

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. "Percent Tested Among Medicaid**" is based on a data match of blood lead tests with Medicaid encounter data and includes ages 9-11 months. 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 $\geq 10 \mu\text{g}/\text{dL}$ 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. The numbers reported for North Carolina Childhood Blood Lead Surveillance Data may vary somewhat from previous reports due to ongoing data corrections.

Last updated 04/20/2006

2005 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	Confirmed ≥ 20
ALAMANCE	3,607	1,029	28.5	38.4	9	0.9	1,435	2	1
ALEXANDER	806	331	41.1	51.5	1	0.3	453		
ALLEGHANY	178	99	55.6	65.2	1	1.0	156		
ANSON	646	441	68.3	69.9	6	1.4	577	1	
ASHE	534	251	47.0	67.3			430		
AVERY	329	196	59.6	69.6	1	0.5	245	1	
BEAUFORT	1,155	784	67.9	68.4	5	0.6	875	2	
BERTIE	469	327	69.7	80.5	2	0.6	448		
BLADEN	910	377	41.4	52.1	3	0.8	510	1	
BRUNSWICK	1,772	885	49.9	44.5	5	0.6	1,140	4	
BUNCOMBE	5,081	1,596	31.4	45.5	14	0.9	2,001	2	
BURKE	1,971	936	47.5	57.2	2	0.2	1,342	1	
CABARRUS	4,505	2,576	57.2	64.2	19	0.7	3,677	4	2
CALDWELL	1,859	737	39.6	53.6	6	0.8	1,279		1
CAMDEN	217	74	34.1	70.3	1	1.4	105		
CARTERET	1,239	721	58.2	73.1			956	1	
CASWELL	458	157	34.3	50.4	4	2.5	221	2	
CATAWBA	3,976	1,699	42.7	56.3	7	0.4	2,187	3	
CHATHAM	1,409	488	34.6	56.3	8	1.6	686	3	
CHEROKEE	521	74	14.2	13.2			114		
CHOWAN	327	188	57.5	74.0	3	1.6	277	1	
CLAY	177	101	57.1	69.6			155		
CLEVELAND	2,398	1,130	47.1	67.6	7	0.6	1,497	4	
COLUMBUS	1,497	876	58.5	70.8	15	1.7	1,397	9	
CRAVEN	3,119	1,652	53.0	76.4	3	0.2	2,245	1	
CUMBERLAND	10,500	2,238	21.3	41.9	15	0.7	3,378	3	2
CURRITUCK	497	199	40.0	67.5	2	1.0	324	1	
DARE	918	250	27.2	40.7			288		
DAVIDSON	3,823	1,902	49.8	61.1	16	0.8	2,350	1	2
DAVIE	830	344	41.4	58.4	7	2.0	452	1	
DUPLIN	1,523	874	57.4	68.2	19	2.2	1,133	4	2
DURHAM	7,708	2,601	33.7	51.0	16	0.6	4,045	8	1
EDGECOMBE	1,494	1,098	73.5	78.8	28	2.6	1,486	13	
FORSYTH	9,225	4,249	46.1	56.2	38	0.9	4,727	8	4
FRANKLIN	1,350	639	47.3	68.3	14	2.2	815	5	
GASTON	5,056	1,111	22.0	30.2	7	0.6	1,544	1	
GATES	218	101	46.3	51.8			144		1
GRAHAM	201	124	61.7	60.3			169		
GRANVILLE	1,247	663	53.2	63.7	9	1.4	761	4	1
GREENE	504	228	45.2	53.9	5	2.2	310	2	1
GUILFORD	11,746	5,470	46.6	63.0	44	0.8	7,138	17	2
HALIFAX	1,462	1,100	75.2	66.5	27	2.5	1,264	8	1
HARNETT	2,865	1,107	38.6	69.5	11	1.0	1,707	5	1
HAYWOOD	1,123	543	48.4	64.1	7	1.3	649	2	
HENDERSON	2,255	874	38.8	56.4	4	0.5	1,417		
HERTFORD	606	444	73.3	72.9	6	1.4	515		
HOKE	1,417	456	32.2	59.9	5	1.1	595	2	
HYDE	112	40	35.7	46.7	2	5.0	56	1	
IREDELL	3,566	1,082	30.3	46.7	9	0.8	1,241	1	1
JACKSON	705	334	47.4	64.0	2	0.6	439	1	
JOHNSTON	4,517	1,405	31.1	43.5	15	1.1	1,856	1	

