



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

Lead Poisoning Prevention Program

Childhood Blood Lead Surveillance in Maryland

Annual Report 2016

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 2017



**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 2016)

Allegany County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	886	13	1.5		0.0		0.0	0	0.0
One Year	832	570	68.5		0.0		0.0	0	0.0
Two Years	868	498	57.4	2	0.4	1	0.2	3	0.6
Three Years	857	40	4.7	1	2.5		0.0	1	2.5
Four Years	910	41	4.5		0.0	2	4.9	2	4.9
Five Years	811	38	4.7		0.0		0.0	0	0.0
<b>Total</b>	<b>5,164</b>	<b>1,200</b>	<b>23.2</b>	<b>3</b>	<b>0.3</b>	<b>3</b>	<b>0.3</b>	<b>6</b>	<b>0.5</b>
6-17 Years	9,492	39	0.4		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	886	13	1.5		0.0		0.0	0	0.0
One Year	832	570	68.5		0.0	8	1.4	8	1.4
Two Years	868	498	57.4	4	0.8	7	1.4	11	2.2
Three Years	857	40	4.7	1	2.5	3	7.5	4	10.0
Four Years	910	41	4.5		0.0	1	2.4	1	2.4
Five Years	811	38	4.7		0.0	1	2.6	1	2.6
<b>Total</b>	<b>5,164</b>	<b>1,200</b>	<b>23.2</b>	<b>5</b>	<b>0.4</b>	<b>20</b>	<b>1.7</b>	<b>25</b>	<b>2.1</b>
6-17 Years	9,492	39	0.4		0.0	2	5.1	2	5.1

Refer to page 26 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 2016)

Anne Arundel County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	8,728	434	5.0		0.0	1	0.2	1	0.2
One Year	8,714	4,433	50.9		0.0	6	0.1	6	0.1
Two Years	8,605	3,391	39.4	1	0.0	5	0.1	6	0.2
Three Years	8,510	691	8.1	1	0.1		0.0	1	0.1
Four Years	8,476	576	6.8		0.0	1	0.2	1	0.2
Five Years	8,255	538	6.5		0.0		0.0	0	0.0
<b>Total</b>	<b>51,288</b>	<b>10,063</b>	<b>19.6</b>	<b>2</b>	<b>0.0</b>	<b>13</b>	<b>0.1</b>	<b>15</b>	<b>0.1</b>
6-17 Years	85,467	599	0.7		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	8,728	434	5.0		0.0	4	0.9	4	0.9
One Year	8,714	4,433	50.9	2	0.0	22	0.5	24	0.5
Two Years	8,605	3,391	39.4	6	0.2	14	0.4	20	0.6
Three Years	8,510	691	8.1	1	0.1	4	0.6	5	0.7
Four Years	8,476	576	6.8	2	0.3	4	0.7	6	1.0
Five Years	8,255	538	6.5	1	0.2	2	0.4	3	0.6
<b>Total</b>	<b>51,288</b>	<b>10,063</b>	<b>19.6</b>	<b>12</b>	<b>0.1</b>	<b>50</b>	<b>0.5</b>	<b>62</b>	<b>0.6</b>
6-17 Years	85,467	599	0.7		0.0	4	0.7	4	0.7

Refer to page 26 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 2016)

**Baltimore County**

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	12,123	1,295	10.7		0.0	1	0.1	1	0.1
One Year	12,225	6,763	55.3	2	0.0	11	0.2	13	0.2
Two Years	11,873	5,765	48.6	1	0.0	8	0.1	9	0.2
Three Years	11,929	1,252	10.5		0.0	1	0.1	1	0.1
Four Years	11,669	1,076	9.2	1	0.1	3	0.3	4	0.4
Five Years	11,624	928	8.0	2	0.2	2	0.2	4	0.4
<b>Total</b>	<b>71,443</b>	<b>17,079</b>	<b>23.9</b>	<b>6</b>	<b>0.0</b>	<b>26</b>	<b>0.2</b>	<b>32</b>	<b>0.2</b>
6-17 Years	120,878	1,573	1.3	2	0.1	2	0.1	4	0.3
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	12,123	1,295	10.7		0.0	6	0.5	6	0.5
One Year	12,225	6,763	55.3	10	0.1	82	1.2	92	1.4
Two Years	11,873	5,765	48.6	7	0.1	47	0.8	54	0.9
Three Years	11,929	1,252	10.5	5	0.4	8	0.6	13	1.0
Four Years	11,669	1,076	9.2	4	0.4	11	1.0	15	1.4
Five Years	11,624	928	8.0	3	0.3	7	0.8	10	1.1
<b>Total</b>	<b>71,443</b>	<b>17,079</b>	<b>23.9</b>	<b>29</b>	<b>0.2</b>	<b>161</b>	<b>0.9</b>	<b>190</b>	<b>1.1</b>
6-17 Years	120,878	1,573	1.3	11	0.7	27	1.7	38	2.4

