



## MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program

Childhood Blood Lead Surveillance in Maryland

Annual Report 2008

Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

Supplementary Data Tables: Supplement #5

*June, 2009*



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group                  | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|----------------------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|                            | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
| <b>Allegany County</b>     |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                  | 795                    | 37                     | 4.7         | 807                    | 26                     | 3.2         | 821                    | 46                     | 5.6         | 836                    | 24                     | 2.9         | 859                    | 23                     | 2.7         |
| One Year                   | 805                    | 516                    | 64.1        | 815                    | 477                    | 58.6        | 827                    | 491                    | 59.4        | 841                    | 553                    | 65.8        | 773                    | 550                    | 71.1        |
| Two Years                  | 843                    | 472                    | 56.0        | 845                    | 356                    | 42.1        | 855                    | 433                    | 50.7        | 867                    | 430                    | 49.6        | 910                    | 515                    | 56.6        |
| Three Years                | 814                    | 107                    | 13.1        | 815                    | 64                     | 7.9         | 817                    | 74                     | 9.1         | 826                    | 77                     | 9.3         | 881                    | 75                     | 8.5         |
| Four Years                 | 743                    | 107                    | 14.4        | 785                    | 77                     | 9.8         | 787                    | 77                     | 9.8         | 789                    | 89                     | 11.3        | 783                    | 79                     | 10.1        |
| Five Years                 | 747                    | 90                     | 12.0        | 754                    | 37                     | 4.9         | 797                    | 51                     | 6.4         | 798                    | 58                     | 7.3         | 760                    | 81                     | 10.7        |
| <b>Total</b>               | <b>4,747</b>           | <b>1,329</b>           | <b>28.0</b> | <b>4,821</b>           | <b>1,037</b>           | <b>21.5</b> | <b>4,904</b>           | <b>1,172</b>           | <b>23.9</b> | <b>4,957</b>           | <b>1,231</b>           | <b>24.8</b> | <b>4,966</b>           | <b>1,323</b>           | <b>26.6</b> |
| <b>Anne Arundel County</b> |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                  | 7,117                  | 628                    | 8.8         | 7,227                  | 634                    | 8.8         | 7,351                  | 582                    | 7.9         | 7,488                  | 570                    | 7.6         | 7,529                  | 551                    | 7.3         |
| One Year                   | 7,239                  | 2,654                  | 36.7        | 7,322                  | 2,548                  | 34.8        | 7,433                  | 2,534                  | 34.1        | 7,559                  | 2,711                  | 35.9        | 7,875                  | 2,845                  | 36.1        |
| Two Years                  | 7,062                  | 1,652                  | 23.4        | 7,082                  | 1,734                  | 24.5        | 7,161                  | 1,683                  | 23.5        | 7,268                  | 1,667                  | 22.9        | 7,166                  | 1,732                  | 24.2        |
| Three Years                | 7,082                  | 706                    | 10.0        | 7,092                  | 637                    | 9.0         | 7,111                  | 642                    | 9.0         | 7,189                  | 613                    | 8.5         | 7,285                  | 706                    | 9.7         |
| Four Years                 | 6,700                  | 636                    | 9.5         | 7,086                  | 581                    | 8.2         | 7,096                  | 515                    | 7.3         | 7,114                  | 589                    | 8.3         | 7,106                  | 546                    | 7.7         |
| Five Years                 | 6,695                  | 530                    | 7.9         | 6,767                  | 497                    | 7.3         | 7,153                  | 466                    | 6.5         | 7,160                  | 465                    | 6.5         | 7,130                  | 437                    | 6.1         |
