



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program

Childhood Blood Lead Surveillance in Maryland

Annual Report Calendar Year 2017

Number and percentage of incident and prevalent cases of

Blood Lead Level ≥ 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

October 2018



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Allegany County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	892	6	0.7		0.0		0.0	0	0.0
One Year	839	512	61.0		0.0	2	0.4	2	0.4
Two Years	877	502	57.2	1	0.2	2	0.4	3	0.6
Three Years	867	62	7.2	1	1.6		0.0	1	1.6
Four Years	922	39	4.2	1	2.6		0.0	1	2.6
Five Years	824	29	3.5		0.0		0.0	0	0.0
Total	5221	1150	22.0	3	0.3	4	0.3	7	0.6
6-17 Years	9647	65	0.1		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	892	6	0.7		0.0		0.0	0	0.0
One Year	839	512	61.0		0.0	11	2.1	11	2.1
Two Years	877	502	57.2	1	0.2	11	2.2	12	2.4
Three Years	867	62	7.2	4	6.5	1	1.6	5	8.1
Four Years	922	39	4.2	2	5.1	1	2.6	3	7.7
Five Years	824	29	3.5	1	3.4		0.0	1	3.4
Total	5,221	1,150	22.0	8	0.7	24	2.1	32	2.8
6-17 Years	9,647	65	0.7	1	1.5	1	1.5	2	3.1

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Anne Arundel County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	8789	518	5.9		0.0		0.0	0	0.0
One Year	8789	5114	58.2		0.0	4	0.1	4	0.1
Two Years	8691	4257	49.0	1	0.0	3	0.1	4	0.1
Three Years	8610	876	10.2		0.0	1	0.1	1	0.1
Four Years	8589	784	9.1		0.0	3	0.4	3	0.4
Five Years	8381	610	7.3		0.0		0.0	0	0.0
Total	51849	12159	23.5	1	0.0	11	0.1	12	0.1
6-17 Years	86856	619	0.7		0.0	1	0.2	1	0.2

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	8,789	518	5.9		0.0	2	0.4	2	0.4
One Year	8,789	5,114	58.2	4	0.1	29	0.6	33	0.6
Two Years	8,691	4,257	49.0	2	0.0	7	0.2	9	0.2
Three Years	8,610	876	10.2	1	0.1	4	0.5	5	0.6
Four Years	8,589	784	9.1	3	0.4	8	1.0	11	1.4
Five Years	8,381	610	7.3	2	0.3		0.0	2	0.3
Total	51,849	12,159	23.5	12	0.1	50	0.4	62	0.5
6-17 Years	86,856	619	0.7	1	0.2	4	0.6	5	0.8

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Baltimore County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	12208	1444	11.8		0.0		0.0	0	0.0
One Year	12329	6838	55.5	2	0.0	19	0.3	21	0.3
Two Years	11991	6276	52.3	1	0.0	12	0.2	13	0.2
Three Years	12068	1434	11.9		0.0	2	0.1	2	0.1
Four Years	11825	1224	10.4	1	0.1	1	0.1	2	0.2
Five Years	11801	913	7.7	1	0.1		0.0	1	0.1
Total	72222	18129	25.1	5	0.0	34	0.2	39	0.2
6-17 Years	122860	1616	1.3	1	0.1	2	0.1	3	0.2

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	12,208	1,444	11.8		0.0	8	0.6	8	0.6
One Year	12,329	6,838	55.5	8	0.1	48	0.7	56	0.8
Two Years	11,991	6,276	52.3	12	0.2	39	0.6	51	0.8
Three Years	12,068	1,434	11.9	5	0.3	16	1.1	21	1.5
Four Years	11,825	1,224	10.4	8	0.7	10	0.8	18	1.5
Five Years	11,801	913	7.7	3	0.3	12	1.3	15	1.6
Total	72,222	18,129	25.1	36	0.2	133	0.7	169	0.9
6-17 Years	122,860	1,616	1.3	11	0.7	23	1.4	34	2.1