Refer to page 26 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 2016)

Baltimore City

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	11,079	1,138	10.3		0.0	2	0.2	2	0.2
One Year	10,723	6,113	57.0	10	0.2	47	0.8	57	0.9
Two Years	10,283	5,059	49.2	20	0.4	35	0.7	55	1.1
Three Years	9,770	1,848	18.9	11	0.6	14	0.8	25	1.4
Four Years	9,391	1,712	18.2	6	0.4	12	0.7	18	1.1
Five Years	8,978	1,022	11.4	7	0.7	3	0.3	10	1.0
<b>Total</b>	<b>60,224</b>	<b>16,892</b>	<b>28.0</b>	<b>54</b>	<b>0.3</b>	<b>113</b>	<b>0.7</b>	<b>167</b>	<b>1.0</b>
6-17 Years	86,351	2,316	2.7	8	0.3	5	0.2	13	0.6
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	11,079	1,138	10.3	1	0.1	21	1.8	22	1.9
One Year	10,723	6,113	57.0	40	0.7	200	3.3	240	3.9
Two Years	10,283	5,059	49.2	74	1.5	173	3.4	247	4.9
Three Years	9,770	1,848	18.9	75	4.1	50	2.7	125	6.8
Four Years	9,391	1,712	18.2	62	3.6	52	3.0	114	6.7
Five Years	8,978	1,022	11.4	30	2.9	26	2.5	56	5.5
<b>Total</b>	<b>60,224</b>	<b>16,892</b>	<b>28.0</b>	<b>282</b>	<b>1.7</b>	<b>522</b>	<b>3.1</b>	<b>804</b>	<b>4.8</b>
6-17 Years	86,351	2,316	2.7	52	2.2	24	1.0	76	3.3

Refer to page 26 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 2016)

Calvert County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,187	60	5.1		0.0		0.0	0	0.0
One Year	1,197	414	34.6		0.0		0.0	0	0.0
Two Years	1,222	223	18.2		0.0		0.0	0	0.0
Three Years	1,281	38	3.0		0.0		0.0	0	0.0
Four Years	1,317	26	2.0		0.0		0.0	0	0.0
Five Years	1,414	26	1.8		0.0		0.0	0	0.0
<b>Total</b>	<b>7,618</b>	<b>787</b>	<b>10.3</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
6-17 Years	17,268	56	0.3		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,187	60	5.1		0.0		0.0	0	0.0
One Year	1,197	414	34.6	1	0.2	1	0.2	2	0.5
Two Years	1,222	223	18.2		0.0	1	0.4	1	0.4
Three Years	1,281	38	3.0		0.0		0.0	0	0.0
Four Years	1,317	26	2.0		0.0		0.0	0	0.0
Five Years	1,414	26	1.8		0.0		0.0	0	0.0
<b>Total</b>	<b>7,618</b>	<b>787</b>	<b>10.3</b>	<b>1</b>	<b>0.1</b>	<b>2</b>	<b>0.3</b>	<b>3</b>	<b>0.4</b>
6-17 Years	17,268	56	0.3		0.0	1	1.8	1	1.8

Refer to page 26 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 2016)

Caroline County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	557	17	3.1		0.0		0.0	0	0.0
One Year	563	300	53.3		0.0		0.0	0	0.0
Two Years	567	283	49.9		0.0		0.0	0	0.0
Three Years	611	56	9.2	1	1.8	1	1.8	2	3.6
Four Years	583	50	8.6		0.0		0.0	0	0.0
Five Years	562	34	6.0		0.0		0.0	0	0.0
<b>Total</b>	<b>3,443</b>	<b>740</b>	<b>21.5</b>	<b>1</b>	<b>0.1</b>	<b>1</b>	<b>0.1</b>	<b>2</b>	<b>0.3</b>
6-17 Years	5,690	12	0.2		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	557	17	3.1		0.0	1	5.9	1	5.9
One Year	563	300	53.3		0.0	4	1.3	4	1.3
Two Years	567	283	49.9	3	1.1	1	0.4	4	1.4
Three Years	611	56	9.2		0.0	2	3.6	2	3.6
Four Years	583	50	8.6	1	2.0	1	2.0	2	4.0
Five Years	562	34	6.0		0.0		0.0	0	0.0
<b>Total</b>	<b>3,443</b>	<b>740</b>	<b>21.5</b>	<b>4</b>	<b>0.5</b>	<b>9</b>	<b>1.2</b>	<b>13</b>	<b>1.8</b>
6-17 Years	5,690	12	0.2		0.0		0.0	0	0.0

