

## **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  $\geq 10$  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.

"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**

## 2008 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	3,935	1,485	37.7	65.2	8	0.5	1,814	2	1
ALEXANDER	864	425	49.2	83.1	2	0.5	592	1	
ALLEGHANY	215	133	61.9	92.3	1	0.8	204	1	
ANSON	631	409	64.8	84.9	4	1.0	486		
ASHE	583	298	51.1	79.7			525		
AVERY	385	258	67.0	90.3	1	0.4	295		
BEAUFORT	1,198	822	68.6	88.0	5	0.6	927	1	1
BERTIE	482	325	67.4	91.0	4	1.2	422	1	
BLADEN	903	392	43.4	69.9	2	0.5	548	1	
BRUNSWICK	2,236	1,257	56.2	67.1	4	0.3	1,562	1	
BUNCOMBE	5,619	3,181	56.6	76.9	11	0.3	3,846	6	
BURKE	2,032	1,082	53.2	86.3	3	0.3	1,337	2	
CABARRUS	5,124	3,138	61.2	85.6	15	0.5	3,835	3	1
CALDWELL	1,871	1,138	60.8	89.9	5	0.4	1,338	4	
CAMDEN	218	73	33.5	91.4			114		
CARTERET	1,301	835	64.2	94.0	3	0.4	1,105	1	
CASWELL	416	178	42.8	82.3	1	0.6	235	2	
CATAWBA	4,154	2,443	58.8	86.3	11	0.5	2,903	1	2
CHATHAM	1,483	594	40.1	74.4	8	1.3	678	3	
CHEROKEE	524	294	56.1	72.5			494		
CHOWAN	392	240	61.2	90.2			319		
CLAY	156	133	85.3	87.7			214		
CLEVELAND	2,366	1,324	56.0	88.1	6	0.5	1,879	4	1
COLUMBUS	1,520	890	58.6	86.9	8	0.9	1,348	2	1
CRAVEN	3,239	1,906	58.8	92.8	9	0.5	2,345	3	
CUMBERLAND	11,239	2,622	23.3	63.3	11	0.4	3,392	4	
CURRITUCK	511	180	35.2	76.4	2	1.1	254		
DARE	874	204	23.3	59.6	2	1.0	274		
DAVIDSON	3,836	2,154	56.2	81.6	15	0.7	2,500	6	1
DAVIE	901	403	44.7	85.2	4	1.0	459	2	
DUPLIN	1,679	1,095	65.2	87.7	6	0.5	1,342	1	
DURHAM	8,569	3,536	41.3	77.6	15	0.4	5,355	3	2
EDGECOMBE	1,535	981	63.9	83.2	12	1.2	1,124	1	
FORSYTH	10,130	5,265	52.0	84.8	28	0.5	5,836	6	3
FRANKLIN	1,444	779	53.9	85.4	2	0.3	923		1
GASTON	5,644	1,428	25.3	50.1	6	0.4	2,142	1	
GATES	256	117	45.7	72.1	5	4.3	170	1	
GRAHAM	204	155	76.0	91.8	1	0.6	212		
GRANVILLE	1,286	622	48.4	78.4	7	1.1	687	2	
GREENE	504	210	41.7	75.6	1	0.5	280		
GUILFORD	12,415	8,090	65.2	87.4	44	0.5	9,550	12	3
HALIFAX	1,427	1,217	85.3	91.0	16	1.3	1,363	5	
HARNETT	3,190	1,428	44.8	90.1	7	0.5	2,097		1
HAYWOOD	1,160	709	61.1	88.1	3	0.4	810	1	
HENDERSON	2,474	1,148	46.4	76.3	8	0.7	1,591	2	1
HERTFORD	598	394	65.9	91.6	3	0.8	445		
HOKE	1,671	539	32.3	77.9	1	0.2	588		2
HYDE	125	78	62.4	87.1	1	1.3	95	1	
IREDELL	3,999	1,291	32.3	73.4	3	0.2	1,642	1	
JACKSON	833	456	54.7	91.1	4	0.9	610		
JOHNSTON	4,812	1,979	41.1	68.5	10	0.5	2,599	3	

\*Target Population is based on the number of live births in 2006 and 2007

\*\*Includes ages 9-35 months

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Updated 09/24/2009.