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Baltimore City

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	11156	952	8.5		0.0	3	0.3	3	0.3
One Year	10815	5831	53.9	8	0.1	37	0.6	45	0.8
Two Years	10385	5433	52.3	13	0.2	35	0.6	48	0.9
Three Years	9885	1995	20.2	12	0.6	11	0.6	23	1.2
Four Years	9517	1778	18.7	11	0.6	6	0.3	17	1.0
Five Years	9114	1110	12.2	4	0.4	8	0.7	12	1.1
Total	60872	17099	28.1	48	0.3	100	0.6	148	0.9
6-17 Years	87779	2453	2.8	6	0.2	5	0.2	11	0.4

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	11,156	952	8.5		0.0	23	2.4	23	2.4
One Year	10,815	5,831	53.9	12	0.2	160	2.7	172	2.9
Two Years	10,385	5,433	52.3	66	1.2	152	2.8	218	4.0
Three Years	9,885	1,995	20.2	48	2.4	56	2.8	104	5.2
Four Years	9,517	1,778	18.7	45	2.5	39	2.2	84	4.7
Five Years	9,114	1,110	12.2	32	2.9	9	0.8	41	3.7
Total	60,872	17,099	28.1	203	1.2	439	2.6	642	3.8
6-17 Years	87,779	2,453	2.8	32	1.3	34	1.4	66	2.7

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Calvert County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1196	53	4.4		0.0		0.0	0	0.0
One Year	1207	430	35.6		0.0		0.0	0	0.0
Two Years	1235	293	23.7		0.0	2	0.7	2	0.7
Three Years	1297	52	4.0		0.0		0.0	0	0.0
Four Years	1333	45	3.4		0.0		0.0	0	0.0
Five Years	1436	36	2.5		0.0		0.0	0	0.0
Total	7704	909	11.8	0	0.0	2	0.2	2	0.2
6-17 Years	17548	40	0.2		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,196	53	4.4		0.0	1	1.9	1	1.9
One Year	1,207	430	35.6		0.0		0.0	0	0.0
Two Years	1,235	293	23.7		0.0	4	1.4	4	1.4
Three Years	1,297	52	4.0		0.0		0.0	0	0.0
Four Years	1,333	45	3.4		0.0		0.0	0	0.0
Five Years	1,436	36	2.5		0.0		0.0	0	0.0
Total	7,704	909	11.8	0	0.0	5	0.6	5	0.6
6-17 Years	17,548	40	0.2		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Caroline County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	561	6	1.1		0.0		0.0	0	0.0
One Year	569	314	55.2		0.0	1	0.3	1	0.3
Two Years	572	293	51.2		0.0	3	1.0	3	1.0
Three Years	619	60	9.7		0.0		0.0	0	0.0
Four Years	591	46	7.8		0.0		0.0	0	0.0
Five Years	571	31	5.4		0.0		0.0	0	0.0
Total	3483	750	21.5	0	0.0	4	0.5	4	0.5
6-17 Years	5785	27	0.5		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	561	6	1.1		0.0		0.0	0	0.0
One Year	569	314	55.2	2	0.6	7	2.2	9	2.9
Two Years	572	293	51.2		0.0	5	1.7	5	1.7
Three Years	619	60	9.7	1	1.7	1	1.7	2	3.3
Four Years	591	46	7.8		0.0		0.0	0	0.0
Five Years	571	31	5.4		0.0		0.0	0	0.0
Total	3,483	750	21.5	3	0.4	13	1.7	16	2.1
6-17 Years	5,785	27	0.5		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Carroll County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2041	195	9.6		0.0	1	0.5	1	0.5
One Year	2181	1131	51.9		0.0	3	0.3	3	0.3
Two Years	2262	843	37.3		0.0		0.0	0	0.0
Three Years	2354	147	6.2		0.0	1	0.7	1	0.7
Four Years	2503	95	3.8		0.0		0.0	0	0.0
Five Years	2700	106	3.9		0.0		0.0	0	0.0
Total	14041	2517	17.9	0	0.0	5	0.2	5	0.2
6-17 Years	30920	137	0.4		0.0	1	0.7	1	0.7