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

Carroll County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,028	156	7.7		0.0	1	0.6	1	0.6
One Year	2,163	807	37.3		0.0		0.0	0	0.0
Two Years	2,239	617	27.6	1	0.2		0.0	1	0.2
Three Years	2,326	114	4.9		0.0		0.0	0	0.0
Four Years	2,470	72	2.9		0.0	1	1.4	1	1.4
Five Years	2,659	54	2.0		0.0		0.0	0	0.0
<b>Total</b>	<b>13,885</b>	<b>1,820</b>	<b>13.1</b>	<b>1</b>	<b>0.1</b>	<b>2</b>	<b>0.1</b>	<b>3</b>	<b>0.2</b>
6-17 Years	30,423	108	0.4		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,028	156	7.7		0.0	3	1.9	3	1.9
One Year	2,163	807	37.3	2	0.2	7	0.9	9	1.1
Two Years	2,239	617	27.6		0.0	3	0.5	3	0.5
Three Years	2,326	114	4.9		0.0		0.0	0	0.0
Four Years	2,470	72	2.9		0.0	1	1.4	1	1.4
Five Years	2,659	54	2.0		0.0		0.0	0	0.0
<b>Total</b>	<b>13,885</b>	<b>1,820</b>	<b>13.1</b>	<b>2</b>	<b>0.1</b>	<b>14</b>	<b>0.8</b>	<b>16</b>	<b>0.9</b>
6-17 Years	30,423	108	0.4		0.0	2	1.9	2	1.9

Refer to page 26 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 2016)

Cecil County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,576	85	5.4		0.0		0.0	0	0.0
One Year	1,648	701	42.5		0.0	2	0.3	2	0.3
Two Years	1,600	364	22.8		0.0	1	0.3	1	0.3
Three Years	1,598	140	8.8		0.0		0.0	0	0.0
Four Years	1,572	182	11.6		0.0		0.0	0	0.0
Five Years	1,627	72	4.4		0.0		0.0	0	0.0
<b>Total</b>	<b>9,621</b>	<b>1,544</b>	<b>16.0</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>0.2</b>	<b>3</b>	<b>0.2</b>
6-17 Years	17,891	53	0.3		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,576	85	5.4		0.0	1	1.2	1	1.2
One Year	1,648	701	42.5		0.0	10	1.4	10	1.4
Two Years	1,600	364	22.8	2	0.5	4	1.1	6	1.6
Three Years	1,598	140	8.8	1	0.7	2	1.4	3	2.1
Four Years	1,572	182	11.6		0.0	2	1.1	2	1.1
Five Years	1,627	72	4.4		0.0		0.0	0	0.0
<b>Total</b>	<b>9,621</b>	<b>1,544</b>	<b>16.0</b>	<b>3</b>	<b>0.2</b>	<b>19</b>	<b>1.2</b>	<b>22</b>	<b>1.4</b>
6-17 Years	17,891	53	0.3		0.0		0.0	0	0.0

Refer to page 26 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 2016)

**Charles County**

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,315	207	8.9		0.0		0.0	0	0.0
One Year	2,274	856	37.6		0.0		0.0	0	0.0
Two Years	2,453	907	37.0		0.0	1	0.1	1	0.1
Three Years	2,324	193	8.3		0.0	1	0.5	1	0.5
Four Years	2,375	141	5.9		0.0		0.0	0	0.0
Five Years	2,352	87	3.7		0.0		0.0	0	0.0
<b>Total</b>	<b>14,093</b>	<b>2,391</b>	<b>17.0</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.1</b>	<b>2</b>	<b>0.1</b>
6-17 Years	27,875	151	0.5		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,315	207	8.9		0.0	2	1.0	2	1.0
One Year	2,274	856	37.6		0.0	5	0.6	5	0.6
Two Years	2,453	907	37.0	1	0.1	10	1.1	11	1.2
Three Years	2,324	193	8.3		0.0	3	1.6	3	1.6
Four Years	2,375	141	5.9		0.0		0.0	0	0.0
Five Years	2,352	87	3.7		0.0		0.0	0	0.0
<b>Total</b>	<b>14,093</b>	<b>2,391</b>	<b>17.0</b>	<b>1</b>	<b>0.0</b>	<b>20</b>	<b>0.8</b>	<b>21</b>	<b>0.9</b>
6-17 Years	27,875	151	0.5		0.0		0.0	0	0.0

Refer to page 26 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 2016)

