

**Table 4B**  
**2011 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Comparison of Racial and Ethnic Distribution by County**  
**Children Aged < 5 Years** <sup>(2)</sup>

<b>Comparison of Racial and Ethnic Distribution</b>								
<b>County</b>	<b>Number Included in Analysis (3)</b>	<b>White, Not Hispanic %</b>	<b>Black, Not Hispanic %</b>	<b>Hispanic %</b>	<b>American Indian/Alaska Native %</b>	<b>Asian/Pacific Islander %</b>	<b>Multiple Races %</b>	<b>All Other / Unknown %</b>
Alamance	4,153	37.2	26.0	36.1	0.2	0.6	0.0	0.0
Alexander	960	73.2	6.0	19.2	0.0	1.6	0.0	0.0
Alleghany	343	60.9	2.9	35.3	0.0	0.6	0.0	0.3
Anson	882	26.1	67.1	5.2	0.8	0.8	0.0	0.0
Ashe	594	81.0	1.3	16.5	0.0	0.0	0.0	1.2
Avery	379	82.3	0.5	17.2	0.0	0.0	0.0	0.0
Beaufort	1,708	28.3	42.0	29.4	0.2	0.1	0.0	0.1
Bertie	634	12.0	85.3	2.5	0.0	0.2	0.0	0.0
Bladen	1,083	30.2	43.3	25.5	0.9	0.1	0.0	0.0
Brunswick	2,376	60.8	18.6	19.4	0.4	0.8	0.0	0.0
Buncombe	4,372	64.9	13.9	19.4	0.2	1.2	0.0	0.3
Burke	2,309	61.9	7.4	23.0	0.3	6.9	0.0	0.5
Cabarrus	4,693	37.7	22.3	37.4	0.1	1.3	0.0	1.2
Caldwell	2,009	72.7	8.4	17.4	0.0	1.2	0.0	0.3
Camden	244	74.2	24.2	0.4	0.0	1.2	0.0	0.0
Carteret	1,362	62.4	17.4	18.7	0.7	0.7	0.0	0.1
Caswell	443	50.6	40.4	8.6	0.0	0.5	0.0	0.0
Catawba	3,534	47.5	15.6	29.0	0.2	7.7	0.0	0.0
Chatham	2,305	15.8	10.5	73.5	0.1	0.0	0.0	0.1

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Cherokee	761	82.5	5.5	9.9	1.3	0.8	0.0	0.0
Chowan	490	29.4	62.7	8.0	0.0	0.0	0.0	0.0
Clay	305	85.6	0.3	12.5	0.7	1.0	0.0	0.0
Cleveland	2,554	54.8	36.3	8.2	0.2	0.5	0.0	0.0
Columbus	2,103	39.5	44.1	13.7	2.4	0.2	0.0	0.0
Craven	3,598	48.2	32.2	13.9	0.3	5.1	0.0	0.2
Cumberland	15,051	38.8	42.0	14.3	1.9	2.6	0.0	0.4
Currituck	395	81.0	12.9	5.3	0.3	0.3	0.0	0.3
Dare	780	60.6	6.4	32.8	0.0	0.1	0.0	0.0
Davidson	4,117	60.3	13.5	23.8	0.2	1.1	0.0	1.1
Davie	879	58.5	11.8	29.5	0.0	0.2	0.0	0.0
Duplin	1,703	29.5	24.9	45.2	0.0	0.3	0.0	0.1
Durham	7,630	10.6	44.8	40.7	1.0	1.1	0.0	1.8
Edgecombe	966	15.4	79.5	5.1	0.0	0.0	0.0	0.0
Forsyth	10,992	20.7	32.5	45.2	0.0	0.7	0.0	0.9
Franklin	1,001	35.5	35.5	28.3	0.1	0.4	0.0	0.3
Gaston	4,937	52.6	29.1	17.5	0.0	0.7	0.0	0.0
Gates	280	48.6	46.8	3.6	0.4	0.0	0.0	0.7
Graham	347	79.5	3.5	8.4	7.8	0.9	0.0	0.0

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<b>County</b>	<b>Number Included in Analysis (3)</b>	<b>White, Not Hispanic %</b>	<b>Black, Not Hispanic %</b>	<b>Hispanic %</b>	<b>American Indian/Alaska Native %</b>	<b>Asian/Pacific Islander %</b>	<b>Multiple Races %</b>	<b>All Other / Unknown %</b>
Granville	1,291	35.6	41.0	23.1	0.0	0.2	0.0	0.2
Greene	902	20.7	35.8	42.5	0.2	0.2	0.0	0.6
Guilford	6,506	20.4	50.0	23.9	0.2	4.0	0.0	1.5
Halifax	1,816	16.2	69.7	6.9	6.1	1.0	0.0	0.1
Harnett	2,699	41.7	29.9	26.3	0.4	0.4	0.0	1.3
Haywood	1,308	84.6	1.8	12.3	0.6	0.2	0.0	0.5
Henderson	1,835	51.6	4.1	42.5	0.1	0.7	0.0	1.0
Hertford	785	14.9	80.0	4.6	0.1	0.4	0.0	0.0
Hoke	1,583	22.6	31.4	33.2	11.9	0.6	0.0	0.4
Hyde	173	37.0	39.3	23.7	0.0	0.0	0.0	0.0
Iredell	3,912	52.0	23.9	22.4	0.2	1.2	0.0	0.4
Jackson	805	77.8	2.0	17.0	2.1	0.7	0.0	0.4
Johnston	3,461	39.9	21.1	37.6	0.9	0.3	0.0	0.1
Jones	175	57.1	26.9	14.9	1.1	0.0	0.0	0.0
Lee	2,020	25.8	24.5	49.0	0.3	0.3	0.0	0.0
Lenoir	1,780	24.3	52.4	22.5	0.1	0.4	0.0	0.3
Lincoln	1,767	76.7	6.7	16.0	0.1	0.1	0.0	0.5
Macon	498	71.5	1.4	26.1	0.2	0.8	0.0	0.0
Madison	247	93.1	0.4	4.5	0.0	0.8	0.0	1.2

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**Children Aged < 5 Years** <sup>(2)</sup>

<b>Comparison of Racial and Ethnic Distribution</b>								
<b>County</b>	<b>Number Included in Analysis (3)</b>	<b>White, Not Hispanic %</b>	<b>Black, Not Hispanic %</b>	<b>Hispanic %</b>	<b>American Indian/Alaska Native %</b>	<b>Asian/Pacific Islander %</b>	<b>Multiple Races %</b>	<b>All Other / Unknown %</b>
Martin	746	30.0	61.5	8.3	0.0	0.1	0.0	0.0
Mcdowell	1,297	78.9	3.7	16.7	0.1	0.3	0.0	0.4
Mecklenbur	20,488	9.2	45.9	39.8	1.0	3.3	0.0	0.8
Mitchell	469	83.8	0.0	16.0	0.0	0.2	0.0	0.0
Montgomery	860	32.2	21.7	44.5	0.1	1.4	0.0	0.0
Moore	1,674	43.7	28.7	25.9	0.8	1.0	0.0	0.0
Nash	2,753	21.3	54.9	22.6	0.4	0.8	0.0	0.0
New Hanove	3,702	39.8	33.5	24.6	0.2	1.1	0.0	0.8
Northhampt	698	17.6	74.5	7.4	0.1	0.1	0.0	0.1
Onslow	7,692	65.4	15.8	16.1	0.4	1.7	0.0	0.5
Orange	2,542	20.3	22.5	51.6	0.0	5.5	0.0	0.1
Pamlico	301	57.1	30.2	12.3	0.0	0.3	0.0	0.0
Pasquotank	1,012	34.5	54.2	10.3	0.0	1.0	0.0	0.0
Pender	1,260	47.1	24.4	27.9	0.2	0.4	0.0	0.0
Perquimans	306	52.3	40.8	6.5	0.0	0.0	0.0	0.3
Person	1,064	45.3	42.8	11.3	0.3	0.4	0.0	0.0
Pitt	4,362	22.3	57.8	18.5	0.2	0.5	0.0	0.6
Polk	314	62.7	10.2	26.1	0.0	0.3	0.0	0.6
Randolph	3,917	55.6	8.1	35.2	0.2	0.9	0.0	0.1

