



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program**

**Childhood Blood Lead Surveillance in Maryland**

**Annual Report 2013**

**Number and percentage of incident and prevalent cases of**

**Blood Lead Level  $\geq 10$   $\mu\text{g/dL}$**

**and**

**Blood Lead Level 5-9  $\mu\text{g/dL}$**

**by age and county of residence**

**Supplementary Data Tables: Supplement #3**



*July, 2014*

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Allegany County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 858                          | 21              | 2.4     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 802                          | 555             | 69.2    | 1         | 0.2     | 1                    | 0.2     | 2                       | 0.4     |
| Two Years   | 832                          | 483             | 58.1    |           | 0.0     | 1                    | 0.2     | 1                       | 0.2     |
| Three Years | 817                          | 57              | 7.0     |           | 0.0     | 2                    | 3.5     | 2                       | 3.5     |
| Four Years  | 864                          | 62              | 7.2     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 766                          | 32              | 4.2     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Total       | 4,939                        | 1,210           | 24.5    | 1         | 0.1     | 4                    | 0.3     | 5                       | 0.4     |
| 6-17 Years  | 9,094                        | 36              | 0.4     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 858                          | 21              | 2.4     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 802                          | 555             | 69.2    | 2         | 0.4     | 21                   | 3.8     | 23                      | 4.1     |
| Two Years   | 832                          | 483             | 58.1    | 7         | 1.4     | 15                   | 3.1     | 22                      | 4.6     |
| Three Years | 817                          | 57              | 7.0     | 3         | 5.3     | 1                    | 1.8     | 4                       | 7.0     |
| Four Years  | 864                          | 62              | 7.2     | 5         | 8.1     | 2                    | 3.2     | 7                       | 11.3    |
| Five Years  | 766                          | 32              | 4.2     | 3         | 9.4     | 1                    | 3.1     | 4                       | 12.5    |
| Total       | 4,939                        | 1,210           | 24.5    | 20        | 1.7     | 40                   | 3.3     | 60                      | 5.0     |
| 6-17 Years  | 9,094                        | 36              | 0.4     |           |         |                      |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Anne Arundel County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 8,458                        | 458             | 5.4     |           | 0.0     | 1                    | 0.2     | 1                       | 0.2     |
| One Year    | 8,404                        | 3,359           | 40.0    |           | 0.0     | 6                    | 0.2     | 6                       | 0.2     |
| Two Years   | 8,258                        | 2,341           | 28.3    |           | 0.0     | 2                    | 0.1     | 2                       | 0.1     |
| Three Years | 8,125                        | 821             | 10.1    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Four Years  | 8,051                        | 710             | 8.8     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 7,813                        | 605             | 7.7     |           | 0.0     | 1                    | 0.2     | 1                       | 0.2     |
| Total       | 49,109                       | 8,294           | 16.9    | 0         | 0.0     | 10                   | 0.1     | 10                      | 0.1     |
| 6-17 Years  | 81,902                       | 664             | 0.8     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 8,458                        | 458             | 5.4     |           | 0.0     | 4                    | 0.9     | 4                       | 0.9     |
| One Year    | 8,404                        | 3,359           | 40.0    |           | 0.0     | 33                   | 1.0     | 33                      | 1.0     |
| Two Years   | 8,258                        | 2,341           | 28.3    | 5         | 0.2     | 17                   | 0.7     | 22                      | 0.9     |
| Three Years | 8,125                        | 821             | 10.1    | 3         | 0.4     | 5                    | 0.6     | 8                       | 1.0     |
| Four Years  | 8,051                        | 710             | 8.8     | 1         | 0.1     | 6                    | 0.8     | 7                       | 1.0     |
| Five Years  | 7,813                        | 605             | 7.7     |           | 0.0     | 3                    | 0.5     | 3                       | 0.5     |
| Total       | 49,109                       | 8,294           | 16.9    | 9         | 0.1     | 68                   | 0.8     | 77                      | 0.9     |
| 6-17 Years  | 81,902                       |                 | 0.0     |           |         |                      |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Baltimore County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 11,749                       | 1,293           | 11.0    |           | 0.0     | 3                    | 0.2     | 3                       | 0.2     |
| One Year    | 11,791                       | 5,918           | 50.2    | 1         | 0.0     | 10                   | 0.2     | 11                      | 0.2     |
| Two Years   | 11,394                       | 5,641           | 49.5    | 2         | 0.0     | 9                    | 0.2     | 11                      | 0.2     |
| Three Years | 11,390                       | 1,409           | 12.4    | 1         | 0.1     | 1                    | 0.1     | 2                       | 0.1     |
| Four Years  | 11,084                       | 1,272           | 11.5    | 1         | 0.1     | 2                    | 0.2     | 3                       | 0.2     |
| Five Years  | 11,000                       | 1,016           | 9.2     | 1         | 0.1     |                      | 0.0     | 1                       | 0.1     |
| Total       | 68,408                       | 16,549          | 24.2    | 6         | 0.0     | 25                   | 0.2     | 31                      | 0.2     |
| 6-17 Years  | 115,885                      | 1,566           | 1.4     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 11,749                       | 1,293           | 11.0    |           | 0.0     | 13                   | 1.0     | 13                      | 1.0     |
| One Year    | 11,791                       | 5,918           | 50.2    | 6         | 0.1     | 85                   | 1.4     | 91                      | 1.5     |
| Two Years   | 11,394                       | 5,641           | 49.5    | 9         | 0.2     | 52                   | 0.9     | 61                      | 1.1     |
| Three Years | 11,390                       | 1,409           | 12.4    | 4         | 0.3     | 21                   | 1.5     | 25                      | 1.8     |
| Four Years  | 11,084                       | 1,272           | 11.5    | 6         | 0.5     | 17                   | 1.3     | 23                      | 1.8     |
| Five Years  | 11,000                       | 1,016           | 9.2     | 4         | 0.4     | 12                   | 1.2     | 16                      | 1.6     |
| Total       | 68,408                       | 16,549          | 24.2    | 29        | 0.2     | 200                  | 1.2     | 229                     | 1.4     |
| 6-17 Years  | 115,885                      | 1,566           | 1.4     |           |         |                      |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Baltimore City