Dorchester County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	526	6	1.1		0.0		0.0	0	0.0
One Year	506	255	50.4		0.0		0.0	0	0.0
Two Years	512	241	47.1		0.0	2	0.8	2	0.8
Three Years	497	62	12.5		0.0		0.0	0	0.0
Four Years	498	53	10.6		0.0		0.0	0	0.0
Five Years	438	18	4.1		0.0		0.0	0	0.0
<b>Total</b>	<b>2,977</b>	<b>635</b>	<b>21.3</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.3</b>	<b>2</b>	<b>0.3</b>
6-17 Years	4,770	12	0.3		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	526	6	1.1		0.0		0.0	0	0.0
One Year	506	255	50.4		0.0	2	0.8	2	0.8
Two Years	512	241	47.1		0.0	4	1.7	4	1.7
Three Years	497	62	12.5	1	1.6	3	4.8	4	6.5
Four Years	498	53	10.6		0.0	3	5.7	3	5.7
Five Years	438	18	4.1	1	5.6		0.0	1	5.6
<b>Total</b>	<b>2,977</b>	<b>635</b>	<b>21.3</b>	<b>2</b>	<b>0.3</b>	<b>12</b>	<b>1.9</b>	<b>14</b>	<b>2.2</b>
6-17 Years	4,770	12	0.3		0.0		0.0	0	0.0

Refer to page 26 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 2016)

Frederick County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,522	115	3.3		0.0		0.0	0	0.0
One Year	3,550	2,130	60.0		0.0	2	0.1	2	0.1
Two Years	3,753	1,374	36.6		0.0	2	0.1	2	0.1
Three Years	3,773	350	9.3		0.0		0.0	0	0.0
Four Years	3,878	347	8.9		0.0	1	0.3	1	0.3
Five Years	3,830	258	6.7		0.0		0.0	0	0.0
<b>Total</b>	<b>22,306</b>	<b>4,574</b>	<b>20.5</b>	<b>0</b>	<b>0.0</b>	<b>5</b>	<b>0.1</b>	<b>5</b>	<b>0.1</b>
6-17 Years	41,785	190	0.5		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,522	115	3.3		0.0	2	1.7	2	1.7
One Year	3,550	2,130	60.0		0.0	8	0.4	8	0.4
Two Years	3,753	1,374	36.6	2	0.1	10	0.7	12	0.9
Three Years	3,773	350	9.3	1	0.3		0.0	1	0.3
Four Years	3,878	347	8.9		0.0	1	0.3	1	0.3
Five Years	3,830	258	6.7	1	0.4	4	1.6	5	1.9
<b>Total</b>	<b>22,306</b>	<b>4,574</b>	<b>20.5</b>	<b>4</b>	<b>0.1</b>	<b>25</b>	<b>0.5</b>	<b>29</b>	<b>0.6</b>
6-17 Years	41,785	190	0.5		0.0	2	1.1	2	1.1

Refer to page 26 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 2016)

Garrett County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	380	6	1.6		0.0		0.0	0	0.0
One Year	354	162	45.8		0.0		0.0	0	0.0
Two Years	399	145	36.3		0.0	1	0.7	1	0.7
Three Years	392	44	11.2		0.0		0.0	0	0.0
Four Years	409	24	5.9		0.0		0.0	0	0.0
Five Years	438	12	2.7		0.0		0.0	0	0.0
<b>Total</b>	<b>2,372</b>	<b>393</b>	<b>16.6</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.3</b>	<b>1</b>	<b>0.3</b>
6-17 Years	4,803	19	0.4		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	380	6	1.6		0.0		0.0	0	0.0
One Year	354	162	45.8		0.0		0.0	0	0.0
Two Years	399	145	36.3		0.0	3	2.1	3	2.1
Three Years	392	44	11.2		0.0	2	4.5	2	4.5
Four Years	409	24	5.9		0.0		0.0	0	0.0
Five Years	438	12	2.7		0.0		0.0	0	0.0
<b>Total</b>	<b>2,372</b>	<b>393</b>	<b>16.6</b>	<b>0</b>	<b>0.0</b>	<b>5</b>	<b>1.3</b>	<b>5</b>	<b>1.3</b>
6-17 Years	4,803	19	0.4		0.0	1	5.3	1	5.3

Refer to page 26 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 2016)

Harford County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,583	279	7.8		0.0		0.0	0	0.0
One Year	3,686	1,560	42.3		0.0	1	0.1	1	0.1
Two Years	3,700	1,116	30.2		0.0	1	0.1	1	0.1
Three Years	3,823	284	7.4		0.0		0.0	0	0.0
Four Years	3,840	293	7.6		0.0		0.0	0	0.0
Five Years	3,806	255	6.7		0.0		0.0	0	0.0
<b>Total</b>	<b>22,438</b>	<b>3,787</b>	<b>16.9</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.1</b>	<b>2</b>	<b>0.1</b>
6-17 Years	43,020	215	0.5		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,583	279	7.8		0.0	3	1.1	3	1.1
One Year	3,686	1,560	42.3		0.0	11	0.7	11	0.7
Two Years	3,700	1,116	30.2		0.0	5	0.4	5	0.4
Three Years	3,823	284	7.4	1	0.4	2	0.7	3	1.1
Four Years	3,840	293	7.6	1	0.3	2	0.7	3	1.0
Five Years	3,806	255	6.7	1	0.4	2	0.8	3	1.2
<b>Total</b>	<b>22,438</b>	<b>3,787</b>	<b>16.9</b>	<b>3</b>	<b>0.1</b>	<b>25</b>	<b>0.7</b>	<b>28</b>	<b>0.7</b>
6-17 Years	43,020	215	0.5		0.0	2	0.9	2	0.9