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,041	195	9.6		0.0	1	0.5	1	0.5
One Year	2,181	1,131	51.9	1	0.1	7	0.6	8	0.7
Two Years	2,262	843	37.3		0.0	7	0.8	7	0.8
Three Years	2,354	147	6.2		0.0	1	0.7	1	0.7
Four Years	2,503	95	3.8		0.0	1	1.1	1	1.1
Five Years	2,700	106	3.9		0.0	1	0.9	1	0.9
Total	14,041	2,517	17.9	1	0.0	18	0.7	19	0.8
6-17 Years	30,920	137	0.4	1	0.7		0.0	1	0.7

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Cecil County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1587	194	12.2		0.0		0.0	0	0.0
One Year	1662	688	41.4		0.0	3	0.4	3	0.4
Two Years	1616	414	25.6		0.0	1	0.2	1	0.2
Three Years	1617	168	10.4		0.0		0.0	0	0.0
Four Years	1594	191	12.0		0.0		0.0	0	0.0
Five Years	1651	82	5.0		0.0		0.0	0	0.0
Total	9727	1737	17.9	0	0.0	4	0.2	4	0.2
6-17 Years	18184	80	0.4		0.0	1	1.3	1	1.3

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,587	194	12.2		0.0	1	0.5	1	0.5
One Year	1,662	688	41.4	1	0.1	9	1.3	10	1.5
Two Years	1,616	414	25.6	1	0.2	6	1.4	7	1.7
Three Years	1,617	168	10.4		0.0	1	0.6	1	0.6
Four Years	1,594	191	12.0	1	0.5	2	1.0	3	1.6
Five Years	1,651	82	5.0		0.0		0.0	0	0.0
Total	9,727	1,737	17.9	3	0.2	19	1.1	22	1.3
6-17 Years	18,184	80	0.4		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Charles County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2331	222	9.5		0.0	1	0.5	1	0.5
One Year	2293	1000	43.6		0.0	2	0.2	2	0.2
Two Years	2477	928	37.5		0.0		0.0	0	0.0
Three Years	2351	227	9.7		0.0		0.0	0	0.0
Four Years	2407	137	5.7		0.0		0.0	0	0.0
Five Years	2389	114	4.8		0.0		0.0	0	0.0
Total	14248	2628	18.4	0	0.0	3	0.1	3	0.1
6-17 Years	28330	153	0.5		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,331	222	9.5		0.0	3	1.4	3	1.4
One Year	2,293	1,000	43.6		0.0	9	0.9	9	0.9
Two Years	2,477	928	37.5	1	0.1	6	0.6	7	0.8
Three Years	2,351	227	9.7	1	0.4		0.0	1	0.4
Four Years	2,407	137	5.7		0.0		0.0	0	0.0
Five Years	2,389	114	4.8		0.0	1	0.9	1	0.9
Total	14,248	2,628	18.4	2	0.1	19	0.7	21	0.8
6-17 Years	28,330	153	0.5		0.0	1	0.7	1	0.7

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Dorchester County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	529	7	1.3		0.0		0.0	0	0.0
One Year	511	280	54.8		0.0	1	0.4	1	0.4
Two Years	516	233	45.2	1	0.4	2	0.9	3	1.3
Three Years	503	72	14.3	1	1.4	1	1.4	2	2.8
Four Years	505	47	9.3		0.0	1	2.1	1	2.1
Five Years	445	16	3.6		0.0		0.0	0	0.0
Total	3009	655	21.8	2	0.3	5	0.8	7	1.1
6-17 Years	4851	22	0.5		0.0	1	4.5	1	4.5

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	529	7	1.3		0.0		0.0	0	0.0
One Year	511	280	54.8		0.0	4	1.4	4	1.4
Two Years	516	233	45.2		0.0	1	0.4	1	0.4
Three Years	503	72	14.3	1	1.4	1	1.4	2	2.8
Four Years	505	47	9.3	3	6.4	1	2.1	4	8.5
Five Years	445	16	3.6		0.0		0.0	0	0.0
Total	3,009	655	21.8	4	0.6	7	1.1	11	1.7
6-17 Years	4,851	22	0.5		0.0	2	9.1	2	9.1