| <b>Total</b>               | <b>41,895</b>          | <b>6,806</b>           | <b>16.2</b> | <b>42,575</b>          | <b>6,631</b>           | <b>15.6</b> | <b>43,306</b>          | <b>6,422</b>           | <b>14.8</b> | <b>43,779</b>          | <b>6,615</b>           | <b>15.1</b> | <b>44,090</b>          | <b>6,817</b>           | <b>15.5</b> |
| <b>Baltimore County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                  | 9,669                  | 1,551                  | 16.0        | 9,818                  | 1,483                  | 15.1        | 9,987                  | 1,662                  | 16.6        | 10,174                 | 1,807                  | 17.8        | 9,729                  | 1,564                  | 16.1        |
| One Year                   | 9,703                  | 4,774                  | 49.2        | 9,815                  | 4,783                  | 48.7        | 9,964                  | 5,300                  | 53.2        | 10,132                 | 5,679                  | 56.1        | 10,304                 | 5,632                  | 54.7        |
| Two Years                  | 9,647                  | 3,472                  | 36.0        | 9,675                  | 3,881                  | 40.1        | 9,783                  | 4,164                  | 42.6        | 9,929                  | 4,489                  | 45.2        | 9,893                  | 4,811                  | 48.6        |
| Three Years                | 9,677                  | 1,857                  | 19.2        | 9,691                  | 1,606                  | 16.6        | 9,717                  | 1,585                  | 16.3        | 9,824                  | 1,628                  | 16.6        | 10,384                 | 1,494                  | 14.4        |
| Four Years                 | 9,429                  | 1,927                  | 20.4        | 9,971                  | 1,592                  | 16.0        | 9,986                  | 1,498                  | 15.0        | 10,011                 | 1,510                  | 15.1        | 10,273                 | 1,313                  | 12.8        |
| Five Years                 | 9,080                  | 1,366                  | 15.0        | 9,180                  | 1,160                  | 12.6        | 9,711                  | 1,135                  | 11.7        | 9,725                  | 1,142                  | 11.7        | 9,963                  | 1,023                  | 10.3        |
| <b>Total</b>               | <b>57,205</b>          | <b>14,947</b>          | <b>26.1</b> | <b>58,150</b>          | <b>14,505</b>          | <b>24.9</b> | <b>59,148</b>          | <b>15,344</b>          | <b>25.9</b> | <b>59,794</b>          | <b>16,255</b>          | <b>27.2</b> | <b>60,547</b>          | <b>15,837</b>          | <b>26.2</b> |
| <b>Baltimore City</b>      |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                  | 9,465                  | 1,587                  | 16.8        | 9,611                  | 1,725                  | 17.9        | 9,776                  | 1,781                  | 18.2        | 9,959                  | 1,613                  | 16.2        | 10,508                 | 1,559                  | 14.8        |
| One Year                   | 9,087                  | 5,858                  | 64.5        | 9,192                  | 5,911                  | 64.3        | 9,331                  | 6,190                  | 66.3        | 9,488                  | 5,982                  | 63.0        | 9,685                  | 6,578                  | 67.9        |
| Two Years                  | 8,797                  | 4,745                  | 53.9        | 8,822                  | 4,572                  | 51.8        | 8,921                  | 4,719                  | 52.9        | 9,054                  | 4,736                  | 52.3        | 8,892                  | 5,106                  | 57.4        |
| Three Years                | 8,837                  | 2,592                  | 29.3        | 8,850                  | 2,302                  | 26.0        | 8,874                  | 2,245                  | 25.3        | 8,971                  | 2,194                  | 24.5        | 9,059                  | 2,214                  | 24.4        |
| Four Years                 | 8,200                  | 2,478                  | 30.2        | 8,671                  | 2,008                  | 23.2        | 8,684                  | 1,984                  | 22.8        | 8,706                  | 1,825                  | 21.0        | 9,165                  | 1,862                  | 20.3        |
| Five Years                 | 8,410                  | 1,710                  | 20.3        | 8,481                  | 1,425                  | 16.8        | 8,961                  | 1,444                  | 16.1        | 8,964                  | 1,320                  | 14.7        | 8,650                  | 1,303                  | 15.1        |
| <b>Total</b>               | <b>52,796</b>          | <b>18,970</b>          | <b>35.9</b> | <b>53,626</b>          | <b>17,943</b>          | <b>33.5</b> | <b>54,547</b>          | <b>18,363</b>          | <b>33.7</b> | <b>55,142</b>          | <b>17,670</b>          | <b>32.0</b> | <b>55,959</b>          | <b>18,622</b>          | <b>33.3</b> |