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Richmond	1,722	40.8	41.6	16.3	1.0	0.2	0.0	0.0
Robeson	2,331	13.0	25.8	26.0	34.7	0.5	0.0	0.0
Rockingham	2,205	51.8	26.0	21.7	0.3	0.2	0.0	0.0
Rowan	3,552	47.3	25.5	26.2	0.1	0.8	0.0	0.1
Rutherford	1,903	66.9	18.2	14.1	0.2	0.5	0.0	0.1
Sampson	2,937	20.0	18.8	60.4	0.5	0.1	0.0	0.1
Scotland	1,605	21.2	57.8	2.7	17.6	0.4	0.0	0.2
Stanly	1,393	57.5	22.3	15.4	0.2	4.6	0.0	0.0
Stokes	910	89.0	5.4	4.9	0.4	0.2	0.0	0.0
Surry	1,924	62.7	3.0	34.1	0.1	0.1	0.0	0.0
Swain	377	89.4	1.9	5.0	1.9	1.6	0.0	0.3
Transylvan	596	77.0	8.9	12.6	0.3	0.3	0.0	0.8
Tyrrell	229	27.9	33.6	38.4	0.0	0.0	0.0	0.0
Union	3,786	37.7	21.1	41.0	0.1	0.1	0.0	0.1
Vance	1,624	19.5	59.9	20.4	0.0	0.0	0.0	0.2
Wake	17,864	18.8	37.4	40.3	0.8	2.3	0.0	0.4
Warren	667	19.2	69.0	10.2	1.3	0.3	0.0	0.0
Washington	438	21.7	70.3	8.0	0.0	0.0	0.0	0.0
Watauga	717	76.0	2.5	20.5	0.1	0.4	0.0	0.4

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<b>Comparison of Racial and Ethnic Distribution</b>								
<b>County</b>	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Wayne Coun	3,384	28.1	38.7	31.4	0.8	0.5	0.0	0.6
Wilkes	1,743	69.1	4.5	26.1	0.0	0.2	0.0	0.1
Wilson Cou	2,910	18.5	48.5	32.2	0.0	0.8	0.0	0.0
Yadkin	1,125	54.1	5.6	39.6	0.2	0.4	0.0	0.0
Yancey	285	77.5	0.4	22.1	0.0	0.0	0.0	0.0
<b>North Carolina</b>	<b>238,519</b>	<b>36.8</b>	<b>31.8</b>	<b>28.3</b>	<b>1.1</b>	<b>1.5</b>	<b>0.0</b>	<b>0.5</b>
<b>Nation (Prior Year)</b>	<b>8,672,965</b>	<b>32.5</b>	<b>19.1</b>	<b>39.7</b>	<b>0.9</b>	<b>2.5</b>	<b>2.7</b>	<b>2.5</b>

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<b>Comparison of Age Distribution</b>				
<b>County</b>	Number Included in Analysis (3,4)	0 - 11 Months  %	12 - 23 Months  %	24 - 59 Months  %
Alamance	4,153	29.1	22.5	48.4
Alexander	960	29.4	22.7	47.9
Alleghany	343	24.5	23.3	52.2
Anson	882	27.6	25.2	47.3
Ashe	594	26.8	25.6	47.6
Avery	379	31.1	18.7	50.1
Beaufort	1,708	27.7	23.1	49.2
Bertie	634	25.1	20.0	54.9
Bladen	1,083	25.2	23.4	51.4
Brunswick	2,376	25.3	25.0	49.7
Buncombe	4,372	35.5	19.9	44.6
Burke	2,309	28.8	23.1	48.0
Cabarrus	4,693	27.0	24.6	48.5
Caldwell	2,009	31.3	23.8	44.9
Camden	244	24.2	25.0	50.8
Carteret	1,362	34.9	21.3	43.8
Caswell	443	34.5	15.8	49.7
Catawba	3,534	37.4	18.1	44.5

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Cherokee	761	30.2	20.9	48.9
Chowan	490	27.6	25.5	46.9
Clay	305	26.2	22.6	51.1
Cleveland	2,554	35.9	23.6	40.5
Columbus	2,103	30.6	22.1	47.3
Craven	3,598	31.4	24.8	43.8
Cumberland	15,051	28.4	26.9	44.7
Currituck	395	29.4	25.1	45.6
Dare	780	31.9	19.0	49.1
Davidson	4,117	33.5	20.9	45.5
Davie	879	27.1	22.3	50.6
Duplin	1,703	28.6	19.3	52.1
Durham	7,630	32.6	20.4	47.0
Edgecombe	966	49.1	15.2	35.7
Forsyth	10,992	28.5	24.0	47.5
Franklin	1,001	28.1	7.8	64.1
Gaston	4,937	32.6	24.7	42.7

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Graham	347	28.5	18.7	52.7
Granville	1,291	24.8	25.7	49.5
Greene	902	26.6	20.5	52.9
Guilford	6,506	21.6	13.0	65.4
Halifax	1,816	25.1	26.9	48.0
Harnett	2,699	31.5	23.1	45.4
Haywood	1,308	31.4	23.5	45.1
Henderson	1,835	24.6	20.8	54.6
Hertford	785	23.4	25.0	51.6
Hoke	1,583	27.1	26.5	46.4
Hyde	173	23.1	25.4	51.4
Iredell	3,912	25.3	25.0	49.7
Jackson	805	24.2	30.9	44.8
Johnston	3,461	30.9	24.9	44.2
Jones	175	43.4	17.1	39.4
Lee	2,020	26.7	23.4	49.9
Lenoir	1,780	37.3	19.9	42.8

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Macon	498	49.0	15.3	35.7
Madison	247	54.7	12.1	33.2
Martin	746	22.5	22.9	54.6
Mcdowell	1,297	28.7	20.5	50.8
Mecklenbur	20,488	31.2	24.7	44.0
Mitchell	469	22.8	24.3	52.9
Montgomery	860	35.0	19.0	46.0
Moore	1,674	29.9	21.7	48.4
Nash	2,753	27.8	26.8	45.4
New Hanove	3,702	30.7	23.5	45.7
Northhampt	698	19.9	26.4	53.7
Onslow	7,692	37.9	23.7	38.4
Orange	2,542	22.9	24.6	52.5
Pamlico	301	28.2	16.3	55.5
Pasquotank	1,012	29.0	21.1	49.9
Pender	1,260	29.0	23.3	47.7
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<b>County</b>	Number Included in Analysis (3,4)	0 - 11 Months  %	12 - 23 Months  %	24 - 59 Months  %
Person	1,064	28.5	23.8	47.7
Pitt	4,362	31.0	22.4	46.6
Polk	314	27.4	20.4	52.2
Randolph	3,917	31.8	20.9	47.3
Richmond	1,722	31.5	20.0	48.5
Robeson	2,331	10.3	6.5	83.2
Rockingham	2,205	27.1	23.0	49.8
Rowan	3,552	25.8	26.2	48.1
Rutherford	1,903	29.7	24.6	45.7
Sampson	2,937	25.9	24.8	49.3
Scotland	1,605	25.2	25.4	49.4
Stanly	1,393	28.1	24.6	47.4
Stokes	910	26.7	24.9	48.4
Surry	1,924	28.5	23.2	48.3
Swain	377	28.4	22.8	48.8
Transylvan	596	28.0	24.7	47.3
Tyrrell	229	23.1	22.3	54.6
Union	3,786	22.1	26.0	51.9

