

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.

2010 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	3,899	1,963	50.3	73.6	10	0.5	2,575	3	2
ALEXANDER	804	438	54.5	77.1	2	0.5	562		
ALLEGHANY	208	151	72.6	86.8	1	0.7	174		
ANSON	585	347	59.3	88.6	3	0.9	575	1	
ASHE	528	319	60.4	80.4	1	0.3	419		
AVERY	318	243	76.4	91.6		0.0	263		
BEAUFORT	1,146	812	70.9	88.5	6	0.7	930	4	
BERTIE	486	346	71.2	85.4	1	0.3	438	1	1
BLADEN	790	546	69.1	84.3	2	0.4	691		
BRUNSWICK	2,282	1,230	53.9	74.7	7	0.6	1,590	1	1
BUNCOMBE	5,413	3,258	60.2	82.8	6	0.2	3,679	1	1
BURKE	2,048	1,492	72.9	90.6	7	0.5	1,753	3	
CABARRUS	5,261	3,183	60.5	86.5	14	0.4	3,714	3	
CALDWELL	1,710	1,277	74.7	89.8	6	0.5	1,457	1	
CAMDEN	194	107	55.2	93.1		0.0	137		
CARTERET	1,190	875	73.5	92.2	8	0.9	961	1	
CASWELL	434	246	56.7	83.3	1	0.4	324		
CATAWBA	3,920	2,526	64.4	85.0	6	0.2	2,933	2	
CHATHAM	1,433	604	42.1	78.3		0.0	680		
CHEROKEE	517	309	59.8	84.6		0.0	457	1	
CHOWAN	364	214	58.8	83.4	1	0.5	253		
CLAY	182	125	68.7	91.9	1	0.8	174		
CLEVELAND	2,440	1,609	65.9	89.8	5	0.3	2,171		
COLUMBUS	1,420	1,047	73.7	89.7	3	0.3	1,346	2	
CRAVEN	3,410	2,275	66.7	92.4	10	0.4	2,661	2	
CUMBERLAND	11,898	3,732	31.4	76.1	18	0.5	4,627	3	
CURRITUCK	448	188	42.0	71.6	1	0.5	270		
DARE	802	344	42.9	70.9	6	1.7	403		
DAVIDSON	3,884	2,641	68.0	87.3	8	0.3	3,060	1	
DAVIE	920	564	61.3	84.1	3	0.5	637	1	
DUPLIN	1,629	1,093	67.1	86.9	1	0.1	1,295	1	
DURHAM	9,047	4,071	45.0	83.0	14	0.3	5,491	5	
EDGECOMBE	1,490	1,054	70.7	85.8	11	1.0	1,209	3	1
FORSYTH	9,930	6,146	61.9	88.5	37	0.6	6,687	9	1
FRANKLIN	1,427	732	51.3	82.4	4	0.5	846	1	
GASTON	5,450	1,872	34.3	58.6	9	0.5	2,687	1	2
GATES	220	105	47.7	83.9	1	1.0	154		
GRAHAM	182	115	63.2	90.6		0.0	150		
GRANVILLE	1,257	574	45.7	72.7	2	0.3	639	2	
GREENE	484	276	57.0	73.6	3	1.1	392		
GUILFORD	12,531	9,009	71.9	91.2	31	0.3	11,215	10	4
HALIFAX	1,321	1,209	91.5	95.5	9	0.7	1,276	2	3
HARNETT	3,372	1,687	50.0	90.6	15	0.9	2,228	6	1
HAYWOOD	1,174	784	66.8	88.4	3	0.4	864	1	
HENDERSON	2,420	1,353	55.9	85.5	3	0.2	1,860	2	1
HERTFORD	634	427	67.4	89.8	1	0.2	518		
HOKE	1,807	691	38.2	83.2	1	0.1	808		
HYDE	95	56	58.9	91.9	1	1.8	71		
IREDELL	3,886	1,666	42.9	82.4	5	0.3	1,999	2	
JACKSON	830	426	51.3	89.6	1	0.2	534	1	
JOHNSTON	4,956	2,249	45.4	77.4	10	0.4	2,954	4	