Refer to page 8 for terms and definitions.

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group              | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|------------------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|                        | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
| <b>Calvert County</b>  |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One              | 1,042                  | 98                     | 9.4         | 1,059                  | 69                     | 6.5         | 1,077                  | 65                     | 6.0         | 1,097                  | 102                    | 9.3         | 1,032                  | 162                    | 15.7        |
| One Year               | 1,010                  | 384                    | 38.0        | 1,022                  | 326                    | 31.9        | 1,037                  | 335                    | 32.3        | 1,055                  | 357                    | 33.8        | 1,179                  | 310                    | 26.3        |
| Two Years              | 1,136                  | 188                    | 16.5        | 1,139                  | 204                    | 17.9        | 1,152                  | 182                    | 15.8        | 1,169                  | 162                    | 13.9        | 1,090                  | 159                    | 14.6        |
| Three Years            | 1,099                  | 68                     | 6.2         | 1,101                  | 64                     | 5.8         | 1,104                  | 78                     | 7.1         | 1,116                  | 55                     | 4.9         | 1,132                  | 60                     | 5.3         |
| Four Years             | 1,108                  | 46                     | 4.2         | 1,171                  | 58                     | 5.0         | 1,173                  | 49                     | 4.2         | 1,176                  | 67                     | 5.7         | 1,184                  | 38                     | 3.2         |
| Five Years             | 1,109                  | 54                     | 4.9         | 1,131                  | 32                     | 2.8         | 1,193                  | 40                     | 3.4         | 1,197                  | 42                     | 3.5         | 1,246                  | 39                     | 3.1         |
| <b>Total</b>           | <b>6,504</b>           | <b>838</b>             | <b>12.9</b> | <b>6,623</b>           | <b>753</b>             | <b>11.4</b> | <b>6,737</b>           | <b>749</b>             | <b>11.1</b> | <b>6,810</b>           | <b>785</b>             | <b>11.5</b> | <b>6,864</b>           | <b>768</b>             | <b>11.2</b> |
| <b>Caroline County</b> |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One              | 374                    | 13                     | 3.5         | 380                    | 36                     | 9.5         | 386                    | 26                     | 6.7         | 393                    | 27                     | 6.9         | 365                    | 19                     | 5.2         |
| One Year               | 358                    | 328                    | 91.6        | 362                    | 321                    | 88.8        | 367                    | 365                    | 99.4        | 373                    | 374                    | 100.2       | 389                    | 353                    | 90.7        |
| Two Years              | 389                    | 236                    | 60.7        | 390                    | 262                    | 67.2        | 394                    | 294                    | 74.6        | 400                    | 297                    | 74.3        | 471                    | 322                    | 68.4        |
| Three Years            | 455                    | 88                     | 19.3        | 455                    | 96                     | 21.1        | 457                    | 93                     | 20.4        | 462                    | 58                     | 12.6        | 460                    | 70                     | 15.2        |
| Four Years             | 385                    | 84                     | 21.8        | 407                    | 84                     | 20.6        | 408                    | 72                     | 17.7        | 409                    | 60                     | 14.7        | 393                    | 49                     | 12.5        |
| Five Years             | 418                    | 45                     | 10.8        | 428                    | 50                     | 11.7        | 452                    | 43                     | 9.5         | 453                    | 40                     | 8.8         | 418                    | 39                     | 9.3         |
| <b>Total</b>           | <b>2,379</b>           | <b>794</b>             | <b>33.4</b> | <b>2,422</b>           | <b>849</b>             | <b>35.1</b> | <b>2,463</b>           | <b>893</b>             | <b>36.3</b> | <b>2,490</b>           | <b>856</b>             | <b>34.4</b> | <b>2,497</b>           | <b>852</b>             | <b>34.1</b> |
| <b>Carroll County</b>  |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One              | 2,029                  | 170                    | 8.4         | 2,061                  | 174                    | 8.4         | 2,096                  | 178                    | 8.5         | 2,135                  | 146                    | 6.8         | 1,999                  | 138                    | 6.9         |
| One Year               | 2,092                  | 493                    | 23.6        | 2,116                  | 559                    | 26.4        | 2,148                  | 541                    | 25.2        | 2,184                  | 569                    | 26.1        | 2,323                  | 626                    | 27.0        |
| Two Years              | 2,207                  | 225                    | 10.2        | 2,213                  | 269                    | 12.2        | 2,238                  | 264                    | 11.8        | 2,271                  | 280                    | 12.3        | 2,414                  | 269                    | 11.1        |
| Three Years            | 2,226                  | 143                    | 6.4         | 2,230                  | 170                    | 7.6         | 2,236                  | 147                    | 6.6         | 2,260                  | 169                    | 7.5         | 2,302                  | 107                    | 4.6         |
| Four Years             | 2,190                  | 154                    | 7.0         | 2,316                  | 143                    | 6.2         | 2,320                  | 134                    | 5.8         | 2,326                  | 133                    | 5.7         | 2,390                  | 94                     | 3.9         |
| Five Years             | 2,194                  | 138                    | 6.3         | 2,238                  | 145                    | 6.5         | 2,362                  | 114                    | 4.8         | 2,370                  | 107                    | 4.5         | 2,445                  | 109                    | 4.5         |
| <b>Total</b>           | <b>12,938</b>          | <b>1,323</b>           | <b>10.2</b> | <b>13,173</b>          | <b>1,460</b>           | <b>11.1</b> | <b>13,400</b>          | <b>1,378</b>           | <b>10.3</b> | <b>13,546</b>          | <b>1,404</b>           | <b>10.4</b> | <b>13,872</b>          | <b>1,343</b>           | <b>9.7</b>  |
| <b>Cecil County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One              | 1,262                  | 67                     | 5.3         | 1,282                  | 65                     | 5.1         | 1,304                  | 76                     | 5.8         | 1,328                  | 87                     | 6.6         | 1,232                  | 119                    | 9.7         |
| One Year               | 1,248                  | 469                    | 37.6        | 1,262                  | 450                    | 35.7        | 1,281                  | 489                    | 38.2        | 1,303                  | 535                    | 41.1        | 1,457                  | 549                    | 37.7        |
| Two Years              | 1,281                  | 146                    | 11.4        | 1,284                  | 129                    | 10.0        | 1,299                  | 161                    | 12.4        | 1,318                  | 169                    | 12.8        | 1,447                  | 189                    | 13.1        |
| Three Years            | 1,262                  | 134                    | 10.6        | 1,264                  | 140                    | 11.1        | 1,268                  | 98                     | 7.7         | 1,281                  | 149                    | 11.6        | 1,018                  | 151                    | 14.8        |
| Four Years             | 1,280                  | 143                    | 11.2        | 1,353                  | 155                    | 11.5        | 1,355                  | 131                    | 9.7         | 1,359                  | 139                    | 10.2        | 1,527                  | 127                    | 8.3         |
| Five Years             | 1,215                  | 114                    | 9.4         | 1,232                  | 107                    | 8.7         | 1,302                  | 103                    | 7.9         | 1,305                  | 107                    | 8.2         | 1,284                  | 130                    | 10.1        |
| <b>Total</b>           | <b>7,548</b>           | <b>1,073</b>           | <b>14.2</b> | <b>7,677</b>           | <b>1,046</b>           | <b>13.6</b> | <b>7,808</b>           | <b>1,058</b>           | <b>13.5</b> | <b>7,894</b>           | <b>1,186</b>           | <b>15.0</b> | <b>7,965</b>           | <b>1,265</b>           | <b>15.9</b> |