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 10,737                       | 1,162           | 10.8    | 1         | 0.1     | 5                    | 0.4     | 6                       | 0.5     |
| One Year    | 10,343                       | 6,515           | 63.0    | 3         | 0.0     | 69                   | 1.1     | 72                      | 1.1     |
| Two Years   | 9,868                        | 5,415           | 54.9    | 15        | 0.3     | 53                   | 1.0     | 68                      | 1.3     |
| Three Years | 9,328                        | 2,181           | 23.4    | 13        | 0.6     | 28                   | 1.3     | 41                      | 1.9     |
| Four Years  | 8,921                        | 1,934           | 21.7    | 9         | 0.5     | 7                    | 0.4     | 16                      | 0.8     |
| Five Years  | 8,496                        | 1,328           | 15.6    | 7         | 0.5     | 9                    | 0.7     | 16                      | 1.2     |
| Total       | 57,693                       | 18,535          | 32.1    | 48        | 0.3     | 171                  | 0.9     | 219                     | 1.2     |
| 6-17 Years  | 82,777                       | 3,151           | 3.8     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 10,737                       | 1,162           | 10.8    |           | 0.0     | 31                   | 2.7     | 31                      | 2.7     |
| One Year    | 10,343                       | 6,515           | 63.0    | 27        | 0.4     | 316                  | 4.9     | 343                     | 5.3     |
| Two Years   | 9,868                        | 5,415           | 54.9    | 125       | 2.3     | 243                  | 4.5     | 368                     | 6.8     |
| Three Years | 9,328                        | 2,181           | 23.4    | 96        | 4.4     | 71                   | 3.3     | 167                     | 7.7     |
| Four Years  | 8,921                        | 1,934           | 21.7    | 88        | 4.6     | 55                   | 2.8     | 143                     | 7.4     |
| Five Years  | 8,496                        | 1,328           | 15.6    | 50        | 3.8     | 28                   | 2.1     | 78                      | 5.9     |
| Total       | 57,693                       | 18,535          | 32.1    | 386       | 2.1     | 744                  | 4.0     | 1,130                   | 6.1     |
| 6-17 Years  | 82,777                       | 3,151           | 3.8     |           |         |                      |         |                         |         |

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Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Calvert County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 1,150                        | 92              | 8.0     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 1,154                        | 316             | 27.4    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Two Years   | 1,173                        | 147             | 12.5    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Three Years | 1,223                        | 33              | 2.7     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 1,249                        | 23              | 1.8     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 1,337                        | 24              | 1.8     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 7,286                        | 635             | 8.7     | 0         | 0.0     | 0                                                                    | 0.0     | 0                       | 0.0     |
| 6-17 Years  | 16,548                       | 41              | 0.2     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 1,150                        | 92              | 8.0     |           | 0.0     | 1                                                              | 1.1     | 1                       | 1.1     |
| One Year    | 1,154                        | 316             | 27.4    |           | 0.0     | 3                                                              | 0.9     | 3                       | 0.9     |
| Two Years   | 1,173                        | 147             | 12.5    |           | 0.0     | 1                                                              | 0.7     | 1                       | 0.7     |
| Three Years | 1,223                        | 33              | 2.7     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Four Years  | 1,249                        | 23              | 1.8     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Five Years  | 1,337                        | 24              | 1.8     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 7,286                        | 635             | 8.7     | 0         | 0.0     | 5                                                              | 0.8     | 5                       | 0.8     |
| 6-17 Years  | 16,548                       | 41              | 0.2     |           |         |                                                                |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Caroline County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 539                          | 10              | 1.9     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 543                          | 296             | 54.6    |           | 0.0     | 2                                                                    | 0.7     | 2                       | 0.7     |
| Two Years   | 543                          | 258             | 47.5    |           | 0.0     | 3                                                                    | 1.2     | 3                       | 1.2     |
| Three Years | 583                          | 47              | 8.1     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 552                          | 44              | 8.0     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 531                          | 26              | 4.9     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 3,291                        | 681             | 20.7    | 0         | 0.0     | 5                                                                    | 0.7     | 5                       | 0.7     |
| 6-17 Years  | 5,444                        | 15              | 0.3     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 539                          | 10              | 1.9     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 543                          | 296             | 54.6    | 1         | 0.3     | 3                                                              | 1.0     | 4                       | 1.4     |
| Two Years   | 543                          | 258             | 47.5    | 2         | 0.8     | 6                                                              | 2.3     | 8                       | 3.1     |
| Three Years | 583                          | 47              | 8.1     | 1         | 2.1     | 1                                                              | 2.1     | 2                       | 4.3     |
| Four Years  | 552                          | 44              | 8.0     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Five Years  | 531                          | 26              | 4.9     | 1         | 3.8     |                                                                | 0.0     | 1                       | 3.8     |
| Total       | 3,291                        | 681             | 20.7    | 5         | 0.7     | 10                                                             | 1.5     | 15                      | 2.2     |
| 6-17 Years  | 5,444                        | 15              | 0.3     |           |         |                                                                |         |                         |         |

