



***Screening and Prevalence Statistics***  
**2013 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 2013 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 2013 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  $\geq 10$  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  $\geq 10$  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 2013: January 01, 2013- December 31, 2013*

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Confirmed and Unconfirmed ≥5 <sup>3</sup>		Confirmed Elevated ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
ABINGTON	612	476	78	471	99	NS	NS	0	0	0	0	NS	NS	0	0	68
ACTON	664	447	67	442	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	62
ACUSHNET	286	241	84	237	98	NS	NS	0	0	0	0	NS	NS	0	0	61
ADAMS	237	208	88	189	91	16	8	NS	NS	0	0	19	9	NS	NS	92
AGAWAM	831	665	80	654	98	10	2	NS	NS	0	0	11	2	0	0	67
ALFORD	7	1	14	0	0	NS	NS	0	0	0	0	NS	NS	0	0	52
AMESBURY	613	405	66	397	98	8	2	0	0	0	0	8	2	0	0	69
AMHERST	522	353	68	348	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	64
ANDOVER	995	680	68	662	97	17	2	NS	NS	0	0	18	3	0	0	68
ARLINGTON	1874	1485	79	1456	98	26	2	3	<1	0	0	29	2	3	0	91
ASHBURNHAM	209	122	58	117	96	NS	NS	0	0	0	0	NS	NS	0	0	59
ASHBY	96	47	49	45	96	NS	NS	0	0	0	0	NS	NS	0	0	62
ASHFIELD	39	19	49	17	89	NS	NS	NS	NS	0	0	NS	NS	NS	NS	67
ASHLAND	772	549	71	544	99	NS	NS	0	0	0	0	NS	NS	0	0	45
ATHOL	433	187	43	174	93	12	6	NS	NS	0	0	13	7	0	0	77

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
ATTLEBORO	1769	1376	78	1324	96	47	3	5	<1	0	0	52	4	4	0	65
AUBURN	511	401	78	399	100	NS	NS	0	0	0	0	NS	NS	0	0	68
AVON	146	132	90	127	96	NS	NS	0	0	0	0	NS	NS	0	0	86
AYER	331	211	64	206	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	58
BARNSTABLE	1323	969	73	941	97	28	3	0	0	0	0	28	3	0	0	57
BARRE	173	67	39	64	96	NS	NS	0	0	0	0	NS	NS	0	0	64
BECKET	52	41	79	41	100	0	0	0	0	0	0	0	0	0	0	51
BEDFORD	453	488	>99	483	99	NS	NS	0	0	NS	NS	NS	NS	NS	NS	63
BELCHERTOWN	523	312	60	308	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	39
BELLINGHAM	705	377	53	371	98	NS	NS	NS	NS	0	0	6	2	NS	NS	64
BELMONT	1054	662	63	651	98	9	1	NS	NS	0	0	11	2	NS	NS	92
BERKLEY	175	161	92	159	99	NS	NS	0	0	0	0	NS	NS	0	0	34
BERLIN	79	56	71	55	98	0	0	NS	NS	0	0	NS	NS	NS	NS	55
BERNARDSTON	51	37	73	35	95	NS	NS	0	0	0	0	NS	NS	0	0	64
BEVERLY	1319	1048	79	1017	97	31	3	0	0	0	0	31	3	0	0	80

Bureau of <b>BEH</b> Environmental Health	<b>Massachusetts Department of Public Health</b> <b>Childhood Lead Poisoning Prevention Program</b>
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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
BILLERICA	1368	1014	74	999	99	15	1	0	0	0	0	15	1	0	0	66
BLACKSTONE	313	139	44	137	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	56
BLANDFORD	24	24	100	23	96	NS	NS	0	0	0	0	NS	NS	0	0	63
BOLTON	168	128	76	127	99	NS	NS	0	0	0	0	NS	NS	0	0	33
BOSTON	21215	18369	87	17740	97	546	3	71	<1	12	<1	629	3	80	0	81
BOURNE	514	426	83	415	97	11	3	0	0	0	0	11	3	0	0	61
BOXBOROUGH	107	87	81	85	98	NS	NS	0	0	0	0	NS	NS	0	0	48
BOXFORD	138	125	91	120	96	NS	NS	0	0	0	0	NS	NS	0	0	51
BOYLSTON	133	68	51	68	100	0	0	0	0	0	0	0	0	0	0	59
BRAINTREE	1355	1043	77	1030	99	12	1	0	0	NS	NS	13	1	NS	NS	74
BREWSTER	206	123	60	119	97	NS	NS	0	0	NS	NS	NS	NS	NS	NS	38
BRIDGEWATER	649	565	87	559	99	6	1	0	0	0	0	6	1	0	0	50
BRIMFIELD	98	67	68	67	100	0	0	0	0	0	0	0	0	0	0	57
BROCKTON	4475	3741	84	3542	95	177	5	19	1	3	<1	199	5	20	1	83
BROOKFIELD	116	78	67	78	100	0	0	0	0	0	0	0	0	0	0	59