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**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group                | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|--------------------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|                          | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
| <b>Charles County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 1,744                  | 246                    | 14.1        | 1,770                  | 231                    | 13.0        | 1,801                  | 265                    | 14.7        | 1,835                  | 261                    | 14.2        | 2,037                  | 272                    | 13.4        |
| One Year                 | 1,843                  | 612                    | 33.2        | 1,864                  | 471                    | 25.3        | 1,892                  | 552                    | 29.2        | 1,924                  | 639                    | 33.2        | 1,672                  | 610                    | 36.5        |
| Two Years                | 1,907                  | 516                    | 27.1        | 1,912                  | 522                    | 27.3        | 1,934                  | 489                    | 25.3        | 1,962                  | 493                    | 25.1        | 1,961                  | 571                    | 29.1        |
| Three Years              | 1,856                  | 243                    | 13.1        | 1,859                  | 223                    | 12.0        | 1,864                  | 255                    | 13.7        | 1,885                  | 240                    | 12.7        | 2,131                  | 248                    | 11.6        |
| Four Years               | 1,800                  | 255                    | 14.2        | 1,903                  | 223                    | 11.7        | 1,906                  | 229                    | 12.0        | 1,911                  | 219                    | 11.5        | 1,957                  | 188                    | 9.6         |
| Five Years               | 1,869                  | 168                    | 9.0         | 1,903                  | 141                    | 7.4         | 2,008                  | 129                    | 6.4         | 2,012                  | 147                    | 7.3         | 2,244                  | 143                    | 6.4         |
| <b>Total</b>             | <b>11,019</b>          | <b>2,040</b>           | <b>18.5</b> | <b>11,212</b>          | <b>1,811</b>           | <b>16.2</b> | <b>11,404</b>          | <b>1,919</b>           | <b>16.8</b> | <b>11,529</b>          | <b>1,999</b>           | <b>17.3</b> | <b>12,001</b>          | <b>2,032</b>           | <b>16.9</b> |
| <b>Dorchester County</b> |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 359                    | 15                     | 4.2         | 364                    | 13                     | 3.6         | 371                    | 25                     | 6.7         | 377                    | 12                     | 3.2         | 397                    | 16                     | 4.0         |
| One Year                 | 329                    | 227                    | 69.0        | 332                    | 267                    | 80.3        | 337                    | 274                    | 81.2        | 343                    | 293                    | 85.4        | 400                    | 291                    | 72.8        |
| Two Years                | 369                    | 143                    | 38.8        | 370                    | 157                    | 42.4        | 374                    | 219                    | 58.5        | 380                    | 207                    | 54.5        | 341                    | 226                    | 66.2        |
| Three Years              | 362                    | 98                     | 27.1        | 363                    | 71                     | 19.6        | 364                    | 83                     | 22.8        | 368                    | 81                     | 22.0        | 399                    | 62                     | 15.6        |
| Four Years               | 337                    | 106                    | 31.5        | 356                    | 62                     | 17.4        | 357                    | 60                     | 16.8        | 358                    | 56                     | 15.6        | 351                    | 51                     | 14.5        |
| Five Years               | 350                    | 40                     | 11.4        | 355                    | 39                     | 11.0        | 374                    | 23                     | 6.1         | 375                    | 27                     | 7.2         | 379                    | 34                     | 9.0         |
| <b>Total</b>             | <b>2,106</b>           | <b>629</b>             | <b>29.9</b> | <b>2,141</b>           | <b>609</b>             | <b>28.5</b> | <b>2,177</b>           | <b>684</b>             | <b>31.4</b> | <b>2,201</b>           | <b>676</b>             | <b>30.7</b> | <b>2,266</b>           | <b>680</b>             | <b>30.0</b> |
| <b>Frederick County</b>  |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 2,873                  | 222                    | 7.7         | 2,917                  | 257                    | 8.8         | 2,968                  | 219                    | 7.4         | 3,023                  | 217                    | 7.2         | 3,517                  | 156                    | 4.4         |
| One Year                 | 3,014                  | 1,120                  | 37.2        | 3,049                  | 1,165                  | 38.2        | 3,095                  | 1,279                  | 41.3        | 3,147                  | 1,488                  | 47.3        | 3,026                  | 1,428                  | 47.2        |
| Two Years                | 3,030                  | 487                    | 16.1        | 3,038                  | 524                    | 17.2        | 3,072                  | 564                    | 18.4        | 3,118                  | 638                    | 20.5        | 3,112                  | 695                    | 22.3        |
| Three Years              | 3,068                  | 371                    | 12.1        | 3,073                  | 335                    | 10.9        | 3,081                  | 305                    | 9.9         | 3,115                  | 369                    | 11.8        | 3,426                  | 341                    | 10.0        |
| Four Years               | 2,960                  | 351                    | 11.9        | 3,130                  | 395                    | 12.6        | 3,135                  | 371                    | 11.8        | 3,143                  | 380                    | 12.1        | 2,834                  | 406                    | 14.3        |
| Five Years               | 2,920                  | 245                    | 8.4         | 2,965                  | 343                    | 11.6        | 3,133                  | 370                    | 11.8        | 3,140                  | 373                    | 11.9        | 3,270                  | 350                    | 10.7        |
| <b>Total</b>             | <b>17,865</b>          | <b>2,796</b>           | <b>15.7</b> | <b>18,172</b>          | <b>3,019</b>           | <b>16.6</b> | <b>18,484</b>          | <b>3,108</b>           | <b>16.8</b> | <b>18,686</b>          | <b>3,465</b>           | <b>18.5</b> | <b>19,184</b>          | <b>3,376</b>           | <b>17.6</b> |
| <b>Garrett County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 391                    | 36                     | 9.2         | 397                    | 32                     | 8.1         | 404                    | 21                     | 5.2         | 412                    | 19                     | 4.6         | 514                    | 14                     | 2.7         |
| One Year                 | 383                    | 169                    | 44.1        | 388                    | 166                    | 42.8        | 394                    | 183                    | 46.5        | 400                    | 197                    | 49.2        | 364                    | 199                    | 54.7        |
| Two Years                | 391                    | 139                    | 35.5        | 392                    | 137                    | 35.0        | 396                    | 156                    | 39.4        | 402                    | 166                    | 41.3        | 442                    | 152                    | 34.4        |
| Three Years              | 373                    | 86                     | 23.1        | 374                    | 71                     | 19.0        | 375                    | 68                     | 18.1        | 379                    | 67                     | 17.7        | 356                    | 43                     | 12.1        |
| Four Years               | 386                    | 87                     | 22.5        | 408                    | 59                     | 14.5        | 409                    | 37                     | 9.1         | 410                    | 47                     | 11.5        | 381                    | 33                     | 8.7         |
| Five Years               | 399                    | 46                     | 11.5        | 406                    | 67                     | 16.5        | 428                    | 30                     | 7.0         | 429                    | 45                     | 10.5        | 410                    | 38                     | 9.3         |
| <b>Total</b>             | <b>2,323</b>           | <b>563</b>             | <b>24.2</b> | <b>2,365</b>           | <b>532</b>             | <b>22.5</b> | <b>2,406</b>           | <b>495</b>             | <b>20.6</b> | <b>2,432</b>           | <b>541</b>             | <b>22.2</b> | <b>2,468</b>           | <b>479</b>             | <b>19.4</b> |