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**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Carroll County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 1,964                        | 140             | 7.1     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 2,085                        | 563             | 27.0    |           | 0.0     | 4                                                                    | 0.7     | 4                       | 0.7     |
| Two Years   | 2,148                        | 336             | 15.6    |           | 0.0     | 3                                                                    | 0.9     | 3                       | 0.9     |
| Three Years | 2,220                        | 101             | 4.5     | 1         | 1.0     |                                                                      | 0.0     | 1                       | 1.0     |
| Four Years  | 2,345                        | 89              | 3.8     | 1         | 1.1     |                                                                      | 0.0     | 1                       | 1.1     |
| Five Years  | 2,517                        | 93              | 3.7     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 13,279                       | 1,322           | 10.0    | 2         | 0.2     | 7                                                                    | 0.5     | 9                       | 0.7     |
| 6-17 Years  | 29,159                       | 106             | 0.4     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 1,964                        | 140             | 7.1     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 2,085                        | 563             | 27.0    |           | 0.0     | 9                                                              | 1.6     | 9                       | 1.6     |
| Two Years   | 2,148                        | 336             | 15.6    | 3         | 0.9     | 6                                                              | 1.8     | 9                       | 2.7     |
| Three Years | 2,220                        | 101             | 4.5     | 1         | 1.0     | 1                                                              | 1.0     | 2                       | 2.0     |
| Four Years  | 2,345                        | 89              | 3.8     | 1         | 1.1     |                                                                | 0.0     | 1                       | 1.1     |
| Five Years  | 2,517                        | 93              | 3.7     |           | 0.0     | 1                                                              | 1.1     | 1                       | 1.1     |
| Total       | 13,279                       | 1,322           | 10.0    | 5         | 0.4     | 17                                                             | 1.3     | 22                      | 1.7     |
| 6-17 Years  | 29,159                       | 106             | 0.4     |           |         |                                                                |         |                         |         |

