



## **MARYLAND DEPARTMENT OF THE ENVIRONMENT**

Lead Poisoning Prevention Program

Childhood Blood Lead Surveillance in Maryland

Annual Report 2009

Age-specific blood lead testing by jurisdiction: Five year data: 2005-2009

Supplementary Data Tables: Supplement #5

*August, 2010*



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**Lead Poisoning Prevention Program: Childhood Lead Registry**  
Age-specific blood lead testing by jurisdiction: Five year data: 2005-2009

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	807	26	3.2	821	46	5.6	836	24	2.9	859	23	2.7	868	26	3.0
One Year	815	477	58.6	827	491	59.4	841	553	65.8	773	550	71.1	782	599	76.6
Two Years	845	356	42.1	855	433	50.7	867	430	49.6	910	515	56.6	918	527	57.4
Three Years	815	64	7.9	817	74	9.1	826	77	9.3	881	75	8.5	888	79	8.9
Four Years	785	77	9.8	787	77	9.8	789	89	11.3	783	79	10.1	788	85	10.8
Five Years	754	37	4.9	797	51	6.4	798	58	7.3	760	81	10.7	764	55	7.2
<b>Total</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>5,007</b>	<b>1,371</b>	<b>27.4</b>
<b>Anne Arundel County</b>															
Under One	7,227	634	8.8	7,351	582	7.9	7,488	570	7.6	7,529	551	7.3	7,609	642	8.4
One Year	7,322	2,548	34.8	7,433	2,534	34.1	7,559	2,711	35.9	7,875	2,845	36.1	7,959	3,007	37.8
Two Years	7,082	1,734	24.5	7,161	1,683	23.5	7,268	1,667	22.9	7,166	1,732	24.2	7,231	1,852	25.6
Three Years	7,092	637	9.0	7,111	642	9.0	7,189	613	8.5	7,285	706	9.7	7,347	707	9.6
Four Years	7,086	581	8.2	7,096	515	7.3	7,114	589	8.3	7,106	546	7.7	7,157	624	8.7
Five Years	6,767	497	7.3	7,153	466	6.5	7,160	465	6.5	7,130	437	6.1	7,168	501	7.0
<b>Total</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>44,471</b>	<b>7,333</b>	<b>16.5</b>
<b>Baltimore County</b>															
Under One	9,818	1,483	15.1	9,987	1,662	16.6	10,174	1,807	17.8	9,729	1,564	16.1	9,829	1,743	17.7
One Year	9,815	4,783	48.7	9,964	5,300	53.2	10,132	5,679	56.1	10,304	5,632	54.7	10,405	5,510	53.0
Two Years	9,675	3,881	40.1	9,783	4,164	42.6	9,929	4,489	45.2	9,893	4,811	48.6	9,980	5,108	51.2
Three Years	9,691	1,606	16.6	9,717	1,585	16.3	9,824	1,628	16.6	10,384	1,494	14.4	10,470	1,639	15.7
Four Years	9,971	1,592	16.0	9,986	1,498	15.0	10,011	1,510	15.1	10,273	1,313	12.8	10,352	1,252	12.1
Five Years	9,180	1,160	12.6	9,711	1,135	11.7	9,725	1,142	11.7	9,963	1,023	10.3	10,018	887	8.9
<b>Total</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>61,053</b>	<b>16,139</b>	<b>26.4</b>
<b>Baltimore City</b>															
Under One	9,611	1,725	17.9	9,776	1,781	18.2	9,959	1,613	16.2	10,508	1,559	14.8	10,618	1,718	16.2
One Year	9,192	5,911	64.3	9,331	6,190	66.3	9,488	5,982	63.0	9,685	6,578	67.9	9,779	6,621	67.7
Two Years	8,822	4,572	51.8	8,921	4,719	52.9	9,054	4,736	52.3	8,892	5,106	57.4	8,978	5,525	61.5
Three Years	8,850	2,302	26.0	8,874	2,245	25.3	8,971	2,194	24.5	9,059	2,214	24.4	9,131	2,222	24.3
Four Years	8,671	2,008	23.2	8,684	1,984	22.8	8,706	1,825	21.0	9,165	1,862	20.3	9,229	1,775	19.2
Five Years	8,481	1,425	16.8	8,961	1,444	16.1	8,964	1,320	14.7	8,650	1,303	15.1	8,696	1,182	13.6
<b>Total</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>	<b>56,431</b>	<b>19,043</b>	<b>33.7</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: 2005-2009