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
BROOKLINE	2197	1644	75	1599	97	44	3	1	<1	0	0	45	3	1	0	88
BUCKLAND	54	4	7	NS	NS	0	0	0	0	0	0	0	0	0	0	69
BURLINGTON	871	713	82	697	98	13	2	NS	NS	0	0	16	2	NS	NS	63
CAMBRIDGE	2930	2528	86	2475	98	51	2	2	<1	0	0	53	2	2	0	78
CANTON	777	579	75	573	99	6	1	0	0	0	0	6	1	0	0	60
CARLISLE	107	59	55	59	100	0	0	0	0	0	0	0	0	0	0	52
CARVER	342	288	84	280	97	7	2	NS	NS	0	0	8	3	NS	NS	40
CHARLEMONT	34	19	56	19	100	0	0	0	0	0	0	0	0	0	0	71
CHARLTON	402	263	65	262	100	NS	NS	0	0	0	0	NS	NS	0	0	39
CHATHAM	112	59	53	58	98	0	0	NS	NS	0	0	NS	NS	NS	NS	60
CHELMSFORD	1046	848	81	836	99	10	1	NS	NS	0	0	12	1	NS	NS	65
CHELSEA	2129	2049	96	1977	96	63	3	7	<1	2	<1	72	4	9	0	79
CHESHIRE	95	74	78	73	99	NS	NS	0	0	0	0	NS	NS	0	0	63
CHESTER	37	18	49	16	89	NS	NS	0	0	0	0	NS	NS	0	0	70
CHESTERFIELD	20	16	80	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	2077	1428	69	1403	98	22	2	3	<1	0	0	25	2	3	0	84
CHILMARK	25	4	16	NS	NS	0	0	0	0	0	0	0	0	0	0	51
CLARKSBURG	57	10	18	10	100	0	0	0	0	0	0	0	0	0	0	78
CLINTON	593	417	70	399	96	18	4	0	0	0	0	18	4	0	0	75
COHASSET	281	206	73	204	99	NS	NS	0	0	0	0	NS	NS	0	0	73
COLRAIN	28	30	>99	29	97	NS	NS	0	0	0	0	NS	NS	0	0	64
CONCORD	444	339	76	336	99	NS	NS	0	0	0	0	NS	NS	0	0	71
CONWAY	57	23	40	21	91	NS	NS	0	0	0	0	NS	NS	0	0	63
CUMMINGTON	17	18	>99	17	94	0	0	NS	NS	0	0	NS	NS	NS	NS	63
DALTON	162	149	92	140	94	8	5	NS	NS	0	0	9	6	NS	NS	82
DANVERS	821	732	89	718	98	12	2	NS	NS	0	0	14	2	NS	NS	71
DARTMOUTH	692	616	89	594	96	20	3	NS	NS	0	0	22	4	NS	NS	60
DEDHAM	878	641	73	629	98	12	2	0	0	0	0	12	2	0	0	74
DEERFIELD	131	89	68	87	98	NS	NS	0	0	0	0	NS	NS	0	0	69
DENNIS	333	182	55	179	98	NS	NS	0	0	0	0	NS	NS	0	0	72