*Target Population is based on the number of live births in 2008 and 2009

**Includes ages 9-11 months

Prepared by CEHB

Last updated 10/21/2011

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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	181	162	89.5	81.6		0.0	185		
LEE	1,834	1,207	65.8	85.6	7	0.6	1,516	2	1
LENOIR	1,497	951	63.5	92.0	8	0.8	1,512	4	1
LINCOLN	1,809	575	31.8	43.4	3	0.5	847		
MACON	737	462	62.7	89.6	2	0.4	626		
MADISON	380	274	72.1	91.9		0.0	352		
MARTIN	615	406	66.0	88.5		0.0	524		
MCDOWELL	1,022	580	56.8	76.3		0.0	692	1	
MECKLENBURG	29,355	9,618	32.8	67.0	24	0.2	12,176	8	
MITCHELL	328	203	61.9	78.8	1	0.5	223		
MONTGOMERY	705	564	80.0	95.6		0.0	703		
MOORE	1,932	1,195	61.9	84.5	5	0.4	1,394	2	1
NASH	2,537	1,780	70.2	90.5	14	0.8	2,113	2	
NEW HANOVER	4,798	3,181	66.3	88.0	6	0.2	3,986	3	
NORTHAMPTON	453	326	72.0	92.5	1	0.3	399		
ONSLow	7,723	2,486	32.2	63.8	7	0.3	2,999		
ORANGE	2,678	1,128	42.1	72.6	2	0.2	1,321		
PAMLICO	223	155	69.5	82.6		0.0	208		
PASQUOTANK	1,102	699	63.4	87.5	6	0.9	835	3	
PENDER	1,151	782	67.9	78.6	3	0.4	940		
PERQUIMANS	266	173	65.0	90.3		0.0	213		
PERSON	951	499	52.5	80.5	6	1.2	701	2	
PITT	4,648	1,778	38.3	84.2	6	0.3	2,488	3	
POLK	316	145	45.9	79.9		0.0	283		
RANDOLPH	3,538	2,099	59.3	83.8	9	0.4	2,586	2	
RICHMOND	1,296	735	56.7	79.0	4	0.5	848	1	
ROBESON	4,352	2,973	68.3	87.6	11	0.4	3,500	3	
ROCKINGHAM	2,098	1,179	56.2	76.2	3	0.3	1,503	2	1
ROWAN	3,526	1,692	48.0	79.6	7	0.4	2,057	2	1
RUTHERFORD	1,446	668	46.2	81.7		0.0	1,063		
SAMPSON	1,806	1,307	72.4	89.0	9	0.7	1,487	5	
SCOTLAND	1,011	735	72.7	82.6	3	0.4	804	1	
STANLY	1,429	1,178	82.4	93.1	6	0.5	1,266	4	
STOKES	873	566	64.8	85.1	2	0.4	656		
SURRY	1,774	1,176	66.3	82.4	6	0.5	1,355		
SWAIN	355	307	86.5	81.6	1	0.3	321		
TRANSYLVANIA	611	363	59.4	74.0	1	0.3	515		
TYRRELL	98	73	74.5	89.9		0.0	79		
UNION	5,308	1,662	31.3	72.7	4	0.2	2,481	2	
VANCE	1,249	521	41.7	64.4	4	0.8	635	1	1
WAKE	26,552	10,441	39.3	78.9	27	0.3	12,254	6	
WARREN	389	218	56.0	83.5	2	0.9	266	1	
WASHINGTON	327	268	82.0	92.8		0.0	313		
WATAUGA	756	511	67.6	95.9	1	0.2	635		
WAYNE	3,434	2,513	73.2	90.7	4	0.2	3,031	1	
WILKES	1,487	645	43.4	81.1	5	0.8	746	2	
WILSON	2,259	1,478	65.4	92.6	6	0.4	1,735	1	
YADKIN	896	541	60.4	88.1	4	0.7	638	1	
YANCEY	356	230	64.6	83.1		0.0	259		
STATE	257,543	132,014	51.3	81.1	519	0.4	162,060	146	24

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