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Vance	1,624	24.3	27.2	48.5
Wake	17,864	27.8	23.6	48.6
Warren	667	20.1	28.3	51.6
Washington	438	21.7	24.9	53.4
Watauga	717	30.4	22.3	47.3
Wayne Coun	3,384	29.8	23.7	46.5
Wilkes	1,743	29.4	20.0	50.5
Wilson Cou	2,910	22.4	27.9	49.7
Yadkin	1,125	26.2	22.1	51.6
Yancey	285	24.2	20.4	55.4
<b>North Carolina</b>	<b>238,519</b>	<b>29.2</b>	<b>23.0</b>	<b>47.8</b>
<b>Nation (Prior Year)</b>	<b>8,672,965</b>	<b>33.7</b>	<b>22.1</b>	<b>44.2</b>

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

\* Percentages are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Alamance	887	8.8 (30)	6.5 (43)	3,934	5.6 (40)	7.3 (65)	14.5 (63)	1,950	18.9 (87)	16.7 (70)	3,224	22.4 (89)
Alexander	206	10.7 (62)	7.3 (55)	509	4.7 (16)	12.2 (99)	12.6 (28)	221	17.2 (64)	13.1 (22)	734	21.1 (87)
Alleghany	75	* *	* *	294	6.5 (68)	6.8 (60)	19.4 (93)	169	20.1 (93)	26.6 (96)	240	7.1 (19)
Anson	225	11.1 (65)	3.1 (1)	664	17.5 (98)	6.8 (60)	19.4 (93)	398	19.8 (92)	23.6 (94)	537	21.2 (88)
Ashe	143	12.6 (74)	4.9 (13)	378	4.8 (17)	6.3 (47)	12.4 (26)	178	12.4 (7)	14.0 (28)	402	10.9 (44)
Avery	101	5.9 (8)	4.0 (10)	301	6.0 (53)	6.6 (56)	9.3 (3)	183	16.4 (49)	9.8 (4)	248	4.8 (8)
Beaufort	348	8.3 (23)	9.2 (77)	1,525	4.9 (21)	5.8 (37)	12.8 (34)	808	17.1 (62)	15.1 (38)	1,348	10.5 (41)
Bertie	139	15.1 (80)	5.8 (30)	568	5.6 (40)	9.0 (82)	12.3 (25)	323	12.1 (6)	12.4 (16)	489	26.2 (95)
Bladen	246	11.4 (67)	3.3 (3)	1,012	6.7 (72)	9.0 (82)	15.0 (76)	547	17.2 (64)	15.4 (46)	706	8.4 (28)
Brunswick	511	7.8 (15)	10.0 (82)	2,052	4.9 (21)	5.4 (26)	14.6 (65)	1,085	17.5 (69)	17.1 (74)	1,825	13.9 (65)
Buncombe	1,290	9.3 (40)	6.3 (39)	4,040	7.5 (84)	6.6 (56)	13.7 (50)	1,902	16.0 (44)	14.8 (33)	2,757	9.1 (34)

- (1) Reporting period is January 1 through December 31.  
(2) Analyses based on one record per child.  
(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Burke	475	8.6 (26)	6.3 (39)	2,235	5.3 (31)	7.2 (64)	13.2 (45)	1,081	17.8 (71)	15.1 (38)	1,634	8.5 (30)
Cabarrus	1,102	8.8 (30)	8.1 (66)	3,337	5.8 (47)	5.6 (31)	13.3 (47)	1,912	16.9 (57)	15.7 (52)	1,883	11.2 (48)
Caldwell	548	8.9 (34)	5.3 (23)	1,598	5.6 (40)	7.4 (66)	13.1 (43)	843	17.2 (64)	16.7 (70)	1,430	10.8 (43)
Camden	44	* *	* *	237	9.3 (93)	8.4 (73)	12.2 (23)	116	6.0 (1)	14.7 (31)	144	11.1 (47)
Carteret	373	5.9 (8)	5.1 (18)	1,083	3.6 (2)	8.8 (78)	10.3 (5)	549	17.1 (62)	10.7 (5)	928	2.9 (1)
Caswell	143	17.5 (82)	5.6 (27)	322	4.3 (12)	6.8 (60)	12.7 (31)	195	14.9 (23)	12.3 (13)	262	6.1 (15)
Catawba	900	9.6 (46)	6.2 (37)	1,839	7.0 (80)	9.1 (85)	12.7 (31)	799	16.3 (47)	15.8 (54)	2,247	7.7 (22)
Chatham	437	5.0 (3)	8.5 (72)	2,209	5.6 (40)	6.1 (43)	17.1 (89)	1,159	17.9 (72)	17.5 (80)	1,798	13.7 (63)
Cherokee	169	8.9 (34)	9.5 (79)	584	3.9 (5)	8.6 (75)	14.2 (58)	274	15.7 (40)	17.2 (75)	516	6.0 (13)
Chowan	107	9.3 (40)	3.7 (8)	473	4.2 (10)	10.8 (94)	16.5 (88)	221	12.7 (9)	19.0 (87)	380	13.2 (60)
Clay	57	* *	* *	274	6.2 (57)	4.4 (15)	13.5 (49)	145	14.5 (21)	15.9 (57)	238	8.8 (31)

- (1) Reporting period is January 1 through December 31.  
(2) Analyses based on one record per child.  
(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Cleveland	688	7.3 (10)	6.0 (34)	2,489	5.1 (26)	8.7 (77)	11.8 (18)	1,003	15.9 (43)	14.9 (34)	1,780	9.7 (37)
Columbus	444	12.8 (75)	5.4 (25)	1,954	10.9 (94)	3.2 (3)	23.7 (98)	975	17.3 (67)	22.6 (91)	1,426	15.6 (72)
Craven	898	9.2 (39)	8.0 (64)	2,870	5.5 (37)	7.4 (66)	11.6 (13)	1,463	15.2 (30)	12.0 (9)	2,604	10.1 (39)
Cumberland	3,790	9.9 (53)	7.5 (59)	13,446	4.9 (21)	11.5 (97)	9.2 (2)	6,260	11.7 (5)	9.0 (1)	10,924	17.3 (77)
Currituck	91	* *	* *	386	11.9 (95)	8.3 (72)	11.9 (20)	176	18.8 (86)	14.2 (29)	291	17.5 (79)
Dare	195	5.6 (6)	8.2 (67)	656	6.6 (70)	4.6 (17)	14.6 (65)	363	20.9 (95)	16.8 (72)	550	9.8 (38)
Davidson	933	9.9 (53)	5.1 (18)	4,032	7.2 (82)	6.3 (47)	12.8 (34)	1,855	15.5 (37)	15.8 (54)	3,107	8.0 (24)
Davie	172	7.6 (12)	6.4 (41)	714	6.6 (70)	3.5 (6)	15.3 (77)	396	18.7 (85)	15.4 (46)	697	11.3 (50)
Duplin	338	8.0 (18)	9.5 (79)	1,558	15.7 (97)	4.2 (10)	18.2 (91)	827	19.0 (89)	21.2 (90)	1,190	9.3 (36)
Durham	1,682	11.7 (70)	6.5 (43)	5,026	6.4 (64)	4.2 (10)	16.1 (85)	2,486	17.3 (67)	18.8 (86)	2,579	26.9 (98)
Edgecombe	399	10.5 (58)	5.0 (16)	730	6.7 (72)	11.2 (95)	10.8 (8)	317	14.2 (18)	12.3 (13)	548	16.6 (75)

