



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 estimated confirmed and confirmed blood lead levels. This information is relevant to assessing the need for treatment and prevention services at the community level in Massachusetts.

DATA DESCRIPTION

COMMUNITY: Cities and towns in Massachusetts listed alphabetically.

POPULATION (9-47 MONTHS): The estimated number of total children 9 to 47 months of age by community. The US Census Bureau 2010 population estimate was used for the year 2010. Population estimates from 2011-present were created by the UMass Donahue Institute, using a modified Hamilton-Perry method. For more detail about the UMass Donahue Institute's population estimates, click [here](#).

TOTAL SCREENED (9-47 MONTHS): The total number of children 9 to 47 months of age screened for lead poisoning in the given calendar year.

PERCENT SCREENED: The percentage of children 9 to 47 months of age who were screened for lead poisoning in the given calendar year. This is calculated by dividing the total number of children screened by the underlying population in the geographic area based on the population estimate for the given calendar year.

µg/dL: micrograms per deciliter, the unit of measurement for blood lead specimens.

BLOOD LEAD LEVELS: Number and percentage of children within each blood lead level category, out of all children screened 9 to 47 months of age. Only one blood lead specimen is counted per child. If a child has had more than one blood lead specimen within the designated time period, then the highest specimen is counted, with venous specimens taking priority, followed by confirmed capillary specimens and, finally, unconfirmed capillary specimens when no confirmed specimens are available.

The blood lead categories include both confirmed and unconfirmed blood lead specimens. A confirmed blood lead specimen is either a single venous blood lead specimen of any value, or two capillary blood lead specimens ≥ 5 µg/dL drawn within 12 weeks of each other. A single capillary blood lead specimen of any value is considered unconfirmed. On December 1, 2017, the Massachusetts Childhood Lead Poisoning Prevention Program (CLPPP) began requiring venous confirmation of capillary blood lead specimens ≥ 5 µg/dL. Prior to that date, capillary blood lead specimens between 5 and 9 µg/dL were frequently unconfirmed. Unconfirmed

capillary blood lead specimens ≥ 10 $\mu\text{g}/\text{dL}$ are less common but may exist due to a failure to re-test according to guidelines.

In December 2017, the MA CLPPP revised its regulations to define childhood lead poisoning as a venous blood lead level ≥ 10 $\mu\text{g}/\text{dL}$ and to define a blood lead level of concern as one between 5 and 9 $\mu\text{g}/\text{dL}$. The CDC reference level for blood lead in children is 5 $\mu\text{g}/\text{dL}$. To monitor blood lead levels in Massachusetts, the Department of Public Health produces data tables with blood lead levels organized into four categories: 0-4 $\mu\text{g}/\text{dL}$, 5-9 $\mu\text{g}/\text{dL}$, 10-24 $\mu\text{g}/\text{dL}$, and ≥ 25 $\mu\text{g}/\text{dL}$. For each category, the number (N) and percentage (%) of screened children whose highest blood lead specimen fell within the category is shown. For more information regarding the CDC guidelines, please visit the CDC's information page on blood lead levels [here](#).

ESTIMATED CONFIRMED ≥ 5 : Capillary blood tests can be a useful tool for preliminary lead screening because they are easier to conduct than venous tests, especially on children. However, a single capillary test does not provide adequate precision or reliability to be considered confirmatory of an elevated blood lead level. Only about 1/3 of capillary results in the 5-9 $\mu\text{g}/\text{dL}$ range are found to be truly ≥ 5 $\mu\text{g}/\text{dL}$ upon retest. Until confirmatory testing of preliminary capillary results 5-9 $\mu\text{g}/\text{dL}$ becomes standard practice in Massachusetts, as required by MA CLPPP as of December 1, 2017, a calculation is employed to estimate the true number of children with blood lead levels ≥ 5 $\mu\text{g}/\text{dL}$. The number of children with estimated confirmed ≥ 5 $\mu\text{g}/\text{dL}$ blood lead levels is calculated as the sum of those with confirmed blood lead levels ≥ 5 $\mu\text{g}/\text{dL}$ and a proportion of those having unconfirmed blood lead levels ≥ 5 $\mu\text{g}/\text{dL}$. The proportion of unconfirmed blood lead levels ≥ 5 $\mu\text{g}/\text{dL}$ estimated to be truly elevated is based on the annual statewide proportion of capillary results in the 5-9 $\mu\text{g}/\text{dL}$ range found to be truly ≥ 5 $\mu\text{g}/\text{dL}$ upon retest (positive predictive value).

CONFIRMED ≥ 10 : The Childhood Lead Poisoning Prevention Program defines lead poisoning as a blood lead level ≥ 10 $\mu\text{g}/\text{dL}$. This data shows the number (N) and percentage (%) of children 9 to 47 months of age with a confirmed blood lead specimen ≥ 10 $\mu\text{g}/\text{dL}$. While not presented in the table, the number of unconfirmed ≥ 10 $\mu\text{g}/\text{dL}$ can be calculated by summing the 10-24 and ≥ 25 $\mu\text{g}/\text{dL}$ blood lead level categories and then subtracting the number of confirmed ≥ 10 $\mu\text{g}/\text{dL}$.

PERCENT PRE-1978 HOUSING UNITS: An estimate of the percentage of all housing units built prior to 1978, according to the 2010-2014 American Community Survey. In 1977, the Consumer Product Safety Commission banned lead-containing paint (16 C.F.R. 1303). Housing units built prior to this date may contain dangerous levels of lead in paint. According to Massachusetts regulations (105 CMR 460.000), removal or covering of lead hazards is required in units built before 1978 where a child under six years of age is living. This is a change from earlier high risk community incidence rate statistics (data prior to 2009-2013), which used the percentage of all housing units built prior to 1950.

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

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

| Community | Population 9-47 mo. ¹ | Total Screened | Percent Screened | Blood Lead Levels ² (µg/dL) | | | | | | | | Estimated Confirmed ≥5 ³ | | Confirmed ≥10 ⁴ | | Percent Pre-1978 Housing Units ⁵ |
|------------|----------------------------------|----------------|------------------|--|--------|-----|-------|-------|-------|-----|-------|-------------------------------------|-------|----------------------------|-------|---|
| | | | | 0-4 | | 5-9 | | 10-24 | | ≥25 | | N | (%) | N | (%) | |
| ABINGTON | 610 | 491 | 80 | 476 | (96.9) | 13 | (2.6) | NS | (NS) | 0 | (0.0) | 8 | (1.6) | NS | (NS) | 68 |
| ACTON | 738 | 363 | 49 | 357 | (98.3) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 62 |
| ACUSHNET | 286 | 227 | 79 | 220 | (96.9) | 7 | (3.1) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 61 |
| ADAMS | 247 | 200 | 81 | 185 | (92.5) | 14 | (7.0) | NS | (NS) | 0 | (0.0) | 8 | (4.0) | NS | (NS) | 92 |
| AGAWAM | 877 | 626 | 71 | 608 | (97.1) | 17 | (2.7) | NS | (NS) | 0 | (0.0) | 10 | (1.6) | NS | (NS) | 67 |
| ALFORD | 7 | 1 | 14 | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 52 |
| AMESBURY | 605 | 423 | 70 | 404 | (95.5) | 18 | (4.3) | NS | (NS) | 0 | (0.0) | 10 | (2.4) | NS | (NS) | 69 |
| AMHERST | 530 | 348 | 66 | 340 | (97.7) | 8 | (2.3) | 0 | (0.0) | 0 | (0.0) | 7 | (2.0) | 0 | (0.0) | 64 |
| ANDOVER | 1078 | 652 | 60 | 633 | (97.1) | 18 | (2.8) | NS | (NS) | 0 | (0.0) | 8 | (1.2) | NS | (NS) | 68 |
| AQUINNAH | 13 | 1 | 8 | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 40 |
| ARLINGTON | 1841 | 1431 | 78 | 1401 | (97.9) | 29 | (2.0) | 1 | (0.1) | 0 | (0.0) | 19 | (1.3) | 1 | (0.1) | 91 |
| ASHBURNHAM | 207 | 128 | 62 | 116 | (90.6) | 10 | (7.8) | NS | (NS) | 0 | (0.0) | 6 | (4.7) | NS | (NS) | 59 |
| ASHBY | 102 | 62 | 61 | 56 | (90.3) | 6 | (9.7) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 62 |
| ASHFIELD | 40 | 16 | 40 | 14 | (87.5) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 67 |
| ASHLAND | 801 | 540 | 67 | 528 | (97.8) | 12 | (2.2) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 45 |