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	1,059	69	6.5	1,077	65	6.0	1,097	102	9.3	1,032	162	15.7	1,043	133	12.7
One Year	1,022	326	31.9	1,037	335	32.3	1,055	357	33.8	1,179	310	26.3	1,191	279	23.4
Two Years	1,139	204	17.9	1,152	182	15.8	1,169	162	13.9	1,090	159	14.6	1,100	134	12.2
Three Years	1,101	64	5.8	1,104	78	7.1	1,116	55	4.9	1,132	60	5.3	1,141	72	6.3
Four Years	1,171	58	5.0	1,173	49	4.2	1,176	67	5.7	1,184	38	3.2	1,192	52	4.4
Five Years	1,131	32	2.8	1,193	40	3.4	1,197	42	3.5	1,246	39	3.1	1,253	28	2.2
<b>Total</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>6,920</b>	<b>698</b>	<b>10.1</b>
<b>Caroline County</b>															
Under One	380	36	9.5	386	26	6.7	393	27	6.9	365	19	5.2	369	20	5.4
One Year	362	321	88.8	367	365	99.4	373	374	100.2	389	353	90.7	393	367	93.4
Two Years	390	262	67.2	394	294	74.6	400	297	74.3	471	322	68.4	474	310	65.4
Three Years	455	96	21.1	457	93	20.4	462	58	12.6	460	70	15.2	464	52	11.2
Four Years	407	84	20.6	408	72	17.7	409	60	14.7	393	49	12.5	396	65	16.4
Five Years	428	50	11.7	452	43	9.5	453	40	8.8	418	39	9.3	420	25	5.9
<b>Total</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>2,516</b>	<b>839</b>	<b>33.3</b>
<b>Carroll County</b>															
Under One	2,061	174	8.4	2,096	178	8.5	2,135	146	6.8	1,999	138	6.9	2,018	140	6.9
One Year	2,116	559	26.4	2,148	541	25.2	2,184	569	26.1	2,323	626	27.0	2,347	543	23.1
Two Years	2,213	269	12.2	2,238	264	11.8	2,271	280	12.3	2,414	269	11.1	2,435	284	11.7
Three Years	2,230	170	7.6	2,236	147	6.6	2,260	169	7.5	2,302	107	4.6	2,321	132	5.7
Four Years	2,316	143	6.2	2,320	134	5.8	2,326	133	5.7	2,390	94	3.9	2,409	132	5.5
Five Years	2,238	145	6.5	2,362	114	4.8	2,370	107	4.5	2,445	109	4.5	2,458	111	4.5
<b>Total</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>13,988</b>	<b>1,342</b>	<b>9.6</b>
<b>Cecil County</b>															
Under One	1,282	65	5.1	1,304	76	5.8	1,328	87	6.6	1,232	119	9.7	1,243	114	9.2
One Year	1,262	450	35.7	1,281	489	38.2	1,303	535	41.1	1,457	549	37.7	1,470	475	32.3
Two Years	1,284	129	10.0	1,299	161	12.4	1,318	169	12.8	1,447	189	13.1	1,460	196	13.4
Three Years	1,264	140	11.1	1,268	98	7.7	1,281	149	11.6	1,018	151	14.8	1,027	168	16.4
Four Years	1,353	155	11.5	1,355	131	9.7	1,359	139	10.2	1,527	127	8.3	1,538	139	9.0
Five Years	1,232	107	8.7	1,302	103	7.9	1,305	107	8.2	1,284	130	10.1	1,292	120	9.3
<b>Total</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>	<b>8,030</b>	<b>1,212</b>	<b>15.1</b>