- (1) Reporting period is January 1 through December 31.  
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(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Forsyth	2,273	11.4 (67)	6.5 (43)	10,407	6.3 (61)	9.3 (88)	11.6 (13)	5,045	16.6 (54)	13.8 (26)	8,454	26.3 (97)
Franklin	267	8.2 (21)	9.4 (78)	927	3.6 (2)	8.8 (78)	16.4 (86)	601	18.5 (81)	16.8 (72)	565	3.2 (4)
Gaston	1,373	8.8 (30)	5.8 (30)	3,018	6.4 (64)	5.8 (37)	13.4 (48)	1,454	15.3 (33)	15.5 (50)	3,457	28.4 (99)
Gates	56	* *	* *	122	4.1 (8)	11.5 (97)	8.2 (1)	43	* *	* *	219	6.8 (18)
Graham	75	* *	* *	278	6.8 (77)	5.4 (26)	12.9 (38)	177	23.7 (96)	12.4 (16)	93	* *
Granville	287	4.9 (2)	6.6 (47)	1,188	5.1 (26)	7.7 (70)	14.3 (60)	623	13.6 (13)	16.1 (61)	937	12.4 (55)
Greene	171	11.1 (65)	6.4 (41)	855	6.8 (77)	3.5 (6)	16.0 (82)	463	17.9 (72)	17.3 (77)	723	18.1 (81)
Guilford	1,082	9.5 (43)	6.0 (34)	6,274	6.4 (64)	6.9 (63)	14.4 (61)	4,155	15.0 (26)	15.9 (57)	3,779	11.0 (45)
Halifax	411	14.4 (79)	3.6 (6)	1,708	5.5 (37)	6.1 (43)	14.6 (65)	845	17.0 (59)	15.1 (38)	1,401	17.3 (77)
Harnett	646	8.8 (30)	5.6 (27)	2,240	5.5 (37)	5.0 (20)	14.1 (56)	1,132	12.4 (7)	12.6 (19)	2,001	8.9 (32)
Haywood	322	8.4 (24)	5.6 (27)	1,212	4.2 (10)	9.6 (90)	11.1 (9)	550	19.1 (91)	12.2 (12)	982	7.9 (23)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under-weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Henderson	284	9.9 (53)	5.3 (23)	1,754	6.2 (57)	5.9 (41)	11.6 (13)	969	18.5 (81)	12.4 (16)	1,326	12.1 (53)
Hertford	173	12.1 (73)	3.5 (5)	722	5.3 (31)	6.2 (45)	12.9 (38)	390	15.6 (38)	13.1 (22)	572	12.1 (53)
Hoke	405	11.9 (72)	4.9 (13)	1,482	8.8 (90)	10.3 (92)	15.3 (77)	688	15.1 (27)	16.6 (68)	1,158	26.2 (95)
Hyde	34	* *	* *	135	3.7 (4)	4.4 (15)	17.8 (90)	82	* *	* *	128	19.5 (85)
Iredell	855	9.7 (48)	6.5 (43)	2,434	4.8 (17)	3.3 (5)	14.4 (61)	1,451	18.6 (83)	15.2 (42)	2,986	3.1 (3)
Jackson	156	5.8 (7)	12.2 (84)	751	6.7 (72)	4.3 (13)	12.8 (34)	351	15.4 (34)	12.0 (9)	564	5.5 (10)
Johnston	899	8.0 (18)	6.6 (47)	3,164	4.8 (17)	10.7 (93)	12.5 (27)	1,396	16.5 (51)	18.2 (85)	2,337	13.4 (62)
Jones	72	* *	* *	98	* *	* *	* *	45	* *	* *	101	11.9 (52)
Lee	378	10.6 (60)	5.8 (30)	1,937	5.1 (26)	5.5 (30)	14.7 (69)	988	16.1 (45)	16.2 (64)	1,500	18.5 (82)
Lenoir	441	13.8 (77)	5.2 (21)	1,541	6.4 (64)	6.5 (52)	14.9 (73)	728	16.9 (57)	15.0 (36)	1,331	5.8 (12)
Lincoln	392	7.9 (16)	7.1 (53)	1,543	5.7 (44)	8.6 (75)	11.1 (9)	798	9.9 (2)	9.3 (3)	1,346	10.4 (40)

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(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Macon	191	8.9 (34)	5.2 (21)	341	19.1 (99)	5.6 (31)	26.1 (99)	139	15.1 (27)	25.2 (95)	186	12.4 (55)
Madison	119	5.0 (3)	3.4 (4)	147	14.3 (96)	8.8 (78)	12.2 (23)	69	* *	* *	110	8.2 (25)
Martin	152	16.4 (81)	7.9 (62)	702	5.7 (44)	5.6 (31)	13.1 (43)	399	14.0 (16)	15.3 (44)	416	15.1 (69)
Mcdowell	276	9.8 (50)	8.0 (64)	1,185	4.3 (12)	6.4 (50)	11.4 (12)	625	15.2 (30)	12.8 (20)	1,000	15.2 (71)
Mecklenbur	4,738	9.7 (48)	5.8 (30)	15,795	6.3 (61)	4.2 (10)	16.4 (86)	7,993	17.7 (70)	18.0 (84)	12,441	23.2 (92)
Mitchell	98	* *	* *	373	5.9 (50)	3.5 (6)	14.7 (69)	225	18.2 (78)	14.7 (31)	347	3.7 (5)
Montgomery	245	5.3 (5)	8.2 (67)	832	5.2 (30)	9.1 (85)	14.8 (72)	384	19.0 (89)	14.6 (30)	598	9.2 (35)
Moore	366	9.6 (46)	9.6 (81)	1,539	3.9 (5)	7.8 (71)	12.9 (38)	746	14.9 (23)	15.7 (52)	1,293	6.0 (13)
Nash	719	10.7 (62)	6.7 (51)	2,284	5.3 (31)	8.9 (81)	12.6 (28)	1,083	15.6 (38)	15.9 (57)	1,754	5.1 (9)
New Hanove	889	10.9 (64)	6.6 (47)	2,809	5.8 (47)	5.8 (37)	12.0 (21)	1,345	15.1 (27)	13.0 (21)	2,367	8.9 (32)
Northhampt	122	9.8 (50)	4.1 (11)	673	5.3 (31)	5.8 (37)	13.7 (50)	362	18.2 (78)	15.2 (42)	482	24.1 (93)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
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**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Onslow	2,182	8.6 (26)	8.4 (71)	6,646	6.2 (57)	6.5 (52)	10.4 (7)	2,579	15.2 (30)	11.2 (7)	4,591	8.4 (28)
Orange	426	8.2 (21)	4.9 (13)	2,491	6.1 (55)	4.7 (18)	13.8 (53)	1,321	15.7 (40)	16.6 (68)	1,572	22.6 (91)
Pamlico	64	* *	* *	272	4.4 (14)	11.4 (96)	10.3 (5)	154	16.2 (46)	15.6 (51)	219	22.4 (89)
Pasquotank	183	7.7 (14)	6.0 (34)	900	8.6 (89)	6.6 (56)	14.1 (56)	467	13.9 (15)	16.1 (61)	524	12.6 (57)
Pender	285	8.1 (20)	7.4 (58)	1,027	8.3 (88)	6.3 (47)	20.1 (95)	490	18.6 (83)	20.2 (88)	816	11.2 (48)
Perquimans	70	* *	* *	254	9.1 (92)	5.1 (24)	20.5 (96)	145	17.9 (72)	23.4 (93)	228	17.1 (76)
Person	254	8.7 (28)	7.5 (59)	994	2.9 (1)	6.5 (52)	16.0 (82)	472	12.7 (9)	17.6 (82)	701	8.3 (27)
Pitt	981	10.4 (57)	5.0 (16)	3,877	7.1 (81)	4.3 (13)	16.0 (82)	1,994	18.1 (75)	17.5 (80)	3,264	19.0 (84)
Polk	70	* *	* *	300	5.0 (24)	5.0 (20)	14.0 (55)	152	15.8 (42)	16.4 (67)	241	17.8 (80)
Randolph	845	9.9 (53)	6.7 (51)	3,778	6.7 (72)	6.2 (45)	13.0 (42)	1,760	16.3 (47)	16.2 (64)	3,017	2.9 (1)
Richmond	418	12.9 (76)	6.2 (37)	1,497	5.4 (36)	7.6 (69)	14.2 (58)	815	13.5 (11)	13.3 (24)	1,287	25.9 (94)