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) | | | | Estimated Confirmed ≥5 ³ | | Confirmed ≥10 ⁴ | | Percent Pre-1978 Housing Units ⁵ |
|-------------|----------------------------------|----------------|------------------|--|--------------|----------------|--------------|-------------------------------------|---------|----------------------------|-------|---|
| | | | | 0-4 N (%) | 5-9 N (%) | 10-24 N (%) | ≥25 N (%) | N (%) | N (%) | N (%) | N (%) | |
| ATHOL | 427 | 198 | 46 | 179 (90.4) | 16 (8.1) | NS (NS) | 0 (0.0) | 8 (4.0) | NS (NS) | NS (NS) | 77 | |
| ATTLEBORO | 1765 | 1359 | 77 | 1299 (95.6) | 53 (3.9) | 6 (0.4) | 1 (0.1) | 31 (2.3) | 6 (0.4) | NS (NS) | 65 | |
| AUBURN | 506 | 395 | 78 | 389 (98.5) | 6 (1.5) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 68 | |
| AVON | 144 | 109 | 76 | 104 (95.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 86 | |
| AYER | 337 | 178 | 53 | 170 (95.5) | 7 (3.9) | NS (NS) | 0 (0.0) | 7 (3.9) | NS (NS) | NS (NS) | 58 | |
| BARNSTABLE | 1398 | 961 | 69 | 933 (97.1) | 24 (2.5) | NS (NS) | 0 (0.0) | 12 (1.2) | NS (NS) | NS (NS) | 57 | |
| BARRE | 177 | 79 | 45 | 76 (96.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 64 | |
| BECKET | 50 | 27 | 54 | 27 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 51 | |
| BEDFORD | 496 | 483 | 97 | 474 (98.1) | 8 (1.7) | NS (NS) | 0 (0.0) | 6 (1.2) | NS (NS) | NS (NS) | 63 | |
| BELCHERTOWN | 525 | 278 | 53 | 275 (98.9) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 39 | |
| BELLINGHAM | 708 | 388 | 55 | 385 (99.2) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 64 | |
| BELMONT | 1055 | 564 | 53 | 552 (97.9) | 12 (2.1) | 0 (0.0) | 0 (0.0) | 9 (1.6) | 0 (0.0) | NS (NS) | 92 | |
| BERKLEY | 193 | 160 | 83 | 153 (95.6) | 6 (3.8) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 34 | |
| BERLIN | 84 | 49 | 58 | 44 (89.8) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 55 | |
| BERNARDSTON | 50 | 36 | 72 | 35 (97.2) | NS (NS) | 0 (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

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|-------------|----------------------------------|----------------|------------------|--|--------------|----------------|--------------|-------------------------------------|----------|----------------------------|-------|---|
| | | | | 0-4 N (%) | 5-9 N (%) | 10-24 N (%) | ≥25 N (%) | N (%) | N (%) | N (%) | N (%) | |
| BEVERLY | 1382 | 1127 | 82 | 1094 (97.1) | 32 (2.8) | NS (NS) | 0 (0.0) | 15 (1.3) | NS (NS) | NS (NS) | 80 | |
| BILLERICA | 1493 | 911 | 61 | 860 (94.4) | 51 (5.6) | 0 (0.0) | 0 (0.0) | 21 (2.3) | 0 (0.0) | 0 (0.0) | 66 | |
| BLACKSTONE | 313 | 152 | 49 | 145 (95.4) | 7 (4.6) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 56 | |
| BLANDFORD | 28 | 23 | 82 | 23 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 63 | |
| BOLTON | 173 | 114 | 66 | 114 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 33 | |
| BOSTON | 22246 | 18285 | 82 | 17527 (95.9) | 671 (3.7) | 77 (0.4) | 10 (0.1) | 600 (3.3) | 81 (0.4) | 81 (0.4) | 81 | |
| BOURNE | 558 | 434 | 78 | 420 (96.8) | 12 (2.8) | NS (NS) | 0 (0.0) | 6 (1.4) | NS (NS) | NS (NS) | 61 | |
| BOXBOROUGH | 134 | 63 | 47 | 61 (96.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 48 | |
| BOXFORD | 192 | 148 | 77 | 147 (99.3) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 51 | |
| BOYLSTON | 139 | 82 | 59 | 81 (98.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 59 | |
| BRAINTREE | 1378 | 942 | 68 | 926 (98.3) | 14 (1.5) | NS (NS) | 0 (0.0) | 11 (1.2) | NS (NS) | NS (NS) | 74 | |
| BREWSTER | 210 | 116 | 55 | 113 (97.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 38 | |
| BRIDGEWATER | 712 | 482 | 68 | 468 (97.1) | 14 (2.9) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 50 | |
| BRIMFIELD | 104 | 72 | 69 | 71 (98.6) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 57 | |
| BROCKTON | 4379 | 3732 | 85 | 3459 (92.7) | 242 (6.5) | 30 (0.8) | 1 (<0.1) | 199 (5.3) | 31 (0.8) | 31 (0.8) | 83 | |