Refer to page 8 for terms and definitions.

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group                | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|--------------------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|                          | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
| <b>Harford County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 3,237                  | 348                    | 10.8        | 3,287                  | 360                    | 11.0        | 3,344                  | 408                    | 12.2        | 3,406                  | 525                    | 15.4        | 3,464                  | 561                    | 16.2        |
| One Year                 | 3,395                  | 906                    | 26.7        | 3,434                  | 933                    | 27.2        | 3,486                  | 958                    | 27.5        | 3,545                  | 1,015                  | 28.6        | 3,723                  | 1,019                  | 27.4        |
| Two Years                | 3,345                  | 693                    | 20.7        | 3,354                  | 648                    | 19.3        | 3,392                  | 743                    | 21.9        | 3,443                  | 768                    | 22.3        | 3,568                  | 781                    | 21.9        |
| Three Years              | 3,537                  | 413                    | 11.7        | 3,542                  | 326                    | 9.2         | 3,552                  | 333                    | 9.4         | 3,591                  | 368                    | 10.2        | 3,470                  | 303                    | 8.7         |
| Four Years               | 3,263                  | 468                    | 14.3        | 3,451                  | 394                    | 11.4        | 3,456                  | 353                    | 10.2        | 3,465                  | 364                    | 10.5        | 3,440                  | 335                    | 9.7         |
| Five Years               | 3,255                  | 342                    | 10.5        | 3,302                  | 278                    | 8.4         | 3,491                  | 246                    | 7.0         | 3,498                  | 306                    | 8.7         | 3,339                  | 259                    | 7.8         |
| <b>Total</b>             | <b>20,032</b>          | <b>3,170</b>           | <b>15.8</b> | <b>20,371</b>          | <b>2,939</b>           | <b>14.4</b> | <b>20,721</b>          | <b>3,041</b>           | <b>14.7</b> | <b>20,947</b>          | <b>3,346</b>           | <b>16.0</b> | <b>21,005</b>          | <b>3,258</b>           | <b>15.5</b> |
| <b>Howard County</b>     |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 3,767                  | 276                    | 7.3         | 3,825                  | 254                    | 6.6         | 3,890                  | 235                    | 6.0         | 3,963                  | 245                    | 6.2         | 4,125                  | 269                    | 6.5         |
| One Year                 | 3,768                  | 753                    | 20.0        | 3,811                  | 787                    | 20.7        | 3,869                  | 752                    | 19.4        | 3,934                  | 804                    | 20.4        | 4,020                  | 930                    | 23.1        |
| Two Years                | 3,924                  | 507                    | 12.9        | 3,935                  | 457                    | 11.6        | 3,979                  | 498                    | 12.5        | 4,039                  | 538                    | 13.3        | 4,206                  | 570                    | 13.6        |
| Three Years              | 4,066                  | 310                    | 7.6         | 4,072                  | 286                    | 7.0         | 4,083                  | 246                    | 6.0         | 4,128                  | 311                    | 7.5         | 4,301                  | 285                    | 6.6         |
| Four Years               | 3,876                  | 283                    | 7.3         | 4,099                  | 275                    | 6.7         | 4,105                  | 265                    | 6.5         | 4,115                  | 241                    | 5.9         | 3,760                  | 261                    | 6.9         |
| Five Years               | 3,877                  | 209                    | 5.4         | 3,945                  | 214                    | 5.4         | 4,166                  | 192                    | 4.6         | 4,177                  | 195                    | 4.7         | 4,365                  | 178                    | 4.1         |
| <b>Total</b>             | <b>23,278</b>          | <b>2,338</b>           | <b>10.0</b> | <b>23,686</b>          | <b>2,273</b>           | <b>9.6</b>  | <b>24,092</b>          | <b>2,188</b>           | <b>9.1</b>  | <b>24,355</b>          | <b>2,334</b>           | <b>9.6</b>  | <b>24,777</b>          | <b>2,493</b>           | <b>10.1</b> |
| <b>Kent County</b>       |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 211                    | 20                     | 9.5         | 214                    | 8                      | 3.7         | 218                    | 30                     | 13.8        | 222                    | 37                     | 16.7        | 207                    | 29                     | 14.0        |
| One Year                 | 195                    | 96                     | 49.2        | 198                    | 77                     | 39.0        | 201                    | 113                    | 56.3        | 204                    | 129                    | 63.2        | 242                    | 110                    | 45.4        |
| Two Years                | 190                    | 54                     | 28.4        | 191                    | 44                     | 23.0        | 193                    | 71                     | 36.8        | 196                    | 85                     | 43.4        | 200                    | 99                     | 49.4        |
| Three Years              | 176                    | 19                     | 10.8        | 176                    | 21                     | 11.9        | 177                    | 18                     | 10.2        | 179                    | 41                     | 23.0        | 158                    | 22                     | 14.0        |
| Four Years               | 173                    | 13                     | 7.5         | 183                    | 13                     | 7.1         | 183                    | 18                     | 9.8         | 184                    | 28                     | 15.2        | 188                    | 27                     | 14.4        |
| Five Years               | 199                    | 6                      | 3.0         | 203                    | 9                      | 4.4         | 213                    | 7                      | 3.3         | 213                    | 14                     | 6.6         | 247                    | 16                     | 6.5         |
| <b>Total</b>             | <b>1,144</b>           | <b>208</b>             | <b>18.2</b> | <b>1,164</b>           | <b>172</b>             | <b>14.8</b> | <b>1,184</b>           | <b>257</b>             | <b>21.7</b> | <b>1,197</b>           | <b>334</b>             | <b>27.9</b> | <b>1,242</b>           | <b>303</b>             | <b>24.4</b> |
| <b>Montgomery County</b> |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 13,155                 | 2,936                  | 22.3        | 13,358                 | 3,324                  | 24.9        | 13,588                 | 3,458                  | 25.4        | 13,842                 | 3,718                  | 26.9        | 13,897                 | 3,787                  | 27.2        |
| One Year                 | 12,822                 | 3,949                  | 30.8        | 12,969                 | 3,998                  | 30.8        | 13,165                 | 4,462                  | 33.9        | 13,388                 | 4,831                  | 36.1        | 13,450                 | 4,706                  | 35.0        |
| Two Years                | 12,845                 | 3,032                  | 23.6        | 12,882                 | 3,371                  | 26.2        | 13,027                 | 3,790                  | 29.1        | 13,221                 | 4,057                  | 30.7        | 13,925                 | 4,604                  | 33.1        |
| Three Years              | 12,799                 | 2,052                  | 16.0        | 12,818                 | 1,907                  | 14.9        | 12,852                 | 2,005                  | 15.6        | 12,993                 | 2,053                  | 15.8        | 12,699                 | 1,955                  | 15.4        |
| Four Years               | 12,389                 | 2,532                  | 20.4        | 13,101                 | 2,273                  | 17.3        | 13,121                 | 2,359                  | 18.0        | 13,153                 | 2,229                  | 16.9        | 13,722                 | 2,221                  | 16.2        |
| Five Years               | 11,857                 | 1,433                  | 12.1        | 11,958                 | 1,480                  | 12.4        | 12,656                 | 1,337                  | 10.6        | 12,667                 | 1,386                  | 10.9        | 12,569                 | 1,314                  | 10.5        |
| <b>Total</b>             | <b>75,867</b>          | <b>15,934</b>          | <b>21.0</b> | <b>77,085</b>          | <b>16,353</b>          | <b>21.2</b> | <b>78,408</b>          | <b>17,411</b>          | <b>22.2</b> | <b>79,264</b>          | <b>18,274</b>          | <b>23.1</b> | <b>80,262</b>          | <b>18,587</b>          | <b>23.2</b> |

Refer to page 8 for terms and definitions.

