGE	487	227	47	221	97	5	2	1	<1	0	0	6	3	1	<1	56
WAKEFIELD	869	679	78	667	98	12	2	0	0	0	0	12	2	0	0	85
WALES	71	30	42	29	97	1	3	0	0	0	0	1	3	0	0	63
WALPOLE	756	689	91	686	100	3	<1	0	0	0	0	3	<1	0	0	65
WALTHAM	2210	1655	75	1601	97	47	3	7	<1	0	0	54	3	4	<1	84
WARE	409	190	46	174	92	9	5	7	4	0	0	16	8	7	4	74
WAREHAM	763	466	61	459	98	6	1	1	<1	0	0	7	2	1	<1	78
WARREN	192	95	49	84	88	5	5	6	6	0	0	11	12	6	6	71
WARWICK	14	6	43	6	100	0	0	0	0	0	0	0	0	0	0	69
WASHINGTON	11	6	55	6	100	0	0	0	0	0	0	0	0	0	0	61
WATERTOWN	1300	789	61	769	97	15	2	5	1	0	0	20	3	3	<1	88
WAYLAND	325	377	>99	374	99	3	1	0	0	0	0	3	1	0	0	81

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

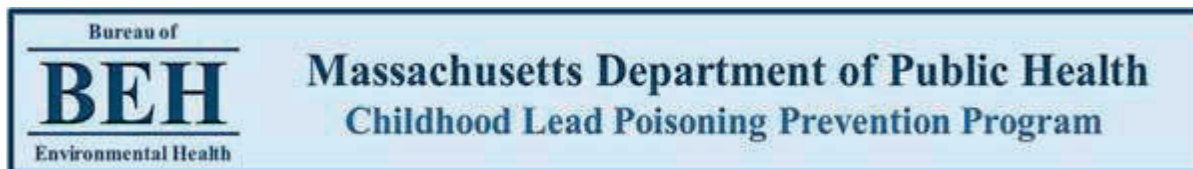
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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
WEBSTER	659	507	77	480	95	23	5	4	1	0	0	27	5	4	1	78
WELLESLEY	912	674	74	666	99	7	1	1	<1	0	0	8	1	1	<1	91
WELLFLEET	48	34	71	31	91	2	6	1	3	0	0	3	9	0	0	64
WENDELL	22	16	73	15	94	1	6	0	0	0	0	1	6	0	0	52
WENHAM	70	94	>99	91	97	3	3	0	0	0	0	3	3	0	0	78
WEST BOYLSTON	162	143	88	139	97	4	3	0	0	0	0	4	3	0	0	79
WEST BRIDGEWATER	185	172	93	167	97	5	3	0	0	0	0	5	3	0	0	79
WEST BROOKFIELD	89	71	80	68	96	2	3	1	1	0	0	3	4	1	1	67
WEST NEWBURY	96	76	79	74	97	1	1	1	1	0	0	2	3	1	1	56
WEST SPRINGFIELD	1115	888	80	857	97	28	3	3	<1	0	0	31	3	3	<1	83
WEST STOCKBRIDGE	15	17	>99	17	100	0	0	0	0	0	0	0	0	0	0	68
WEST TISBURY	78	17	22	16	94	1	6	0	0	0	0	1	6	0	0	41
WESTBOROUGH	640	593	93	578	97	11	2	4	1	0	0	15	3	3	1	65
WESTFIELD	1409	947	67	913	96	29	3	5	1	0	0	34	4	5	1	76
WESTFORD	476	421	88	419	100	2	<1	0	0	0	0	2	<1	0	0	55

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				0-4		5-9		10-24		≥25						
				N	%	N	%	N	%	N	%	N	%	N	%	
WESTHAMPTON	48	17	35	17	100	0	0	0	0	0	0	0	0	0	0	65
WESTMINSTER	178	147	83	144	98	2	1	1	1	0	0	3	2	1	1	67
WESTON	249	201	81	195	97	6	3	0	0	0	0	6	3	0	0	80
WESTPORT	407	295	72	291	99	4	1	0	0	0	0	4	1	0	0	73
WESTWOOD	402	310	77	310	100	0	0	0	0	0	0	0	0	0	0	76
WEYMOUTH	2064	1566	76	1546	99	17	1	3	<1	0	0	20	1	2	<1	82
WHATELY	41	10	24	10	100	0	0	0	0	0	0	0	0	0	0	72
WHITMAN	656	456	70	439	96	16	4	1	<1	0	0	17	4	1	<1	86
WILBRAHAM	325	305	94	299	98	6	2	0	0	0	0	6	2	0	0	76
WILLIAMSBURG	75	67	89	63	94	4	6	0	0	0	0	4	6	0	0	79
WILLIAMSTOWN	136	130	96	126	97	4	3	0	0	0	0	4	3	0	0	83
WILMINGTON	766	568	74	559	98	7	1	2	<1	0	0	9	2	1	<1	65
WINCHENDON	303	205	68	188	92	14	7	3	1	0	0	17	8	3	1	64
WINCHESTER	833	673	81	664	99	8	1	1	<1	0	0	9	1	1	<1	86
WINDSOR	6	11	>99	11	100	0	0	0	0	0	0	0	0	0	0	66



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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%	N	%	N	%	
WINTHROP	567	453	80	437	96	10	2	6	1	0	0	16	4	5	1	93
WOBURN	1566	1177	75	1121	95	52	4	3	<1	1	<1	56	5	4	<1	77
WORCESTER	7996	6037	76	5817	96	188	3	31	1	1	<1	220	4	28	<1	83
WORTHINGTON	13	8	62	8	100	0	0	0	0	0	0	0	0	0	0	71
WRENTHAM	300	259	86	256	99	3	1	0	0	0	0	3	1	0	0	58
YARMOUTH	663	427	64	418	98	8	2	1	<1	0	0	9	2	1	<1	68
Total for MA	231,584	176,969	76	172,000	97	4,227	2	697	<1	45	<1	4,969	3	662	<1	71

Comments:

N = number (counts of children)

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 2014 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 defined by 2010 US Census data.