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
DIGHTON	254	129	51	127	98	NS	NS	0	0	0	0	NS	NS	0	0	57
DOUGLAS	314	163	52	157	96	6	4	0	0	0	0	6	4	0	0	50
DOVER	128	118	92	117	99	NS	NS	0	0	0	0	NS	NS	0	0	69
DRACUT	1040	817	79	808	99	9	1	0	0	0	0	9	1	0	0	52
DUDLEY	326	226	69	221	98	NS	NS	0	0	0	0	NS	NS	0	0	64
DUNSTABLE	54	33	61	33	100	0	0	0	0	0	0	0	0	0	0	43
DUXBURY	418	322	77	320	99	NS	NS	0	0	0	0	NS	NS	0	0	63
EAST BRIDGEWATER	464	370	80	360	97	9	2	NS	NS	0	0	10	3	0	0	61
EAST BROOKFIELD	68	60	88	60	100	0	0	0	0	0	0	0	0	0	0	74
EAST LONGMEADOW	440	368	84	361	98	7	2	0	0	0	0	7	2	0	0	67
EASTHAM	79	46	58	45	98	NS	NS	0	0	0	0	NS	NS	0	0	52
EASTHAMPTON	492	320	65	312	98	8	2	0	0	0	0	8	2	0	0	70
EASTON	621	574	92	566	99	8	1	0	0	0	0	8	1	0	0	52
EDGARTOWN	152	107	70	104	97	NS	NS	0	0	0	0	NS	NS	0	0	40
EGREMONT	24	5	21	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	56	23	41	20	87	NS	NS	NS	NS	0	0	NS	NS	NS	NS	66
ESSEX	119	67	56	65	97	NS	NS	0	0	0	0	NS	NS	0	0	74
EVERETT	2006	1651	82	1589	96	56	3	6	<1	0	0	62	4	6	0	89
FAIRHAVEN	414	341	82	330	97	10	3	NS	NS	0	0	11	3	NS	NS	78
FALL RIVER	3765	2550	68	2459	96	82	3	9	<1	0	0	91	4	9	0	83
FALMOUTH	816	664	81	655	99	9	1	0	0	0	0	9	1	0	0	60
FITCHBURG	1815	1171	65	1117	95	49	4	NS	NS	0	0	54	5	NS	NS	75
FLORIDA	37	4	11	NS	NS	0	0	0	0	0	0	0	0	0	0	62
FOXBOROUGH	554	447	81	444	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	59
FRAMINGHAM	3089	2008	65	1962	98	38	2	8	<1	0	0	46	2	8	0	82
FRANKLIN	1076	658	61	650	99	7	1	NS	NS	0	0	8	1	0	0	41
FREETOWN	216	193	89	188	97	NS	NS	0	0	0	0	NS	NS	0	0	63
GARDNER	825	447	54	421	94	23	5	NS	NS	0	0	26	6	NS	NS	77
AQUINNAH	14	2	14	NS	NS	0	0	0	0	0	0	0	0	0	0	40
GEORGETOWN	279	200	72	198	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	23	6	26	6	100	0	0	0	0	0	0	0	0	0	0	56
GLOUCESTER	749	697	93	641	92	50	7	6	1	0	0	56	8	6	1	78
GOSHEN	39	14	36	13	93	0	0	NS	NS	0	0	NS	NS	NS	NS	63
GOSNOLD	0	1	>99	NS	NS	0	0	0	0	0	0	0	0	0	0	82
GRAFTON	817	533	65	529	99	NS	NS	0	0	0	0	NS	NS	0	0	52
GRANBY	147	121	82	121	100	0	0	0	0	0	0	0	0	0	0	71
GRANVILLE	35	32	91	32	100	0	0	0	0	0	0	0	0	0	0	69
GREAT BARRINGTON	157	121	77	108	89	12	10	NS	NS	0	0	13	11	NS	NS	76
GREENFIELD	661	360	54	335	93	20	6	NS	NS	0	0	25	7	NS	NS	81
GROTON	301	198	66	194	98	NS	NS	0	0	0	0	NS	NS	0	0	45
GROVELAND	176	117	66	113	97	NS	NS	0	0	0	0	NS	NS	0	0	61
HADLEY	121	67	55	67	100	0	0	0	0	0	0	0	0	0	0	67
HALIFAX	236	212	90	209	99	NS	NS	0	0	0	0	NS	NS	0	0	67
HAMILTON	288	227	79	225	99	NS	NS	0	0	0	0	NS	NS	0	0	77
HAMPDEN	112	87	78	85	98	NS	NS	0	0	0	0	NS	NS	0	0	72

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
HANCOCK	20	5	25	NS	NS	NS	NS	0	0	0	0	NS	NS	0	0	36
HANOVER	424	374	88	372	99	NS	NS	0	0	0	0	NS	NS	0	0	60
HANSON	305	263	86	259	98	NS	NS	NS	NS	0	0	NS	NS	0	0	63
HARDWICK	132	34	26	32	94	NS	NS	0	0	0	0	NS	NS	0	0	63
HARVARD	97	84	87	83	99	NS	NS	0	0	0	0	NS	NS	0	0	57
HARWICH	299	184	62	179	97	NS	NS	NS	NS	0	0	NS	NS	0	0	60
HATFIELD	73	55	75	54	98	0	0	NS	NS	0	0	NS	NS	NS	NS	74
HAVERHILL	2847	1965	69	1879	96	75	4	10	1	1	<1	86	4	9	0	65
HAWLEY	6	5	83	NS	NS	NS	NS	0	0	0	0	NS	NS	0	0	70
HEATH	11	3	27	NS	NS	0	0	0	0	0	0	0	0	0	0	44
HINGHAM	875	699	80	693	99	NS	NS	NS	NS	0	0	6	1	NS	NS	63
HINSDALE	34	53	>99	53	100	0	0	0	0	0	0	0	0	0	0	69
HOLBROOK	386	347	90	342	99	NS	NS	0	0	0	0	NS	NS	0	0	76
HOLDEN	637	359	56	355	99	NS	NS	0	0	0	0	NS	NS	0	0	63
HOLLAND	64	49	77	47	96	NS	NS	0	0	0	0	NS	NS	0	0	70