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group                     | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|-------------------------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|                               | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
| <b>Prince George's County</b> |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                     | 12,227                 | 1,841                  | 15.1        | 12,415                 | 1,743                  | 14.0        | 12,629                 | 1,858                  | 14.7        | 12,865                 | 1,865                  | 14.5        | 13,496                 | 1,822                  | 13.5        |
| One Year                      | 12,432                 | 5,547                  | 44.6        | 12,575                 | 5,318                  | 42.3        | 12,765                 | 5,824                  | 45.6        | 12,981                 | 5,632                  | 43.4        | 13,315                 | 5,899                  | 44.3        |
| Two Years                     | 12,500                 | 4,162                  | 33.3        | 12,535                 | 3,954                  | 31.5        | 12,676                 | 4,033                  | 31.8        | 12,865                 | 4,024                  | 31.3        | 12,790                 | 4,323                  | 33.8        |
| Three Years                   | 12,587                 | 2,705                  | 21.5        | 12,605                 | 2,288                  | 18.2        | 12,639                 | 2,319                  | 18.3        | 12,778                 | 2,305                  | 18.0        | 12,746                 | 2,455                  | 19.3        |
| Four Years                    | 11,890                 | 3,243                  | 27.3        | 12,573                 | 2,654                  | 21.1        | 12,592                 | 2,653                  | 21.1        | 12,623                 | 2,528                  | 20.0        | 12,855                 | 2,506                  | 19.5        |
| Five Years                    | 11,862                 | 2,287                  | 19.3        | 12,010                 | 1,949                  | 16.2        | 12,695                 | 1,874                  | 14.8        | 12,714                 | 1,717                  | 13.5        | 12,423                 | 1,727                  | 13.9        |
| <b>Total</b>                  | <b>73,498</b>          | <b>19,785</b>          | <b>26.9</b> | <b>74,714</b>          | <b>17,906</b>          | <b>24.0</b> | <b>75,996</b>          | <b>18,561</b>          | <b>24.4</b> | <b>76,826</b>          | <b>18,071</b>          | <b>23.5</b> | <b>77,625</b>          | <b>18,732</b>          | <b>24.1</b> |
| <b>Queen Anne's County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                     | 573                    | 36                     | 6.3         | 582                    | 29                     | 5.0         | 592                    | 38                     | 6.4         | 603                    | 43                     | 7.1         | 611                    | 45                     | 7.4         |
| One Year                      | 554                    | 160                    | 28.9        | 560                    | 189                    | 33.7        | 569                    | 273                    | 48.0        | 579                    | 281                    | 48.6        | 599                    | 233                    | 38.9        |
| Two Years                     | 532                    | 137                    | 25.8        | 533                    | 137                    | 25.7        | 539                    | 174                    | 32.3        | 547                    | 188                    | 34.3        | 614                    | 157                    | 25.6        |
| Three Years                   | 589                    | 57                     | 9.7         | 590                    | 58                     | 9.8         | 591                    | 65                     | 11.0        | 598                    | 76                     | 12.7        | 697                    | 77                     | 11.0        |
| Four Years                    | 510                    | 27                     | 5.3         | 539                    | 50                     | 9.3         | 540                    | 75                     | 13.9        | 542                    | 66                     | 12.2        | 408                    | 56                     | 13.7        |
| Five Years                    | 554                    | 36                     | 6.5         | 562                    | 21                     | 3.7         | 593                    | 34                     | 5.7         | 594                    | 49                     | 8.2         | 654                    | 26                     | 4.0         |
| <b>Total</b>                  | <b>3,312</b>           | <b>453</b>             | <b>13.7</b> | <b>3,367</b>           | <b>484</b>             | <b>14.4</b> | <b>3,425</b>           | <b>659</b>             | <b>19.2</b> | <b>3,462</b>           | <b>703</b>             | <b>20.3</b> | <b>3,583</b>           | <b>594</b>             | <b>16.6</b> |
| <b>Saint Mary's County</b>    |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                     | 1,271                  | 178                    | 14.0        | 1,290                  | 221                    | 17.1        | 1,313                  | 250                    | 19.0        | 1,337                  | 253                    | 18.9        | 1,430                  | 202                    | 14.1        |
| One Year                      | 1,335                  | 551                    | 41.3        | 1,350                  | 516                    | 38.2        | 1,370                  | 549                    | 40.1        | 1,394                  | 549                    | 39.4        | 1,415                  | 607                    | 42.9        |
| Two Years                     | 1,402                  | 359                    | 25.6        | 1,406                  | 399                    | 28.4        | 1,422                  | 427                    | 30.0        | 1,443                  | 418                    | 29.0        | 1,368                  | 467                    | 34.1        |
| Three Years                   | 1,346                  | 142                    | 10.5        | 1,348                  | 112                    | 8.3         | 1,352                  | 142                    | 10.5        | 1,366                  | 111                    | 8.1         | 1,515                  | 120                    | 7.9         |
| Four Years                    | 1,282                  | 99                     | 7.7         | 1,355                  | 87                     | 6.4         | 1,357                  | 86                     | 6.3         | 1,361                  | 75                     | 5.5         | 1,307                  | 70                     | 5.4         |
| Five Years                    | 1,370                  | 61                     | 4.5         | 1,395                  | 46                     | 3.3         | 1,471                  | 63                     | 4.3         | 1,474                  | 62                     | 4.2         | 1,512                  | 51                     | 3.4         |
| <b>Total</b>                  | <b>8,006</b>           | <b>1,390</b>           | <b>17.4</b> | <b>8,145</b>           | <b>1,381</b>           | <b>17.0</b> | <b>8,285</b>           | <b>1,517</b>           | <b>18.3</b> | <b>8,375</b>           | <b>1,468</b>           | <b>17.5</b> | <b>8,548</b>           | <b>1,517</b>           | <b>17.7</b> |
| <b>Somerset County</b>        |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                     | 274                    | 37                     | 13.5        | 278                    | 29                     | 10.4        | 283                    | 38                     | 13.4        | 288                    | 39                     | 13.5        | 286                    | 22                     | 7.7         |
| One Year                      | 229                    | 171                    | 74.7        | 231                    | 168                    | 72.6        | 235                    | 186                    | 79.2        | 239                    | 208                    | 87.1        | 194                    | 183                    | 94.6        |
| Two Years                     | 255                    | 132                    | 51.8        | 256                    | 157                    | 61.4        | 259                    | 172                    | 66.5        | 262                    | 170                    | 64.8        | 281                    | 206                    | 73.4        |
| Three Years                   | 250                    | 56                     | 22.4        | 250                    | 65                     | 26.0        | 251                    | 52                     | 20.7        | 254                    | 51                     | 20.1        | 263                    | 60                     | 22.8        |
| Four Years                    | 265                    | 58                     | 21.9        | 281                    | 45                     | 16.0        | 281                    | 39                     | 13.9        | 282                    | 44                     | 15.6        | 286                    | 35                     | 12.2        |
| Five Years                    | 235                    | 23                     | 9.8         | 238                    | 24                     | 10.1        | 252                    | 19                     | 7.5         | 252                    | 17                     | 6.7         | 212                    | 16                     | 7.5         |
| <b>Total</b>                  | <b>1,508</b>           | <b>477</b>             | <b>31.6</b> | <b>1,534</b>           | <b>488</b>             | <b>31.8</b> | <b>1,560</b>           | <b>506</b>             | <b>32.4</b> | <b>1,577</b>           | <b>529</b>             | <b>33.5</b> | <b>1,521</b>           | <b>522</b>             | <b>34.3</b> |