Refer to page 26 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 2016)

**Howard County**

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	4,141	226	5.5		0.0	1	0.4	1	0.4
One Year	4,173	1,793	43.0	1	0.1	6	0.3	7	0.4
Two Years	4,405	1,023	23.2	1	0.1	1	0.1	2	0.2
Three Years	4,395	321	7.3	1	0.3		0.0	1	0.3
Four Years	4,476	292	6.5		0.0		0.0	0	0.0
Five Years	4,686	189	4.0		0.0		0.0	0	0.0
<b>Total</b>	<b>26,276</b>	<b>3,844</b>	<b>14.6</b>	<b>3</b>	<b>0.1</b>	<b>8</b>	<b>0.2</b>	<b>11</b>	<b>0.3</b>
6-17 Years	54,314	406	0.7	2	0.5	2	0.5	4	1.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	4,141	226	5.5		0.0	2	0.9	2	0.9
One Year	4,173	1,793	43.0		0.0	12	0.7	12	0.7
Two Years	4,405	1,023	23.2		0.0	6	0.6	6	0.6
Three Years	4,395	321	7.3		0.0	4	1.2	4	1.2
Four Years	4,476	292	6.5	1	0.3		0.0	1	0.3
Five Years	4,686	189	4.0		0.0	1	0.5	1	0.5
<b>Total</b>	<b>26,276</b>	<b>3,844</b>	<b>14.6</b>	<b>1</b>	<b>0.0</b>	<b>25</b>	<b>0.7</b>	<b>26</b>	<b>0.7</b>
6-17 Years	54,314	406	0.7		0.0	4	1.0	4	1.0

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

Kent County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	255	5	2.0		0.0		0.0	0	0.0
One Year	255	101	39.6		0.0		0.0	0	0.0
Two Years	236	68	28.8		0.0		0.0	0	0.0
Three Years	251	23	9.2		0.0		0.0	0	0.0
Four Years	245	15	6.1		0.0		0.0	0	0.0
Five Years	257	8	3.1		0.0		0.0	0	0.0
Total	1,499	220	14.7	0	0.0	0	0.0	0	0.0
6-17 Years	2,401	4	0.2		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	255	5	2.0		0.0		0.0	0	0.0
One Year	255	101	39.6		0.0	1	1.0	1	1.0
Two Years	236	68	28.8		0.0		0.0	0	0.0
Three Years	251	23	9.2		0.0		0.0	0	0.0
Four Years	245	15	6.1		0.0		0.0	0	0.0
Five Years	257	8	3.1		0.0		0.0	0	0.0
Total	1,499	220	14.7	0	0.0	1	0.5	1	0.5
6-17 Years	2,401	4	0.2		0.0		0.0	0	0.0

Refer to page 26 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 2016)

Montgomery County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,835	3,139	19.8		0.0		0.0	0	0.0
One Year	15,925	7,271	45.7	2	0.0	8	0.1	10	0.1
Two Years	15,952	6,495	40.7	1	0.0	9	0.1	10	0.2
Three Years	15,610	1,706	10.9	2	0.1	2	0.1	4	0.2
Four Years	15,954	2,205	13.8		0.0	3	0.1	3	0.1
Five Years	15,530	1,576	10.1	1	0.1	3	0.2	4	0.3
Total	94,806	22,392	23.6	6	0.0	25	0.1	31	0.1
6-17 Years	160,048	1,899	1.2	5	0.3	1	0.1	6	0.3
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,835	3,139	19.8		0.0	24	0.8	24	0.8
One Year	15,925	7,271	45.7	4	0.1	63	0.9	67	0.9
Two Years	15,952	6,495	40.7	5	0.1	35	0.5	40	0.6
Three Years	15,610	1,706	10.9	3	0.2	12	0.7	15	0.9
Four Years	15,954	2,205	13.8	2	0.1	17	0.8	19	0.9
Five Years	15,530	1,576	10.1	1	0.1	14	0.9	15	1.0
Total	94,806	22,392	23.6	15	0.1	165	0.7	180	0.8
6-17 Years	160,048	1,899	1.2	3	0.2	19	1.0	22	1.2