- (1) Reporting period is January 1 through December 31.  
(2) Analyses based on one record per child.  
(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Robeson	185	23.8 (84)	3.2 (2)	2,024	8.2 (87)	3.2 (3)	20.5 (96)	1,787	17.0 (59)	20.6 (89)	2,121	4.1 (7)
Rockingham	492	9.8 (50)	7.3 (55)	2,144	4.1 (8)	7.5 (68)	12.1 (22)	1,070	15.4 (34)	14.9 (34)	1,701	12.9 (58)
Rowan	808	9.5 (43)	7.2 (54)	3,165	4.8 (17)	6.5 (52)	13.2 (45)	1,608	15.4 (34)	13.6 (25)	2,359	13.2 (60)
Rutherford	457	11.8 (71)	8.8 (75)	1,818	6.3 (61)	5.6 (31)	15.7 (80)	851	14.6 (22)	15.0 (36)	1,436	15.7 (73)
Sampson	618	8.4 (24)	6.6 (47)	2,555	5.1 (26)	6.7 (59)	18.7 (92)	1,340	20.5 (94)	23.2 (92)	2,286	15.1 (69)
Scotland	313	14.1 (78)	5.1 (18)	1,497	9.0 (91)	4.7 (18)	15.6 (79)	776	14.3 (19)	13.8 (26)	1,246	14.4 (68)
Stanly	341	11.4 (67)	7.6 (61)	1,083	5.0 (24)	5.4 (26)	13.7 (50)	607	13.8 (14)	15.3 (44)	897	20.2 (86)
Stokes	213	8.9 (34)	8.5 (72)	680	7.2 (82)	3.7 (9)	11.2 (11)	396	14.9 (23)	12.1 (11)	675	14.2 (67)
Surry	439	9.1 (38)	8.9 (76)	1,124	7.9 (86)	9.1 (85)	13.9 (54)	487	17.0 (59)	17.2 (75)	1,461	4.0 (6)
Swain	69	* *	* *	342	5.8 (47)	5.3 (25)	12.9 (38)	179	14.0 (16)	15.1 (38)	297	16.5 (74)
Transylvan	110	7.3 (10)	8.2 (67)	553	6.5 (68)	9.4 (89)	11.8 (18)	263	18.3 (80)	16.3 (66)	482	6.2 (16)

- (1) Reporting period is January 1 through December 31.  
(2) Analyses based on one record per child.  
(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Tyrrell	47	* *	* *	188	5.9 (50)	5.9 (41)	10.1 (4)	119	10.9 (3)	9.2 (2)	175	13.1 (59)
Union	554	8.7 (28)	7.9 (62)	3,562	6.9 (79)	3.1 (2)	14.5 (63)	1,902	18.1 (75)	15.4 (46)	3,158	11.0 (45)
Vance	363	10.5 (58)	5.5 (26)	1,558	5.3 (31)	9.8 (91)	12.8 (34)	764	11.3 (4)	11.1 (6)	1,212	13.9 (65)
Wake	3,758	9.4 (42)	8.2 (67)	17,567	5.7 (44)	5.0 (20)	12.6 (28)	8,565	16.8 (55)	15.4 (46)	11,980	18.5 (82)
Warren	106	19.8 (83)	3.8 (9)	613	6.7 (72)	5.4 (26)	11.6 (13)	342	16.4 (49)	11.7 (8)	545	10.6 (42)
Washington	87	* *	* *	366	6.0 (53)	8.5 (74)	15.8 (81)	222	13.5 (11)	15.8 (54)	339	11.5 (51)
Watauga	165	4.2 (1)	10.3 (83)	696	5.9 (50)	5.6 (31)	11.6 (13)	333	18.9 (87)	12.3 (13)	486	8.2 (25)
Wayne Coun	857	7.9 (16)	8.6 (74)	2,992	4.4 (14)	9.0 (82)	12.7 (31)	1,493	16.5 (51)	16.0 (60)	2,352	13.8 (64)
Wilkes	356	7.6 (12)	7.3 (55)	1,409	6.2 (57)	5.0 (20)	14.6 (65)	839	16.8 (55)	16.1 (61)	1,308	7.5 (21)
Wilson Cou	567	10.6 (60)	4.8 (12)	2,749	4.0 (7)	6.4 (50)	14.9 (73)	1,372	14.4 (20)	17.3 (77)	2,303	6.5 (17)
Yadkin	222	9.5 (43)	3.6 (6)	933	6.1 (55)	3.0 (1)	14.7 (69)	532	16.5 (51)	17.9 (83)	844	5.5 (10)

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(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Yancey	58	* *	* *	268	7.5 (84)	5.6 (31)	14.9 (73)	155	18.1 (75)	17.4 (79)	203	7.4 (20)
<b>North Carolina</b>	<b>54,086</b>	<b>9.7</b>	<b>6.7</b>	<b>205,721</b>	<b>6.1</b>	<b>6.6</b>	<b>13.6</b>	<b>103,874</b>	<b>16.2</b>	<b>15.4</b>	<b>162,946</b>	<b>14.7</b>
<b>Nation (Prior Year)</b>	<b>1,851,546</b>	<b>9.0</b>	<b>6.3</b>	<b>8,057,124</b>	<b>6.3</b>	<b>3.6</b>	<b>12.4</b>	<b>3,572,939</b>	<b>16.1</b>	<b>14.4</b>	<b>5,391,027</b>	<b>14.6</b>

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- \* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years** (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
County	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Alamance	892	61.8 (39)	427	22.7 (21)	577	17.7 (31)	0	* *	0	* *
Alexander	206	95.6 (2)	107	29.0 (11)	154	23.4 (15)	0	* *	0	* *
Alleghany	75	* *	35	* *	60	* *	0	* *	0	* *
Anson	225	40.9 (73)	71	* *	143	4.9 (69)	0	* *	0	* *
Ashe	143	60.1 (44)	60	* *	100	25.0 (13)	0	* *	0	* *
Avery	101	61.4 (40)	30	* *	47	* *	0	* *	0	* *
Beaufort	348	56.9 (48)	166	19.9 (32)	226	12.8 (51)	0	* *	0	* *
Bertie	139	43.2 (70)	43	* *	62	* *	0	* *	0	* *
Bladen	246	60.6 (41)	89	* *	170	40.6 (2)	0	* *	0	* *
Brunswick	512	45.5 (69)	217	16.1 (46)	366	13.7 (47)	0	* *	0	* *
Buncombe	1,297	74.6 (15)	465	33.5 (6)	573	25.8 (11)	0	* *	0	* *
Burke	477	70.6 (20)	225	18.2 (38)	295	8.8 (65)	0	* *	0	* *
Cabarrus	1,116	65.6 (29)	428	22.4 (22)	749	20.8 (19)	0	* *	0	* *