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|-------------------|----------------------------------|----------------|------------------|--|--------------|----------------|--------------|-------------------------------------|----------|----------------------------|-------|---|
| | | | | 0-4 N (%) | 5-9 N (%) | 10-24 N (%) | ≥25 N (%) | N (%) | N (%) | N (%) | N (%) | |
| BROOKFIELD | 112 | 89 | 79 | 86 (96.6) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 59 | |
| BROOKLINE | 2129 | 1613 | 76 | 1548 (96.0) | 62 (3.8) | 3 (0.2) | 0 (0.0) | 37 (2.3) | 3 (0.2) | 3 (0.2) | 88 | |
| BUCKLAND | 54 | 5 | 9 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 69 | |
| BURLINGTON | 933 | 647 | 69 | 603 (93.2) | 43 (6.6) | NS (NS) | 0 (0.0) | 15 (2.3) | NS (NS) | NS (NS) | 63 | |
| CAMBRIDGE | 2968 | 2116 | 71 | 2050 (96.9) | 58 (2.7) | 7 (0.3) | 1 (<0.1) | 45 (2.1) | 8 (0.4) | 8 (0.4) | 78 | |
| CANTON | 792 | 525 | 66 | 514 (97.9) | 10 (1.9) | NS (NS) | 0 (0.0) | 7 (1.3) | NS (NS) | NS (NS) | 60 | |
| CARLISLE | 130 | 61 | 47 | 60 (98.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 52 | |
| CARVER | 350 | 281 | 80 | 273 (97.2) | 7 (2.5) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 40 | |
| CHARLEMONT | 33 | 29 | 88 | 28 (96.6) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 71 | |
| CHARLTON | 426 | 295 | 69 | 291 (98.6) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 39 | |
| CHATHAM | 109 | 68 | 62 | 66 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 60 | |
| CHELMSFORD | 1174 | 746 | 64 | 735 (98.5) | 11 (1.5) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 65 | |
| CHELSEA | 2095 | 2050 | 98 | 1935 (94.4) | 105 (5.1) | 10 (0.5) | 0 (0.0) | 79 (3.9) | 10 (0.5) | 10 (0.5) | 79 | |
| CHESHIRE | 89 | 62 | 70 | 59 (95.2) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 63 | |
| CHESTER | 36 | 12 | 33 | 10 (83.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 70 | |

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|--------------|----------------------------------|----------------|------------------|--|--------------|----------------|--------------|-------------------------------------|---------|----------------------------|---------|---|
| | | | | 0-4 N (%) | 5-9 N (%) | 10-24 N (%) | ≥25 N (%) | N (%) | N (%) | N (%) | N (%) | |
| CHESTERFIELD | 26 | 16 | 62 | 16 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 62 |
| CHICOPEE | 2077 | 1399 | 67 | 1349 (96.4) | 47 (3.4) | 2 (0.1) | 1 (0.1) | 30 (2.1) | 3 (0.2) | | | 84 |
| CHILMARK | 23 | 10 | 43 | 9 (90.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 51 |
| CLARKSBURG | 52 | 6 | 12 | 6 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 78 |
| CLINTON | 567 | 417 | 74 | 391 (93.8) | 25 (6.0) | NS (NS) | 0 (0.0) | 12 (2.9) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 75 |
| COHASSET | 278 | 225 | 81 | 222 (98.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 73 |
| COLRAIN | 39 | 37 | 95 | 33 (89.2) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 64 |
| CONCORD | 484 | 247 | 51 | 241 (97.6) | 6 (2.4) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 71 |
| CONWAY | 54 | 20 | 37 | 18 (90.0) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | NS (NS) | 63 |
| CUMMINGTON | 16 | 13 | 81 | 13 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 63 |
| DALTON | 178 | 138 | 78 | 134 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 82 |
| DANVERS | 831 | 689 | 83 | 670 (97.2) | 16 (2.3) | NS (NS) | 0 (0.0) | 9 (1.3) | NS (NS) | NS (NS) | NS (NS) | 71 |
| DARTMOUTH | 718 | 593 | 83 | 574 (96.8) | 19 (3.2) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 60 |
| DEDHAM | 901 | 584 | 65 | 571 (97.8) | 12 (2.1) | NS (NS) | 0 (0.0) | 8 (1.4) | NS (NS) | NS (NS) | NS (NS) | 74 |
| DEERFIELD | 136 | 97 | 71 | 96 (99.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 69 |

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| Bureau of BEH Environmental Health | Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program |
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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) | | | | Estimated Confirmed ≥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 (%) | |
| DENNIS | 333 | 225 | 68 | 215 (95.6) | 10 (4.4) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 72 | |
| DIGHTON | 245 | 162 | 66 | 159 (98.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 57 | |
| DOUGLAS | 326 | 165 | 51 | 161 (97.6) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 50 | |
| DOVER | 156 | 107 | 69 | 105 (98.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 69 | |
| DRACUT | 1123 | 797 | 71 | 773 (97.0) | 23 (2.9) | NS (NS) | 0 (0.0) | 11 (1.4) | NS (NS) | NS (NS) | 52 | |
| DUDLEY | 337 | 209 | 62 | 202 (96.7) | 6 (2.9) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 64 | |
| DUNSTABLE | 74 | 39 | 53 | 36 (92.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 43 | |
| DUXBURY | 433 | 314 | 73 | 311 (99.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 63 | |
| EAST BRIDGEWATER | 473 | 296 | 63 | 289 (97.6) | 7 (2.4) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 61 | |
| EAST BROOKFIELD | 68 | 51 | 75 | 50 (98.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 74 | |
| EAST LONGMEADOW | 468 | 355 | 76 | 346 (97.5) | 8 (2.3) | NS (NS) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 67 | |
| EASTHAM | 84 | 50 | 60 | 47 (94.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 52 | |
| EASTHAMPTON | 495 | 327 | 66 | 321 (98.2) | 6 (1.8) | 0 (0.0) | 0 (0.0) | 6 (1.8) | 0 (0.0) | 0 (0.0) | 70 | |
| EASTON | 674 | 555 | 82 | 542 (97.7) | 12 (2.2) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 52 | |
| EDGARTOWN | 146 | 51 | 35 | 50 (98.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 40 | |

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) | | | | Estimated Confirmed ≥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 (%) | |
| EGREMONT | 22 | 4 | 18 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 65 |
| ERVING | 56 | 22 | 39 | 20 (90.9) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | NS (NS) | 66 |
| ESSEX | 114 | 78 | 68 | 75 (96.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 74 |
| EVERETT | 2031 | 1579 | 78 | 1515 (95.9) | 57 (3.6) | 7 (0.4) | 0 (0.0) | 46 (2.9) | 7 (0.4) | 7 (0.4) | 7 (0.4) | 89 |
| FAIRHAVEN | 412 | 373 | 91 | 349 (93.6) | 23 (6.2) | NS (NS) | 0 (0.0) | 10 (2.7) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 78 |
| FALL RIVER | 3605 | 2721 | 75 | 2594 (95.3) | 116 (4.3) | 9 (0.3) | 2 (0.1) | 69 (2.5) | 10 (0.4) | 10 (0.4) | 10 (0.4) | 83 |
| FALMOUTH | 828 | 681 | 82 | 668 (98.1) | 11 (1.6) | NS (NS) | 0 (0.0) | 7 (1.0) | NS (NS) | NS (NS) | NS (NS) | 60 |
| FITCHBURG | 1756 | 1195 | 68 | 1105 (92.5) | 87 (7.3) | NS (NS) | NS (NS) | 49 (4.1) | NS (NS) | NS (NS) | NS (NS) | 75 |
| FLORIDA | 32 | 9 | 28 | 8 (88.9) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 62 |
| FOXBOROUGH | 603 | 437 | 72 | 425 (97.3) | 9 (2.1) | NS (NS) | 0 (0.0) | 6 (1.4) | NS (NS) | NS (NS) | NS (NS) | 59 |
| FRAMINGHAM | 3138 | 2034 | 65 | 1987 (97.7) | 43 (2.1) | 4 (0.2) | 0 (0.0) | 32 (1.6) | 4 (0.2) | 4 (0.2) | 4 (0.2) | 82 |
| FRANKLIN | 1236 | 686 | 56 | 678 (98.8) | 6 (0.9) | NS (NS) | 0 (0.0) | 7 (1.0) | NS (NS) | NS (NS) | NS (NS) | 41 |
| FREETOWN | 224 | 202 | 90 | 199 (98.5) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 63 |
| GARDNER | 800 | 442 | 55 | 400 (90.5) | 37 (8.4) | NS (NS) | 0 (0.0) | 16 (3.6) | NS (NS) | NS (NS) | NS (NS) | 77 |
| GEORGETOWN | 305 | 195 | 64 | 193 (99.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 52 |