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**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group                | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|--------------------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|                          | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
| <b>Talbot County</b>     |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 366                    | 7                      | 1.9         | 372                    | 16                     | 4.3         | 378                    | 18                     | 4.8         | 385                    | 21                     | 5.4         | 327                    | 15                     | 4.6         |
| One Year                 | 327                    | 217                    | 66.4        | 331                    | 254                    | 76.7        | 336                    | 268                    | 79.7        | 342                    | 304                    | 88.9        | 377                    | 261                    | 69.2        |
| Two Years                | 387                    | 147                    | 38.0        | 389                    | 161                    | 41.4        | 393                    | 215                    | 54.7        | 399                    | 238                    | 59.7        | 458                    | 239                    | 52.2        |
| Three Years              | 401                    | 44                     | 11.0        | 402                    | 72                     | 17.9        | 403                    | 53                     | 13.2        | 407                    | 75                     | 18.4        | 437                    | 39                     | 8.9         |
| Four Years               | 380                    | 36                     | 9.5         | 402                    | 45                     | 11.2        | 402                    | 49                     | 12.2        | 403                    | 35                     | 8.7         | 375                    | 29                     | 7.7         |
| Five Years               | 383                    | 37                     | 9.7         | 391                    | 25                     | 6.4         | 413                    | 33                     | 8.0         | 414                    | 29                     | 7.0         | 425                    | 29                     | 6.8         |
| <b>Total</b>             | <b>2,244</b>           | <b>488</b>             | <b>21.7</b> | <b>2,286</b>           | <b>573</b>             | <b>25.1</b> | <b>2,326</b>           | <b>636</b>             | <b>27.3</b> | <b>2,351</b>           | <b>702</b>             | <b>29.9</b> | <b>2,399</b>           | <b>612</b>             | <b>25.5</b> |
| <b>Washington County</b> |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 1,788                  | 91                     | 5.1         | 1,816                  | 146                    | 8.0         | 1,847                  | 121                    | 6.6         | 1,881                  | 124                    | 6.6         | 1,897                  | 96                     | 5.1         |
| One Year                 | 1,690                  | 988                    | 58.5        | 1,710                  | 1,065                  | 62.3        | 1,735                  | 1,020                  | 58.8        | 1,765                  | 1,108                  | 62.8        | 1,710                  | 1,098                  | 64.2        |
| Two Years                | 1,760                  | 620                    | 35.2        | 1,765                  | 759                    | 43.0        | 1,785                  | 729                    | 40.8        | 1,811                  | 760                    | 42.0        | 2,033                  | 868                    | 42.7        |
| Three Years              | 1,767                  | 380                    | 21.5        | 1,770                  | 382                    | 21.6        | 1,775                  | 327                    | 18.4        | 1,794                  | 330                    | 18.4        | 1,726                  | 312                    | 18.1        |
| Four Years               | 1,624                  | 494                    | 30.4        | 1,717                  | 441                    | 25.7        | 1,720                  | 415                    | 24.1        | 1,724                  | 392                    | 22.7        | 1,848                  | 366                    | 19.8        |
| Five Years               | 1,623                  | 456                    | 28.1        | 1,637                  | 442                    | 27.0        | 1,732                  | 400                    | 23.1        | 1,733                  | 350                    | 20.2        | 1,899                  | 301                    | 15.8        |
| <b>Total</b>             | <b>10,252</b>          | <b>3,029</b>           | <b>29.5</b> | <b>10,414</b>          | <b>3,235</b>           | <b>31.1</b> | <b>10,593</b>          | <b>3,012</b>           | <b>28.4</b> | <b>10,709</b>          | <b>3,064</b>           | <b>28.6</b> | <b>11,113</b>          | <b>3,041</b>           | <b>27.4</b> |
| <b>Wicomico County</b>   |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 1,206                  | 142                    | 11.8        | 1,224                  | 146                    | 11.9        | 1,245                  | 225                    | 18.1        | 1,268                  | 218                    | 17.2        | 1,266                  | 97                     | 7.7         |
| One Year                 | 1,103                  | 653                    | 59.2        | 1,115                  | 697                    | 62.5        | 1,132                  | 718                    | 63.4        | 1,151                  | 1,053                  | 91.5        | 1,219                  | 890                    | 73.0        |
| Two Years                | 1,138                  | 511                    | 44.9        | 1,142                  | 609                    | 53.3        | 1,154                  | 725                    | 62.8        | 1,172                  | 855                    | 73.0        | 1,184                  | 807                    | 68.2        |
| Three Years              | 1,217                  | 230                    | 18.9        | 1,219                  | 252                    | 20.7        | 1,222                  | 307                    | 25.1        | 1,236                  | 399                    | 32.3        | 1,297                  | 273                    | 21.0        |
| Four Years               | 1,000                  | 223                    | 22.3        | 1,058                  | 218                    | 20.6        | 1,059                  | 273                    | 25.8        | 1,062                  | 306                    | 28.8        | 933                    | 215                    | 23.0        |
| Five Years               | 1,072                  | 158                    | 14.7        | 1,080                  | 174                    | 16.1        | 1,142                  | 192                    | 16.8        | 1,142                  | 144                    | 12.6        | 1,099                  | 138                    | 12.6        |
| <b>Total</b>             | <b>6,736</b>           | <b>1,917</b>           | <b>28.5</b> | <b>6,838</b>           | <b>2,096</b>           | <b>30.7</b> | <b>6,955</b>           | <b>2,440</b>           | <b>35.1</b> | <b>7,031</b>           | <b>2,975</b>           | <b>42.3</b> | <b>6,998</b>           | <b>2,420</b>           | <b>34.6</b> |
| <b>Worcester County</b>  |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One                | 514                    | 43                     | 8.4         | 522                    | 42                     | 8.0         | 531                    | 58                     | 10.9        | 541                    | 66                     | 12.2        | 547                    | 26                     | 4.8         |
| One Year                 | 486                    | 237                    | 48.8        | 492                    | 239                    | 48.6        | 499                    | 335                    | 67.1        | 508                    | 293                    | 57.7        | 513                    | 337                    | 65.7        |
| Two Years                | 522                    | 159                    | 30.5        | 524                    | 208                    | 39.7        | 529                    | 230                    | 43.4        | 537                    | 316                    | 58.8        | 607                    | 277                    | 45.6        |
| Three Years              | 463                    | 93                     | 20.1        | 464                    | 86                     | 18.5        | 465                    | 128                    | 27.5        | 470                    | 138                    | 29.3        | 466                    | 123                    | 26.4        |
| Four Years               | 435                    | 93                     | 21.4        | 461                    | 75                     | 16.3        | 461                    | 134                    | 29.1        | 462                    | 74                     | 16.0        | 455                    | 92                     | 20.2        |
| Five Years               | 484                    | 50                     | 10.3        | 489                    | 46                     | 9.4         | 516                    | 77                     | 14.9        | 516                    | 60                     | 11.6        | 561                    | 55                     | 9.8         |
| <b>Total</b>             | <b>2,904</b>           | <b>675</b>             | <b>23.2</b> | <b>2,952</b>           | <b>696</b>             | <b>23.6</b> | <b>3,002</b>           | <b>962</b>             | <b>32.0</b> | <b>3,035</b>           | <b>947</b>             | <b>31.2</b> | <b>3,148</b>           | <b>910</b>             | <b>28.9</b> |