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JONES	202	182	90.1	83.8	1	0.5	216		
LEE	1,878	1,294	68.9	85.9	7	0.5	1,669	1	
LENOIR	1,579	1,027	65.0	91.6	13	1.3	1,670	8	3
LINCOLN	1,779	549	30.9	37.7	2	0.4	798	2	
MACON	781	431	55.2	85.2	2	0.5	624	1	
MADISON	387	288	74.4	89.8			439		
MARTIN	587	414	70.5	88.4	4	1.0	478	1	
MCDOWELL	1,074	547	50.9	75.8	1	0.2	716		
MECKLENBURG	29,111	9,002	30.9	62.4	18	0.2	11,470	3	1
MITCHELL	330	146	44.2	75.3	2	1.4	162		
MONTGOMERY	819	584	71.3	92.3	2	0.3	691	1	
MOORE	1,979	1,381	69.8	87.9	12	0.9	1,570	6	
NASH	2,492	1,806	72.5	89.4	26	1.4	2,136	6	2
NEW HANOVER	4,934	3,450	69.9	85.6	13	0.4	4,474	3	
NORTHAMPTON	510	388	76.1	90.8	5	1.3	481		
ONSLOW	7,228	2,397	33.2	62.5	5	0.2	3,096		
ORANGE	2,634	776	29.5	67.5	5	0.6	1,001	2	
PAMLICO	218	162	74.3	96.1	1	0.6	271		
PASQUOTANK	1,136	590	51.9	86.9	7	1.2	836	2	1
PENDER	1,168	789	67.6	77.0	7	0.9	975	2	
PERQUIMANS	263	172	65.4	89.4	1	0.6	225		
PERSON	950	476	50.1	80.5	4	0.8	625		
PITT	4,532	1,509	33.3	82.9	9	0.6	2,290	6	
POLK	293	93	31.7	64.2			166		
RANDOLPH	3,657	1,822	49.8	77.4	12	0.7	2,200	6	1
RICHMOND	1,360	846	62.2	81.4	6	0.7	940		
ROBESON	4,435	2,718	61.3	84.2	16	0.6	3,228	1	
ROCKINGHAM	2,180	931	42.7	73.7	5	0.5	1,305	2	
ROWAN	3,590	1,072	29.9	66.2	5	0.5	1,331	2	
RUTHERFORD	1,535	580	37.8	79.6	3	0.5	929	1	
SAMPSON	1,891	1,158	61.2	85.5	10	0.9	1,338	1	1
SCOTLAND	1,101	776	70.5	84.7	3	0.4	798	1	
STANLY	1,475	1,155	78.3	91.5	3	0.3	1,225	2	
STOKES	932	497	53.3	77.2			624	1	
SURRY	1,839	1,060	57.6	78.1	10	0.9	1,254	4	
SWAIN	381	379	99.5	86.0	1	0.3	440	1	
TRANSYLVANIA	609	240	39.4	61.4			315		
TYRRELL	110	101	91.8	97.9			126		
UNION	5,403	1,586	29.4	72.7	5	0.3	2,583	2	1
VANCE	1,458	714	49.0	65.4	7	1.0	830	1	
WAKE	26,148	10,119	38.7	77.4	40	0.4	12,376	9	2
WARREN	473	218	46.1	72.5	6	2.8	271	1	
WASHINGTON	376	291	77.4	91.5	8	2.7	328	1	
WATAUGA	787	465	59.1	96.4	1	0.2	586	1	
WAYNE	3,574	2,776	77.7	90.6	19	0.7	3,269	4	1
WILKES	1,633	577	35.3	77.1	5	0.9	696	1	
WILSON	2,226	1,406	63.2	88.5	11	0.8	1,576	3	1
YADKIN	965	495	51.3	78.4	3	0.6	587	1	1
YANCEY	367	255	69.5	82.1			283		
<b>STATE</b>	<b>258,532</b>	<b>121,023</b>	<b>46.8</b>	<b>77.6</b>	<b>654</b>	<b>0.5</b>	<b>152,222</b>	<b>181</b>	<b>36</b>

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