

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. Children are counted as being tested for lead poisoning in successive years until they are confirmed to have a lead level ≥ 10 micrograms per deciliter ($\mu\text{g}/\text{dL}$). Confirmation is based on a child receiving two consecutive blood lead test results ≥ 10 $\mu\text{g}/\text{dL}$ within a six-month period. "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 10-19" and "Confirmed ≥ 20 " are mutually exclusive.

"Percent Tested Among Medicaid**" is based on a data match of blood lead tests with Medicaid encounter data and includes ages 9-35 months. This larger 9-35 months category reflects Health Check visits and blood lead testing for children around their first and second birthdays and up to age three.

The numbers reported for North Carolina Childhood Blood Lead Surveillance Data may vary somewhat from previous reports due to ongoing data corrections.

Last updated 09/24/2009

2009 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	Tested Among Medicaid**	Lead ≥ 10	Percent ≥ 10	Number Tested	Confirmed 10-19	≥ 20
ALAMANCE	4,032	1,918	47.6	72.6	17	0.9	2,528	4	
ALEXANDER	845	503	59.5	82.7	1	0.2	653		
ALLEGHANY	210	125	59.5	94.1	2	1.6	179		
ANSON	616	388	63.0	84.5	6	1.5	513		
ASHE	563	273	48.5	78.7		0.0	426		
AVERY	357	245	68.6	92.3		0.0	272		
BEAUFORT	1,164	781	67.1	87.6	2	0.3	864	1	
BERTIE	491	328	66.8	87.3	2	0.6	415		
BLADEN	837	381	45.5	70.3	4	1.0	495		1
BRUNSWICK	2,329	1,375	59.0	73.5	8	0.6	1,750	2	
BUNCOMBE	5,602	3,339	59.6	83.1	8	0.2	4,007	1	
BURKE	2,092	1,257	60.1	88.5	4	0.3	1,578	1	1
CABARRUS	5,336	3,342	62.6	86.6	12	0.4	3,873	1	1
CALDWELL	1,808	1,318	72.9	88.5	5	0.4	1,533	2	
CAMDEN	203	99	48.8	91.0		0.0	131		
CARTERET	1,248	819	65.6	91.2	8	1.0	1,032		1
CASWELL	436	228	52.3	82.7	1	0.4	288	1	
CATAWBA	4,114	2,611	63.5	86.8	11	0.4	3,047	1	
CHATHAM	1,492	658	44.1	75.5	2	0.3	751		
CHEROKEE	480	308	64.2	86.6		0.0	557		
CHOWAN	385	195	50.6	82.4	2	1.0	236	1	
CLAY	154	107	69.5	83.8		0.0	165		
CLEVELAND	2,440	1,503	61.6	89.7	6	0.4	2,147	2	1
COLUMBUS	1,531	968	63.2	90.8		0.0	1,366	1	
CRAVEN	3,343	2,007	60.0	92.8	7	0.3	2,395	2	1
CUMBERLAND	11,355	3,243	28.6	72.4	16	0.5	4,242	4	
CURRITUCK	489	162	33.1	74.1		0.0	246		
DARE	825	239	29.0	60.9	7	2.9	285		
DAVIDSON	3,912	2,195	56.1	82.5	10	0.5	2,552	3	1
DAVIE	884	484	54.8	83.4	5	1.0	572	2	
DUPLIN	1,655	1,114	67.3	88.3	7	0.6	1,359	2	
DURHAM	8,999	4,017	44.6	80.2	15	0.4	5,563	5	3
EDGECOMBE	1,622	1,105	68.1	86.2	7	0.6	1,301		
FORSYTH	10,230	5,873	57.4	86.5	27	0.5	6,505	10	2
FRANKLIN	1,480	772	52.2	85.2	4	0.5	931		
GASTON	5,573	1,704	30.6	55.0	3	0.2	2,401		2
GATES	244	117	48.0	77.3	3	2.6	181		
GRAHAM	199	165	82.9	93.3	1	0.6	216		
GRANVILLE	1,249	694	55.6	78.9	3	0.4	764		
GREENE	484	265	54.8	76.7	1	0.4	365		
GUILFORD	12,677	8,421	66.4	90.0	35	0.4	9,853	8	
HALIFAX	1,397	1,173	84.0	93.2	13	1.1	1,288	3	4
HARNETT	3,258	1,630	50.0	89.6	16	1.0	2,350	3	
HAYWOOD	1,186	737	62.1	89.3	7	0.9	841	1	1
HENDERSON	2,485	1,321	53.2	83.4	2	0.2	1,819		
HERTFORD	627	403	64.3	89.1	1	0.2	476		
HOKE	1,671	673	40.3	80.8	1	0.1	758		
HYDE	105	74	70.5	85.5		0.0	91		
IREDELL	3,984	1,627	40.8	79.0	4	0.2	1,949	1	
JACKSON	805	422	52.4	87.6	1	0.2	550		
JOHNSTON	5,009	2,386	47.6	75.7	12	0.5	3,104	2	