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**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Cecil County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 1,526                        | 113             | 7.4     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 1,589                        | 532             | 33.5    |           | 0.0     | 3                    | 0.6     | 3                       | 0.6     |
| Two Years   | 1,534                        | 329             | 21.4    |           | 0.0     | 1                    | 0.3     | 1                       | 0.3     |
| Three Years | 1,525                        | 176             | 11.5    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Four Years  | 1,493                        | 201             | 13.5    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 1,539                        | 152             | 9.9     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Total       | 9,206                        | 1,503           | 16.3    | 0         | 0.0     | 4                    | 0.3     | 4                       | 0.3     |
| 6-17 Years  | 17,142                       | 107             | 0.6     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 1,526                        | 113             | 7.4     |           | 0.0     | 2                    | 1.8     | 2                       | 1.8     |
| One Year    | 1,589                        | 532             | 33.5    | 1         | 0.2     | 5                    | 0.9     | 6                       | 1.1     |
| Two Years   | 1,534                        | 329             | 21.4    |           | 0.0     | 8                    | 2.4     | 8                       | 2.4     |
| Three Years | 1,525                        | 176             | 11.5    |           | 0.0     | 1                    | 0.6     | 1                       | 0.6     |
| Four Years  | 1,493                        | 201             | 13.5    |           | 0.0     | 1                    | 0.5     | 1                       | 0.5     |
| Five Years  | 1,539                        | 152             | 9.9     | 1         | 0.7     | 2                    | 1.3     | 3                       | 2.0     |
| Total       | 9,206                        | 1,503           | 16.3    | 2         | 0.1     | 19                   | 1.3     | 21                      | 1.4     |
| 6-17 Years  | 17,142                       | 107             | 0.6     |           |         |                      |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Charles County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 2,243                        | 285             | 12.7    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 2,192                        | 683             | 31.2    | 1         | 0.1     | 1                    | 0.1     | 2                       | 0.3     |
| Two Years   | 2,353                        | 699             | 29.7    |           | 0.0     | 1                    | 0.1     | 1                       | 0.1     |
| Three Years | 2,218                        | 228             | 10.3    | 1         | 0.4     |                      | 0.0     | 1                       | 0.4     |
| Four Years  | 2,255                        | 158             | 7.0     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 2,227                        | 93              | 4.2     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Total       | 13,488                       | 2,146           | 15.9    | 2         | 0.1     | 2                    | 0.1     | 4                       | 0.2     |
| 6-17 Years  | 26,715                       | 194             | 0.7     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 2,243                        | 285             | 12.7    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 2,192                        | 683             | 31.2    |           | 0.0     | 11                   | 1.6     | 11                      | 1.6     |
| Two Years   | 2,353                        | 699             | 29.7    | 1         | 0.1     | 8                    | 1.1     | 9                       | 1.3     |
| Three Years | 2,218                        | 228             | 10.3    |           | 0.0     | 2                    | 0.9     | 2                       | 0.9     |
| Four Years  | 2,255                        | 158             | 7.0     |           | 0.0     | 4                    | 2.5     | 4                       | 2.5     |
| Five Years  | 2,227                        | 93              | 4.2     |           | 0.0     | 1                    | 1.1     | 1                       | 1.1     |
| Total       | 13,488                       | 2,146           | 15.9    | 1         | 0.0     | 26                   | 1.2     | 27                      | 1.3     |
| 6-17 Years  | 26,715                       | 194             | 0.7     |           |         |                      |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Dorchester County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 509                          | 12              | 2.4     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 488                          | 289             | 59.3    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Two Years   | 490                          | 208             | 42.4    |           | 0.0     | 1                                                                    | 0.5     | 1                       | 0.5     |
| Three Years | 474                          | 70              | 14.8    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 472                          | 66              | 14.0    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 413                          | 31              | 7.5     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 2,846                        | 676             | 23.7    | 0         | 0.0     | 1                                                                    | 0.1     | 1                       | 0.1     |
| 6-17 Years  | 4,561                        | 34              | 0.7     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 509                          | 12              | 2.4     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 488                          | 289             | 59.3    | 1         | 0.3     | 6                                                              | 2.1     | 7                       | 2.4     |
| Two Years   | 490                          | 208             | 42.4    | 1         | 0.5     | 4                                                              | 1.9     | 5                       | 2.4     |
| Three Years | 474                          | 70              | 14.8    |           | 0.0     | 1                                                              | 1.4     | 1                       | 1.4     |
| Four Years  | 472                          | 66              | 14.0    |           | 0.0     | 2                                                              | 3.0     | 2                       | 3.0     |
| Five Years  | 413                          | 31              | 7.5     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 2,846                        | 676             | 23.7    | 2         | 0.3     | 13                                                             | 1.9     | 15                      | 2.2     |
| 6-17 Years  | 4,561                        | 34              | 0.7     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Frederick County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 3,413                        | 127             | 3.7     |           | 0.0     | 1                                                                    | 0.8     | 1                       | 0.8     |
| One Year    | 3,423                        | 1,374           | 40.1    | 1         | 0.1     | 2                                                                    | 0.1     | 3                       | 0.2     |
| Two Years   | 3,601                        | 556             | 15.4    |           | 0.0     | 1                                                                    | 0.2     | 1                       | 0.2     |
| Three Years | 3,602                        | 292             | 8.1     |           | 0.0     | 1                                                                    | 0.3     | 1                       | 0.3     |
| Four Years  | 3,683                        | 348             | 9.4     | 2         | 0.6     |                                                                      | 0.0     | 2                       | 0.6     |
| Five Years  | 3,625                        | 276             | 7.6     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 21,347                       | 2,973           | 13.9    | 3         | 0.1     | 5                                                                    | 0.2     | 8                       | 0.3     |
| 6-17 Years  | 40,048                       | 176             | 0.4     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 3,413                        | 127             | 3.7     |           | 0.0     | 1                                                              | 0.8     | 1                       | 0.8     |
| One Year    | 3,423                        | 1,374           | 40.1    |           | 0.0     | 14                                                             | 1.0     | 14                      | 1.0     |
| Two Years   | 3,601                        | 556             | 15.4    | 1         | 0.2     | 8                                                              | 1.4     | 9                       | 1.6     |
| Three Years | 3,602                        | 292             | 8.1     |           | 0.0     | 1                                                              | 0.3     | 1                       | 0.3     |
| Four Years  | 3,683                        | 348             | 9.4     |           | 0.0     | 1                                                              | 0.3     | 1                       | 0.3     |
| Five Years  | 3,625                        | 276             | 7.6     | 1         | 0.4     |                                                                | 0.0     | 1                       | 0.4     |
| Total       | 21,347                       | 2,973           | 13.9    | 2         | 0.1     | 25                                                             | 0.8     | 27                      | 0.9     |
| 6-17 Years  | 40,048                       | 176             | 0.4     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Garrett County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 367                          | 12              | 3.3     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 341                          | 142             | 41.6    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Two Years   | 382                          | 130             | 34.0    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Three Years | 373                          | 51              | 13.7    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 388                          | 31              | 8.0     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 414                          | 35              | 8.5     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 2,265                        | 401             | 17.7    | 0         | 0.0     | 0                                                                    | 0.0     | 0                       | 0.0     |
| 6-17 Years  | 4,600                        | 17              | 0.4     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 367                          | 12              | 3.3     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 341                          | 142             | 41.6    |           | 0.0     | 1                                                              | 0.7     | 1                       | 0.7     |
| Two Years   | 382                          | 130             | 34.0    |           | 0.0     | 2                                                              | 1.5     | 2                       | 1.5     |
| Three Years | 373                          | 51              | 13.7    | 1         | 2.0     | 3                                                              | 5.9     | 4                       | 7.8     |
| Four Years  | 388                          | 31              | 8.0     |           | 0.0     | 1                                                              | 3.2     | 1                       | 3.2     |
| Five Years  | 414                          | 35              | 8.5     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 2,265                        | 401             | 17.7    | 1         | 0.2     | 7                                                              | 1.7     | 8                       | 2.0     |
| 6-17 Years  | 4,600                        | 17              | 0.4     |           |         |                                                                |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Harford County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 3,472                        | 288             | 8.3     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 3,555                        | 969             | 27.3    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Two Years   | 3,550                        | 758             | 21.4    |           | 0.0     | 1                                                                    | 0.1     | 1                       | 0.1     |
| Three Years | 3,649                        | 231             | 6.3     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 3,647                        | 297             | 8.1     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 3,600                        | 311             | 8.6     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 21,473                       | 2,854           | 13.3    | 0         | 0.0     | 1                                                                    | 0.0     | 1                       | 0.0     |
| 6-17 Years  | 41,232                       | 254             | 0.6     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 3,472                        | 288             | 8.3     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 3,555                        | 969             | 27.3    |           | 0.0     | 10                                                             | 1.0     | 10                      | 1.0     |
| Two Years   | 3,550                        | 758             | 21.4    | 2         | 0.3     | 11                                                             | 1.5     | 13                      | 1.7     |
| Three Years | 3,649                        | 231             | 6.3     | 1         | 0.4     | 5                                                              | 2.2     | 6                       | 2.6     |
| Four Years  | 3,647                        | 297             | 8.1     | 1         | 0.3     | 2                                                              | 0.7     | 3                       | 1.0     |
| Five Years  | 3,600                        | 311             | 8.6     | 1         | 0.3     | 1                                                              | 0.3     | 2                       | 0.6     |
| Total       | 21,473                       | 2,854           | 13.3    | 5         | 0.2     | 29                                                             | 1.0     | 34                      | 1.2     |
| 6-17 Years  | 41,232                       | 254             | 0.6     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Howard County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 4,012                        | 211             | 5.3     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 4,024                        | 990             | 24.6    |           | 0.0     | 1                                                                    | 0.1     | 1                       | 0.1     |
| Two Years   | 4,227                        | 587             | 13.9    |           | 0.0     | 1                                                                    | 0.2     | 1                       | 0.2     |
| Three Years | 4,196                        | 285             | 6.8     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 4,251                        | 230             | 5.4     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 4,434                        | 184             | 4.1     |           | 0.0     | 1                                                                    | 0.5     | 1                       | 0.5     |
| Total       | 25,144                       | 2,487           | 9.9     | 0         | 0.0     | 3                                                                    | 0.1     | 3                       | 0.1     |
| 6-17 Years  | 52,059                       | 364             | 0.7     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 4,012                        | 211             | 5.3     |           | 0.0     | 5                                                              | 2.4     | 5                       | 2.4     |
| One Year    | 4,024                        | 990             | 24.6    | 1         | 0.1     | 8                                                              | 0.8     | 9                       | 0.9     |
| Two Years   | 4,227                        | 587             | 13.9    | 1         | 0.2     | 4                                                              | 0.7     | 5                       | 0.9     |
| Three Years | 4,196                        | 285             | 6.8     |           | 0.0     | 3                                                              | 1.1     | 3                       | 1.1     |
| Four Years  | 4,251                        | 230             | 5.4     |           | 0.0     | 1                                                              | 0.4     | 1                       | 0.4     |
| Five Years  | 4,434                        | 184             | 4.1     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 25,144                       | 2,487           | 9.9     | 2         | 0.1     | 21                                                             | 0.8     | 23                      | 0.9     |
| 6-17 Years  | 52,059                       | 364             | 0.7     |           |         |                                                                |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Kent County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 246                          | 14              | 5.7     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 246                          | 119             | 48.4    |           | 0.0     | 1                                                                    | 0.8     | 1                       | 0.8     |
| Two Years   | 226                          | 72              | 31.8    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Three Years | 239                          | 19              | 8.0     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 232                          | 27              | 11.6    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 241                          | 11              | 4.5     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 1,430                        | 262             | 18.3    | 0         | 0.0     | 1                                                                    | 0.4     | 1                       | 0.4     |
| 6-17 Years  | 2,290                        | 10              | 0.4     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 246                          | 14              | 5.7     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 246                          | 119             | 48.4    |           | 0.0     | 1                                                              | 0.8     | 1                       | 0.8     |
| Two Years   | 226                          | 72              | 31.8    | 1         | 1.4     |                                                                | 0.0     | 1                       | 1.4     |
| Three Years | 239                          | 19              | 8.0     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Four Years  | 232                          | 27              | 11.6    |           | 0.0     | 2                                                              | 7.4     | 2                       | 7.4     |
| Five Years  | 241                          | 11              | 4.5     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 1,430                        | 262             | 18.3    | 1         | 0.4     | 3                                                              | 1.1     | 4                       | 1.5     |
| 6-17 Years  | 2,290                        | 10              | 0.4     |           |         |                                                                |         |                         |         |

