

## **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  $\geq 10$  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  $\geq 20$ " 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.

**Last updated 04/20/2006**

## 2006 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 $\geq 10$	Percent $\geq 10$	Number Tested	Confirmed	
							10-19	$\geq 20$	
ALAMANCE	3,589	1,138	31.7	41.1	15	1.3	1,538	2	2
ALEXANDER	819	323	39.4	50.8	3	0.9	414	1	
ALLEGHANY	207	91	44.0	55.3			125		
ANSON	587	400	68.1	63.9	4	1.0	536		
ASHE	535	276	51.6	57.2	2	0.7	395	1	
AVERY	308	205	66.6	68.4	1	0.5	238		
BEAUFORT	1,161	813	70.0	70.9	3	0.4	921	2	
BERTIE	461	301	65.3	78.0	2	0.7	439		
BLADEN	906	375	41.4	55.1	3	0.8	575		
BRUNSWICK	1,862	969	52.0	44.9	7	0.7	1,273	2	
BUNCOMBE	5,197	1,967	37.8	48.8	11	0.6	2,454	3	
BURKE	1,999	910	45.5	53.3	9	1.0	1,242	2	
CABARRUS	4,657	2,665	57.2	65.9	19	0.7	3,725	4	
CALDWELL	1,887	970	51.4	63.2	7	0.7	1,450	2	
CAMDEN	205	72	35.1	68.8	2	2.8	116		
CARTERET	1,328	815	61.4	75.6	2	0.2	1,076		
CASWELL	472	159	33.7	50.7	3	1.9	252	1	
CATAWBA	3,949	1,953	49.5	61.6	23	1.2	2,413	5	2
CHATHAM	1,469	544	37.0	51.6	8	1.5	697	6	1
CHEROKEE	532	67	12.6	14.2	1	1.5	108		
CHOWAN	356	182	51.1	68.2	3	1.6	245	1	
CLAY	173	86	49.7	58.2			142		
CLEVELAND	2,328	1,131	48.6	66.7	10	0.9	1,554	4	
COLUMBUS	1,485	918	61.8	70.2	9	1.0	1,426	3	1
Craven	3,109	1,961	63.1	75.6	11	0.6	2,522	3	
CUMBERLAND	10,755	2,181	20.3	37.6	18	0.8	3,041	7	
CURRITUCK	521	214	41.1	72.4	2	0.9	309	2	
DARE	949	293	30.9	44.4	2	0.7	363		
DAVIDSON	3,804	1,985	52.2	63.6	15	0.8	2,430	3	1
DAVIE	881	390	44.3	66.5	2	0.5	485		
DUPLIN	1,631	860	52.7	66.5	13	1.5	1,102	6	
DURHAM	7,900	3,147	39.8	55.2	23	0.7	5,126	11	1
EDGECOMBE	1,503	933	62.1	67.3	20	2.1	1,234	5	1
FORSYTH	9,323	4,406	47.3	56.0	39	0.9	4,865	13	1
FRANKLIN	1,415	680	48.1	65.9	9	1.3	860	1	1
GASTON	5,144	1,198	23.3	31.3	6	0.5	1,722	1	
GATES	240	129	53.8	60.0			192		
GRAHAM	199	132	66.3	69.4	1	0.8	183		
GRANVILLE	1,248	716	57.4	64.7	1	0.1	805	1	
GREENE	533	217	40.7	57.6	2	0.9	308		
GUILFORD	11,861	6,688	56.4	64.2	63	0.9	8,383	16	1
HALIFAX	1,415	1,080	76.3	64.2	31	2.9	1,219	10	2
HARNETT	2,937	1,194	40.7	70.6	14	1.2	1,823	1	
HAYWOOD	1,116	582	52.2	65.4	3	0.5	649	1	
HENDERSON	2,307	809	35.1	51.8	4	0.5	1,377	1	
HERTFORD	636	417	65.6	74.9	1	0.2	488	1	
HOKE	1,472	467	31.7	55.2	2	0.4	559		2
HYDE	116	55	47.4	64.5			63		
IREDELL	3,734	1,171	31.4	46.4	7	0.6	1,387	2	
JACKSON	750	321	42.8	62.5	1	0.3	443		
JOHNSTON	4,625	1,541	33.3	42.0	9	0.6	2,028	3	1