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) | | | | Estimated Confirmed ≥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 | 6 | 22 | 6 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 56 |
| GLOUCESTER | 798 | 714 | 89 | 661 (92.6) | 49 (6.9) | NS (NS) | 0 (0.0) | 26 (3.6) | NS (NS) | NS (NS) | NS (NS) | 78 |
| GOSHEN | 35 | 16 | 46 | 15 (93.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 63 |
| GOSNOLD | 1 | 0 | 0 | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 82 |
| GRAFTON | 786 | 520 | 66 | 509 (97.9) | 11 (2.1) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 52 |
| GRANBY | 160 | 117 | 73 | 115 (98.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 71 |
| GRANVILLE | 39 | 31 | 79 | 30 (96.8) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 69 |
| GREAT BARRINGTON | 162 | 120 | 74 | 111 (92.5) | 8 (6.7) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | NS (NS) | 76 |
| GREENFIELD | 637 | 415 | 65 | 387 (93.3) | 23 (5.5) | NS (NS) | NS (NS) | 18 (4.3) | NS (NS) | NS (NS) | NS (NS) | 81 |
| GROTON | 362 | 176 | 49 | 173 (98.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 45 |
| GROVELAND | 194 | 134 | 69 | 133 (99.3) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 61 |
| HADLEY | 126 | 77 | 61 | 76 (98.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 67 |
| HALIFAX | 244 | 200 | 82 | 200 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 67 |
| HAMILTON | 292 | 232 | 79 | 225 (97.0) | 7 (3.0) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 77 |
| HAMPDEN | 123 | 93 | 76 | 90 (96.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | NS (NS) | 0 (0.0) | 0 (0.0) | 72 |

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) | | | | | | | | Estimated Confirmed ≥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 | (%) | | | |
| HANCOCK | 21 | 5 | 24 | NS | (NS) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 36 |
| HANOVER | 453 | 404 | 89 | 391 | (96.8) | 12 | (3.0) | NS | (NS) | 0 | (0.0) | 7 | (1.7) | NS | (NS) | 60 |
| HANSON | 321 | 279 | 87 | 270 | (96.8) | 9 | (3.2) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 63 |
| HARDWICK | 122 | 45 | 37 | 41 | (91.1) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 63 |
| HARVARD | 120 | 73 | 61 | 71 | (97.3) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 57 |
| HARWICH | 292 | 179 | 61 | 170 | (95.0) | 8 | (4.5) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 60 |
| HATFIELD | 76 | 59 | 78 | 59 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 74 |
| HAVERHILL | 2809 | 1982 | 71 | 1866 | (94.1) | 98 | (4.9) | 16 | (0.8) | 2 | (0.1) | 79 | (4.0) | 17 | (0.9) | 65 |
| HAWLEY | 7 | 7 | 100 | 7 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 70 |
| HEATH | 14 | 5 | 36 | NS | (NS) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 44 |
| HINGHAM | 852 | 660 | 77 | 649 | (98.3) | 10 | (1.5) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 63 |
| HINSDALE | 40 | 43 | >99 | 43 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 69 |
| HOLBROOK | 397 | 316 | 80 | 312 | (98.7) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 76 |
| HOLDEN | 649 | 327 | 50 | 322 | (98.5) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 63 |
| HOLLAND | 71 | 50 | 70 | 50 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 70 |

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) | | | | Estimated Confirmed ≥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 | 348 | 71 | 328 (94.3) | 17 (4.9) | NS (NS) | 0 (0.0) | 10 (2.9) | NS (NS) | NS (NS) | 75 | |
| HOLYOKE | 1999 | 1505 | 75 | 1420 (94.4) | 74 (4.9) | 9 (0.6) | 2 (0.1) | 56 (3.7) | 10 (0.7) | NS (NS) | 85 | |
| HOPEDALE | 194 | 112 | 58 | 108 (96.4) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 61 | |
| HOPKINTON | 585 | 392 | 67 | 386 (98.5) | 6 (1.5) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 42 | |
| HUBBARDSTON | 133 | 67 | 50 | 61 (91.0) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 35 | |
| HUDSON | 742 | 528 | 71 | 510 (96.6) | 18 (3.4) | 0 (0.0) | 0 (0.0) | 9 (1.7) | 0 (0.0) | NS (NS) | 63 | |
| HULL | 258 | 215 | 83 | 211 (98.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 74 | |
| HUNTINGTON | 69 | 49 | 71 | 46 (93.9) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 70 | |
| IPSWICH | 355 | 242 | 68 | 238 (98.3) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 66 | |
| KINGSTON | 427 | 322 | 75 | 314 (97.5) | 8 (2.5) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 51 | |
| LAKEVILLE | 327 | 240 | 73 | 230 (95.8) | 10 (4.2) | 0 (0.0) | 0 (0.0) | 6 (2.5) | 0 (0.0) | NS (NS) | 47 | |
| LANCASTER | 202 | 143 | 71 | 136 (95.1) | 6 (4.2) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 75 | |
| LANESBOROUGH | 86 | 60 | 70 | 56 (93.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 73 | |
| LAWRENCE | 4381 | 3493 | 80 | 3314 (94.9) | 153 (4.4) | 23 (0.7) | 3 (0.1) | 160 (4.6) | 26 (0.7) | NS (NS) | 81 | |
| LEE | 159 | 124 | 78 | 119 (96.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 73 | |

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) | | | | Estimated Confirmed ≥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 | 331 | 210 | 63 | 203 (96.7) | 7 (3.3) | 0 (0.0) | 0 (0.0) | 6 (2.9) | 0 (0.0) | 0 (0.0) | 69 | |
| LENOX | 112 | 68 | 61 | 67 (98.5) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 70 | |
| LEOMINSTER | 1505 | 1063 | 71 | 1022 (96.1) | 37 (3.5) | NS (NS) | NS (NS) | 25 (2.4) | NS (NS) | NS (NS) | 66 | |
| LEVERETT | 41 | 24 | 59 | 23 (95.8) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 60 | |
| LEXINGTON | 938 | 550 | 59 | 545 (99.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 74 | |
| LEYDEN | 15 | 2 | 13 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 54 | |
| LINCOLN | 495 | 84 | 17 | 81 (96.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 63 | |
| LITTLETON | 337 | 171 | 51 | 168 (98.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 59 | |
| LONGMEADOW | 474 | 277 | 58 | 265 (95.7) | 11 (4.0) | NS (NS) | 0 (0.0) | 6 (2.2) | NS (NS) | NS (NS) | 84 | |
| LOWELL | 5351 | 4003 | 75 | 3815 (95.3) | 166 (4.1) | 19 (0.5) | 3 (0.1) | 125 (3.1) | 21 (0.5) | 0 (0.0) | 78 | |
| LUDLOW | 560 | 426 | 76 | 414 (97.2) | 12 (2.8) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 68 | |
| LUNENBURG | 324 | 223 | 69 | 220 (98.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 64 | |
| LYNN | 4615 | 3882 | 84 | 3649 (94.0) | 205 (5.3) | 23 (0.6) | 5 (0.1) | 152 (3.9) | 28 (0.7) | 0 (0.0) | 88 | |
| LYNNFIELD | 324 | 297 | 92 | 287 (96.6) | 10 (3.4) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 75 | |
| MALDEN | 2595 | 1989 | 77 | 1895 (95.3) | 84 (4.2) | 8 (0.4) | 2 (0.1) | 65 (3.3) | 10 (0.5) | 0 (0.0) | 80 | |

