

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 ≥ 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 ≥ 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, 1.6% of child events in the surveillance system were possible duplicates for 2014.

2014 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	3,541	1,979	55.9	32	1.6	2,378	17	1	1
ALEXANDER	744	495	66.5	4	0.8	604	1		
ALLEGHANY	182	136	74.7	4	2.9	179	1		1
ANSON	506	222	43.9	5	2.3	314	1		
ASHE	501	322	64.3	2	0.6	370			
AVERY	295	249	84.4			265			
BEAUFORT	996	678	68.1	9	1.3	718	3	3	1
BERTIE	365	250	68.5	5	2.0	305	4		
BLADEN	733	455	62.1	10	2.2	493	1		
BRUNSWICK	2,038	895	43.9	7	0.8	1,072	1		
BUNCOMBE	5,272	2,931	55.6	39	1.3	3,287	10	1	
BURKE	1,701	1,343	79.0	13	1.0	1,431	8		
CABARRUS	4,585	2,105	45.9	18	0.9	2,338	7	2	
CALDWELL	1,578	1,239	78.5	12	1.0	1,349	5	2	
CAMDEN	178	91	51.1	3	3.3	101	2		
CARTERET	1,262	858	68.0	15	1.7	899	1		
CASWELL	420	201	47.9	4	2.0	225	1	1	
CATAWBA	3,500	2,335	66.7	22	0.9	2,621	8	2	
CHATHAM	1,212	580	47.9	5	0.9	655	3		
CHEROKEE	421	267	63.4	5	1.9	375		1	
CHOWAN	311	186	59.8	9	4.8	212	3		
CLAY	172	136	79.1	1	0.7	156			
CLEVELAND	2,147	1,381	64.3	15	1.1	1,851	7	3	
COLUMBUS	1,275	683	53.6	11	1.6	984	2		
CRAVEN	3,127	1,936	61.9	18	0.9	2,224	9	5	2
CUMBERLAND	11,225	4,117	36.7	68	1.7	4,661	10	1	1
CURRITUCK	465	167	35.9	3	1.8	230		1	
DARE	731	320	43.8	8	2.5	351			
DAVIDSON	3,391	2,227	65.7	38	1.7	2,426	10		
DAVIE	777	433	55.7	12	2.8	476	1		
DUPLIN	1,493	961	64.4	14	1.5	1,107	3		
DURHAM	8,513	3,995	46.9	25	0.6	4,663	9	2	
EDGECOMBE	1,308	950	72.6	38	4.0	1,067	14	3	
FORSYTH	9,146	5,902	64.5	68	1.2	6,283	27	4	1
FRANKLIN	1,346	777	57.7	12	1.5	859	5	1	
GASTON	4,961	1,893	38.2	21	1.1	2,117	3	1	1
GATES	222	102	45.9	2	2.0	124			
GRAHAM	186	126	67.7	1	0.8	147			
GRANVILLE	1,087	559	51.4	5	0.9	611	3		
GREENE	423	239	56.5	8	3.3	313			1
GUILFORD	12,333	8,749	70.9	113	1.3	9,581	31	6	2
HALIFAX	1,144	985	86.1	37	3.8	1,065	9	1	1
HARNETT	3,627	1,848	51.0	19	1.0	2,234	13	2	
HAYWOOD	1,096	705	64.3	6	0.9	779	2	1	
HENDERSON	2,097	1,030	49.1	11	1.1	1,293	2	2	
HERTFORD	473	347	73.4	6	1.7	395	2	1	
HOKE	1,831	813	44.4	8	1.0	907	4		
HYDE	107	63	58.9	2	3.2	73			
IREDELL	3,479	1,778	51.1	35	2.0	2,006	2	2	
JACKSON	730	457	62.6	10	2.2	513	2	1	
JOHNSTON	4,382	1,808	41.3	13	0.7	2,037	5	2	