\*Target Population is based on the number of live births in 2004 and 2005

\*\*Includes ages 9-11 months

Prepared by CEHB

Last updated 07/24/2007

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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
JONES	191	159	83.2	59.3			171		
LEE	1,673	1,251	74.8	65.8	16	1.3	1,650	5	2
LENOIR	1,615	1,056	65.4	77.1	14	1.3	1,747	8	1
LINCOLN	1,724	440	25.5	24.7	5	1.1	615	2	
MACON	684	427	62.4	71.0	3	0.7	591	3	
MADISON	420	208	49.5	54.9	4	1.9	282	2	
MARTIN	598	443	74.1	72.5	7	1.6	566	3	
MCDOWELL	1,004	503	50.1	59.7	4	0.8	643	1	
MECKLENBURG	26,479	7,520	28.4	49.1	30	0.4	9,564	10	
MITCHELL	316	137	43.4	56.6	1	0.7	178	2	
MONTGOMERY	756	444	58.7	67.5	7	1.6	608	5	1
MOORE	1,949	1,022	52.4	58.3	4	0.4	1,219	2	
NASH	2,429	1,612	66.4	68.4	39	2.4	1,934	5	2
NEW HANOVER	4,554	3,121	68.5	63.8	17	0.5	3,869	6	1
NORTHAMPTON	471	329	69.9	65.9	11	3.3	434	1	
ONSLOW	6,559	1,671	25.5	37.8	9	0.5	1,821		
ORANGE	2,708	550	20.3	36.0	3	0.5	770	1	
PAMLICO	234	165	70.5	72.1	2	1.2	278		
PASQUOTANK	1,074	656	61.1	73.3	16	2.4	857	4	
PENDER	989	551	55.7	48.8	3	0.5	721		
PERQUIMANS	255	167	65.5	75.9	3	1.8	233	2	1
PERSON	899	395	43.9	55.9	4	1.0	622	2	
PITT	4,127	1,313	31.8	52.2	7	0.5	2,036	2	1
POLK	338	73	21.6	42.8	2	2.7	147		
RANDOLPH	3,511	1,694	48.2	58.1	11	0.6	2,025	8	
RICHMOND	1,249	752	60.2	72.8	11	1.5	859	4	
ROBESON	4,125	2,491	60.4	67.4	26	1.0	3,056	4	2
ROCKINGHAM	2,119	810	38.2	52.2	8	1.0	1,213	5	
ROWAN	3,241	897	27.7	34.4	9	1.0	1,167	5	
RUTHERFORD	1,515	495	32.7	58.7	2	0.4	764	3	
SAMPSON	1,794	1,106	61.6	66.3	17	1.5	1,361	5	1
SCOTLAND	972	596	61.3	64.8	4	0.7	625	1	
STANLY	1,456	1,133	77.8	75.6	2	0.2	1,246	1	
STOKES	956	403	42.2	52.9	3	0.7	488	1	
SURRY	1,739	1,058	60.8	64.3	12	1.1	1,301	1	
SWAIN	380	302	79.5	59.7			347	1	
TRANSYLVANIA	550	275	50.0	47.7	1	0.4	384		
TYRRELL	94	62	66.0	65.2			74		
UNION	5,105	1,275	25.0	53.7	8	0.6	2,234	2	1
VANCE	1,320	939	71.1	68.7	7	0.7	1,082	2	
WAKE	24,015	8,415	35.0	58.0	43	0.5	11,526	8	3
WARREN	395	250	63.3	68.8	2	0.8	283	1	2
WASHINGTON	356	259	72.8	70.9	2	0.8	303		
WATAUGA	721	377	52.3	69.5	2	0.5	437	1	
WAYNE	3,575	2,654	74.2	82.9	19	0.7	3,157	2	2
WILKES	1,548	463	29.9	40.2	5	1.1	586		
WILSON	2,131	1,290	60.5	70.0	10	0.8	1,464	5	1
YADKIN	933	414	44.4	51.6	2	0.5	517	1	
YANCEY	371	179	48.2	46.1	4	2.2	220	1	
STATE	242,813	103,899	42.8	56.8	867	0.8	135,595	255	38

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