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Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Confirmed and Unconfirmed <sup>3</sup> ≥5		Confirmed Elevated ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
HOLLISTON	439	351	80	347	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	75
HOLYOKE	1989	1482	75	1432	97	40	3	9	1	1	<1	50	3	10	1	85
HOPEDALE	178	122	69	122	100	0	0	0	0	0	0	0	0	0	0	61
HOPKINTON	487	414	85	404	98	10	2	0	0	0	0	10	2	0	0	42
HUBBARDSTON	119	66	55	62	94	NS	NS	NS	NS	0	0	NS	NS	0	0	35
HUDSON	717	512	71	506	99	NS	NS	NS	NS	0	0	6	1	NS	NS	63
HULL	240	206	86	205	100	NS	NS	0	0	0	0	NS	NS	0	0	74
HUNTINGTON	73	44	60	43	98	NS	NS	0	0	0	0	NS	NS	0	0	70
IPSWICH	336	262	78	254	97	7	3	NS	NS	0	0	8	3	NS	NS	66
KINGSTON	391	338	86	337	100	NS	NS	0	0	0	0	NS	NS	0	0	51
LAKEVILLE	304	290	95	283	98	7	2	0	0	0	0	7	2	0	0	47
LANCASTER	198	144	73	141	98	NS	NS	0	0	0	0	NS	NS	0	0	75
LANESBOROUGH	96	70	73	68	97	NS	NS	0	0	0	0	NS	NS	0	0	73
LAWRENCE	4185	3366	80	3236	96	111	3	19	1	0	0	130	4	19	1	81
LEE	159	135	85	125	93	9	7	0	0	NS	NS	10	7	NS	NS	73

Bureau of <b>BEH</b> Environmental Health	<b>Massachusetts Department of Public Health</b> <b>Childhood Lead Poisoning Prevention Program</b>
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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
LEICESTER	320	242	76	238	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	69
LENOX	121	71	59	70	99	NS	NS	0	0	0	0	NS	NS	0	0	70
LEOMINSTER	1450	1093	75	1074	98	18	2	NS	NS	0	0	19	2	NS	NS	66
LEVERETT	43	27	63	25	93	NS	NS	NS	NS	0	0	NS	NS	NS	NS	60
LEXINGTON	851	584	69	575	98	8	1	NS	NS	0	0	9	2	NS	NS	74
LEYDEN	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
LINCOLN	156	85	54	82	96	NS	NS	0	0	0	0	NS	NS	0	0	63
LITTLETON	301	187	62	187	100	0	0	0	0	0	0	0	0	0	0	59
LONGMEADOW	428	316	74	308	97	7	2	0	0	NS	NS	8	3	NS	NS	84
LOWELL	5202	4109	79	3932	96	150	4	26	1	1	<1	177	4	27	1	78
LUDLOW	546	401	73	395	99	NS	NS	NS	NS	0	0	6	1	NS	NS	68
LUNENBURG	320	186	58	185	99	0	0	NS	NS	0	0	NS	NS	NS	NS	64
LYNN	4449	3865	87	3683	95	156	4	26	1	0	0	182	5	25	1	88
LYNNFIELD	291	291	100	289	99	NS	NS	0	0	0	0	NS	NS	0	0	75
MALDEN	2581	2044	79	1978	97	62	3	2	<1	2	<1	66	3	4	0	80

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
MANCHESTER	142	102	72	98	96	NS	NS	0	0	0	0	NS	NS	0	0	77
MANSFIELD	689	600	87	595	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	49
MARBLEHEAD	584	506	87	495	98	9	2	NS	NS	0	0	11	2	NS	NS	85
MARION	124	99	80	97	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	57
MARLBOROUGH	1713	1150	67	1126	98	22	2	NS	NS	0	0	24	2	NS	NS	61
MARSHFIELD	826	632	77	628	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	67
MASHPEE	399	299	75	297	99	NS	NS	0	0	0	0	NS	NS	0	0	30
MATTAPOISETT	129	120	93	119	99	NS	NS	0	0	0	0	NS	NS	0	0	72
MAYNARD	502	321	64	319	99	0	0	NS	NS	0	0	NS	NS	NS	NS	77
MEDFIELD	292	304	>99	302	99	NS	NS	0	0	0	0	NS	NS	0	0	64
MEDFORD	1971	1528	78	1490	98	35	2	2	<1	1	<1	38	2	3	0	83
MEDWAY	370	296	80	291	98	NS	NS	0	0	0	0	NS	NS	0	0	61
MELROSE	1021	889	87	858	97	28	3	NS	NS	0	0	31	3	NS	NS	86
MENDON	167	83	50	80	96	NS	NS	0	0	0	0	NS	NS	0	0	39
MERRIMAC	105	98	93	95	97	NS	NS	NS	NS	0	0	NS	NS	NS	NS	58