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# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Montgomery County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 15,347                       | 3,484           | 22.7    |           | 0.0     | 10                   | 0.3     | 10                      | 0.3     |
| One Year    | 15,361                       | 5,317           | 34.6    |           | 0.0     | 3                    | 0.1     | 3                       | 0.1     |
| Two Years   | 15,308                       | 5,334           | 34.8    |           | 0.0     | 5                    | 0.1     | 5                       | 0.1     |
| Three Years | 14,905                       | 1,849           | 12.4    |           | 0.0     | 1                    | 0.1     | 1                       | 0.1     |
| Four Years  | 15,155                       | 2,577           | 17.0    | 2         | 0.1     | 2                    | 0.1     | 4                       | 0.2     |
| Five Years  | 14,698                       | 1,747           | 11.9    |           | 0.0     | 3                    | 0.2     | 3                       | 0.2     |
| Total       | 90,774                       | 20,308          | 22.4    | 2         | 0.0     | 24                   | 0.1     | 26                      | 0.1     |
| 6-17 Years  | 153,381                      | 2,110           | 1.4     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 15,347                       | 3,484           | 22.7    |           | 0.0     | 28                   | 0.8     | 28                      | 0.8     |
| One Year    | 15,361                       | 5,317           | 34.6    | 4         | 0.1     | 53                   | 1.0     | 57                      | 1.1     |
| Two Years   | 15,308                       | 5,334           | 34.8    | 4         | 0.1     | 32                   | 0.6     | 36                      | 0.7     |
| Three Years | 14,905                       | 1,849           | 12.4    | 4         | 0.2     | 16                   | 0.9     | 20                      | 1.1     |
| Four Years  | 15,155                       | 2,577           | 17.0    | 1         | 0.0     | 18                   | 0.7     | 19                      | 0.7     |
| Five Years  | 14,698                       | 1,747           | 11.9    | 3         | 0.2     | 12                   | 0.7     | 15                      | 0.9     |
| Total       | 90,774                       | 20,308          | 22.4    | 16        | 0.1     | 159                  | 0.8     | 175                     | 0.9     |
| 6-17 Years  | 153,381                      | 2,110           | 1.4     |           |         |                      |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Prince George's County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 14,792                       | 2,034           | 13.8    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 14,283                       | 5,833           | 40.8    |           | 0.0     | 5                    | 0.1     | 5                       | 0.1     |
| Two Years   | 13,908                       | 5,051           | 36.3    | 1         | 0.0     | 5                    | 0.1     | 6                       | 0.1     |
| Three Years | 13,810                       | 2,545           | 18.4    |           | 0.0     | 2                    | 0.1     | 2                       | 0.1     |
| Four Years  | 13,162                       | 2,817           | 21.4    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 12,745                       | 2,158           | 16.9    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Total       | 82,700                       | 20,438          | 24.7    | 1         | 0.0     | 12                   | 0.1     | 13                      | 0.1     |
| 6-17 Years  | 132,592                      | 3,328           | 2.5     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 14,792                       | 2,034           | 13.8    |           | 0.0     | 18                   | 0.9     | 18                      | 0.9     |
| One Year    | 14,283                       | 5,833           | 40.8    | 4         | 0.1     | 68                   | 1.2     | 72                      | 1.2     |
| Two Years   | 13,908                       | 5,051           | 36.3    | 6         | 0.1     | 46                   | 0.9     | 52                      | 1.0     |
| Three Years | 13,810                       | 2,545           | 18.4    | 5         | 0.2     | 20                   | 0.8     | 25                      | 1.0     |
| Four Years  | 13,162                       | 2,817           | 21.4    | 4         | 0.1     | 28                   | 1.0     | 32                      | 1.1     |
| Five Years  | 12,745                       | 2,158           | 16.9    | 2         | 0.1     | 21                   | 1.0     | 23                      | 1.1     |
| Total       | 82,700                       | 20,438          | 24.7    | 21        | 0.1     | 201                  | 1.0     | 222                     | 1.1     |
| 6-17 Years  | 132,592                      | 3,328           | 2.5     |           |         |                      |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Queen Anne's County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 649                          | 19              | 2.9     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 633                          | 204             | 32.2    |           | 0.0     | 2                    | 1.0     | 2                       | 1.0     |
| Two Years   | 632                          | 110             | 17.4    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Three Years | 652                          | 42              | 6.4     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Four Years  | 669                          | 35              | 5.2     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 701                          | 34              | 4.8     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Total       | 3,936                        | 444             | 11.3    | 0         | 0.0     | 2                    | 0.5     | 2                       | 0.5     |
| 6-17 Years  | 7,873                        | 31              | 0.4     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 649                          | 19              | 2.9     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 633                          | 204             | 32.2    |           | 0.0     | 3                    | 1.5     | 3                       | 1.5     |
| Two Years   | 632                          | 110             | 17.4    | 2         | 1.8     |                      | 0.0     | 2                       | 1.8     |
| Three Years | 652                          | 42              | 6.4     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Four Years  | 669                          | 35              | 5.2     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 701                          | 34              | 4.8     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Total       | 3,936                        | 444             | 11.3    | 2         | 0.5     | 3                    | 0.7     | 5                       | 1.1     |
| 6-17 Years  | 7,873                        | 31              | 0.4     |           |         |                      |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