*Target Population is based on the number of live births in 2007 and 2008

**Includes ages 9-11 months

Prepared by CEHB
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JONES	181	127	70.2	81.7		0.0	161		
LEE	1,873	1,216	64.9	85.0	10	0.8	1,503	5	1
LENOIR	1,530	908	59.3	92.2	14	1.5	1,444	3	1
LINCOLN	1,813	514	28.4	38.4		0.0	728	1	
MACON	802	445	55.5	89.0	2	0.4	635		
MADISON	390	272	69.7	89.5		0.0	384		
MARTIN	585	480	82.1	89.5	3	0.6	571		
MCDOWELL	1,059	569	53.7	79.0	2	0.4	714		
MECKLENBURG	29,669	9,367	31.6	65.4	22	0.2	12,153	2	1
MITCHELL	342	178	52.0	77.0	1	0.6	224		
MONTGOMERY	797	654	82.1	96.9	3	0.5	832		
MOORE	2,026	1,273	62.8	89.3	2	0.2	1,502		
NASH	2,543	1,913	75.2	90.4	15	0.8	2,305	3	3
NEW HANOVER	4,945	3,437	69.5	86.8	9	0.3	4,397	2	
NORTHAMPTON	479	379	79.1	88.3	4	1.1	455		
ONSLow	7,365	2,355	32.0	65.1	6	0.3	2,857		1
ORANGE	2,735	1,048	38.3	71.5	5	0.5	1,231		1
PAMLICO	212	155	73.1	88.8		0.0	241		
PASQUOTANK	1,151	625	54.3	86.4	6	1.0	753	5	
PENDER	1,187	847	71.4	76.2	1	0.1	1,030		1
PERQUIMANS	277	169	61.0	84.7	1	0.6	200		
PERSON	960	498	51.9	83.1	2	0.4	674		
PITT	4,681	1,597	34.1	83.2	12	0.8	2,248	3	
POLK	300	110	36.7	70.2		0.0	235		
RANDOLPH	3,723	2,164	58.1	80.5	8	0.4	2,566	2	2
RICHMOND	1,383	889	64.3	82.9	6	0.7	1,024	4	
ROBESON	4,491	2,795	62.2	85.3	13	0.5	3,406	7	2
ROCKINGHAM	2,159	1,049	48.6	73.8	3	0.3	1,386	1	
ROWAN	3,639	1,833	50.4	79.6	7	0.4	2,501	1	1
RUTHERFORD	1,494	641	42.9	80.0	4	0.6	966	2	
SAMPSON	1,848	1,268	68.6	88.5	6	0.5	1,458		
SCOTLAND	1,077	843	78.3	85.7	3	0.4	945		
STANLY	1,445	1,141	79.0	93.0	3	0.3	1,221	1	
STOKES	902	519	57.5	73.2	2	0.4	611	3	
SURRY	1,843	1,170	63.5	82.5	6	0.5	1,363	1	1
SWAIN	381	362	95.0	82.3		0.0	401		
TRANSYLVANIA	592	342	57.8	74.2	2	0.6	508		
TYRRELL	110	85	77.3	96.2	1	1.2	96		
UNION	5,576	1,928	34.6	73.4	6	0.3	2,687		
VANCE	1,342	662	49.3	70.3	2	0.3	807	1	
WAKE	26,841	10,092	37.6	77.6	45	0.4	11,860	8	3
WARREN	414	292	70.5	85.6	4	1.4	396	4	
WASHINGTON	346	259	74.9	92.2	1	0.4	300	2	
WATAUGA	803	496	61.8	93.4		0.0	651		
WAYNE	3,575	2,348	65.7	86.7	13	0.6	2,788	8	1
WILKES	1,623	695	42.8	80.3	4	0.6	848	1	
WILSON	2,321	1,480	63.8	89.4	11	0.7	1,747	8	
YADKIN	936	553	59.1	84.3	3	0.5	649	1	
YANCEY	366	261	71.3	82.2	1	0.4	288		
STATE	261,644	129,395	49.5	79.9	583	0.5	160,713	143	38

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