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%	N	%	N	%	
METHUEN	1852	1335	72	1299	97	35	3	1	<1	0	0	36	3	1	0	65
MIDDLEBOROUGH	825	593	72	574	97	14	2	NS	NS	0	0	19	3	NS	NS	54
MIDDLEFIELD	13	3	23	NS	NS	0	0	0	0	0	0	0	0	0	0	43
MIDDLETON	210	173	82	172	99	NS	NS	0	0	0	0	NS	NS	0	0	47
MILFORD	1226	817	67	785	96	27	3	NS	NS	0	0	32	4	NS	NS	67
MILLBURY	455	286	63	276	97	7	2	NS	NS	0	0	10	3	NS	NS	69
MILLIS	259	184	71	180	98	NS	NS	0	0	0	0	NS	NS	0	0	62
MILLVILLE	93	64	69	61	95	NS	NS	0	0	NS	NS	NS	NS	NS	NS	55
MILTON	953	765	80	755	99	9	1	NS	NS	0	0	10	1	NS	NS	83
MONROE	0	2	>99	NS	NS	0	0	0	0	0	0	0	0	0	0	68
MONSON	207	144	70	141	98	NS	NS	0	0	0	0	NS	NS	0	0	59
MONTAGUE	279	183	66	169	92	12	7	NS	NS	0	0	14	8	NS	NS	77
MONTEREY	33	13	39	11	85	NS	NS	0	0	0	0	NS	NS	0	0	54
MONTGOMERY	29	21	72	20	95	NS	NS	0	0	0	0	NS	NS	0	0	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	63	57	90	54	95	NS	NS	NS	NS	0	0	NS	NS	NS	NS	91
NANTUCKET	484	219	45	213	97	NS	NS	NS	NS	0	0	6	3	NS	NS	39
NATICK	1416	1099	78	1096	100	NS	NS	NS	NS	0	0	NS	NS	NS	NS	70
NEEDHAM	1142	914	80	912	100	NS	NS	0	0	0	0	NS	NS	0	0	74
NEW ASHFORD	4	3	75	NS	NS	0	0	0	0	0	0	0	0	0	0	56
NEW BEDFORD	4432	3732	84	3495	94	203	5	29	1	5	<1	237	6	33	1	85
NEW BRAintree	30	19	63	19	100	0	0	0	0	0	0	0	0	0	0	50
NEW MARLBOROUGH	32	15	47	15	100	0	0	0	0	0	0	0	0	0	0	64
NEW SALEM	23	13	57	13	100	0	0	0	0	0	0	0	0	0	0	56
NEWBURY	177	94	53	92	98	NS	NS	0	0	0	0	NS	NS	0	0	57
NEWBURYPORT	562	375	67	365	97	8	2	NS	NS	0	0	10	3	NS	NS	74
NEWTON	2996	2175	73	2141	98	30	1	4	<1	0	0	34	2	4	0	83
NORFOLK	269	283	>99	279	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	43
NORTH ADAMS	484	412	85	357	87	48	12	6	1	NS	NS	55	13	6	1	87
NORTH ANDOVER	1031	686	67	663	97	21	3	NS	NS	NS	NS	23	3	NS	NS	59