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Age Group	2004			2005			2006			2007			2008		
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<b>Charles County</b>															
Under One	1,770	231	13.0	1,801	265	14.7	1,835	261	14.2	2,037	272	13.4	2,057	214	10.4
One Year	1,864	471	25.3	1,892	552	29.2	1,924	639	33.2	1,672	610	36.5	1,690	563	33.3
Two Years	1,912	522	27.3	1,934	489	25.3	1,962	493	25.1	1,961	571	29.1	1,980	547	27.6
Three Years	1,859	223	12.0	1,864	255	13.7	1,885	240	12.7	2,131	248	11.6	2,148	237	11.0
Four Years	1,903	223	11.7	1,906	229	12.0	1,911	219	11.5	1,957	188	9.6	1,971	166	8.4
Five Years	1,903	141	7.4	2,008	129	6.4	2,012	147	7.3	2,244	143	6.4	2,255	109	4.8
<b>Total</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>12,101</b>	<b>1,836</b>	<b>15.2</b>
<b>Dorchester County</b>															
Under One	364	13	3.6	371	25	6.7	377	12	3.2	397	16	4.0	402	21	5.2
One Year	332	267	80.3	337	274	81.2	343	293	85.4	400	291	72.8	404	317	78.4
Two Years	370	157	42.4	374	219	58.5	380	207	54.5	341	226	66.2	344	239	69.4
Three Years	363	71	19.6	364	83	22.8	368	81	22.0	399	62	15.6	402	84	20.9
Four Years	356	62	17.4	357	60	16.8	358	56	15.6	351	51	14.5	353	38	10.8
Five Years	355	39	11.0	374	23	6.1	375	27	7.2	379	34	9.0	381	31	8.1
<b>Total</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>2,287</b>	<b>730</b>	<b>31.9</b>
<b>Frederick County</b>															
Under One	2,917	257	8.8	2,968	219	7.4	3,023	217	7.2	3,517	156	4.4	3,557	149	4.2
One Year	3,049	1,165	38.2	3,095	1,279	41.3	3,147	1,488	47.3	3,026	1,428	47.2	3,057	1,411	46.2
Two Years	3,038	524	17.2	3,072	564	18.4	3,118	638	20.5	3,112	695	22.3	3,142	693	22.1
Three Years	3,073	335	10.9	3,081	305	9.9	3,115	369	11.8	3,426	341	10.0	3,454	357	10.3
Four Years	3,130	395	12.6	3,135	371	11.8	3,143	380	12.1	2,834	406	14.3	2,853	346	12.1
Five Years	2,965	343	11.6	3,133	370	11.8	3,140	373	11.9	3,270	350	10.7	3,286	225	6.8
<b>Total</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>19,349</b>	<b>3,181</b>	<b>16.4</b>
<b>Garrett County</b>															
Under One	397	32	8.1	404	21	5.2	412	19	4.6	514	14	2.7	519	16	3.1
One Year	388	166	42.8	394	183	46.5	400	197	49.2	364	199	54.7	368	144	39.1
Two Years	392	137	35.0	396	156	39.4	402	166	41.3	442	152	34.4	447	166	37.1
Three Years	374	71	19.0	375	68	18.1	379	67	17.7	356	43	12.1	359	52	14.5
Four Years	408	59	14.5	409	37	9.1	410	47	11.5	381	33	8.7	384	53	13.8
Five Years	406	67	16.5	428	30	7.0	429	45	10.5	410	38	9.3	412	42	10.2
<b>Total</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>	<b>2,490</b>	<b>473</b>	<b>19.0</b>

