

## North Carolina Childhood Blood Lead Surveillance Data

"Target Population" is based on the number of live births in preceding years. "Number Tested" is an unduplicated count of children tested for lead poisoning within the calendar year. "Percent Tested" is the number of children tested divided by the target population. Starting July 5, 2012, the CDC lowered its reference value to 5  $\mu\text{g}/\text{dL}$ ; therefore, surveillance tables for 2013 and later include testing and confirmation at  $\geq 5 \mu\text{g}/\text{dL}$ . Starting in 2013, Children are counted as being "tested" for lead poisoning in successive years until they are confirmed to have a lead level  $\geq 5$  micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ). "Confirmed" lead levels are based on the confirmation date and are classified according to the highest level confirmed during the calendar year. The categories "Confirmed 5-9," "Confirmed 10-19," and "Confirmed  $\geq 20$ " are mutually exclusive.

The numbers reported for North Carolina Childhood Blood Lead Surveillance Data may vary somewhat from previous reports due to ongoing data corrections. At the time of this report, 2.1% of child events in the surveillance system were possible duplicates for 2013.

## 2013 NORTH CAROLINA CHILDHOOD BLOOD LEAD SURVEILLANCE DATA, BY COUNTY

County	Ages 1 and 2 Years Tested for Lead Poisoning					Ages 6 Months to 6 Years			
	Target Population*	Number Tested	Percent Tested	Lead ≥ 5	Percent ≥ 5	Number Tested	Confirmed		
							5-9	10-19	≥ 20
ALAMANCE	3,431	1,851	53.9	49	2.6	2,320	9		
ALEXANDER	704	461	65.5	4	0.9	563			1
ALLEGHANY	172	137	79.7	3	2.2	211			
ANSON	527	281	53.3	6	2.1	423		1	
ASHE	486	351	72.2	3	0.9	410			
AVERY	285	263	92.3	1	0.4	293			
BEAUFORT	999	710	71.1	8	1.1	760	4	1	
BERTIE	381	236	61.9	4	1.7	299	6		
BLADEN	712	488	68.5	9	1.8	529	3	1	
BRUNSWICK	2,080	961	46.2	12	1.2	1,178	1		
BUNCOMBE	5,152	2,949	57.2	52	1.8	3,296	5	2	
BURKE	1,743	1,366	78.4	13	1.0	1,473	6		
CABARRUS	4,568	2,400	52.5	44	1.8	2,666	13	1	
CALDWELL	1,586	1,204	75.9	14	1.2	1,314	3		
CAMDEN	168	91	54.2	1	1.1	125		1	
CARTERET	1,235	844	68.3	20	2.4	901		1	1
CASWELL	434	193	44.5	5	2.6	213			
CATAWBA	3,600	2,444	67.9	20	0.8	2,824	10	2	1
CHATHAM	1,248	608	48.7	10	1.6	684	3	1	1
CHEROKEE	447	303	67.8	2	0.7	380	1	1	
CHOWAN	317	195	61.5	13	6.7	218	3	1	
CLAY	163	115	70.6	1	0.9	141	1		
CLEVELAND	2,183	1,516	69.4	17	1.1	1,989	12	3	
COLUMBUS	1,275	744	58.4	10	1.3	1,036	6		
CRAVEN	3,267	1,934	59.2	21	1.1	2,189	10	2	
CUMBERLAND	11,605	4,205	36.2	81	1.9	4,827	19	4	
CURRITUCK	441	159	36.1	4	2.5	240			
DARE	758	348	45.9	6	1.7	383	3		
DAVIDSON	3,413	2,150	63.0	43	2.0	2,426	7	1	
DAVIE	788	453	57.5	12	2.6	480	2		
DUPLIN	1,549	930	60.0	7	0.8	1,065	3		
DURHAM	8,552	4,155	48.6	48	1.2	5,024	10	4	
EDGECOMBE	1,331	921	69.2	27	2.9	1,129	9	3	
FORSYTH	9,205	5,759	62.6	58	1.0	6,125	25	2	4
FRANKLIN	1,327	782	58.9	24	3.1	868	1	2	
GASTON	5,078	1,994	39.3	25	1.3	2,257	8	1	
GATES	229	98	42.8	3	3.1	127			
GRAHAM	189	121	64.0			168			
GRANVILLE	1,116	553	49.6	2	0.4	596	1		
GREENE	453	262	57.8	2	0.8	345	4		
GUILFORD	12,213	9,088	74.4	113	1.2	10,072	27	5	1
HALIFAX	1,162	1,049	90.3	39	3.7	1,161	10		
HARNETT	3,533	1,852	52.4	32	1.7	2,244	9	1	
HAYWOOD	1,121	701	62.5	12	1.7	754	4		
HENDERSON	2,121	1,135	53.5	16	1.4	1,390	2	1	
HERTFORD	477	326	68.3	8	2.5	373			
HOKE	1,940	858	44.2	10	1.2	1,019	3		
HYDE	101	57	56.4	1	1.8	67			
IREDELL	3,474	1,803	51.9	20	1.1	2,058	7	1	1
JACKSON	761	490	64.4	2	0.4	550			
JOHNSTON	4,494	2,188	48.7	45	2.1	2,547	6	2	