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 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 2017)

Frederick County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3547	164	4.6		0.0		0.0	0	0.0
One Year	3580	2217	61.9		0.0	5	0.2	5	0.2
Two Years	3791	1860	49.1	1	0.1	4	0.2	5	0.3
Three Years	3817	352	9.2	1	0.3	1	0.3	2	0.6
Four Years	3930	375	9.5		0.0		0.0	0	0.0
Five Years	3889	269	6.9		0.0	1	0.4	1	0.4
Total	22554	5237	23.2	2	0.0	11	0.2	13	0.2
6-17 Years	42464	234	0.6		0.0	1	0.4	1	0.4

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 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	3,547	164	4.6		0.0		0.0	0	0.0
One Year	3,580	2,217	61.9		0.0	19	0.9	19	0.9
Two Years	3,791	1,860	49.1		0.0	10	0.5	10	0.5
Three Years	3,817	352	9.2		0.0	6	1.7	6	1.7
Four Years	3,930	375	9.5	2	0.5		0.0	2	0.5
Five Years	3,889	269	6.9		0.0		0.0	0	0.0
Total	22,554	5,237	23.2	2	0.0	35	0.7	37	0.7
6-17 Years	42,464	234	0.6	1	0.4	2	0.9	3	1.3

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Garrett County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	383	4	1.0		0.0		0.0	0	0.0
One Year	358	164	45.8		0.0		0.0	0	0.0
Two Years	403	156	38.7		0.0		0.0	0	0.0
Three Years	396	42	10.6		0.0		0.0	0	0.0
Four Years	415	25	6.0		0.0		0.0	0	0.0
Five Years	444	15	3.4		0.0		0.0	0	0.0
Total	2399	406	16.9	0	0.0	0	0.0	0	0.0
6-17 Years	4883	6	0.1		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	383	4	1.0		0.0		0.0	0	0.0
One Year	358	164	45.8		0.0	1	0.6	1	0.6
Two Years	403	156	38.7	1	0.6	2	1.3	3	1.9
Three Years	396	42	10.6	1	2.4		0.0	1	2.4
Four Years	415	25	6.0		0.0	1	4.0	1	4.0
Five Years	444	15	3.4		0.0		0.0	0	0.0
Total	2,399	406	16.9	2	0.5	4	1.0	6	1.5
6-17 Years	4,883	6	0.1		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Harford County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3609	554	15.4		0.0	2	0.4	2	0.4
One Year	3718	1772	47.7		0.0	2	0.1	2	0.1
Two Years	3737	1570	42.0	1	0.1		0.0	1	0.1
Three Years	3867	350	9.1		0.0		0.0	0	0.0
Four Years	3891	335	8.6		0.0		0.0	0	0.0
Five Years	3863	250	6.5		0.0		0.0	0	0.0
Total	22685	4831	21.3	1	0.0	4	0.1	5	0.1
6-17 Years	43723	268	0.6		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,609	554	15.4		0.0	11	2.0	11	2.0
One Year	3,718	1,772	47.7		0.0	18	1.0	18	1.0
Two Years	3,737	1,570	42.0	1	0.1	14	0.9	15	1.0
Three Years	3,867	350	9.1		0.0	5	1.4	5	1.4
Four Years	3,891	335	8.6		0.0	1	0.3	1	0.3
Five Years	3,863	250	6.5		0.0	1	0.4	1	0.4
Total	22,685	4,831	21.3	1	0.0	50	1.0	51	1.1
6-17 Years	43,723	268	0.6		0.0	3	1.1	3	1.1

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Howard County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	4169	375	9.0		0.0	1	0.3	1	0.3
One Year	4209	2338	55.5	1	0.0	6	0.3	7	0.3
Two Years	4449	1890	42.5		0.0	3	0.2	3	0.2
Three Years	4447	419	9.4		0.0	1	0.2	1	0.2
Four Years	4536	367	8.1	1	0.3		0.0	1	0.3
Five Years	4757	289	6.1		0.0		0.0	0	0.0
Total	26567	5678	21.4	2	0.0	11	0.2	13	0.2
6-17 Years	55199	372	0.7	1	0.3	1	0.3	2	0.5