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
NORTH ATTLEBORO	1164	790	68	772	98	16	2	NS	NS	0	0	18	2	NS	NS	58
NORTH BROOKFIELD	180	89	49	86	97	NS	NS	0	0	0	0	NS	NS	0	0	73
NORTH READING	433	351	81	347	99	NS	NS	0	0	0	0	NS	NS	0	0	56
NORTHAMPTON	688	489	71	474	97	13	3	NS	NS	0	0	15	3	NS	NS	79
NORTHBOROUGH	364	354	97	351	99	NS	NS	0	0	0	0	NS	NS	0	0	55
NORTHBRIDGE	675	315	47	310	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	66
NORTHFIELD	65	54	83	52	96	NS	NS	0	0	0	0	NS	NS	0	0	68
NORTON	553	449	81	445	99	NS	NS	0	0	0	0	NS	NS	0	0	48
NORWELL	360	298	83	293	98	NS	NS	0	0	0	0	NS	NS	0	0	69
NORWOOD	1175	912	78	892	98	18	2	NS	NS	0	0	20	2	NS	NS	78
OAK BLUFFS	179	29	16	29	100	0	0	0	0	0	0	0	0	0	0	54
OAKHAM	35	36	>99	36	100	0	0	0	0	0	0	0	0	0	0	47
ORANGE	289	94	33	86	91	8	9	0	0	0	0	8	9	0	0	68
ORLEANS	103	65	63	65	100	0	0	0	0	0	0	0	0	0	0	57
OTIS	48	27	56	25	93	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	502	367	73	363	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	68
PALMER	336	273	81	257	94	12	4	NS	NS	0	0	16	6	NS	NS	72
PAXTON	157	60	38	59	98	NS	NS	0	0	0	0	NS	NS	0	0	71
PEABODY	1543	1340	87	1316	98	23	2	1	<1	0	0	24	2	1	0	67
PELHAM	37	39	>99	39	100	0	0	0	0	0	0	0	0	0	0	61
PEMBROKE	589	529	90	528	100	NS	NS	0	0	0	0	NS	NS	0	0	58
PEPPERELL	340	180	53	176	98	NS	NS	0	0	0	0	NS	NS	0	0	49
PERU	17	11	65	11	100	0	0	0	0	0	0	0	0	0	0	39
PETERSHAM	36	14	39	10	71	NS	NS	0	0	0	0	NS	NS	0	0	67
PHILLIPSTON	43	11	26	10	91	NS	NS	0	0	0	0	NS	NS	0	0	47
PITTSFIELD	1669	1341	80	1267	94	65	5	9	1	0	0	74	6	8	1	81
PLAINFIELD	22	14	64	14	100	0	0	0	0	0	0	0	0	0	0	65
PLAINVILLE	297	210	71	209	100	NS	NS	0	0	0	0	NS	NS	0	0	59
PLYMOUTH	2004	1196	60	1179	99	16	1	NS	NS	0	0	17	1	NS	NS	54
PLYMPTON	68	52	76	50	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	78	51	65	49	96	NS	NS	0	0	0	0	NS	NS	0	0	63
PROVINCETOWN	38	9	24	9	100	0	0	0	0	0	0	0	0	0	0	70
QUINCY	3304	2892	88	2833	98	55	2	4	<1	0	0	59	2	4	0	74
RANDOLPH	1239	967	78	952	98	13	1	NS	NS	0	0	15	2	NS	NS	72
RAYNHAM	491	402	82	393	98	9	2	0	0	0	0	9	2	0	0	47
READING	939	632	67	612	97	19	3	0	0	NS	NS	20	3	NS	NS	74
REHOBOTH	339	202	60	200	99	NS	NS	0	0	0	0	NS	NS	0	0	55
REVERE	2210	1997	90	1953	98	37	2	6	<1	1	<1	44	2	5	0	73
RICHMOND	11	8	73	8	100	0	0	0	0	0	0	0	0	0	0	71
ROCHESTER	134	113	84	111	98	NS	NS	0	0	0	0	NS	NS	0	0	40
ROCKLAND	708	539	76	532	99	NS	NS	NS	NS	0	0	7	1	NS	NS	69
ROCKPORT	128	123	96	115	93	7	6	NS	NS	0	0	8	7	NS	NS	78
ROWE	15	5	33	NS	NS	0	0	0	0	0	0	0	0	0	0	73
ROWLEY	189	135	71	131	97	NS	NS	0	0	0	0	NS	NS	0	0	50
ROYALSTON	35	16	46	12	75	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	64	40	62	38	95	NS	NS	0	0	0	0	NS	NS	0	0	72
RUTLAND	313	150	48	149	99	NS	NS	0	0	0	0	NS	NS	0	0	43
SALEM	1499	1247	83	1208	97	34	3	5	<1	0	0	39	3	4	0	78
SALISBURY	223	172	77	167	97	NS	NS	0	0	0	0	NS	NS	0	0	59
SANDISFIELD	31	10	32	10	100	0	0	0	0	0	0	0	0	0	0	52
SANDWICH	513	428	83	426	100	NS	NS	0	0	0	0	NS	NS	0	0	46
SAUGUS	767	604	79	593	98	8	1	NS	NS	0	0	11	2	NS	NS	73
SAVOY	17	11	65	11	100	0	0	0	0	0	0	0	0	0	0	48
SCITUATE	534	483	90	480	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	73
SEEKONK	317	215	68	207	96	7	3	NS	NS	0	0	8	4	NS	NS	65
SHARON	480	394	82	391	99	NS	NS	0	0	0	0	NS	NS	0	0	60
SHEFFIELD	62	62	100	57	92	NS	NS	0	0	0	0	NS	NS	0	0	68
SHELBURNE	48	69	>99	60	87	9	13	0	0	0	0	9	13	0	0	83
SHERBORN	81	78	96	76	97	0	0	NS	NS	0	0	NS	NS	NS	NS	73
SHIRLEY	205	113	55	109	96	NS	NS	NS	NS	0	0	NS	NS	NS	NS	47

