

North Carolina Childhood Lead Screening Data

"Target Population" is based on the number of live births in preceding years. "Number Screened" is unduplicated for repeat tests within the same calendar year. "Percent Screened" is the number of children tested divided by the target population. "Percent Screened Among Medicaid**" is based on a data match of tests with Medicaid encounter data and includes ages 9-11 months. Children are counted as being screened 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 Lead Screening Data may vary somewhat from previous reports due to ongoing data corrections.

2003 NORTH CAROLINA CHILDHOOD LEAD SCREENING DATA BY COUNTY

County	Ages 1 and 2 Years						Ages 6 Months to 6 Years			
	Target Population*	Number Screened	Percent Screened	Percent		Lead ≥ 10	Percent ≥ 10	Number Screened	Confirmed	
				Screened Among Medicaid**					10-19	≥ 20
ALAMANCE	3,713	940	25.3	38.5	15	1.6	1,406	6	1	
ALEXANDER	815	290	35.6	51.6	3	1.0	398	1		
ALLEGHANY	204	84	41.2	49.6	4	4.8	122			
ANSON	644	381	59.2	67.8	8	2.1	557	1		
ASHE	494	183	37.0	53.9	3	1.6	316	2		
AVERY	341	221	64.8	66.7	5	2.3	277	5		
BEAUFORT	1,280	841	65.7	70.3	20	2.4	928	1		
BERTIE	536	371	69.2	80.3	18	4.9	543	9		
BLADEN	920	322	35.0	51.9	6	1.9	415	1		
BRUNSWICK	1,718	810	47.1	52.1	10	1.2	1,372	1		
BUNCOMBE	5,054	1,187	23.5	38.0	10	0.8	1,619	1		
BURKE	2,106	682	32.4	52.1	8	1.2	1,222	1		
CABARRUS	4,387	2,497	56.9	67.6	28	1.1	3,555	8		
CALDWELL	1,905	488	25.6	53.8	6	1.2	1,273	2		
CAMDEN	145	63	43.4	70.2	1	1.6	99			
CARTERET	1,153	722	62.6	71.1	8	1.1	1,037	3		
CASWELL	512	151	29.5	45.4	6	4.0	215	2		
CATAWBA	4,130	1,668	40.4	60.4	19	1.1	2,088	6	1	
CHATHAM	1,344	613	45.6	60.7	20	3.3	866	4		
CHEROKEE	537	56	10.4	9.9	0	0.0	111			
CHOWAN	388	160	41.2	63.2	3	1.9	245	2		
CLAY	160	93	58.1	67.4	5	5.4	147	2		
CLEVELAND	2,498	1,172	46.9	67.0	20	1.7	1,611	8		
COLUMBUS	1,575	789	50.1	70.6	27	3.4	1,409	8		
CRAVEN	3,094	1,592	51.5	77.3	18	1.1	2,042	5		
CUMBERLAND	10,748	2,345	21.8	42.5	41	1.7	3,591	8		
CURRITUCK	422	148	35.1	61.9	2	1.4	241	1		
DARE	708	209	29.5	46.2	3	1.4	238			
DAVIDSON	3,830	1,798	46.9	56.9	36	2.0	2,271	6	1	
DAVIE	883	327	37.0	62.6	5	1.5	454	3		
DUPLIN	1,589	884	55.6	66.2	25	2.8	1,224	3		
DURHAM	7,733	2,611	33.8	49.9	49	1.9	4,473	11	2	
EDGEcombe	1,555	1,091	70.2	77.6	42	3.8	1,492	11	1	
FORSYTH	9,164	3,210	35.0	50.5	66	2.1	3,752	18	6	
FRANKLIN	1,312	560	42.7	62.1	17	3.0	735	4		
GASTON	5,149	1,262	24.5	37.0	15	1.2	1,726	3		
GATES	229	83	36.2	53.1	1	1.2	103	1		
GRAHAM	186	107	57.5	61.1	0	0.0	147			
GRANVILLE	1,185	692	58.4	65.7	24	3.5	843	3		
GREENE	476	241	50.6	64.4	8	3.3	359	5		
GUILFORD	11,749	4,495	38.3	61.7	84	1.9	5,726	17	1	
HALIFAX	1,518	1,174	77.3	68.8	45	3.8	1,374	9	1	
HARNETT	2,927	1,243	42.5	70.2	39	3.1	1,944	14	1	
HAYWOOD	1,115	543	48.7	61.3	6	1.1	693	1		
HENDERSON	2,187	637	29.1	44.9	21	3.3	812	4		
HERTFORD	553	347	62.7	71.7	8	2.3	403	2	1	
HOKE	1,340	409	30.5	60.1	4	1.0	558	1		
HYDE	117	49	41.9	60.0	4	8.2	51		1	
IREDELL	3,684	1,080	29.3	48.3	9	0.8	1,298	2		
JACKSON	726	298	41.0	68.2	6	2.0	452	1		
JOHNSTON	4,141	1,109	26.8	40.5	15	1.4	1,535	2	1	