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	4,169	375	9.0		0.0	3	0.8	3	0.8
One Year	4,209	2,338	55.5	3	0.1	19	0.8	22	0.9
Two Years	4,449	1,890	42.5	2	0.1	7	0.4	9	0.5
Three Years	4,447	419	9.4	3	0.7	3	0.7	6	1.4
Four Years	4,536	367	8.1	2	0.5	2	0.5	4	1.1
Five Years	4,757	289	6.1		0.0	2	0.7	2	0.7
Total	26,567	5,678	21.4	10	0.2	36	0.6	46	0.8
6-17 Years	55,199	372	0.7	2	0.5	7	1.9	9	2.4

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Kent County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	256	8	3.1		0.0		0.0	0	0.0
One Year	258	93	36.0		0.0		0.0	0	0.0
Two Years	239	69	28.9		0.0		0.0	0	0.0
Three Years	254	14	5.5		0.0		0.0	0	0.0
Four Years	249	15	6.0		0.0		0.0	0	0.0
Five Years	260	4	1.5		0.0		0.0	0	0.0
Total	1516	203	13.4	0	0.0	0	0.0	0	0.0
6-17 Years	2438	6	0.2		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	256	8	3.1		0.0		0.0	0	0.0
One Year	258	93	36.0		0.0		0.0	0	0.0
Two Years	239	69	28.9		0.0	2	2.9	2	2.9
Three Years	254	14	5.5		0.0		0.0	0	0.0
Four Years	249	15	6.0		0.0	1	6.7	1	6.7
Five Years	260	4	1.5		0.0		0.0	0	0.0
Total	1,516	203	13.4	0	0.0	3	1.5	3	1.5
6-17 Years	2,438	6	0.2		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Montgomery County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15946	3592	22.5		0.0	8	0.2	8	0.2
One Year	16061	8255	51.4	1	0.0	10	0.1	11	0.1
Two Years	16111	8037	49.9	2	0.0	5	0.1	7	0.1
Three Years	15793	1801	11.4	1	0.1	3	0.2	4	0.2
Four Years	16168	2286	14.1		0.0	2	0.1	2	0.1
Five Years	15767	1623	10.3		0.0		0.0	0	0.0
Total	95846	25594	26.7	4	0.0	28	0.1	32	0.1
6-17 Years	162658	2023	1.2		0.0	4	0.2	4	0.2
Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,946	3,592	22.5		0.0	22	0.6	22	0.6
One Year	16,061	8,255	51.4	6	0.1	55	0.7	61	0.7
Two Years	16,111	8,037	49.9	6	0.1	28	0.3	34	0.4
Three Years	15,793	1,801	11.4	4	0.2	8	0.4	12	0.7
Four Years	16,168	2,286	14.1	2	0.1	12	0.5	14	0.6
Five Years	15,767	1,623	10.3	4	0.2	12	0.7	16	1.0
Total	95,846	25,594	26.7	22	0.1	137	0.5	159	0.6
6-17 Years	162,658	2,023	1.2	9	0.4	18	0.9	27	1.3

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Prince George's County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15369	2187	14.2		0.0	8	0.4	8	0.4
One Year	14935	7115	47.6	3	0.0	22	0.3	25	0.4
Two Years	14638	6388	43.6	5	0.1	17	0.3	22	0.3
Three Years	14634	2351	16.1	1	0.0	10	0.4	11	0.5
Four Years	14042	2672	19.0	1	0.0	6	0.2	7	0.3
Five Years	13671	2041	14.9	1	0.0	3	0.1	4	0.2
Total	87289	22754	26.1	11	0.0	66	0.3	77	0.3
6-17 Years	140569	2827	2.0	4	0.1	17	0.6	21	0.7