*Target Population is based on the number of live births in 2003 and 2004

**Includes ages 9-11 months

Prepared by CEHB
Last updated 06/16/2006

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JONES	174	136	78.2	59.4	1	0.7	153	1	
LEE	1,676	1,137	67.8	62.2	9	0.8	1,595		1
LENOIR	1,494	957	64.1	76.7	19	2.0	1,519	8	1
LINCOLN	1,772	417	23.5	23.4	3	0.7	620	1	
MACON	662	341	51.5	62.8	2	0.6	466	2	
MADISON	449	153	34.1	48.8	1	0.7	202	1	
MARTIN	622	431	69.3	71.1	3	0.7	586		
MCDOWELL	1,001	429	42.9	53.8	7	1.6	571	4	
MECKLENBURG	25,725	6,578	25.6	45.3	38	0.6	8,500	9	2
MITCHELL	322	149	46.3	57.1	1	0.7	213		
MONTGOMERY	753	456	60.6	79.3	3	0.7	728	2	
MOORE	1,833	1,150	62.7	69.2	5	0.4	1,467	1	1
NASH	2,375	1,601	67.4	72.2	28	1.7	1,971	12	2
NEW HANOVER	4,261	2,968	69.7	65.7	23	0.8	3,845	18	3
NORTHAMPTON	476	304	63.9	64.9	8	2.6	388	3	
ONSLOW	6,548	1,428	21.8	30.8	12	0.8	1,712	2	1
ORANGE	2,637	511	19.4	37.7	7	1.4	711	4	
PAMLICO	233	154	66.1	70.9			283		
PASQUOTANK	1,028	568	55.3	69.2	5	0.9	765	5	1
PENDER	918	676	73.6	58.5	3	0.4	1,015		
PERQUIMANS	243	128	52.7	64.2	2	1.6	184	1	
PERSON	881	362	41.1	49.9	4	1.1	593	3	1
PITT	4,099	1,497	36.5	56.8	20	1.3	2,277	8	2
POLK	331	85	25.7	47.2			158		
RANDOLPH	3,603	1,479	41.0	55.2	12	0.8	1,838	6	
RICHMOND	1,226	762	62.2	79.6	12	1.6	924	6	
ROBESON	4,001	2,487	62.2	66.3	25	1.0	3,125	7	1
ROCKINGHAM	2,150	726	33.8	48.0	4	0.6	1,154	2	
ROWAN	3,276	853	26.0	32.6	12	1.4	1,111	2	1
RUTHERFORD	1,550	395	25.5	54.8	6	1.5	681	3	
SAMPSON	1,770	1,081	61.1	67.5	21	1.9	1,416	10	1
SCOTLAND	968	654	67.6	69.3	5	0.8	692	2	
STANLY	1,471	1,095	74.4	74.2	12	1.1	1,221	3	1
STOKES	1,000	423	42.3	54.7	2	0.5	534	2	
SURRY	1,779	971	54.6	61.6	17	1.8	1,201	1	
SWAIN	363	298	82.1	61.8	1	0.3	366		
TRANSYLVANIA	519	277	53.4	60.4			464		
TYRRELL	89	66	74.2	76.7	1	1.5	76	1	
UNION	4,891	1,114	22.8	51.7	8	0.7	1,920	1	
VANCE	1,326	880	66.4	67.0	7	0.8	1,046		1
WAKE	23,093	7,490	32.4	53.3	33	0.4	9,931	13	3
WARREN	415	246	59.3	67.2	5	2.0	305	4	
WASHINGTON	347	246	70.9	72.1	4	1.6	289	2	
WATAUGA	701	346	49.4	66.6	2	0.6	433		
WAYNE	3,467	2,552	73.6	84.3	23	0.9	3,068	7	4
WILKES	1,572	480	30.5	41.4	4	0.8	592	1	
WILSON	2,083	1,291	62.0	69.3	19	1.5	1,452	9	3
YADKIN	910	386	42.4	49.9	3	0.8	450		
YANCEY	354	208	58.8	53.8	1	0.5	227	1	
STATE	238,065	96,623	40.6	56.1	873	0.9	128,249	299	53

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