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  - (3) Analyses based on one record per child.
  - (4) Excludes records with unknown data or errors.
  - (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
  - (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
  - (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
  - (8) Children aged 2 years and older included in the analyses.
- \* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years** (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Caldwell	549	61.9 (37)	191	15.2 (50)	300	12.7 (52)	0	* *	0	* *	0	* *
Camden	46	* *	21	* *	48	* *	0	* *	0	* *	0	* *
Carteret	373	63.3 (33)	147	23.8 (16)	188	20.7 (20)	0	* *	0	* *	0	* *
Caswell	143	64.3 (32)	34	* *	35	* *	0	* *	0	* *	0	* *
Catawba	905	68.1 (24)	389	23.9 (15)	415	18.8 (26)	0	* *	0	* *	0	* *
Chatham	439	84.7 (7)	237	38.0 (5)	302	34.4 (3)	0	* *	0	* *	0	* *
Cherokee	170	58.2 (45)	67	* *	77	* *	0	* *	0	* *	0	* *
Chowan	107	26.2 (82)	46	* *	82	* *	0	* *	0	* *	0	* *
Clay	57	* *	34	* *	48	* *	0	* *	0	* *	0	* *
Cleveland	705	51.9 (59)	274	40.9 (2)	361	31.9 (4)	0	* *	0	* *	0	* *
Columbus	494	35.0 (75)	226	21.2 (27)	275	17.1 (35)	0	* *	0	* *	0	* *
Craven	921	42.8 (71)	399	15.5 (49)	562	10.5 (61)	0	* *	0	* *	0	* *
Cumberland	3,828	74.6 (15)	1,408	18.6 (35)	2,691	13.7 (47)	0	* *	0	* *	0	* *

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B  
2011 Pediatric Nutrition Surveillance (1)  
North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County  
Children Aged < 5 Years (3) (2)**

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
County	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Currituck	93	* *	41	* *	64	* *	0	* *	0	* *
Dare	197	100.0 (1)	85	* *	103	27.2 (7)	0	* *	0	* *
Davidson	947	81.2 (8)	398	18.3 (36)	453	15.9 (39)	0	* *	0	* *
Davie	172	45.9 (68)	88	* *	118	16.9 (36)	0	* *	0	* *
Duplin	338	63.3 (33)	178	14.0 (53)	208	17.3 (34)	0	* *	0	* *
Durham	1,692	70.8 (19)	772	29.0 (11)	874	20.6 (21)	0	* *	0	* *
Edgecombe	399	14.3 (84)	71	* *	90	* *	0	* *	0	* *
Forsyth	2,310	78.1 (11)	1,287	32.1 (9)	1,770	27.8 (6)	0	* *	0	* *
Franklin	269	50.9 (62)	31	* *	55	* *	0	* *	0	* *
Gaston	1,378	47.5 (66)	498	21.5 (25)	829	13.0 (49)	0	* *	0	* *
Gates	56	* *	31	* *	42	* *	0	* *	0	* *
Graham	75	* *	23	* *	38	* *	0	* *	0	* *
Granville	287	74.2 (17)	134	47.8 (1)	213	46.0 (1)	0	* *	0	* *

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- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- (8) Children aged 2 years and older included in the analyses.
- \* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B  
2011 Pediatric Nutrition Surveillance (1)  
North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County  
Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)	Smoking in Household
County	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)
Greene	171	67.3 (26)	72	* *	112	14.3 (43)	0	* *	0	* *
Guilford	1,098	60.4 (42)	328	33.2 (7)	482	24.3 (14)	0	* *	0	* *
Halifax	412	33.0 (77)	168	6.5 (58)	313	5.1 (68)	0	* *	0	* *
Harnett	648	52.3 (58)	296	14.9 (51)	385	11.7 (57)	0	* *	0	* *
Haywood	322	56.2 (49)	129	4.7 (59)	164	0.6 (73)	0	* *	0	* *
Henderson	285	80.4 (10)	192	40.6 (3)	210	26.2 (10)	0	* *	0	* *
Hertford	173	32.9 (78)	68	* *	120	7.5 (66)	0	* *	0	* *
Hoke	407	60.2 (43)	147	23.1 (19)	292	18.8 (26)	0	* *	0	* *
Hyde	34	* *	7	* *	27	* *	0	* *	0	* *
Iredell	858	64.8 (30)	394	21.1 (28)	675	16.7 (37)	0	* *	0	* *
Jackson	158	55.1 (51)	80	* *	152	26.3 (9)	0	* *	0	* *
Johnston	913	54.0 (55)	337	23.1 (19)	568	18.8 (26)	0	* *	0	* *
Jones	72	* *	13	* *	25	* *	0	* *	0	* *

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years** (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Lee	380	50.3 (64)	200	19.5 (34)	278	19.4 (25)	0	* *	0	* *	0	* *
Lenoir	443	55.1 (51)	174	17.8 (41)	177	9.0 (64)	0	* *	0	* *	0	* *
Lincoln	393	66.2 (28)	137	17.5 (43)	196	13.8 (45)	0	* *	0	* *	0	* *
Macon	192	70.3 (22)	60	* *	41	* *	0	* *	0	* *	0	* *
Madison	119	77.3 (13)	25	* *	24	* *	0	* *	0	* *	0	* *
Martin	152	16.4 (83)	66	* *	117	0.9 (72)	0	* *	0	* *	0	* *
Mcdowell	276	67.0 (27)	115	23.5 (17)	176	16.5 (38)	0	* *	0	* *	0	* *
Mecklenbur	4,944	54.7 (54)	2,179	24.1 (14)	3,234	22.9 (17)	0	* *	0	* *	0	* *
Mitchell	98	* *	37	* *	68	* *	0	* *	0	* *	0	* *
Montgomery	245	67.8 (25)	104	8.7 (55)	115	15.7 (41)	0	* *	0	* *	0	* *
Moore	370	61.9 (37)	171	18.1 (39)	233	11.2 (58)	0	* *	0	* *	0	* *
Nash	719	50.8 (63)	284	15.8 (48)	512	15.8 (40)	0	* *	0	* *	0	* *
New Hanove	892	70.5 (21)	339	25.7 (13)	546	17.9 (30)	0	* *	0	* *	0	* *

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years** (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Northhampt	124	41.1 (72)	60	* *	118	5.9 (67)	0	* *	0	* *	0	* *
Onslow	2,189	57.8 (46)	862	18.0 (40)	1,114	12.3 (53)	0	* *	0	* *	0	* *
Orange	427	76.8 (14)	237	38.4 (4)	368	26.4 (8)	0	* *	0	* *	0	* *
Pamlico	65	* *	32	* *	33	* *	0	* *	0	* *	0	* *
Pasquotank	183	32.2 (79)	110	10.0 (54)	129	2.3 (71)	0	* *	0	* *	0	* *
Pender	285	69.1 (23)	114	17.5 (43)	199	14.1 (44)	0	* *	0	* *	0	* *
Perquimans	73	* *	32	* *	48	* *	0	* *	0	* *	0	* *
Person	256	49.6 (65)	102	20.6 (31)	154	19.5 (24)	0	* *	0	* *	0	* *
Pitt	983	51.2 (61)	402	19.9 (32)	544	13.8 (45)	0	* *	0	* *	0	* *
Polk	70	* *	29	* *	36	* *	0	* *	0	* *	0	* *
Randolph	850	64.7 (31)	449	21.4 (26)	527	12.3 (53)	0	* *	0	* *	0	* *
Richmond	418	30.4 (80)	201	8.5 (56)	222	9.5 (63)	0	* *	0	* *	0	* *
Robeson	185	51.9 (59)	43	* *	86	* *	0	* *	0	* *	0	* *