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,369	2,187	14.2		0.0	24	1.1	24	1.1
One Year	14,935	7,115	47.6	2	0.0	62	0.9	64	0.9
Two Years	14,638	6,388	43.6	8	0.1	57	0.9	65	1.0
Three Years	14,634	2,351	16.1	8	0.3	31	1.3	39	1.7
Four Years	14,042	2,672	19.0	3	0.1	28	1.0	31	1.2
Five Years	13,671	2,041	14.9	7	0.3	24	1.2	31	1.5
Total	87,289	22,754	26.1	28	0.1	226	1.0	254	1.1
6-17 Years	140,569	2,827	2.0	9	0.3	89	3.1	98	3.5

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Queen Anne's County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	675	15	2.2		0.0		0.0	0	0.0
One Year	663	313	47.2		0.0		0.0	0	0.0
Two Years	666	290	43.5		0.0	1	0.3	1	0.3
Three Years	692	52	7.5		0.0		0.0	0	0.0
Four Years	715	42	5.9		0.0		0.0	0	0.0
Five Years	753	24	3.2		0.0		0.0	0	0.0
Total	4164	736	17.7	0	0.0	1	0.1	1	0.1
6-17 Years	8359	20	0.2		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	675	15	2.2		0.0		0.0	0	0.0
One Year	663	313	47.2		0.0	5	1.6	5	1.6
Two Years	666	290	43.5		0.0		0.0	0	0.0
Three Years	692	52	7.5	1	1.9		0.0	1	1.9
Four Years	715	42	5.9		0.0		0.0	0	0.0
Five Years	753	24	3.2		0.0		0.0	0	0.0
Total	4,164	736	17.7	1	0.1	5	0.7	6	0.8
6-17 Years	8,359	20	0.2		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Saint Mary's County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1880	86	4.6		0.0		0.0	0	0.0
One Year	1870	796	42.6		0.0		0.0	0	0.0
Two Years	1869	455	24.3		0.0		0.0	0	0.0
Three Years	1978	83	4.2		0.0		0.0	0	0.0
Four Years	1930	73	3.8		0.0		0.0	0	0.0
Five Years	1889	37	2.0		0.0		0.0	0	0.0
Total	11416	1530	13.4	0	0.0	0	0.0	0	0.0
6-17 Years	19173	55	0.3	1	1.8		0.0	1	1.8

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,880	86	4.6		0.0		0.0	0	0.0
One Year	1,870	796	42.6	2	0.3	3	0.4	5	0.6
Two Years	1,869	455	24.3		0.0	3	0.7	3	0.7
Three Years	1,978	83	4.2	2	2.4		0.0	2	2.4
Four Years	1,930	73	3.8		0.0		0.0	0	0.0
Five Years	1,889	37	2.0		0.0	1	2.7	1	2.7
Total	11,416	1,530	13.4	4	0.3	7	0.5	11	0.7
6-17 Years	19,173	55	0.3		0.0	2	3.6	2	3.6

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Somerset County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	327	6	1.8		0.0		0.0	0	0.0
One Year	325	198	60.9		0.0	1	0.5	1	0.5
Two Years	344	177	51.5		0.0		0.0	0	0.0
Three Years	297	38	12.8		0.0		0.0	0	0.0
Four Years	317	21	6.6		0.0		0.0	0	0.0
Five Years	301	4	1.3		0.0		0.0	0	0.0
Total	1911	444	23.2	0	0.0	1	0.2	1	0.2
6-17 Years	3053	22	0.7		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	327	6	1.8		0.0		0.0	0	0.0
One Year	325	198	60.9		0.0	1	0.5	1	0.5
Two Years	344	177	51.5	1	0.6	1	0.6	2	1.1
Three Years	297	38	12.8		0.0	1	2.6	1	2.6
Four Years	317	21	6.6	1	4.8		0.0	1	4.8
Five Years	301	4	1.3		0.0		0.0	0	0.0
Total	1,911	444	23.2	2	0.5	3	0.7	5	1.1
6-17 Years	3,053	22	0.7		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Talbot County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	428	4	0.9		0.0		0.0	0	0.0
One Year	503	285	56.7	1	0.4	1	0.4	2	0.7
Two Years	500	262	52.4		0.0		0.0	0	0.0
Three Years	446	40	9.0		0.0		0.0	0	0.0
Four Years	466	37	7.9		0.0		0.0	0	0.0
Five Years	509	19	3.7		0.0		0.0	0	0.0
Total	2852	647	22.7	1	0.2	1	0.2	2	0.3
6-17 Years	5265	23	0.4		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	428	4	0.9		0.0		0.0	0	0.0
One Year	503	285	56.7	1	0.4	4	1.4	5	1.8
Two Years	500	262	52.4		0.0	2	0.8	2	0.8
Three Years	446	40	9.0		0.0		0.0	0	0.0
Four Years	466	37	7.9		0.0		0.0	0	0.0
Five Years	509	19	3.7		0.0		0.0	0	0.0
Total	2,852	647	22.7	1	0.2	6	0.9	7	1.1
6-17 Years	5,265	23	0.4	1	4.3		0.0	1	4.3