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| 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 (%) | |
| MANCHESTER | 137 | 102 | 74 | 96 (94.1) | 6 (5.9) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 77 | |
| MANSFIELD | 824 | 581 | 71 | 571 (98.3) | 10 (1.7) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 49 | |
| MARBLEHEAD | 622 | 480 | 77 | 463 (96.5) | 16 (3.3) | NS (NS) | 0 (0.0) | 9 (1.9) | NS (NS) | NS (NS) | 85 | |
| MARION | 127 | 111 | 87 | 109 (98.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 57 | |
| MARLBOROUGH | 1780 | 1130 | 63 | 1094 (96.8) | 33 (2.9) | NS (NS) | 0 (0.0) | 19 (1.7) | NS (NS) | NS (NS) | 61 | |
| MARSHFIELD | 870 | 674 | 77 | 663 (98.4) | 9 (1.3) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 67 | |
| MASHPEE | 426 | 306 | 72 | 305 (99.7) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 30 | |
| MATTAPOISETT | 133 | 92 | 69 | 90 (97.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 72 | |
| MAYNARD | 497 | 246 | 49 | 241 (98.0) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 77 | |
| MEDFIELD | 373 | 257 | 69 | 251 (97.7) | 6 (2.3) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 64 | |
| MEDFORD | 1994 | 1484 | 74 | 1426 (96.1) | 54 (3.6) | 4 (0.3) | 0 (0.0) | 40 (2.7) | 4 (0.3) | 4 (0.3) | 83 | |
| MEDWAY | 439 | 237 | 54 | 232 (97.9) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 61 | |
| MELROSE | 1088 | 836 | 77 | 804 (96.2) | 31 (3.7) | NS (NS) | 0 (0.0) | 13 (1.6) | NS (NS) | NS (NS) | 86 | |
| MENDON | 186 | 72 | 39 | 70 (97.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 39 | |
| MERRIMAC | 141 | 94 | 67 | 91 (96.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 58 | |

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| Community | Population 9-47 mo. ¹ | Total Screened | Percent Screened | Blood Lead Levels ² (µg/dL) | | | | Estimated Confirmed ≥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 (%) | |
| METHUEN | 1870 | 1298 | 69 | 1263 (97.3) | 30 (2.3) | 5 (0.4) | 0 (0.0) | 23 (1.8) | 5 (0.4) | 65 | | |
| MIDDLEBOROUGH | 822 | 560 | 68 | 535 (95.5) | 22 (3.9) | NS (NS) | 0 (0.0) | 11 (2.0) | NS (NS) | 54 | | |
| MIDDLEFIELD | 13 | 4 | 31 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 43 | | |
| MIDDLETON | 230 | 162 | 70 | 160 (98.8) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 47 | | |
| MILFORD | 1211 | 767 | 63 | 732 (95.4) | 32 (4.2) | NS (NS) | 0 (0.0) | 19 (2.5) | NS (NS) | 67 | | |
| MILLBURY | 457 | 290 | 63 | 281 (96.9) | 6 (2.1) | NS (NS) | 0 (0.0) | 8 (2.8) | NS (NS) | 69 | | |
| MILLIS | 289 | 190 | 66 | 183 (96.3) | 6 (3.2) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | 62 | | |
| MILLVILLE | 104 | 56 | 54 | 55 (98.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 55 | | |
| MILTON | 971 | 734 | 76 | 720 (98.1) | 11 (1.5) | NS (NS) | 0 (0.0) | 13 (1.8) | NS (NS) | 83 | | |
| MONROE | 1 | 1 | 100 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 68 | | |
| MONSON | 233 | 154 | 66 | 145 (94.2) | 8 (5.2) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | 59 | | |
| MONTAGUE | 281 | 177 | 63 | 168 (94.9) | 9 (5.1) | 0 (0.0) | 0 (0.0) | 7 (4.0) | 0 (0.0) | 77 | | |
| MONTEREY | 28 | 7 | 25 | NS (NS) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | 54 | | |
| MONTGOMERY | 27 | 9 | 33 | 8 (88.9) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | 51 | | |
| MOUNT WASHINGTON | 3 | 0 | 0 | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 63 | | |

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| Community | Population 9-47 mo. ¹ | Total Screened | Percent Screened | Blood Lead Levels ² (µg/dL) | | | | Estimated Confirmed ≥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 (%) | |
| NAHANT | 67 | 54 | 81 | 51 (94.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 91 | |
| NANTUCKET | 460 | 168 | 37 | 153 (91.1) | 14 (8.3) | NS (NS) | 0 (0.0) | 9 (5.4) | 0 (0.0) | 0 (0.0) | 39 | |
| NATICK | 1465 | 1042 | 71 | 1029 (98.8) | 11 (1.1) | NS (NS) | 0 (0.0) | 7 (0.7) | NS (NS) | NS (NS) | 70 | |
| NEEDHAM | 1168 | 904 | 77 | 889 (98.3) | 14 (1.5) | NS (NS) | 0 (0.0) | 6 (0.7) | NS (NS) | NS (NS) | 74 | |
| NEW ASHFORD | 4 | 2 | 50 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 56 | |
| NEW BEDFORD | 4205 | 3711 | 88 | 3393 (91.4) | 283 (7.6) | 32 (0.9) | 3 (0.1) | 171 (4.6) | 32 (0.9) | 0 (0.0) | 85 | |
| NEW BRAintree | 30 | 21 | 70 | 21 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 50 | |
| NEW MARLBOROUGH | 34 | 16 | 47 | 14 (87.5) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 64 | |
| NEW SALEM | 25 | 10 | 40 | 8 (80.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 56 | |
| NEWBURY | 200 | 83 | 42 | 77 (92.8) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 57 | |
| NEWBURYPORT | 550 | 357 | 65 | 341 (95.5) | 15 (4.2) | NS (NS) | 0 (0.0) | 7 (2.0) | NS (NS) | NS (NS) | 74 | |
| NEWTON | 3016 | 2182 | 72 | 2145 (98.3) | 33 (1.5) | 2 (0.1) | 2 (0.1) | 23 (1.1) | 4 (0.2) | 0 (0.0) | 83 | |
| NORFOLK | 326 | 257 | 79 | 252 (98.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 43 | |
| NORTH ADAMS | 480 | 439 | 91 | 399 (90.9) | 37 (8.4) | NS (NS) | 0 (0.0) | 24 (5.5) | NS (NS) | NS (NS) | 87 | |
| NORTH ANDOVER | 1068 | 711 | 67 | 692 (97.3) | 18 (2.5) | NS (NS) | 0 (0.0) | 10 (1.4) | NS (NS) | NS (NS) | 59 | |