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
SHREWSBURY	1214	948	78	933	98	12	1	NS	NS	0	0	15	2	NS	NS	56
SHUTESBURY	44	23	52	20	87	NS	NS	0	0	0	0	NS	NS	0	0	49
SOMERSET	536	344	64	336	98	7	2	NS	NS	0	0	8	2	0	0	77
SOMERVILLE	2259	1994	88	1939	97	50	3	5	<1	0	0	55	3	5	0	88
SOUTH HADLEY	415	356	86	352	99	NS	NS	NS	NS	0	0	NS	NS	NS	NS	72
SOUTHAMPTON	162	110	68	109	99	NS	NS	0	0	0	0	NS	NS	0	0	48
SOUTHBOROUGH	257	229	89	222	97	7	3	0	0	0	0	7	3	0	0	50
SOUTHBRIDGE	633	439	69	410	93	21	5	8	2	0	0	29	7	8	2	80
SOUTHWICK	238	176	74	171	97	NS	NS	0	0	0	0	NS	NS	0	0	53
SPENCER	372	321	86	313	98	NS	NS	NS	NS	NS	NS	8	2	NS	NS	71
SPRINGFIELD	7311	5655	77	5319	94	273	5	58	1	5	<1	336	6	60	1	85
STERLING	236	137	58	133	97	NS	NS	0	0	0	0	NS	NS	0	0	59
STOCKBRIDGE	25	15	60	15	100	0	0	0	0	0	0	0	0	0	0	77
STONEHAM	636	537	84	524	98	13	2	0	0	0	0	13	2	0	0	73
STOUGHTON	967	730	75	707	97	21	3	NS	NS	0	0	23	3	NS	NS	71

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
STOW	241	145	60	140	97	NS	NS	NS	NS	0	0	NS	NS	NS	NS	55
STURBRIDGE	434	223	51	222	100	NS	NS	0	0	0	0	NS	NS	0	0	41
SUDBURY	516	415	80	410	99	NS	NS	0	0	0	0	NS	NS	0	0	61
SUNDERLAND	80	64	80	62	97	NS	NS	NS	NS	0	0	NS	NS	NS	NS	63
SUTTON	224	181	81	178	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	47
SWAMPSCOTT	463	390	84	374	96	13	3	NS	NS	0	0	16	4	NS	NS	86
SWANSEA	450	264	59	258	98	6	2	0	0	0	0	6	2	0	0	68
TAUNTON	2179	1697	78	1638	97	49	3	10	1	0	0	59	3	10	1	65
TEMPLETON	306	175	57	170	97	NS	NS	0	0	0	0	NS	NS	0	0	58
TEWKSBURY	851	686	81	671	98	15	2	0	0	0	0	15	2	0	0	52
TISBURY	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
TOLLAND	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
TOPSFIELD	131	146	>99	145	99	NS	NS	0	0	0	0	NS	NS	0	0	77
TOWNSEND	260	133	51	131	98	0	0	NS	NS	0	0	NS	NS	NS	NS	59
TRURO	36	12	33	12	100	0	0	0	0	0	0	0	0	0	0	53

Bureau of <b>BEH</b> Environmental Health	<b>Massachusetts Department of Public Health</b> <b>Childhood Lead Poisoning Prevention Program</b>
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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 2013: January 01, 2013- December 31, 2013

Community	Population 9-47 mo. <sup>1</sup>	Total Screened	Percent Screened	Blood Lead Levels <sup>2</sup> (µg/dL)								Confirmed and Unconfirmed ≥5 <sup>3</sup>		Confirmed Elevated ≥10 <sup>4</sup>		Percent Pre-1978 Housing Units <sup>5</sup>
				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
TYNGSBOROUGH	297	274	92	269	98	NS	NS	NS	NS	0	0	NS	NS	NS	NS	37
TYRINGHAM	2	3	>99	NS	NS	0	0	0	0	0	0	0	0	0	0	59
UPTON	215	136	63	134	99	NS	NS	0	0	0	0	NS	NS	0	0	53
UXBRIDGE	494	206	42	205	100	0	0	NS	NS	0	0	NS	NS	NS	NS	50
WAKEFIELD	880	655	74	642	98	12	2	NS	NS	0	0	13	2	NS	NS	82
WALES	71	30	42	29	97	NS	NS	0	0	0	0	NS	NS	0	0	59
WALPOLE	774	657	85	650	99	7	1	0	0	0	0	7	1	0	0	56
WALTHAM	2179	1690	78	1643	97	44	3	3	<1	0	0	47	3	3	0	76
WARE	408	227	56	210	93	13	6	NS	NS	0	0	17	7	NS	NS	65
WAREHAM	763	502	66	486	97	14	3	NS	NS	NS	NS	16	3	NS	NS	71
WARREN	190	80	42	71	89	9	11	0	0	0	0	9	11	0	0	63
WARWICK	15	14	93	12	86	NS	NS	0	0	NS	NS	NS	NS	NS	NS	64
WASHINGTON	12	6	50	6	100	0	0	0	0	0	0	0	0	0	0	52
WATERTOWN	1278	859	67	844	98	14	2	NS	NS	0	0	15	2	NS	NS	83
WAYLAND	346	366	>99	360	98	6	2	0	0	0	0	6	2	0	0	77