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

Prince George's County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,262	1,961	12.8		0.0	4	0.2	4	0.2
One Year	14,808	6,669	45.0	3	0.0	8	0.1	11	0.2
Two Years	14,493	5,871	40.5		0.0	15	0.3	15	0.3
Three Years	14,464	2,314	16.0	2	0.1	8	0.3	10	0.4
Four Years	13,857	2,650	19.1		0.0	3	0.1	3	0.1
Five Years	13,467	1,959	14.5	1	0.1	3	0.2	4	0.2
<b>Total</b>	<b>86,351</b>	<b>21,424</b>	<b>24.8</b>	<b>6</b>	<b>0.0</b>	<b>41</b>	<b>0.2</b>	<b>47</b>	<b>0.2</b>
6-17 Years	138,288	2,978	2.2	2	0.1	4	0.1	6	0.2
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,262	1,961	12.8	1	0.1	9	0.5	10	0.5
One Year	14,808	6,669	45.0	5	0.1	58	0.9	63	0.9
Two Years	14,493	5,871	40.5	4	0.1	29	0.5	33	0.6
Three Years	14,464	2,314	16.0	1	0.0	18	0.8	19	0.8
Four Years	13,857	2,650	19.1	3	0.1	19	0.7	22	0.8
Five Years	13,467	1,959	14.5	7	0.4	14	0.7	21	1.1
<b>Total</b>	<b>86,351</b>	<b>21,424</b>	<b>24.8</b>	<b>21</b>	<b>0.1</b>	<b>147</b>	<b>0.7</b>	<b>168</b>	<b>0.8</b>
6-17 Years	138,288	2,978	2.2	6	0.2	33	1.1	39	1.3

Refer to page 26 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 2016)

Queen Anne's County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	671	14	2.1		0.0		0.0	0	0.0
One Year	658	327	49.7		0.0		0.0	0	0.0
Two Years	659	248	37.6		0.0	1	0.4	1	0.4
Three Years	684	30	4.4		0.0		0.0	0	0.0
Four Years	705	32	4.5		0.0	1	3.1	1	3.1
Five Years	742	17	2.3		0.0		0.0	0	0.0
<b>Total</b>	<b>4,119</b>	<b>668</b>	<b>16.2</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.3</b>	<b>2</b>	<b>0.3</b>
6-17 Years	8,225	13	0.2		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	671	14	2.1		0.0		0.0	0	0.0
One Year	658	327	49.7		0.0	3	0.9	3	0.9
Two Years	659	248	37.6		0.0	1	0.4	1	0.4
Three Years	684	30	4.4		0.0		0.0	0	0.0
Four Years	705	32	4.5	1	3.1		0.0	1	3.1
Five Years	742	17	2.3		0.0		0.0	0	0.0
<b>Total</b>	<b>4,119</b>	<b>668</b>	<b>16.2</b>	<b>1</b>	<b>0.1</b>	<b>4</b>	<b>0.6</b>	<b>5</b>	<b>0.7</b>
6-17 Years	8,225	13	0.2		0.0		0.0	0	0.0

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

Saint Mary's County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,866	99	5.3		0.0		0.0	0	0.0
One Year	1,854	647	34.9		0.0	1	0.2	1	0.2
Two Years	1,850	401	21.7		0.0		0.0	0	0.0
Three Years	1,956	80	4.1		0.0		0.0	0	0.0
Four Years	1,904	72	3.8		0.0		0.0	0	0.0
Five Years	1,861	53	2.8		0.0		0.0	0	0.0
<b>Total</b>	<b>11,291</b>	<b>1,352</b>	<b>12.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.1</b>	<b>1</b>	<b>0.1</b>
6-17 Years	18,868	62	0.3		0.0	1	1.6	1	1.6
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,866	99	5.3		0.0		0.0	0	0.0
One Year	1,854	647	34.9		0.0	3	0.5	3	0.5
Two Years	1,850	401	21.7		0.0	2	0.5	2	0.5
Three Years	1,956	80	4.1		0.0		0.0	0	0.0
Four Years	1,904	72	3.8	1	1.4	1	1.4	2	2.8
Five Years	1,861	53	2.8		0.0		0.0	0	0.0
<b>Total</b>	<b>11,291</b>	<b>1,352</b>	<b>12.0</b>	<b>1</b>	<b>0.1</b>	<b>6</b>	<b>0.4</b>	<b>7</b>	<b>0.5</b>
6-17 Years	18,868	62	0.3		0.0	1	1.6	1	1.6

Refer to page 26 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 2016)

Somerset County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	325	10	3.1		0.0		0.0	0	0.0
One Year	323	196	60.7		0.0	2	1.0	2	1.0
Two Years	340	176	51.8		0.0		0.0	0	0.0
Three Years	294	37	12.6		0.0	1	2.7	1	2.7
Four Years	313	24	7.7		0.0		0.0	0	0.0
Five Years	297	6	2.0		0.0		0.0	0	0.0
<b>Total</b>	<b>1,892</b>	<b>449</b>	<b>23.7</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>0.7</b>	<b>3</b>	<b>0.7</b>
6-17 Years	3,005	48	1.6		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	325	10	3.1		0.0		0.0	0	0.0
One Year	323	196	60.7	1	0.5	1	0.5	2	1.0
Two Years	340	176	51.8		0.0	1	0.6	1	0.6
Three Years	294	37	12.6	1	2.7		0.0	1	2.7
Four Years	313	24	7.7	1	4.2	1	4.2	2	8.3
Five Years	297	6	2.0		0.0		0.0	0	0.0
<b>Total</b>	<b>1,892</b>	<b>449</b>	<b>23.7</b>	<b>3</b>	<b>0.7</b>	<b>3</b>	<b>0.7</b>	<b>6</b>	<b>1.3</b>
6-17 Years	3,005	48	1.6		0.0		0.0	0	0.0