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) | | | | Estimated Confirmed ≥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 (%) | |
| NORTH ATTLEBOROU | 1144 | 747 | 65 | 725 (97.1) | 21 (2.8) | NS (NS) | 0 (0.0) | 11 (1.5) | NS (NS) | NS (NS) | 58 | |
| NORTH BROOKFIELD | 173 | 91 | 53 | 89 (97.8) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 73 | |
| NORTH READING | 505 | 370 | 73 | 359 (97.0) | 9 (2.4) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 56 | |
| NORTHAMPTON | 701 | 515 | 73 | 501 (97.3) | 13 (2.5) | NS (NS) | 0 (0.0) | 13 (2.5) | NS (NS) | NS (NS) | 79 | |
| NORTHBOROUGH | 419 | 317 | 76 | 310 (97.8) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 55 | |
| NORTHBRIDGE | 674 | 304 | 45 | 295 (97.0) | 8 (2.6) | NS (NS) | 0 (0.0) | 8 (2.6) | NS (NS) | NS (NS) | 66 | |
| NORTHFIELD | 74 | 55 | 74 | 52 (94.5) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 68 | |
| NORTON | 614 | 439 | 71 | 433 (98.6) | 6 (1.4) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 48 | |
| NORWELL | 362 | 287 | 79 | 284 (99.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 69 | |
| NORWOOD | 1155 | 877 | 76 | 851 (97.0) | 23 (2.6) | NS (NS) | NS (NS) | 16 (1.8) | NS (NS) | NS (NS) | 78 | |
| OAK BLUFFS | 165 | 46 | 28 | 40 (87.0) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 54 | |
| OAKHAM | 40 | 29 | 72 | 29 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 47 | |
| ORANGE | 286 | 113 | 40 | 101 (89.4) | 11 (9.7) | NS (NS) | 0 (0.0) | 8 (7.1) | NS (NS) | NS (NS) | 68 | |
| ORLEANS | 98 | 59 | 60 | 58 (98.3) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 57 | |
| OTIS | 45 | 19 | 42 | 18 (94.7) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 61 | |

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| Bureau of BEH Environmental Health | Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program |
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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 2012: January 01, 2012- December 31, 2012

| Community | Population 9-47 mo. ¹ | Total Screened | Percent Screened | Blood Lead Levels ² (µg/dL) | | | | Estimated Confirmed ≥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 | 498 | 358 | 72 | 352 (98.3) | 6 (1.7) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 68 | |
| PALMER | 360 | 294 | 82 | 266 (90.5) | 23 (7.8) | NS (NS) | NS (NS) | 20 (6.8) | NS (NS) | NS (NS) | 72 | |
| PAXTON | 150 | 71 | 47 | 69 (97.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 71 | |
| PEABODY | 1617 | 1334 | 82 | 1304 (97.8) | 28 (2.1) | 2 (0.1) | 0 (0.0) | 14 (1.0) | 2 (0.1) | 2 (0.1) | 67 | |
| PELHAM | 35 | 33 | 94 | 32 (97.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 61 | |
| PEMBROKE | 620 | 496 | 80 | 487 (98.2) | 8 (1.6) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 58 | |
| PEPPERELL | 394 | 181 | 46 | 177 (97.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 49 | |
| PERU | 19 | 8 | 42 | 8 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 39 | |
| PETERSHAM | 35 | 8 | 23 | 8 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 67 | |
| PHILLIPSTON | 45 | 11 | 24 | 11 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 47 | |
| PITTSFIELD | 1651 | 1227 | 74 | 1159 (94.5) | 57 (4.6) | 10 (0.8) | 1 (0.1) | 37 (3.0) | 11 (0.9) | 11 (0.9) | 81 | |
| PLAINFIELD | 21 | 16 | 76 | 16 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 65 | |
| PLAINVILLE | 310 | 226 | 73 | 224 (99.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 59 | |
| PLYMOUTH | 1967 | 1162 | 59 | 1133 (97.5) | 28 (2.4) | NS (NS) | 0 (0.0) | 14 (1.2) | NS (NS) | NS (NS) | 54 | |
| PLYMPTON | 71 | 55 | 77 | 53 (96.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 54 | |

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) | | | | Estimated Confirmed ≥5 ³ | | Confirmed ≥10 ⁴ | | Percent Pre-1978 Housing Units ⁵ |
|--------------|----------------------------------|----------------|------------------|--|--------------|----------------|--------------|-------------------------------------|---------|----------------------------|-------|---|
| | | | | 0-4 N (%) | 5-9 N (%) | 10-24 N (%) | ≥25 N (%) | N (%) | N (%) | N (%) | N (%) | |
| PRINCETON | 85 | 46 | 54 | 44 (95.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 63 | |
| PROVINCETOWN | 38 | 22 | 58 | 22 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 70 | |
| QUINCY | 3279 | 2681 | 82 | 2575 (96.0) | 98 (3.7) | 6 (0.2) | 2 (0.1) | 67 (2.5) | 8 (0.3) | | 74 | |
| RANDOLPH | 1250 | 939 | 75 | 919 (97.9) | 19 (2.0) | NS (NS) | 0 (0.0) | 16 (1.7) | NS (NS) | | 72 | |
| RAYNHAM | 484 | 388 | 80 | 380 (97.9) | 8 (2.1) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | | 47 | |
| READING | 1007 | 577 | 57 | 553 (95.8) | 24 (4.2) | 0 (0.0) | 0 (0.0) | 8 (1.4) | 0 (0.0) | | 74 | |
| REHOBOTH | 342 | 198 | 58 | 192 (97.0) | 6 (3.0) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | | 55 | |
| REVERE | 2296 | 2003 | 87 | 1941 (96.9) | 62 (3.1) | 0 (0.0) | 0 (0.0) | 40 (2.0) | 0 (0.0) | | 73 | |
| RICHMOND | 18 | 12 | 67 | 12 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | | 71 | |
| ROCHESTER | 136 | 100 | 74 | 97 (97.0) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | | 40 | |
| ROCKLAND | 701 | 526 | 75 | 506 (96.2) | 20 (3.8) | 0 (0.0) | 0 (0.0) | 11 (2.1) | 0 (0.0) | | 69 | |
| ROCKPORT | 148 | 122 | 82 | 113 (92.6) | 7 (5.7) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | | 78 | |
| ROWE | 14 | 5 | 36 | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | | 73 | |
| ROWLEY | 201 | 150 | 75 | 145 (96.7) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | | 50 | |
| ROYALSTON | 36 | 13 | 36 | 11 (84.6) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | | 66 | |