Saint Mary's County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 1,808                        | 216             | 11.9    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 1,788                        | 567             | 31.7    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Two Years   | 1,775                        | 503             | 28.3    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Three Years | 1,866                        | 105             | 5.6     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 1,808                        | 96              | 5.3     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 1,760                        | 46              | 2.6     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 10,805                       | 1,533           | 14.2    | 0         | 0.0     | 0                                                                    | 0.0     | 0                       | 0.0     |
| 6-17 Years  | 18,074                       | 74              | 0.4     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 1,808                        | 216             | 11.9    |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 1,788                        | 567             | 31.7    |           | 0.0     | 7                                                              | 1.2     | 7                       | 1.2     |
| Two Years   | 1,775                        | 503             | 28.3    |           | 0.0     | 7                                                              | 1.4     | 7                       | 1.4     |
| Three Years | 1,866                        | 105             | 5.6     | 1         | 1.0     | 5                                                              | 4.8     | 6                       | 5.7     |
| Four Years  | 1,808                        | 96              | 5.3     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Five Years  | 1,760                        | 46              | 2.6     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 10,805                       | 1,533           | 14.2    | 1         | 0.1     | 19                                                             | 1.2     | 20                      | 1.3     |
| 6-17 Years  | 18,074                       | 74              | 0.4     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Somerset County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 314                          | 16              | 5.1     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 310                          | 189             | 60.9    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Two Years   | 325                          | 186             | 57.2    |           | 0.0     | 4                                                                    | 2.2     | 4                       | 2.2     |
| Three Years | 280                          | 70              | 25.0    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 296                          | 58              | 19.6    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 280                          | 45              | 16.1    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 1,805                        | 564             | 31.2    | 0         | 0.0     | 4                                                                    | 0.7     | 4                       | 0.7     |
| 6-17 Years  | 2,870                        | 114             | 4.0     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 314                          | 16              | 5.1     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 310                          | 189             | 60.9    |           | 0.0     | 2                                                              | 1.1     | 2                       | 1.1     |
| Two Years   | 325                          | 186             | 57.2    |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Three Years | 280                          | 70              | 25.0    |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Four Years  | 296                          | 58              | 19.6    |           | 0.0     | 1                                                              | 1.7     | 1                       | 1.7     |
| Five Years  | 280                          | 45              | 16.1    | 1         | 2.2     |                                                                | 0.0     | 1                       | 2.2     |
| Total       | 1,805                        | 564             | 31.2    | 1         | 0.2     | 3                                                              | 0.5     | 4                       | 0.7     |
| 6-17 Years  | 2,870                        | 114             | 4.0     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Talbot County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 411                          | 15              | 3.7     |           | 0.0     | 2                                                                    | 13.3    | 2                       | 13.3    |
| One Year    | 480                          | 298             | 62.0    |           | 0.0     | 4                                                                    | 1.3     | 4                       | 1.3     |
| Two Years   | 474                          | 249             | 52.6    |           | 0.0     | 1                                                                    | 0.4     | 1                       | 0.4     |
| Three Years | 420                          | 50              | 11.9    | 1         | 2.0     |                                                                      | 0.0     | 1                       | 2.0     |
| Four Years  | 436                          | 38              | 8.7     |           | 0.0     | 1                                                                    | 2.6     | 1                       | 2.6     |
| Five Years  | 474                          | 17              | 3.6     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 2,695                        | 667             | 24.8    | 1         | 0.1     | 8                                                                    | 1.2     | 9                       | 1.3     |
| 6-17 Years  | 4,953                        | 24              | 0.5     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 411                          | 15              | 3.7     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 480                          | 298             | 62.0    |           | 0.0     | 8                                                              | 2.7     | 8                       | 2.7     |
| Two Years   | 474                          | 249             | 52.6    |           | 0.0     | 1                                                              | 0.4     | 1                       | 0.4     |
| Three Years | 420                          | 50              | 11.9    |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Four Years  | 436                          | 38              | 8.7     | 1         | 2.6     |                                                                | 0.0     | 1                       | 2.6     |
| Five Years  | 474                          | 17              | 3.6     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 2,695                        | 667             | 24.8    | 1         | 0.1     | 9                                                              | 1.3     | 10                      | 1.5     |
| 6-17 Years  | 4,953                        | 24              | 0.5     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Washington County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 2,129                        | 66              | 3.1     |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| One Year    | 2,115                        | 995             | 47.0    |           | 0.0     | 3                    | 0.3     | 3                       | 0.3     |
| Two Years   | 2,193                        | 757             | 34.5    |           | 0.0     | 2                    | 0.3     | 2                       | 0.3     |
| Three Years | 2,232                        | 310             | 13.9    |           | 0.0     | 1                    | 0.3     | 1                       | 0.3     |
| Four Years  | 2,071                        | 332             | 16.0    |           | 0.0     |                      | 0.0     | 0                       | 0.0     |
| Five Years  | 2,175                        | 254             | 11.7    |           | 0.0     | 1                    | 0.4     | 1                       | 0.4     |
| Total       | 12,915                       | 2,714           | 21.0    | 0         | 0.0     | 7                    | 0.3     | 7                       | 0.3     |
| 6-17 Years  | 22,396                       | 153             | 0.7     |           |         |                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number               | Percent | Number                  | Percent |
| Under One   | 2,129                        | 66              | 3.1     |           | 0.0     | 1                    | 1.5     | 1                       | 1.5     |
| One Year    | 2,115                        | 995             | 47.0    | 2         | 0.2     | 16                   | 1.6     | 18                      | 1.8     |
| Two Years   | 2,193                        | 757             | 34.5    | 3         | 0.4     | 21                   | 2.8     | 24                      | 3.2     |
| Three Years | 2,232                        | 310             | 13.9    | 2         | 0.6     | 4                    | 1.3     | 6                       | 1.9     |
| Four Years  | 2,071                        | 332             | 16.0    |           | 0.0     | 4                    | 1.2     | 4                       | 1.2     |
| Five Years  | 2,175                        | 254             | 11.7    | 1         | 0.4     | 5                    | 2.0     | 6                       | 2.4     |
| Total       | 12,915                       | 2,714           | 21.0    | 8         | 0.3     | 51                   | 1.9     | 59                      | 2.2     |
| 6-17 Years  | 22,396                       | 153             | 0.7     |           |         |                      |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Wicomico County