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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	3,287	360	11.0	3,344	408	12.2	3,406	525	15.4	3,464	561	16.2	3,499	524	15.0
One Year	3,434	933	27.2	3,486	958	27.5	3,545	1,015	28.6	3,723	1,019	27.4	3,760	1,010	26.9
Two Years	3,354	648	19.3	3,392	743	21.9	3,443	768	22.3	3,568	781	21.9	3,600	800	22.2
Three Years	3,542	326	9.2	3,552	333	9.4	3,591	368	10.2	3,470	303	8.7	3,499	287	8.2
Four Years	3,451	394	11.4	3,456	353	10.2	3,465	364	10.5	3,440	335	9.7	3,464	303	8.7
Five Years	3,302	278	8.4	3,491	246	7.0	3,498	306	8.7	3,339	259	7.8	3,357	260	7.7
<b>Total</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>21,180</b>	<b>3,184</b>	<b>15.0</b>
<b>Howard County</b>															
Under One	3,825	254	6.6	3,890	235	6.0	3,963	245	6.2	4,125	269	6.5	4,171	289	6.9
One Year	3,811	787	20.7	3,869	752	19.4	3,934	804	20.4	4,020	930	23.1	4,064	867	21.3
Two Years	3,935	457	11.6	3,979	498	12.5	4,039	538	13.3	4,206	570	13.6	4,244	609	14.4
Three Years	4,072	286	7.0	4,083	246	6.0	4,128	311	7.5	4,301	285	6.6	4,337	296	6.8
Four Years	4,099	275	6.7	4,105	265	6.5	4,115	241	5.9	3,760	261	6.9	3,786	244	6.4
Five Years	3,945	214	5.4	4,166	192	4.6	4,177	195	4.7	4,365	178	4.1	4,388	198	4.5
<b>Total</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>24,990</b>	<b>2,503</b>	<b>10.0</b>
<b>Kent County</b>															
Under One	214	8	3.7	218	30	13.8	222	37	16.7	207	29	14.0	209	32	15.3
One Year	198	77	39.0	201	113	56.3	204	129	63.2	242	110	45.4	245	142	57.9
Two Years	191	44	23.0	193	71	36.8	196	85	43.4	200	99	49.4	202	93	46.0
Three Years	176	21	11.9	177	18	10.2	179	41	23.0	158	22	14.0	159	25	15.8
Four Years	183	13	7.1	183	18	9.8	184	28	15.2	188	27	14.4	190	21	11.1
Five Years	203	9	4.4	213	7	3.3	213	14	6.6	247	16	6.5	248	10	4.0
<b>Total</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>1,253</b>	<b>323</b>	<b>25.8</b>
<b>Montgomery County</b>															
Under One	13,358	3,324	24.9	13,588	3,458	25.4	13,842	3,718	26.9	13,897	3,787	27.2	14,047	3,436	24.5
One Year	12,969	3,998	30.8	13,165	4,462	33.9	13,388	4,831	36.1	13,450	4,706	35.0	13,585	4,847	35.7
Two Years	12,882	3,371	26.2	13,027	3,790	29.1	13,221	4,057	30.7	13,925	4,604	33.1	14,052	4,635	33.0
Three Years	12,818	1,907	14.9	12,852	2,005	15.6	12,993	2,053	15.8	12,699	1,955	15.4	12,807	1,914	14.9
Four Years	13,101	2,273	17.3	13,121	2,359	18.0	13,153	2,229	16.9	13,722	2,221	16.2	13,823	2,049	14.8
Five Years	11,958	1,480	12.4	12,656	1,337	10.6	12,667	1,386	10.9	12,569	1,314	10.5	12,637	1,319	10.4
<b>Total</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>	<b>80,950</b>	<b>18,200</b>	<b>22.5</b>

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**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
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Age-specific blood lead testing by jurisdiction: Five year data: 2005-2009