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) | | | | Estimated Confirmed ≥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 | 35 | 53 | 34 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 72 | |
| RUTLAND | 315 | 168 | 53 | 165 (98.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 43 | |
| SALEM | 1545 | 1281 | 83 | 1220 (95.2) | 55 (4.3) | 5 (0.4) | 1 (0.1) | 31 (2.4) | 5 (0.4) | 5 (0.4) | 78 | |
| SALISBURY | 240 | 160 | 67 | 155 (96.9) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 59 | |
| SANDISFIELD | 27 | 9 | 33 | 8 (88.9) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 52 | |
| SANDWICH | 581 | 391 | 67 | 386 (98.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 46 | |
| SAUGUS | 787 | 624 | 79 | 604 (96.8) | 18 (2.9) | NS (NS) | 0 (0.0) | 9 (1.4) | NS (NS) | NS (NS) | 73 | |
| SAVOY | 18 | 10 | 56 | 10 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 48 | |
| SCITUATE | 560 | 426 | 76 | 420 (98.6) | 6 (1.4) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 73 | |
| SEEKONK | 339 | 226 | 67 | 217 (96.0) | 9 (4.0) | 0 (0.0) | 0 (0.0) | 6 (2.7) | 0 (0.0) | 0 (0.0) | 65 | |
| SHARON | 564 | 335 | 59 | 329 (98.2) | 6 (1.8) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 60 | |
| SHEFFIELD | 70 | 58 | 83 | 52 (89.7) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 68 | |
| SHELBURNE | 47 | 64 | >99 | 55 (85.9) | 7 (10.9) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 83 | |
| SHERBORN | 106 | 81 | 76 | 78 (96.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 73 | |
| SHIRLEY | 224 | 104 | 46 | 101 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 47 | |

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) | | | | Estimated Confirmed $\geq 5^3$ | | Confirmed $\geq 10^4$ | | Percent Pre-1978 Housing Units ⁵ |
|--------------|----------------------------------|----------------|------------------|--|--------------|----------------|--------------------|--------------------------------|----------|-----------------------|-------|---|
| | | | | 0-4 N (%) | 5-9 N (%) | 10-24 N (%) | ≥ 25 N (%) | N (%) | N (%) | N (%) | N (%) | |
| SHREWSBURY | 1310 | 910 | 69 | 879 (96.6) | 30 (3.3) | 0 (0.0) | NS (NS) | 17 (1.9) | NS (NS) | NS (NS) | 56 | |
| SHUTESBURY | 45 | 27 | 60 | 26 (96.3) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 49 | |
| SOMERSET | 511 | 334 | 65 | 321 (96.1) | 11 (3.3) | NS (NS) | 0 (0.0) | 8 (2.4) | NS (NS) | NS (NS) | 77 | |
| SOMERVILLE | 2309 | 1807 | 78 | 1724 (95.4) | 74 (4.1) | 9 (0.5) | 0 (0.0) | 54 (3.0) | 8 (0.4) | NS (NS) | 88 | |
| SOUTH HADLEY | 435 | 321 | 74 | 311 (96.9) | 7 (2.2) | NS (NS) | 0 (0.0) | 6 (1.9) | NS (NS) | NS (NS) | 72 | |
| SOUTHAMPTON | 165 | 114 | 69 | 112 (98.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 48 | |
| SOUTHBOROUGH | 317 | 218 | 69 | 211 (96.8) | 7 (3.2) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 50 | |
| SOUTHBRIDGE | 639 | 452 | 71 | 431 (95.4) | 20 (4.4) | NS (NS) | 0 (0.0) | 12 (2.7) | NS (NS) | NS (NS) | 80 | |
| SOUTHWICK | 268 | 184 | 69 | 179 (97.3) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | NS (NS) | 53 | |
| SPENCER | 384 | 306 | 80 | 297 (97.1) | 7 (2.3) | NS (NS) | 0 (0.0) | 6 (2.0) | NS (NS) | NS (NS) | 71 | |
| SPRINGFIELD | 7228 | 5711 | 79 | 5256 (92.0) | 395 (6.9) | 51 (0.9) | 9 (0.2) | 303 (5.3) | 57 (1.0) | NS (NS) | 85 | |
| STERLING | 246 | 150 | 61 | 149 (99.3) | NS (NS) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | NS (NS) | 59 | |
| STOCKBRIDGE | 28 | 20 | 71 | 20 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | NS (NS) | 77 | |
| STONEHAM | 690 | 535 | 78 | 503 (94.0) | 31 (5.8) | NS (NS) | 0 (0.0) | 11 (2.1) | 0 (0.0) | NS (NS) | 73 | |
| STOUGHTON | 959 | 681 | 71 | 664 (97.5) | 15 (2.2) | NS (NS) | NS (NS) | 13 (1.9) | NS (NS) | NS (NS) | 71 | |

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) | | | | | | | | Estimated Confirmed ≥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 | (%) | | | |
| STOW | 263 | 137 | 52 | 133 | (97.1) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 55 |
| STURBRIDGE | 404 | 231 | 57 | 230 | (99.6) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 41 |
| SUDBURY | 622 | 369 | 59 | 368 | (99.7) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 61 |
| SUNDERLAND | 88 | 58 | 66 | 55 | (94.8) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 63 |
| SUTTON | 257 | 173 | 67 | 171 | (98.8) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 47 |
| SWAMPSCOTT | 473 | 362 | 77 | 354 | (97.8) | 7 | (1.9) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 86 |
| SWANSEA | 431 | 334 | 77 | 327 | (97.9) | 6 | (1.8) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 68 |
| TAUNTON | 2201 | 1695 | 77 | 1608 | (94.9) | 77 | (4.5) | 10 | (0.6) | 0 | (0.0) | 40 | (2.4) | 6 | (0.4) | 65 |
| TEMPLETON | 307 | 171 | 56 | 163 | (95.3) | 7 | (4.1) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 58 |
| TEWKSBURY | 979 | 669 | 68 | 643 | (96.1) | 26 | (3.9) | 0 | (0.0) | 0 | (0.0) | 8 | (1.2) | 0 | (0.0) | 52 |
| TISBURY | 135 | 51 | 38 | 48 | (94.1) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 52 |
| TOLLAND | 16 | 1 | 6 | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 48 |
| TOPSFIELD | 153 | 142 | 93 | 138 | (97.2) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 77 |
| TOWNSEND | 296 | 147 | 50 | 138 | (93.9) | 8 | (5.4) | NS | (NS) | 0 | (0.0) | 6 | (4.1) | NS | (NS) | 59 |
| TRURO | 35 | 11 | 31 | 11 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 53 |