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- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
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**Table 7B**  
**2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years** (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Rockingham	492	52.6 (57)	200	16.0 (47)	323	11.1 (60)	0	* *	0	* *	0	* *
Rowan	810	57.7 (47)	332	14.2 (52)	599	10.0 (62)	0	* *	0	* *	0	* *
Rutherford	457	77.5 (12)	191	16.8 (45)	306	15.7 (41)	0	* *	0	* *	0	* *
Sampson	623	39.3 (74)	293	23.2 (18)	439	20.0 (22)	0	* *	0	* *	0	* *
Scotland	317	29.3 (81)	167	7.8 (57)	259	3.5 (70)	0	* *	0	* *	0	* *
Stanly	342	62.9 (35)	136	17.6 (42)	207	13.0 (49)	0	* *	0	* *	0	* *
Stokes	213	54.9 (53)	88	* *	156	12.2 (55)	0	* *	0	* *	0	* *
Surry	439	54.0 (55)	185	21.6 (24)	318	17.6 (32)	0	* *	0	* *	0	* *
Swain	69	* *	64	* *	63	* *	0	* *	0	* *	0	* *
Transylvan	110	85.5 (6)	66	* *	78	* *	0	* *	0	* *	0	* *
Tyrrell	47	* *	17	* *	26	* *	0	* *	0	* *	0	* *
Union	565	74.0 (18)	378	30.7 (10)	602	25.4 (12)	0	* *	0	* *	0	* *
Vance	363	34.2 (76)	139	20.9 (29)	295	19.7 (23)	0	* *	0	* *	0	* *

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**Table 7B**  
**2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)	Smoking in Household
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)
Wake	3,803	87.5 (4)	1,577	32.8 (8)	2,590	23.0 (16)	0	* *	0	* *
Warren	106	55.7 (50)	76	* *	116	11.2 (58)	0	* *	0	* *
Washington	87	* *	32	* *	71	* *	0	* *	0	* *
Watauga	165	89.1 (3)	84	* *	104	28.8 (5)	0	* *	0	* *
Wayne Coun	868	87.3 (5)	317	18.3 (36)	507	11.8 (56)	0	* *	0	* *
Wilkes	357	62.2 (36)	174	20.7 (30)	239	17.6 (32)	0	* *	0	* *
Wilson Cou	575	47.3 (67)	289	21.8 (23)	516	21.5 (18)	0	* *	0	* *
Yadkin	222	81.1 (9)	96	* *	149	18.1 (29)	0	* *	0	* *
Yancey	58	* *	31	* *	40	* *	0	* *	0	* *
<b>North Carolina</b>	<b>54,697</b>	<b>63.0</b>	<b>23,200</b>	<b>23.2</b>	<b>34,586</b>	<b>18.1</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Nation (Prior Year)</b>	<b>1,689,615</b>	<b>63.2</b>	<b>908,604</b>	<b>25.1</b>	<b>1,069,942</b>	<b>16.9</b>	<b>363,039</b>	<b>10.7</b>	<b>466,279</b>	<b>6.1</b>
									<b>1,200,700</b>	<b>79.2</b>
									<b>4,203,554</b>	<b>9.4</b>

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Alamance	2,662	8.6 (28)	6.9 (62)	11,692	5.0 (17)	6.6 (49)	14.7 (64)	5,644	17.9 (88)	16.2 (62)	9,562	20.6 (90)
Alexander	682	10.1 (60)	5.7 (29)	1,817	5.1 (22)	10.8 (95)	11.8 (15)	764	14.8 (22)	14.8 (43)	2,130	16.6 (76)
Alleghany	219	7.3 (6)	4.1 (5)	912	5.9 (50)	7.3 (64)	16.4 (84)	497	20.7 (99)	21.1 (98)	723	10.4 (42)
Anson	653	11.2 (81)	4.4 (7)	1,986	16.3(100)	7.7 (73)	19.6 (96)	1,144	15.3 (28)	16.9 (74)	1,695	19.8 (87)
Ashe	439	11.8 (85)	6.2 (44)	1,455	5.6 (42)	5.6 (31)	13.0 (35)	783	14.6 (19)	14.4 (33)	1,330	12.2 (54)
Avery	297	7.7 (10)	5.4 (25)	799	7.4 (82)	5.5 (28)	12.1 (21)	440	13.2 (12)	13.0 (17)	600	6.0 (14)
Beaufort	1,129	10.5 (69)	5.8 (30)	4,649	4.6 (9)	5.9 (35)	13.3 (41)	2,512	15.8 (38)	15.8 (56)	4,083	9.9 (38)
Bertie	384	13.3 (93)	3.4 (2)	1,712	7.1 (72)	7.9 (76)	15.0 (71)	944	12.3 (9)	14.6 (39)	1,452	25.1 (98)
Bladen	777	10.3 (64)	7.3 (74)	3,369	6.7 (68)	8.1 (79)	15.3 (74)	1,848	17.0 (68)	16.2 (62)	2,371	8.6 (31)
Brunswick	1,655	9.4 (45)	7.4 (78)	6,580	5.0 (17)	5.5 (28)	14.1 (52)	3,428	17.6 (82)	16.8 (73)	5,608	7.7 (27)
Buncombe	3,798	9.8 (51)	6.7 (58)	9,979	7.7 (85)	6.6 (49)	13.1 (38)	5,036	16.6 (61)	14.1 (30)	6,806	7.4 (25)

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(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Burke	1,591	8.4 (24)	5.9 (34)	6,881	5.1 (22)	7.3 (64)	13.8 (45)	3,260	17.9 (88)	16.5 (69)	5,175	8.7 (33)
Cabarrus	3,247	8.8 (32)	7.0 (66)	12,140	5.3 (31)	7.3 (64)	13.2 (39)	6,304	17.7 (86)	16.9 (74)	7,155	9.9 (38)
Caldwell	1,614	10.2 (62)	6.4 (52)	5,232	5.2 (29)	5.6 (31)	14.5 (61)	2,756	17.6 (82)	17.4 (83)	4,812	9.2 (34)
Camden	167	9.0 (35)	3.0 (1)	729	9.1 (95)	6.7 (54)	13.9 (47)	352	10.8 (4)	16.5 (69)	448	10.9 (46)
Carteret	990	8.0 (14)	7.5 (81)	3,109	3.6 (3)	7.7 (73)	12.6 (27)	1,611	16.1 (47)	13.8 (25)	2,665	3.6 (4)
Caswell	407	15.0 (98)	4.4 (7)	1,466	4.8 (12)	6.0 (38)	11.3 (9)	816	15.8 (38)	11.6 (10)	1,169	7.4 (25)
Catawba	2,801	9.1 (39)	7.4 (78)	5,396	7.2 (78)	9.7 (92)	12.7 (32)	2,180	16.5 (57)	16.2 (62)	7,256	6.5 (18)
Chatham	1,279	7.0 (4)	8.4 (96)	6,402	5.2 (29)	5.3 (23)	17.6 (94)	3,358	16.9 (66)	18.5 (92)	5,249	17.1 (78)
Cherokee	510	10.6 (73)	6.9 (62)	1,534	5.1 (22)	8.4 (81)	14.1 (52)	717	15.3 (28)	16.3 (66)	1,695	7.1 (22)
Chowan	313	11.2 (81)	5.4 (25)	1,416	5.0 (17)	9.3 (89)	14.3 (57)	689	13.9 (15)	18.0 (87)	1,150	13.0 (61)
Clay	179	4.5 (1)	9.5 (99)	819	7.3 (79)	4.4 (13)	14.2 (54)	431	15.3 (28)	14.8 (43)	694	9.2 (34)