*Target Population is based on the number of live births in 2012 and 2013

**Includes ages 9-11 months

Prepared by Children's Environmental Health

Last updated 12/15/2016

2014 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
JONES	185	123	66.5	3	2.4	148	1		
LEE	1,601	966	60.3	17	1.8	1,194	3	1	
LENOIR	1,311	894	68.2	14	1.6	1,227	8	4	
LINCOLN	1,496	630	42.1	6	1.0	749	1		
MACON	685	495	72.3	11	2.2	530	2	1	
MADISON	389	206	53.0	2	1.0	251	2	1	
MARTIN	482	282	58.5			404	3		
MCDOWELL	911	551	60.5	26	4.7	646	2		
MECKLENBURG	27,668	8,097	29.3	108	1.3	10,211	24	8	
MITCHELL	288	167	58.0	6	3.6	187			
MONTGOMERY	625	470	75.2	8	1.7	582	6	2	
MOORE	1,951	1,049	53.8	15	1.4	1,183	5	1	
NASH	2,220	1,702	76.7	49	2.9	1,948	13	3	
NEW HANOVER	4,473	2,939	65.7	20	0.7	3,225	6	5	1
NORTHAMPTON	386	306	79.3	12	3.9	339	4		
ONslow	8,736	3,326	38.1	19	0.6	3,992	1		
ORANGE	2,478	1,098	44.3	11	1.0	1,243	4	1	1
PAMLICO	177	142	80.2			172			
PASQUOTANK	962	544	56.5	15	2.8	598	4	1	2
PENDER	1,167	742	63.6	10	1.3	860			
PERQUIMANS	268	194	72.4	2	1.0	214		1	
PERSON	801	206	25.7	3	1.5	269	3		
PITT	4,278	2,025	47.3	10	0.5	2,380	7	1	
POLK	282	92	32.6	1	1.1	150			
RANDOLPH	3,224	2,062	64.0	35	1.7	2,304	8	1	
RICHMOND	1,056	627	59.4	13	2.1	759	2		
ROBESON	3,768	2,701	71.7	46	1.7	3,159	12		
ROCKINGHAM	1,905	975	51.2	24	2.5	1,135	5		
ROWAN	3,101	1,593	51.4	35	2.2	1,869	10	5	1
RUTHERFORD	1,334	416	31.2	9	2.2	713		1	
SAMPSON	1,712	1,301	76.0	19	1.5	1,477	8	1	1
SCOTLAND	902	625	69.3	16	2.6	678	4	1	
STANLY	1,267	1,059	83.6	28	2.6	1,129	13	5	3
STOKES	782	528	67.5	9	1.7	557	3	1	
SURRY	1,512	945	62.5	27	2.9	1,055	5	2	
SWAIN	400	308	77.0	6	1.9	340			
TRANSYLVANIA	529	162	30.6			210			
TYRRELL	81	49	60.5			57			
UNION	4,671	1,546	33.1	15	1.0	1,971	5	4	3
VANCE	1,157	610	52.7	4	0.7	723			
WAKE	24,748	10,536	42.6	82	0.8	11,743	22	6	
WARREN	354	202	57.1	4	2.0	232	3		
WASHINGTON	267	167	62.5	4	2.4	208	2		
WATAUGA	687	555	80.8	6	1.1	622	3		
WAYNE	3,496	2,143	61.3	8	0.4	2,515	5	1	
WILKES	1,342	782	58.3	10	1.3	820	7	1	
WILSON	1,856	1,408	75.9	15	1.1	1,492	7	2	
YADKIN	812	430	53.0	5	1.2	471	4	1	
YANCEY	332	201	60.5	4	2.0	225	2		1
STATE	238,750	122,481	51.3	1,643	1.3	140,890	481	114	25

*Target Population is based on the number of live births in 2012 and 2013

**Includes ages 9-11 months

Prepared by Children's Environmental Health

Last updated 12/15/2016