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 1,510                        | 42              | 2.8     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 1,520                        | 809             | 53.2    |           | 0.0     | 3                                                                    | 0.4     | 3                       | 0.4     |
| Two Years   | 1,464                        | 744             | 50.8    |           | 0.0     | 1                                                                    | 0.1     | 1                       | 0.1     |
| Three Years | 1,520                        | 225             | 14.8    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 1,321                        | 147             | 11.1    | 1         | 0.7     | 1                                                                    | 0.7     | 2                       | 1.4     |
| Five Years  | 1,398                        | 81              | 5.8     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 8,733                        | 2,048           | 23.5    | 1         | 0.0     | 5                                                                    | 0.2     | 6                       | 0.3     |
| 6-17 Years  | 14,385                       | 157             | 1.1     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 1,510                        | 42              | 2.8     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 1,520                        | 809             | 53.2    | 1         | 0.1     | 18                                                             | 2.2     | 19                      | 2.3     |
| Two Years   | 1,464                        | 744             | 50.8    | 2         | 0.3     | 12                                                             | 1.6     | 14                      | 1.9     |
| Three Years | 1,520                        | 225             | 14.8    |           | 0.0     | 8                                                              | 3.6     | 8                       | 3.6     |
| Four Years  | 1,321                        | 147             | 11.1    | 2         | 1.4     | 1                                                              | 0.7     | 3                       | 2.0     |
| Five Years  | 1,398                        | 81              | 5.8     | 2         | 2.5     | 2                                                              | 2.5     | 4                       | 4.9     |
| Total       | 8,733                        | 2,048           | 23.5    | 7         | 0.3     | 41                                                             | 2.0     | 48                      | 2.3     |
| 6-17 Years  | 14,385                       | 157             | 1.1     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**Worcester County**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 559                          | 13              | 2.3     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| One Year    | 565                          | 300             | 53.1    |           | 0.0     | 3                                                                    | 1.0     | 3                       | 1.0     |
| Two Years   | 552                          | 328             | 59.5    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Three Years | 546                          | 86              | 15.8    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Four Years  | 554                          | 77              | 13.9    |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Five Years  | 521                          | 26              | 5.0     |           | 0.0     |                                                                      | 0.0     | 0                       | 0.0     |
| Total       | 3,297                        | 830             | 25.2    | 0         | 0.0     | 3                                                                    | 0.4     | 3                       | 0.4     |
| 6-17 Years  | 6,453                        | 44              | 0.7     |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 559                          | 13              | 2.3     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| One Year    | 565                          | 300             | 53.1    |           | 0.0     | 4                                                              | 1.3     | 4                       | 1.3     |
| Two Years   | 552                          | 328             | 59.5    |           | 0.0     | 3                                                              | 0.9     | 3                       | 0.9     |
| Three Years | 546                          | 86              | 15.8    |           | 0.0     | 3                                                              | 3.5     | 3                       | 3.5     |
| Four Years  | 554                          | 77              | 13.9    |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Five Years  | 521                          | 26              | 5.0     |           | 0.0     |                                                                | 0.0     | 0                       | 0.0     |
| Total       | 3,297                        | 830             | 25.2    | 0         | 0.0     | 10                                                             | 1.2     | 10                      | 1.2     |
| 6-17 Years  | 6,453                        | 44              | 0.7     |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**Lead Poisoning Prevention Program: Childhood Lead Registry**