Refer to page 26 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 2016)

Talbot County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	425	2	0.5		0.0		0.0	0	0.0
One Year	499	287	57.5		0.0	1	0.3	1	0.3
Two Years	494	264	53.4		0.0		0.0	0	0.0
Three Years	441	45	10.2		0.0		0.0	0	0.0
Four Years	460	18	3.9		0.0	1	5.6	1	5.6
Five Years	502	18	3.6		0.0		0.0	0	0.0
<b>Total</b>	<b>2,821</b>	<b>634</b>	<b>22.5</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.3</b>	<b>2</b>	<b>0.3</b>
6-17 Years	5,180	21	0.4		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	425	2	0.5		0.0	1	50.0	1	50.0
One Year	499	287	57.5		0.0		0.0	0	0.0
Two Years	494	264	53.4		0.0		0.0	0	0.0
Three Years	441	45	10.2		0.0		0.0	0	0.0
Four Years	460	18	3.9		0.0		0.0	0	0.0
Five Years	502	18	3.6	1	5.6		0.0	1	5.6
<b>Total</b>	<b>2,821</b>	<b>634</b>	<b>22.5</b>	<b>1</b>	<b>0.2</b>	<b>1</b>	<b>0.2</b>	<b>2</b>	<b>0.3</b>
6-17 Years	5,180	21	0.4	1	4.8		0.0	1	4.8

Refer to page 26 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 2016)

**Washington County**

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,197	54	2.5		0.0	1	1.9	1	1.9
One Year	2,194	1,056	48.1		0.0	4	0.4	4	0.4
Two Years	2,286	876	38.3	1	0.1	2	0.2	3	0.3
Three Years	2,339	302	12.9		0.0		0.0	0	0.0
Four Years	2,181	295	13.5		0.0		0.0	0	0.0
Five Years	2,298	239	10.4		0.0		0.0	0	0.0
<b>Total</b>	<b>13,495</b>	<b>2,822</b>	<b>20.9</b>	<b>1</b>	<b>0.0</b>	<b>7</b>	<b>0.2</b>	<b>8</b>	<b>0.3</b>
6-17 Years	23,373	140	0.6	1	0.7	1	0.7	2	1.4
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,197	54	2.5		0.0		0.0	0	0.0
One Year	2,194	1,056	48.1	1	0.1	12	1.1	13	1.2
Two Years	2,286	876	38.3	1	0.1	13	1.5	14	1.6
Three Years	2,339	302	12.9	6	2.0	6	2.0	12	4.0
Four Years	2,181	295	13.5	2	0.7		0.0	2	0.7
Five Years	2,298	239	10.4		0.0	1	0.4	1	0.4
<b>Total</b>	<b>13,495</b>	<b>2,822</b>	<b>20.9</b>	<b>10</b>	<b>0.4</b>	<b>32</b>	<b>1.1</b>	<b>42</b>	<b>1.5</b>
6-17 Years	23,373	140	0.6	1	0.7	1	0.7	2	1.4

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

**Wicomico County**

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,559	22	1.4		0.0		0.0	0	0.0
One Year	1,577	844	53.5	1	0.1	3	0.4	4	0.5
Two Years	1,526	781	51.2	1	0.1	1	0.1	2	0.3
Three Years	1,593	214	13.4		0.0		0.0	0	0.0
Four Years	1,391	131	9.4		0.0	1	0.8	1	0.8
Five Years	1,478	83	5.6		0.0	1	1.2	1	1.2
<b>Total</b>	<b>9,124</b>	<b>2,075</b>	<b>22.7</b>	<b>2</b>	<b>0.1</b>	<b>6</b>	<b>0.3</b>	<b>8</b>	<b>0.4</b>
6-17 Years	15,018	99	0.7		0.0		0.0	0	0.0

  

Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,559	22	1.4		0.0	1	4.5	1	4.5
One Year	1,577	844	53.5	2	0.2	12	1.4	14	1.7
Two Years	1,526	781	51.2	6	0.8	10	1.3	16	2.0
Three Years	1,593	214	13.4		0.0	3	1.4	3	1.4
Four Years	1,391	131	9.4		0.0	1	0.8	1	0.8
Five Years	1,478	83	5.6		0.0		0.0	0	0.0
<b>Total</b>	<b>9,124</b>	<b>2,075</b>	<b>22.7</b>	<b>8</b>	<b>0.4</b>	<b>27</b>	<b>1.3</b>	<b>35</b>	<b>1.7</b>
6-17 Years	15,018	99	0.7	2	2.0	1	1.0	3	3.0