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%					
WEBSTER	662	493	74	472	96	19	4	NS	NS	0	0	21	4	NS	NS	75
WELLESLEY	939	729	78	721	99	8	1	0	0	0	0	8	1	0	0	81
WELLFLEET	50	27	54	24	89	NS	NS	0	0	0	0	NS	NS	0	0	56
WENDELL	23	11	48	11	100	0	0	0	0	0	0	0	0	0	0	58
WENHAM	76	80	>99	79	99	NS	NS	0	0	0	0	NS	NS	0	0	74
WEST BOYLSTON	165	128	78	126	98	NS	NS	0	0	0	0	NS	NS	0	0	68
WEST BRIDGEWATER	190	156	82	151	97	NS	NS	0	0	0	0	NS	NS	0	0	73
WEST BROOKFIELD	92	76	83	73	96	NS	NS	0	0	0	0	NS	NS	0	0	61
WEST NEWBURY	105	65	62	63	97	NS	NS	NS	NS	0	0	NS	NS	NS	NS	57
WEST SPRINGFIELD	1111	859	77	826	96	30	3	NS	NS	0	0	33	4	NS	NS	80
WEST STOCKBRIDGE	16	18	>99	16	89	NS	NS	0	0	0	0	NS	NS	0	0	61
WEST TISBURY	79	13	16	13	100	0	0	0	0	0	0	0	0	0	0	29
WESTBOROUGH	656	582	89	568	98	11	2	NS	NS	0	0	14	2	NS	NS	56
WESTFIELD	1418	926	65	876	95	44	5	NS	NS	NS	NS	50	5	NS	NS	73
WESTFORD	528	401	76	399	100	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	18	38	18	100	0	0	0	0	0	0	0	0	0	0	54
WESTMINSTER	185	127	69	125	98	NS	NS	0	0	0	0	NS	NS	0	0	59
WESTON	267	213	80	207	97	6	3	0	0	0	0	6	3	0	0	68
WESTPORT	408	285	70	282	99	NS	NS	0	0	0	0	NS	NS	0	0	62
WESTWOOD	425	354	83	351	99	NS	NS	0	0	0	0	NS	NS	0	0	70
WEYMOUTH	2075	1659	80	1632	98	26	2	1	<1	0	0	27	2	1	0	76
WHATELY	41	14	34	12	86	NS	NS	0	0	0	0	NS	NS	0	0	64
WHITMAN	653	488	75	478	98	10	2	0	0	0	0	10	2	0	0	79
WILBRAHAM	336	284	85	278	98	6	2	0	0	0	0	6	2	0	0	72
WILLIAMSBURG	74	84	>99	83	99	NS	NS	0	0	0	0	NS	NS	0	0	69
WILLIAMSTOWN	139	139	100	133	96	NS	NS	NS	NS	0	0	6	4	NS	NS	82
WILMINGTON	791	543	69	534	98	8	1	0	0	NS	NS	9	2	NS	NS	58
WINCHENDON	314	226	72	212	94	14	6	0	0	0	0	14	6	0	0	58
WINCHESTER	845	669	79	651	97	16	2	NS	NS	0	0	18	3	NS	NS	80
WINDSOR	8	14	>99	14	100	0	0	0	0	0	0	0	0	0	0	56

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				0-4		5-9		10-24		≥25		N	%	N	%	
				N	%	N	%	N	%	N	%	N	%	N	%	
WINTHROP	569	425	75	414	97	10	2	NS	NS	0	0	11	3	NS	NS	89
WOBURN	1553	1222	79	1151	94	66	5	4	<1	1	<1	71	6	4	0	72
WORCESTER	7940	5915	74	5677	96	213	4	23	<1	2	<1	238	4	24	0	79
WORTHINGTON	15	7	47	NS	NS	NS	NS	0	0	0	0	NS	NS	0	0	67
WRENTHAM	315	253	80	249	98	NS	NS	0	0	NS	NS	NS	NS	NS	NS	46
YARMOUTH	664	448	67	438	98	9	2	NS	NS	0	0	10	2	NS	NS	64
<b>Total for MA</b>	<b>233,422</b>	<b>178,987</b>	<b>77</b>	<b>173,622</b>	<b>97</b>	<b>4,726</b>	<b>3</b>	<b>587</b>	<b>&lt;1</b>	<b>52</b>	<b>&lt;1</b>	<b>5,365</b>	<b>3</b>	<b>598</b>	<b>&lt;1</b>	<b>71</b>

**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:**

<sup>1</sup>According 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 2013 extrapolations of the US Census Bureau's 2000 and 2010 population estimates and includes children 9 to 47 months of age.

<sup>2</sup>Blood lead levels include both confirmed and unconfirmed blood lead specimens. Refer to the data description for definitions and practice guidelines.

<sup>3</sup>The 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.

<sup>4</sup>MA 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.

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