

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

2007 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	Lead ≥ 10	Percent ≥ 10	Number Tested	Confirmed 10-19	Confirmed ≥ 20
ALAMANCE	3,738	1,542	41.3	17	1.1	1,954	5	3
ALEXANDER	846	486	57.4	3	0.6	699		
ALLEGHANY	212	125	59.0			175		
ANSON	630	401	63.7	1	0.2	477	1	
ASHE	561	263	46.9			426		
AVERY	352	239	67.9	4	1.7	260		
BEAUFORT	1,161	864	74.4	6	0.7	952		
BERTIE	479	337	70.4	3	0.9	453		
BLADEN	917	422	46.0	2	0.5	620	2	
BRUNSWICK	2,044	1,202	58.8	4	0.3	1,527	2	
BUNCOMBE	5,376	2,716	50.5	20	0.7	3,415	4	
BURKE	2,010	1,007	50.1	1	0.1	1,342		
CABARRUS	4,903	2,959	60.4	12	0.4	3,965	4	
CALDWELL	1,866	1,145	61.4	2	0.2	1,572	1	1
CAMDEN	206	91	44.2			140		
CARTERET	1,337	785	58.7	11	1.4	1,038	3	
CASWELL	466	174	37.3			248	1	
CATAWBA	4,063	2,077	51.1	8	0.4	2,594	5	1
CHATHAM	1,495	600	40.1	7	1.2	712	4	
CHEROKEE	574	97	16.9	1	1.0	183		
CHOWAN	358	239	66.8	3	1.3	305		
CLAY	178	102	57.3			163		
CLEVELAND	2,310	1,143	49.5	3	0.3	1,578	1	
COLUMBUS	1,467	862	58.8	7	0.8	1,383	4	1
CRAVEN	3,157	1,962	62.1	4	0.2	2,454	2	1
CUMBERLAND	11,115	2,366	21.3	12	0.5	3,114	2	
CURRITUCK	498	183	36.7	1	0.5	257		
DARE	928	306	33.0	5	1.6	390		
DAVIDSON	3,842	2,118	55.1	10	0.5	2,588	3	1
DAVIE	933	389	41.7	2	0.5	457		
DUPLIN	1,668	891	53.4	9	1.0	1,136	3	1
DURHAM	8,253	3,264	39.5	33	1.0	4,932	11	
EDGECOMBE	1,418	923	65.1	11	1.2	1,097	7	
FORSYTH	9,722	4,936	50.8	22	0.4	5,487	12	
FRANKLIN	1,447	727	50.2	9	1.2	890	2	
GASTON	5,355	1,500	28.0	10	0.7	2,136	4	1
GATES	262	126	48.1	2	1.6	184		
GRAHAM	213	132	62.0	2	1.5	168		
GRANVILLE	1,289	718	55.7	7	1.0	802	1	
GREENE	512	168	32.8	1	0.6	255	2	
GUILFORD	12,119	7,256	59.9	55	0.8	8,845	18	5
HALIFAX	1,390	1,151	82.8	11	1.0	1,277	5	1
HARNETT	3,056	1,400	45.8	8	0.6	2,050	1	1
HAYWOOD	1,148	595	51.8			693		
HENDERSON	2,415	994	41.2	3	0.3	1,474	2	1
HERTFORD	630	412	65.4	1	0.2	474	1	
HOKE	1,640	536	32.7	3	0.6	636		
HYDE	133	74	55.6	3	4.1	84	1	
IREDELL	3,995	1,149	28.8	7	0.6	1,439	1	1
JACKSON	816	386	47.3	1	0.3	521		1
JOHNSTON	4,655	1,672	35.9	6	0.4	2,185	3	

*Target Population is based on the number of live births in 2005 and 2006.

Prepared by CEHB
Last updated 07/11/2008

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	Target Population*	Number Tested	Percent Tested	Lead ≥ 10	Percent ≥ 10	Number Tested	Confirmed 10-19	Confirmed ≥ 20
JONES	205	160	78.0			189		
LEE	1,832	1,232	67.2	8	0.6	1,636	3	1
LENOIR	1,625	1,055	64.9	22	2.1	1,673	6	1
LINCOLN	1,760	493	28.0	6	1.2	672	2	
MACON	722	468	64.8	1	0.2	692	2	
MADISON	386	286	74.1	2	0.7	423	1	
MARTIN	604	446	73.8	1	0.2	552		
MCDOWELL	1,075	519	48.3	4	0.8	674	1	
MECKLENBURG	27,871	8,168	29.3	28	0.3	10,702	5	1
MITCHELL	320	163	50.9	2	1.2	180		
MONTGOMERY	798	554	69.4	5	0.9	650	3	1
MOORE	1,950	1,227	62.9	7	0.6	1,436	3	
NASH	2,421	1,594	65.8	15	0.9	1,927	8	
NEW HANOVER	4,812	3,322	69.0	15	0.5	4,192	2	1
NORTHAMPTON	511	363	71.0	5	1.4	466	4	
ONSLow	6,720	1,857	27.6	9	0.5	2,085		
ORANGE	2,657	654	24.6	9	1.4	895	5	
PAMLICO	229	147	64.2	1	0.7	237		
PASQUOTANK	1,118	605	54.1	12	2.0	834	7	1
PENDER	1,059	651	61.5	5	0.8	858	1	
PERQUIMANS	264	179	67.8	3	1.7	242	3	
PERSON	923	369	40.0	2	0.5	524	1	
PITT	4,222	1,402	33.2	13	0.9	2,233	6	1
POLK	322	65	20.2			140	1	
RANDOLPH	3,499	1,626	46.5	11	0.7	1,989	1	
RICHMOND	1,292	808	62.5	11	1.4	875	1	1
ROBESON	4,264	2,653	62.2	22	0.8	3,255	6	1
ROCKINGHAM	2,133	897	42.1	6	0.7	1,258	5	
ROWAN	3,415	976	28.6	5	0.5	1,265	3	
RUTHERFORD	1,484	518	34.9	3	0.6	801	1	
SAMPSON	1,872	1,148	61.3	11	1.0	1,358	1	
SCOTLAND	1,030	661	64.2	1	0.2	694	1	
STANLY	1,410	1,141	80.9	3	0.3	1,239		
STOKES	944	359	38.0	1	0.3	425	2	
SURRY	1,785	1,055	59.1	10	0.9	1,273	1	1
SWAIN	371	329	88.7	1	0.3	397		
TRANSYLVANIA	609	301	49.4			372		
TYRRELL	102	87	85.3	1	1.1	97		
UNION	5,203	1,372	26.4	6	0.4	2,245	1	2
VANCE	1,404	878	62.5	11	1.3	1,020	1	2
WAKE	25,113	9,397	37.4	34	0.4	11,911	12	3
WARREN	447	233	52.1	2	0.9	270	2	1
WASHINGTON	357	274	76.8	5	1.8	312	1	
WATAUGA	757	398	52.6	3	0.8	497	3	
WAYNE	3,587	2,763	77.0	15	0.5	3,261	4	
WILKES	1,593	524	32.9	2	0.4	615		
WILSON	2,129	1,277	60.0	7	0.5	1,437	2	
YADKIN	961	461	48.0	7	1.5	529	2	
YANCEY	361	229	63.4			259		
STATE	250,686	112,556	44.9	706	0.6	143,972	232	38

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