*Target Population is based on the number of live births in 2001 and 2002

**Includes ages 9-11 months

Prepared by CEHB
Last updated 06/21/2004

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				Screened Among Medicaid**					10-19	≥ 20
JONES	191	145	75.9	66.4	5	3.4	176	2		
LEE	1,605	755	47.0	42.0	20	2.6	1,171	5		
LENOIR	1,631	958	58.7	72.0	30	3.1	1,461	18	3	
LINCOLN	1,719	332	19.3	17.6	2	0.6	480	1		
MACON	614	342	55.7	66.4	9	2.6	496	3		
MADISON	426	183	43.0	57.1	5	2.7	284	2		
MARTIN	619	380	61.4	62.7	7	1.8	563	7		
MCDOWELL	1,035	451	43.6	61.7	6	1.3	547	2		
MECKLENBURG	24,253	6,428	26.5	51.7	113	1.8	8,065	29	4	
MITCHELL	341	196	57.5	64.7	2	1.0	245	1		
MONTGOMERY	799	456	57.1	74.2	8	1.8	733	1		
MOORE	1,792	602	33.6	55.9	8	1.3	1,229	6		
NASH	2,450	1,491	60.9	67.9	64	4.3	1,995	19		
NEW HANOVER	4,076	2,644	64.9	66.4	41	1.6	3,878	16	2	
NORTHAMPTON	469	308	65.7	66.6	10	3.2	401	1		
ONslow	6,239	1,155	18.5	35.0	24	2.1	1,696	3	1	
ORANGE	2,654	459	17.3	32.7	6	1.3	607	3		
PAMLICO	198	128	64.6	73.8	5	3.9	205	4		
PASQUOTANK	927	497	53.6	65.2	14	2.8	699	6		
PENDER	985	584	59.3	59.5	7	1.2	839	1	1	
PERQUIMANS	232	123	53.0	72.3	5	4.1	203	2	1	
PERSON	958	344	35.9	43.3	7	2.0	570	2		
PITT	3,977	1,679	42.2	68.1	52	3.1	2,522	21	1	
POLK	341	58	17.0	47.6	1	1.7	120			
RANDOLPH	3,622	1,382	38.2	56.7	17	1.2	1,768	4		
RICHMOND	1,251	593	47.4	68.7	12	2.0	839	3		
ROBESON	4,146	2,138	51.6	58.7	40	1.9	2,874	9	1	
ROCKINGHAM	2,295	741	32.3	34.2	20	2.7	1,084	3	1	
ROWAN	3,360	754	22.4	32.5	8	1.1	1,186			
RUTHERFORD	1,579	508	32.2	67.9	5	1.0	855	2		
SAMPSON	1,827	1,048	57.4	62.9	16	1.5	1,400	5		
SCOTLAND	943	557	59.1	62.1	11	2.0	605	3		
STANLY	1,507	1,147	76.1	75.7	20	1.7	1,289	7		
STOKES	983	401	40.8	59.2	8	2.0	532	2		
SURRY	1,875	965	51.5	62.4	30	3.1	1,156	5		
SWAIN	345	242	70.1	60.4	4	1.7	320			
TRANSYLVANIA	534	110	20.6	36.6	1	0.9	139			
TYRRELL	86	74	86.0	67.9	2	2.7	95	1		
UNION	4,620	1,001	21.7	52.0	14	1.4	1,681	5	1	
VANCE	1,430	914	63.9	65.7	23	2.5	1,118	3		
WAKE	21,589	5,765	26.7	51.1	85	1.5	8,162	23	2	
WARREN	392	213	54.3	64.9	4	1.9	268	1		
WASHINGTON	325	211	64.9	70.3	5	2.4	257	2		
WATAUGA	677	356	52.6	58.2	7	2.0	454	1		
WAYNE	3,398	2,587	76.1	88.7	43	1.7	3,198	8		
WILKES	1,741	551	31.6	46.6	7	1.3	682	1		
WILSON	2,186	1,147	52.5	64.9	27	2.4	1,512	12	2	
YADKIN	938	344	36.7	51.9	8	2.3	425	2		
YANCEY	360	218	60.6	62.1	2	0.9	245	1		
STATE	235,419	87,993	37.4	55.9	1,716	2.0	121,697	467	38	

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