\*Target Population is based on the number of live births in 2011 and 2012

\*\*Includes ages 9-11 months

Prepared by Children's Environmental Health

Last updated 12/15/2016

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JONES	207	147	71.0	5	3.4	162			
LEE	1,652	1,150	69.6	23	2.0	1,422	5		
LENOIR	1,313	839	63.9	15	1.8	1,169	11	2	
LINCOLN	1,539	575	37.4	3	0.5	769	2		
MACON	657	428	65.1	8	1.9	514	2	2	
MADISON	384	206	53.6	2	1.0	251	1		
MARTIN	471	254	53.9	4	1.6	356			
MCDOWELL	904	523	57.9	21	4.0	624	3	1	
MECKLENBURG	27,582	8,159	29.6	90	1.1	9,997	19	4	2
MITCHELL	282	193	68.4	1	0.5	238	1		
MONTGOMERY	678	601	88.6	10	1.7	689	7		1
MOORE	1,936	1,296	66.9	21	1.6	1,452	7	1	
NASH	2,199	1,617	73.5	58	3.6	1,922	21	2	1
NEW HANOVER	4,483	2,938	65.5	32	1.1	3,315	14	2	1
NORTHAMPTON	387	312	80.6	8	2.6	359	3		
ONSLow	8,779	3,576	40.7	33	0.9	4,243	5		
ORANGE	2,598	1,099	42.3	15	1.4	1,238	2		
PAMLICO	187	141	75.4			164			
PASQUOTANK	963	419	43.5	9	2.1	477	3	1	
PENDER	1,204	778	64.6	10	1.3	960	2		
PERQUIMANS	259	154	59.5	5	3.2	170			
PERSON	778	246	31.6	5	2.0	307		1	
PITT	4,311	1,947	45.2	21	1.1	2,325	6		
POLK	255	103	40.4	2	1.9	184			
RANDOLPH	3,209	1,974	61.5	32	1.6	2,244	3	3	
RICHMOND	1,122	773	68.9	9	1.2	928	10	1	
ROBESON	3,720	2,721	73.1	46	1.7	3,182	20	2	
ROCKINGHAM	1,838	867	47.2	31	3.6	1,027	7	1	
ROWAN	3,114	1,533	49.2	24	1.6	1,849	6	1	
RUTHERFORD	1,377	500	36.3	11	2.2	818	5	1	
SAMPSON	1,698	1,306	76.9	21	1.6	1,433	13		
SCOTLAND	911	640	70.3	9	1.4	699	1	2	
STANLY	1,268	1,046	82.5	17	1.6	1,091	10		
STOKES	806	537	66.6	10	1.9	567	4		
SURRY	1,562	999	64.0	47	4.7	1,104	3	2	
SWAIN	390	227	58.2	5	2.2	262	2		
TRANSYLVANIA	506	377	74.5	11	2.9	488	2		1
TYRRELL	81	53	65.4			56	1		
UNION	4,763	1,693	35.5	10	0.6	2,133	6		
VANCE	1,150	572	49.7	12	2.1	676	3		
WAKE	24,767	10,462	42.2	112	1.1	11,898	24	1	1
WARREN	341	214	62.8	4	1.9	247		1	
WASHINGTON	264	177	67.0	7	4.0	215	2		
WATAUGA	709	583	82.2	2	0.3	670	1		
WAYNE	3,520	2,008	57.0	11	0.5	2,379	9	2	
WILKES	1,370	802	58.5	17	2.1	848	3		
WILSON	1,923	1,328	69.1	23	1.7	1,549	7		
YADKIN	814	486	59.7	9	1.9	547	3		
YANCEY	345	231	67.0	3	1.3	283	3		
<b>STATE</b>	<b>240,170</b>	<b>124,892</b>	<b>52.0</b>	<b>1,866</b>	<b>1.5</b>	<b>145,230</b>	<b>518</b>	<b>78</b>	<b>17</b>

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