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

Worcester County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	578	20	3.5		0.0	1	5.0	1	5.0
One Year	586	363	61.9		0.0	1	0.3	1	0.3
Two Years	575	321	55.8		0.0		0.0	0	0.0
Three Years	572	64	11.2		0.0		0.0	0	0.0
Four Years	584	46	7.9		0.0		0.0	0	0.0
Five Years	553	20	3.6		0.0		0.0	0	0.0
<b>Total</b>	<b>3,448</b>	<b>834</b>	<b>24.2</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.2</b>	<b>2</b>	<b>0.2</b>
6-17 Years	6,738	65	1.0		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	578	20	3.5		0.0	1	5.0	1	5.0
One Year	586	363	61.9	3	0.8	10	2.8	13	3.6
Two Years	575	321	55.8	1	0.3	9	2.8	10	3.1
Three Years	572	64	11.2		0.0	1	1.6	1	1.6
Four Years	584	46	7.9		0.0		0.0	0	0.0
Five Years	553	20	3.6		0.0		0.0	0	0.0
<b>Total</b>	<b>3,448</b>	<b>834</b>	<b>24.2</b>	<b>4</b>	<b>0.5</b>	<b>21</b>	<b>2.5</b>	<b>25</b>	<b>3.0</b>
6-17 Years	6,738	65	1.0		0.0	3	4.6	3	4.6

Refer to page 26 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  $\geq 10$   $\mu\text{g}/\text{dL}$  and Blood Lead Level 5-9  $\mu\text{g}/\text{dL}$  by age and county of residence  
(Annual Report 2016)

Statewide

Age Group	Population of Children	Children Tested		Children with Blood Lead Level $\geq 10$ $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	91,604	9,363	10.2		0.0	12	0.1	12	0.1
One Year	91,287	44,618	48.9	19	0.0	103	0.2	122	0.3
Two Years	90,890	36,507	40.2	29	0.1	86	0.2	115	0.3
Three Years	90,290	10,248	11.4	19	0.2	28	0.3	47	0.5
Four Years	89,458	10,373	11.6	7	0.1	29	0.3	36	0.3
Five Years	88,465	7,510	8.5	11	0.1	12	0.2	23	0.3
<b>Total</b>	<b>541,994</b>	<b>118,619</b>	<b>21.9</b>	<b>85</b>	<b>0.1</b>	<b>270</b>	<b>0.2</b>	<b>355</b>	<b>0.3</b>
6-17 Years	931,171	11,078	1.2	20	0.2	16	0.1	36	0.3
Age Group	Population of Children	Children Tested		Children with Blood Lead Level of 5-9 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	91,604	9,363	10.2	2	0.0	81	0.9	83	0.9
One Year	91,287	44,618	48.9	71	0.2	535	1.2	606	1.4
Two Years	90,890	36,507	40.2	116	0.3	388	1.1	504	1.4
Three Years	90,290	10,248	11.4	97	0.9	123	1.2	220	2.1
Four Years	89,458	10,373	11.6	81	0.8	117	1.1	198	1.9
Five Years	88,465	7,510	8.5	46	0.6	72	1.0	118	1.6
<b>Total</b>	<b>541,994</b>	<b>118,619</b>	<b>21.9</b>	<b>413</b>	<b>0.3</b>	<b>1,316</b>	<b>1.1</b>	<b>1,729</b>	<b>1.5</b>
6-17 Years	931,171	11,078	1.2	76	0.7	127	1.1	203	1.8

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  $\geq 10$   $\mu\text{g}/\text{dL}$  or blood lead test of 5-9  $\mu\text{g}/\text{dL}$  in 2015 and had at least one such blood lead test in the past.
4. Incidence is based on the number of children with the very first blood lead test with blood lead level  $\geq 10$   $\mu\text{g}/\text{dL}$  or blood lead level of 5-9  $\mu\text{g}/\text{dL}$  in 2016. These children either may have not been tested for lead in the past or all their previous blood lead tests was below 10  $\mu\text{g}/\text{dL}$ , or below 5  $\mu\text{g}/\text{dL}$ .
5. Prevalence is the number of children with at least one blood lead test with blood lead level  $\geq 10$   $\mu\text{g}/\text{dL}$  or 5-9  $\mu\text{g}/\text{dL}$  in 2016.
6. The selection of blood lead test is based on the highest blood lead level in 2016. If a child had multiple blood lead tests some in 5-9  $\mu\text{g}/\text{dL}$  range and some  $\geq 10$   $\mu\text{g}/\text{dL}$ , the child was counted in the  $\geq 10$  category only.
7. Percentages are rounded to the first decimal point. As such the sum of breakdown percentages may not equal total percentage.