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	12,415	1,743	14.0	12,629	1,858	14.7	12,865	1,865	14.5	13,496	1,822	13.5	13,637	1,925	14.1
One Year	12,575	5,318	42.3	12,765	5,824	45.6	12,981	5,632	43.4	13,315	5,899	44.3	13,448	5,891	43.8
Two Years	12,535	3,954	31.5	12,676	4,033	31.8	12,865	4,024	31.3	12,790	4,323	33.8	12,909	4,702	36.4
Three Years	12,605	2,288	18.2	12,639	2,319	18.3	12,778	2,305	18.0	12,746	2,455	19.3	12,850	2,547	19.8
Four Years	12,573	2,654	21.1	12,592	2,653	21.1	12,623	2,528	20.0	12,855	2,506	19.5	12,948	2,751	21.2
Five Years	12,010	1,949	16.2	12,695	1,874	14.8	12,714	1,717	13.5	12,423	1,727	13.9	12,486	1,778	14.2
<b>Total</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>78,279</b>	<b>19,594</b>	<b>25.0</b>
<b>Queen Anne's County</b>															
Under One	582	29	5.0	592	38	6.4	603	43	7.1	611	45	7.4	618	39	6.3
One Year	560	189	33.7	569	273	48.0	579	281	48.6	599	233	38.9	605	237	39.2
Two Years	533	137	25.7	539	174	32.3	547	188	34.3	614	157	25.6	619	194	31.3
Three Years	590	58	9.8	591	65	11.0	598	76	12.7	697	77	11.0	704	56	8.0
Four Years	539	50	9.3	540	75	13.9	542	66	12.2	408	56	13.7	411	60	14.6
Five Years	562	21	3.7	593	34	5.7	594	49	8.2	654	26	4.0	658	21	3.2
<b>Total</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>3,614</b>	<b>607</b>	<b>16.8</b>
<b>Saint Mary's County</b>															
Under One	1,290	221	17.1	1,313	250	19.0	1,337	253	18.9	1,430	202	14.1	1,444	227	15.7
One Year	1,350	516	38.2	1,370	549	40.1	1,394	549	39.4	1,415	607	42.9	1,428	571	40.0
Two Years	1,406	399	28.4	1,422	427	30.0	1,443	418	29.0	1,368	467	34.1	1,383	496	35.9
Three Years	1,348	112	8.3	1,352	142	10.5	1,366	111	8.1	1,515	120	7.9	1,527	101	6.6
Four Years	1,355	87	6.4	1,357	86	6.3	1,361	75	5.5	1,307	70	5.4	1,315	79	6.0
Five Years	1,395	46	3.3	1,471	63	4.3	1,474	62	4.2	1,512	51	3.4	1,520	53	3.5
<b>Total</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>8,618</b>	<b>1,527</b>	<b>17.7</b>
<b>Somerset County</b>															
Under One	278	29	10.4	283	38	13.4	288	39	13.5	286	22	7.7	288	32	11.1
One Year	231	168	72.6	235	186	79.2	239	208	87.1	194	183	94.6	195	210	107.4
Two Years	256	157	61.4	259	172	66.5	262	170	64.8	281	206	73.4	283	161	56.9
Three Years	250	65	26.0	251	52	20.7	254	51	20.1	263	60	22.8	266	49	18.4
Four Years	281	45	16.0	281	39	13.9	282	44	15.6	286	35	12.2	287	31	10.8
Five Years	238	24	10.1	252	19	7.5	252	17	6.7	212	16	7.5	213	14	6.6
<b>Total</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>	<b>1,533</b>	<b>497</b>	<b>32.4</b>

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**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
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Age-specific blood lead testing by jurisdiction: Five year data: 2005-2009