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

**County Unknown**

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   |                              | 3               |         |           |         |                                                                      |         | 0                       |         |
| One Year    |                              | 1               |         |           |         |                                                                      |         | 0                       |         |
| Two Years   |                              | 2               |         |           |         | 1                                                                    |         | 1                       |         |
| Three Years |                              | 1               |         |           |         |                                                                      |         | 0                       |         |
| Four Years  |                              | 0               |         |           |         |                                                                      |         | 0                       |         |
| Five Years  |                              | 1               |         |           |         |                                                                      |         | 0                       |         |
| Total       |                              | 8               |         | 0         |         | 1                                                                    |         | 1                       |         |
| 6-17 Years  |                              | 1               |         |           |         |                                                                      |         |                         |         |

| Age Group   | Population<br>of<br>Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                              | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   |                              | 3               |         |           |         |                                                                |         | 0                       |         |
| One Year    |                              | 1               |         |           |         |                                                                |         | 0                       |         |
| Two Years   |                              | 2               |         |           |         |                                                                |         | 0                       |         |
| Three Years |                              | 1               |         |           |         | 1                                                              |         | 1                       |         |
| Four Years  |                              | 0               |         |           |         |                                                                |         | 0                       |         |
| Five Years  |                              | 1               |         |           |         |                                                                |         | 0                       |         |
| Total       |                              | 8               |         | 0         |         | 1                                                              |         | 1                       |         |
| 6-17 Years  |                              | 1               |         |           |         |                                                                |         |                         |         |

Refer to Page 27 for terms and definitions

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

## Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10$   $\mu\text{g/dL}$  and Blood Lead Level 5-9  $\mu\text{g/dL}$  by age and county of residence  
(Annual Report 2013)

### Statewide

| Age Group   | Population of Children | Children Tested |         | Old Cases |         | Children with BLL $\geq 10$ $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------------|---------|-------------------------|---------|
|             |                        | Number          | Percent | Number    | Percent | Number                                                               | Percent | Number                  | Percent |
| Under One   | 88,763                 | 10,146          | 11.4    | 1         | 0.0     | 22                                                                   | 0.2     | 23                      | 0.2     |
| One Year    | 88,034                 | 37,133          | 42.2    | 7         | 0.0     | 123                                                                  | 0.3     | 130                     | 0.4     |
| Two Years   | 87,210                 | 31,224          | 35.8    | 18        | 0.1     | 96                                                                   | 0.3     | 114                     | 0.4     |
| Three Years | 86,194                 | 11,284          | 13.1    | 17        | 0.2     | 36                                                                   | 0.3     | 53                      | 0.5     |
| Four Years  | 84,960                 | 11,669          | 13.7    | 16        | 0.1     | 13                                                                   | 0.1     | 29                      | 0.2     |
| Five Years  | 83,703                 | 8,626           | 10.3    | 8         | 0.1     | 15                                                                   | 0.2     | 23                      | 0.3     |
| Total       | 518,864                | 110,082         | 21.2    | 67        | 0.1     | 305                                                                  | 0.3     | 372                     | 0.3     |
| 6-17 Years  | 892,432                | 12,771          | 1.4     |           |         |                                                                      |         |                         |         |

| Age Group   | Population of Children | Children Tested |         | Old Cases |         | Children with BLL 5-9 $\mu\text{g/dL}$<br>New (Incident) Cases |         | Total (Prevalent) Cases |         |
|-------------|------------------------|-----------------|---------|-----------|---------|----------------------------------------------------------------|---------|-------------------------|---------|
|             |                        | Number          | Percent | Number    | Percent | Number                                                         | Percent | Number                  | Percent |
| Under One   | 88,763                 | 10,146          | 11.4    |           | 0.0     | 104                                                            | 1.0     | 104                     | 1.0     |
| One Year    | 88,034                 | 37,133          | 42.2    | 50        | 0.1     | 705                                                            | 1.9     | 755                     | 2.0     |
| Two Years   | 87,210                 | 31,224          | 35.8    | 175       | 0.6     | 507                                                            | 1.6     | 682                     | 2.2     |
| Three Years | 86,194                 | 11,284          | 13.1    | 122       | 1.1     | 173                                                            | 1.5     | 295                     | 2.6     |
| Four Years  | 84,960                 | 11,669          | 13.7    | 110       | 0.9     | 146                                                            | 1.3     | 256                     | 2.2     |
| Five Years  | 83,703                 | 8,626           | 10.3    | 70        | 0.8     | 89                                                             | 1.0     | 159                     | 1.8     |
| Total       | 518,864                | 110,082         | 21.2    | 527       | 0.5     | 1,724                                                          | 1.6     | 2,251                   | 2.0     |
| 6-17 Years  | 892,432                | 12,771          | 1.4     |           |         |                                                                |         |                         |         |

### Terms and definitions:

1. County assignment in the order of available address information is based on census tract or zip code of the address.
2. Population of children was projected from Maryland census population 2010, provided by the Maryland Data Center, Maryland Department of Planning, [www.planning.maryland.gov/msdc](http://www.planning.maryland.gov/msdc). Because of inherent problems with projection, the projected population may not correspond to the number of children tested. In such cases, the percentages are removed and replaced with an asterisk '\*'.
3. Old cases are based on the number of children who have had a blood lead test with blood lead level  $\geq 10$   $\mu\text{g/dL}$  or blood lead test of 5-9  $\mu\text{g/dL}$  in 2013 and had at least one such blood lead test in the past. Old cases are not determined for children 6-17 years old.
4. Incidence is based on the number of children with the very first blood lead test with blood lead level  $\geq 10$   $\mu\text{g/dL}$  or blood lead level of 5-9  $\mu\text{g/dL}$  in 2013. These children may have not been tested for lead in the past or all their previous blood lead tests were below 10  $\mu\text{g/dL}$ , or below 5  $\mu\text{g/dL}$ . Incidence data is not calculated for children 6-17 years old.
5. Prevalence is the number of children with at least one blood lead test with blood lead level  $\geq 10$   $\mu\text{g/dL}$  or 5-9  $\mu\text{g/dL}$  in 2013.
6. The selection of blood lead test is based on the highest blood lead level in 2013. If a child had multiple blood lead tests some in 5-9  $\mu\text{g/dL}$  range and some  $\geq 10$   $\mu\text{g/dL}$ , the child was counted in the  $\geq 10$  category only.