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 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 2017)

Washington County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g}/\text{dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2213	36	1.6		0.0		0.0	0	0.0
One Year	2212	1019	46.1		0.0	1	0.1	1	0.1
Two Years	2309	941	40.8		0.0	1	0.1	1	0.1
Three Years	2366	278	11.7		0.0	2	0.7	2	0.7
Four Years	2210	313	14.2		0.0	1	0.3	1	0.3
Five Years	2333	228	9.8		0.0		0.0	0	0.0
Total	13643	2815	20.6	0	0.0	5	0.2	5	0.2
6-17 Years	23756	106	0.4		0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level 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	2,213	36	1.6		0.0		0.0	0	0.0
One Year	2,212	1,019	46.1		0.0	16	1.6	16	1.6
Two Years	2,309	941	40.8	3	0.3	12	1.3	15	1.6
Three Years	2,366	278	11.7		0.0	1	0.4	1	0.4
Four Years	2,210	313	14.2	1	0.3	4	1.3	5	1.6
Five Years	2,333	228	9.8		0.0		0.0	0	0.0
Total	13,643	2,815	20.6	4	0.1	33	1.2	37	1.3
6-17 Years	23,756	106	0.4	3	2.8	1	0.9	4	3.8

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Wicomico County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1571	47	3.0		0.0		0.0	0	0.0
One Year	1591	943	59.3		0.0	1	0.1	1	0.1
Two Years	1542	852	55.3	2	0.2	2	0.2	4	0.5
Three Years	1612	228	14.1	1	0.4		0.0	1	0.4
Four Years	1410	140	9.9		0.0	1	0.7	1	0.7
Five Years	1500	75	5.0		0.0		0.0	0	0.0
Total	9226	2285	24.8	3	0.1	4	0.2	7	0.3
6-17 Years	15268	148	1.0		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,571	47	3.0		0.0	1	2.1	1	2.1
One Year	1,591	943	59.3	3	0.3	7	0.7	10	1.1
Two Years	1,542	852	55.3	1	0.1	5	0.6	6	0.7
Three Years	1,612	228	14.1	1	0.4	3	1.3	4	1.8
Four Years	1,410	140	9.9	1	0.7	1	0.7	2	1.4
Five Years	1,500	75	5.0	2	2.7	1	1.3	3	4.0
Total	9,226	2,285	24.8	8	0.4	18	0.8	26	1.1
6-17 Years	15,268	148	1.0		0.0	1	0.7	1	0.7

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Worcester County

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	582	23	4.0		0.0		0.0	0	0.0
One Year	592	392	66.2		0.0		0.0	0	0.0
Two Years	581	344	59.2		0.0	1	0.3	1	0.3
Three Years	580	77	13.3		0.0		0.0	0	0.0
Four Years	591	55	9.3		0.0		0.0	0	0.0
Five Years	561	33	5.9		0.0		0.0	0	0.0
Total	3487	924	26.5	0	0.0	1	0.1	1	0.1
6-17 Years	6848	39	0.6		0.0		0.0	0	0.0