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	372	16	4.3	378	18	4.8	385	21	5.4	327	15	4.6	331	16	4.8
One Year	331	254	76.7	336	268	79.7	342	304	88.9	377	261	69.2	381	305	80.0
Two Years	389	161	41.4	393	215	54.7	399	238	59.7	458	239	52.2	462	245	53.1
Three Years	402	72	17.9	403	53	13.2	407	75	18.4	437	39	8.9	440	43	9.8
Four Years	402	45	11.2	402	49	12.2	403	35	8.7	375	29	7.7	377	35	9.3
Five Years	391	25	6.4	413	33	8.0	414	29	7.0	425	29	6.8	427	31	7.3
<b>Total</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>2,417</b>	<b>675</b>	<b>27.9</b>
<b>Washington County</b>															
Under One	1,816	146	8.0	1,847	121	6.6	1,881	124	6.6	1,897	96	5.1	1,916	84	4.4
One Year	1,710	1,065	62.3	1,735	1,020	58.8	1,765	1,108	62.8	1,710	1,098	64.2	1,729	1,059	61.2
Two Years	1,765	759	43.0	1,785	729	40.8	1,811	760	42.0	2,033	868	42.7	2,050	879	42.9
Three Years	1,770	382	21.6	1,775	327	18.4	1,794	330	18.4	1,726	312	18.1	1,740	324	18.6
Four Years	1,717	441	25.7	1,720	415	24.1	1,724	392	22.7	1,848	366	19.8	1,864	377	20.2
Five Years	1,637	442	27.0	1,732	400	23.1	1,733	350	20.2	1,899	301	15.8	1,908	283	14.8
<b>Total</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>11,207</b>	<b>3,006</b>	<b>26.8</b>
<b>Wicomico County</b>															
Under One	1,224	146	11.9	1,245	225	18.1	1,268	218	17.2	1,266	97	7.7	1,278	109	8.5
One Year	1,115	697	62.5	1,132	718	63.4	1,151	1,053	91.5	1,219	890	73.0	1,233	821	66.6
Two Years	1,142	609	53.3	1,154	725	62.8	1,172	855	73.0	1,184	807	68.2	1,193	741	62.1
Three Years	1,219	252	20.7	1,222	307	25.1	1,236	399	32.3	1,297	273	21.0	1,309	264	20.2
Four Years	1,058	218	20.6	1,059	273	25.8	1,062	306	28.8	933	215	23.0	939	187	19.9
Five Years	1,080	174	16.1	1,142	192	16.8	1,142	144	12.6	1,099	138	12.6	1,105	126	11.4
<b>Total</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>7,058</b>	<b>2,248</b>	<b>31.9</b>
<b>Worcester County</b>															
Under One	522	42	8.0	531	58	10.9	541	66	12.2	547	26	4.8	554	29	5.2
One Year	492	239	48.6	499	335	67.1	508	293	57.7	513	337	65.7	518	324	62.5
Two Years	524	208	39.7	529	230	43.4	537	316	58.8	607	277	45.6	612	297	48.5
Three Years	464	86	18.5	465	128	27.5	470	138	29.3	466	123	26.4	469	94	20.0
Four Years	461	75	16.3	461	134	29.1	462	74	16.0	455	92	20.2	459	62	13.5
Five Years	489	46	9.4	516	77	14.9	516	60	11.6	561	55	9.8	564	44	7.8
<b>Total</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>	<b>3,177</b>	<b>850</b>	<b>26.8</b>

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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	76,876	11,112	14.5	78,199	11,702	15.0	79,659	12,063	15.1	81,272	11,572	14.2	82,123	11,678	14.2
One Year	76,314	31,782	41.6	77,470	34,065	44.0	78,779	35,686	45.3	80,225	36,272	45.2	81,038	36,122	44.6
Two Years	76,074	23,741	31.2	76,927	25,186	32.7	78,074	26,217	33.6	79,371	28,162	35.5	80,099	29,433	36.7
Three Years	76,422	11,678	15.3	76,629	11,687	15.3	77,470	11,990	15.5	78,608	11,602	14.8	79,260	11,804	14.9
Four Years	76,778	12,054	15.7	76,892	11,893	15.5	77,084	11,524	14.9	77,920	11,004	14.1	78,484	10,926	13.9
Five Years	73,050	8,781	12.0	77,214	8,441	10.9	77,324	8,228	10.6	77,504	7,840	10.1	77,915	7,453	9.6
<b>Total</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>	<b>478,919</b>	<b>107,416</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 I-4 of the CLR Annual Reports for each calendar year.

Refer to page 8 for terms and definitions.