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) | | | | | | | | Estimated Confirmed ≥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 | (%) | |
| TYNGSBOROUGH | 377 | 252 | 67 | 246 | (97.6) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 37 |
| TYRINGHAM | 3 | 3 | 100 | NS | (NS) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 59 |
| UPTON | 256 | 129 | 50 | 127 | (98.4) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 53 |
| UXBRIDGE | 511 | 213 | 42 | 212 | (99.5) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 50 |
| WAKEFIELD | 930 | 677 | 73 | 649 | (95.9) | 28 | (4.1) | 0 | (0.0) | 0 | (0.0) | 11 | (1.6) | 0 | (0.0) | 82 |
| WALES | 70 | 28 | 40 | 27 | (96.4) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 59 |
| WALPOLE | 838 | 618 | 74 | 613 | (99.2) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 56 |
| WALTHAM | 2187 | 1661 | 76 | 1615 | (97.2) | 38 | (2.3) | 7 | (0.4) | 1 | (0.1) | 35 | (2.1) | 8 | (0.5) | 76 |
| WARE | 394 | 253 | 64 | 229 | (90.5) | 20 | (7.9) | NS | (NS) | 0 | (0.0) | 19 | (7.5) | NS | (NS) | 65 |
| WAREHAM | 739 | 544 | 74 | 518 | (95.2) | 23 | (4.2) | NS | (NS) | NS | (NS) | 14 | (2.6) | NS | (NS) | 71 |
| WARREN | 186 | 105 | 56 | 93 | (88.6) | 7 | (6.7) | NS | (NS) | 0 | (0.0) | 11 | (10.5) | NS | (NS) | 63 |
| WARWICK | 18 | 16 | 89 | 15 | (93.8) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 64 |
| WASHINGTON | 12 | 12 | 100 | 12 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 52 |
| WATERTOWN | 1219 | 852 | 70 | 831 | (97.5) | 19 | (2.2) | NS | (NS) | 0 | (0.0) | 17 | (2.0) | NS | (NS) | 83 |
| WAYLAND | 411 | 326 | 79 | 322 | (98.8) | NS | (NS) | NS | (NS) | 0 | (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) | | | | Estimated Confirmed ≥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 (%) | |
| WEBSTER | 660 | 463 | 70 | 428 (92.4) | 32 (6.9) | NS (NS) | 0 (0.0) | 16 (3.5) | NS (NS) | NS (NS) | 75 | |
| WELLESLEY | 1036 | 721 | 70 | 713 (98.9) | 8 (1.1) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 81 | |
| WELLFLEET | 53 | 32 | 60 | 31 (96.9) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 56 | |
| WENDELL | 23 | 10 | 43 | 7 (70.0) | NS (NS) | NS (NS) | 0 (0.0) | NS (NS) | NS (NS) | NS (NS) | 58 | |
| WENHAM | 92 | 68 | 74 | 66 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 74 | |
| WEST BOYLSTON | 174 | 136 | 78 | 132 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 68 | |
| WEST BRIDGEWATER | 195 | 138 | 71 | 134 (97.1) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 73 | |
| WEST BROOKFIELD | 97 | 76 | 78 | 74 (97.4) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 61 | |
| WEST NEWBURY | 120 | 68 | 57 | 65 (95.6) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 57 | |
| WEST SPRINGFIELD | 1121 | 871 | 78 | 811 (93.1) | 59 (6.8) | NS (NS) | 0 (0.0) | 31 (3.6) | NS (NS) | NS (NS) | 80 | |
| WEST STOCKBRIDGE | 18 | 19 | >99 | 18 (94.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 61 | |
| WEST TISBURY | 76 | 16 | 21 | 13 (81.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 29 | |
| WESTBOROUGH | 694 | 576 | 83 | 561 (97.4) | 14 (2.4) | NS (NS) | 0 (0.0) | 10 (1.7) | NS (NS) | NS (NS) | 56 | |
| WESTFIELD | 1456 | 938 | 64 | 872 (93.0) | 61 (6.5) | NS (NS) | NS (NS) | 37 (3.9) | NS (NS) | NS (NS) | 73 | |
| WESTFORD | 685 | 385 | 56 | 382 (99.2) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 43 | |

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| Bureau of BEH Environmental Health | Massachusetts Department of Public Health Childhood Lead Poisoning Prevention Program |
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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 2012: January 01, 2012- December 31, 2012

| Community | Population 9-47 mo. ¹ | Total Screened | Percent Screened | Blood Lead Levels ² (µg/dL) | | | | | | | | Estimated Confirmed ≥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 | (%) | | | |
| WESTHAMPTON | 47 | 23 | 49 | 23 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 54 |
| WESTMINSTER | 200 | 128 | 64 | 124 | (96.9) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 59 |
| WESTON | 322 | 202 | 63 | 197 | (97.5) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 68 |
| WESTPORT | 394 | 288 | 73 | 278 | (96.5) | 10 | (3.5) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 62 |
| WESTWOOD | 482 | 346 | 72 | 344 | (99.4) | NS | (NS) | 0 | (0.0) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | 70 |
| WEYMOUTH | 2103 | 1572 | 75 | 1529 | (97.3) | 39 | (2.5) | 3 | (0.2) | 1 | (0.1) | 22 | (1.4) | 4 | (0.3) | 76 |
| WHATELY | 43 | 11 | 26 | 10 | (90.9) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 64 |
| WHITMAN | 613 | 434 | 71 | 418 | (96.3) | 15 | (3.5) | NS | (NS) | 0 | (0.0) | 7 | (1.6) | NS | (NS) | 79 |
| WILBRAHAM | 379 | 275 | 73 | 269 | (97.8) | NS | (NS) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 72 |
| WILLIAMSBURG | 69 | 84 | >99 | 83 | (98.8) | 0 | (0.0) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 69 |
| WILLIAMSTOWN | 137 | 136 | 99 | 126 | (92.6) | 9 | (6.6) | NS | (NS) | 0 | (0.0) | NS | (NS) | NS | (NS) | 82 |
| WILMINGTON | 890 | 555 | 62 | 531 | (95.7) | 23 | (4.1) | NS | (NS) | 0 | (0.0) | 8 | (1.4) | 0 | (0.0) | 58 |
| WINCHENDON | 341 | 202 | 59 | 186 | (92.1) | 15 | (7.4) | NS | (NS) | 0 | (0.0) | 7 | (3.5) | NS | (NS) | 58 |
| WINCHESTER | 874 | 665 | 76 | 641 | (96.4) | 24 | (3.6) | 0 | (0.0) | 0 | (0.0) | 8 | (1.2) | 0 | (0.0) | 80 |
| WINDSOR | 13 | 10 | 77 | 10 | (100.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) | 56 |

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

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

| Community | Population 9-47 mo. ¹ | Total Screened | Percent Screened | Blood Lead Levels ² (µg/dL) | | | | Estimated Confirmed ≥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 | 622 | 439 | 71 | 419 (95.4) | 19 (4.3) | NS (NS) | 0 (0.0) | 14 (3.2) | NS (NS) | NS (NS) | 89 | |
| WOBURN | 1558 | 1211 | 78 | 1034 (85.4) | 173 (14.3) | 3 (0.2) | 1 (0.1) | 59 (4.9) | 4 (0.3) | 4 (0.3) | 72 | |
| WORCESTER | 7501 | 6077 | 81 | 5743 (94.5) | 304 (5.0) | 29 (0.5) | 1 (<0.1) | 243 (4.0) | 26 (0.4) | 26 (0.4) | 79 | |
| WORTHINGTON | 18 | 12 | 67 | 11 (91.7) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 67 | |
| WRENTHAM | 354 | 258 | 73 | 255 (98.8) | NS (NS) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 46 | |
| YARMOUTH | 660 | 427 | 65 | 415 (97.2) | 12 (2.8) | 0 (0.0) | 0 (0.0) | NS (NS) | 0 (0.0) | 0 (0.0) | 64 | |
| Total for MA | 239,912 | 175,753 | 73 | 168,458 (95.8) | 6,595 (3.8) | 634 (0.4) | 66 (<0.1) | 4,489 (2.6) | 654 (0.4) | 654 (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 2012 UMass Donahue Institute population estimates.

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

³The CDC uses a reference level of 5 µg/dL to identify children whose blood lead levels are higher than 97.5% of all U.S. children's levels, based on the National Health and Nutrition Examination Survey (NHANES). There is no safe blood lead level. The number of children with estimated confirmed ≥5 µg/dL blood lead levels is calculated as the sum of those with confirmed blood lead levels ≥5 µg/dL and a proportion of those having unconfirmed blood lead levels ≥5 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.