Refer to page 8 for terms and definitions.

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2004-2008

| Age Group    | 2004                   |                        |             | 2005                   |                        |             | 2006                   |                        |             | 2007                   |                        |             | 2008                   |                        |             |
|--------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|------------------------|------------------------|-------------|
|              | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     | Population of Children | Children Tested Number | Percent     |
|              | <b>Statewide</b>       |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |                        |                        |             |
| Under One    | 75,709                 | 10,981                 | 14.5        | 76,876                 | 11,112                 | 14.5        | 78,199                 | 11,702                 | 15.0        | 79,659                 | 12,063                 | 15.1        | 81,272                 | 11,572                 | 14.2        |
| One Year     | 75,447                 | 33,011                 | 43.8        | 76,314                 | 31,782                 | 41.6        | 77,470                 | 34,065                 | 44.0        | 78,779                 | 35,686                 | 45.3        | 80,225                 | 36,272                 | 45.2        |
| Two Years    | 75,859                 | 23,732                 | 31.3        | 76,074                 | 23,741                 | 31.2        | 76,927                 | 25,186                 | 32.7        | 78,074                 | 26,217                 | 33.6        | 79,371                 | 28,162                 | 35.5        |
| Three Years  | 76,309                 | 13,450                 | 17.6        | 76,422                 | 11,678                 | 15.3        | 76,629                 | 11,687                 | 15.3        | 77,470                 | 11,990                 | 15.5        | 78,608                 | 11,602                 | 14.8        |
| Four Years   | 72,605                 | 14,409                 | 19.8        | 76,778                 | 12,054                 | 15.7        | 76,892                 | 11,893                 | 15.5        | 77,084                 | 11,524                 | 14.9        | 77,920                 | 11,004                 | 14.1        |
| Five Years   | 72,177                 | 9,966                  | 13.8        | 73,050                 | 8,781                  | 12.0        | 77,214                 | 8,441                  | 10.9        | 77,324                 | 8,228                  | 10.6        | 77,504                 | 7,840                  | 10.1        |
| <b>Total</b> | <b>448,106</b>         | <b>105,549</b>         | <b>23.6</b> | <b>455,514</b>         | <b>99,148</b>          | <b>21.8</b> | <b>463,331</b>         | <b>102,974</b>         | <b>22.2</b> | <b>468,390</b>         | <b>105,708</b>         | <b>22.6</b> | <b>474,900</b>         | <b>106,452</b>         | <b>22.4</b> |

Terms and definitions:

1. Population for each calendar year is adapted from the US Census Bureau age-sex population projection at the state level for 2000-2030.
2. Number of children tested is based on the highest venous or the highest capillary blood lead test that the Childhood Lead Registry (CLR) received from laboratories for a given child for each calendar year. Blood lead reports with sample type unknown were counted as capillary.
3. County assignment is based on child's address census tract (1<sup>st</sup> choice) or child's address zip code (2<sup>nd</sup> choice). Reports with incomplete or no address were assumed to be from Maryland children with address (and county) unknown. These records are not included in this supplement. As such, counties total may not equal the total for the state.
4. For detail information on blood lead distribution by age refer to the supplementary data tables 1-4 of the CLR Annual Reports for each calendar year.