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	582	23	4.0		0.0	2	8.7	2	8.7
One Year	592	392	66.2		0.0	5	1.3	5	1.3
Two Years	581	344	59.2	3	0.9	1	0.3	4	1.2
Three Years	580	77	13.3		0.0	3	3.9	3	3.9
Four Years	591	55	9.3		0.0	1	1.8	1	1.8
Five Years	561	33	5.9		0.0		0.0	0	0.0
Total	3,487	924	26.5	3	0.3	12	1.3	15	1.6
6-17 Years	6,848	39	0.6		0.0		0.0	0	0.0

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

County Unknown

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One		1						0	
One Year		7						0	
Two Years		5						0	
Three Years		1						0	
Four Years		1						0	
Five Years		1						0	
Total		16		0		0		0	
6-17 Years		6			0.0		0.0	0	0.0
Age Group	Population of Children	Children Tested		Children with Blood Lead Level 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						0	
One Year		7						0	
Two Years		5						0	
Three Years		1						0	
Four Years		1						0	
Five Years		1						0	
Total		16						0	
6-17 Years		6				1		1	

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Statewide

Age Group	Population of Children	Children Tested		Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	92245	10699	11.6		0.0	24	0.2	24	0.2
One Year	92070	48045	52.2	16	0.0	121	0.3	137	0.3
Two Years	91801	42768	46.6	28	0.1	94	0.2	122	0.3
Three Years	91350	11219	12.3	18	0.2	33	0.3	51	0.5
Four Years	90656	11143	12.3	15	0.1	21	0.2	36	0.3
Five Years	89809	7959	8.9	6	0.1	12	0.2	18	0.2
Total	547931	131833	24.1	83	0.1	305	0.2	388	0.3
6-17 Years	946416	11367	1.2	13	0.1	34	0.3	47	0.4

Age Group	Population of Children	Children Tested		Children with Blood Lead Level 5-9 $\mu\text{g/dL}$					
				Old Cases		New (Incident) Cases		Total (Prevalent) Cases	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	92,245	10,699	11.6		0.0	102	1.0	102	1.0
One Year	92,070	48,045	52.2	45	0.1	499	1.0	544	1.1
Two Years	91,801	42,768	46.6	109	0.3	382	0.9	491	1.1
Three Years	91,350	11,219	12.3	81	0.7	142	1.3	223	2.0
Four Years	90,656	11,143	12.3	74	0.7	113	1.0	187	1.7
Five Years	89,809	7,959	8.9	51	0.6	64	0.8	115	1.4
Total	547,931	131,833	24.1	360	0.3	1,302	1.0	1,662	1.3
6-17 Years	946,416	11,367	1.2	71	0.6	189	1.7	260	2.3

Terms and definitions:

- County assignment in the order of available address information is based on census tract or zip code of the address.
- 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. 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 '*'.
- Old cases are based on the number of children who have had a blood lead test with blood lead level ≥ 10 $\mu\text{g/dL}$ or blood lead test of 5-9 $\mu\text{g/dL}$ in 2016 and had at least one such blood lead test in the past.
- New cases (Incidence) is based on the number of children with the very first blood lead test with blood lead level ≥ 10 $\mu\text{g/dL}$ or blood lead level of 5-9 $\mu\text{g/dL}$ in 2017. These children either may have not been tested for lead in the past or all their previous blood lead tests was below 10 $\mu\text{g/dL}$, or below 5 $\mu\text{g/dL}$.
- Prevalence is the number of children with at least one blood lead test with blood lead level ≥ 10 $\mu\text{g/dL}$ or 5-9 $\mu\text{g/dL}$ in 2017.
- The selection of blood lead test is based on the highest blood lead level in 2017. If a child had multiple blood lead tests some in 5-9 $\mu\text{g/dL}$ range and some ≥ 10 $\mu\text{g/dL}$, the child was counted in the ≥ 10 category only.
- Percentages are rounded to the first decimal point. As such the sum of breakdown percentages may not equal total percentage.