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(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Cleveland	2,131	8.8 (32)	6.8 (60)	6,202	5.3 (31)	8.8 (83)	11.5 (12)	1,650	16.4 (52)	14.4 (33)	4,079	10.3 (40)
Columbus	1,420	12.1 (88)	6.5 (55)	6,288	8.0 (87)	4.1 (7)	20.9(100)	3,002	17.1 (70)	19.0 (93)	4,521	14.7 (70)
Craven	2,838	7.8 (11)	7.9 (88)	9,185	6.4 (60)	6.8 (57)	12.6 (27)	4,641	14.8 (22)	13.0 (17)	7,785	10.4 (42)
Cumberland	11,160	10.4 (67)	7.1 (68)	39,507	4.5 (8)	11.6 (96)	8.9 (1)	18,459	10.8 (4)	8.0 (1)	31,883	16.5 (75)
Currituck	306	8.2 (20)	6.9 (62)	1,179	10.7 (97)	6.7 (54)	12.1 (21)	558	16.5 (57)	12.0 (13)	891	13.4 (64)
Dare	549	7.1 (5)	8.6 (97)	2,083	5.0 (17)	4.0 (6)	15.4 (78)	1,159	19.1 (97)	16.4 (67)	1,828	10.6 (44)
Davidson	2,720	10.7 (75)	6.4 (52)	11,225	7.1 (72)	5.5 (28)	12.6 (27)	5,269	16.4 (52)	15.4 (49)	9,460	8.0 (28)
Davie	557	8.4 (24)	7.2 (70)	2,133	7.3 (79)	4.2 (8)	14.7 (64)	1,148	15.8 (38)	15.2 (47)	2,019	15.2 (71)
Duplin	1,435	8.2 (20)	7.0 (66)	4,777	9.3 (96)	6.8 (57)	16.9 (89)	2,314	17.2 (75)	21.4 (99)	3,075	14.2 (66)
Durham	5,178	11.2 (81)	6.1 (39)	14,120	7.5 (84)	4.3 (11)	17.0 (90)	6,870	15.8 (38)	17.9 (86)	5,518	23.2 (94)
Edgecombe	1,328	10.5 (69)	4.5 (9)	2,627	5.3 (31)	12.7 (98)	11.4 (10)	1,075	14.7 (21)	13.9 (27)	1,801	18.9 (85)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Forsyth	7,080	11.1 (80)	6.1 (39)	30,204	5.8 (49)	9.0 (85)	11.9 (16)	14,752	16.6 (61)	14.5 (36)	24,457	25.1 (98)
Franklin	915	9.2 (41)	6.0 (35)	3,571	5.5 (38)	7.6 (71)	16.4 (84)	2,147	18.2 (91)	17.8 (85)	2,063	4.3 (6)
Gaston	4,211	9.8 (51)	5.5 (27)	11,407	6.2 (55)	6.2 (41)	11.5 (12)	5,250	15.4 (31)	13.0 (17)	10,075	18.0 (81)
Gates	166	8.4 (24)	4.8 (14)	485	4.9 (14)	9.3 (89)	11.1 (7)	219	13.7 (14)	12.8 (16)	743	6.7 (20)
Graham	195	8.2 (20)	7.2 (70)	850	7.3 (79)	4.5 (14)	15.1 (72)	518	21.4(100)	15.1 (46)	446	6.5 (18)
Granville	932	7.6 (7)	5.2 (22)	3,941	5.1 (22)	6.8 (57)	14.8 (69)	2,106	15.2 (27)	15.2 (47)	3,047	11.7 (50)
Greene	550	10.5 (69)	7.3 (74)	2,749	6.5 (64)	4.3 (11)	16.3 (82)	1,454	18.6 (93)	17.1 (79)	2,266	19.5 (86)
Guilford	3,864	9.0 (35)	6.1 (39)	18,043	6.5 (64)	6.9 (60)	14.2 (54)	11,661	15.6 (35)	15.5 (51)	10,259	8.1 (30)
Halifax	1,321	12.9 (92)	4.7 (11)	5,322	5.1 (22)	7.1 (63)	14.7 (64)	2,651	15.8 (38)	15.4 (49)	4,324	20.3 (89)
Harnett	2,045	9.7 (49)	5.1 (20)	7,433	5.6 (42)	4.8 (16)	14.3 (57)	3,861	12.9 (10)	13.2 (20)	6,611	10.6 (44)
Haywood	935	10.1 (60)	7.3 (74)	3,619	4.9 (14)	8.8 (83)	12.0 (19)	1,620	17.2 (75)	14.7 (41)	2,957	9.6 (36)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
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(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Henderson	1,040	8.0 (14)	6.3 (48)	5,620	6.4 (60)	6.4 (44)	13.0 (35)	2,963	17.4 (77)	14.6 (39)	4,173	16.8 (77)
Hertford	580	12.2 (89)	4.7 (11)	2,328	4.0 (4)	7.4 (67)	12.4 (26)	1,220	15.0 (25)	13.6 (23)	1,800	15.2 (71)
Hoke	1,214	11.0 (78)	5.0 (17)	4,848	8.5 (93)	8.0 (77)	16.4 (84)	2,391	17.5 (80)	17.4 (83)	3,651	29.9 (100)
Hyde	94	* *	* *	426	3.3 (2)	6.6 (49)	16.4 (84)	273	12.1 (8)	16.1 (59)	405	24.7 (97)
Iredell	2,566	9.9 (54)	6.0 (35)	9,679	4.9 (14)	5.4 (26)	14.7 (64)	5,300	17.4 (77)	15.9 (57)	9,144	2.6 (1)
Jackson	537	7.6 (7)	7.4 (78)	2,258	7.4 (82)	5.0 (20)	17.3 (93)	1,090	15.6 (35)	16.1 (59)	1,753	5.6 (11)
Johnston	2,599	8.8 (32)	5.8 (30)	9,632	5.4 (35)	9.2 (87)	12.3 (24)	4,373	14.9 (24)	16.1 (59)	7,035	12.8 (60)
Jones	223	9.9 (54)	7.6 (83)	341	6.5 (64)	13.5 (99)	9.7 (2)	158	17.1 (70)	10.8 (5)	246	12.2 (54)
Lee	1,111	10.7 (75)	6.6 (57)	5,891	5.0 (17)	5.1 (21)	14.5 (61)	2,972	17.0 (68)	16.6 (72)	4,692	23.1 (93)
Lenoir	1,332	12.7 (91)	5.3 (24)	4,786	5.1 (22)	7.6 (71)	13.5 (43)	2,363	14.6 (19)	12.7 (15)	4,242	5.5 (10)
Lincoln	1,094	9.0 (35)	6.2 (44)	3,921	6.4 (60)	9.0 (85)	11.4 (10)	2,129	10.1 (1)	10.2 (3)	3,691	9.6 (36)

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(5) Infants born during the reporting period included in the analysis.  
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(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under-weight	Obese	≥ 2 Yrs Overweight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Macon	369	9.2 (41)	5.1 (20)	922	15.6 (99)	3.8 (5)	20.5 (98)	521	16.5 (57)	18.4 (91)	574	8.0 (28)
Madison	350	5.7 (3)	6.3 (48)	412	12.4 (98)	10.2 (94)	10.2 (3)	171	16.4 (52)	8.8 (2)	305	5.2 (9)
Martin	509	14.3 (97)	4.3 (6)	2,298	5.3 (31)	5.6 (31)	14.6 (63)	1,361	14.2 (17)	14.5 (36)	1,549	11.9 (52)
Mcdowell	859	12.6 (90)	7.5 (81)	3,622	4.2 (7)	7.0 (61)	11.5 (12)	2,027	13.6 (13)	11.1 (7)	3,318	12.0 (53)
Mecklenbur	14,487	10.3 (64)	5.6 (28)	48,722	6.7 (68)	4.2 (8)	16.4 (84)	24,051	17.9 (88)	18.0 (87)	37,660	23.4 (95)
Mitchell	279	11.8 (85)	5.0 (17)	1,145	6.6 (67)	4.9 (17)	15.3 (74)	654	17.1 (70)	13.6 (23)	1,023	3.5 (3)
Montgomery	659	8.6 (28)	6.5 (55)	2,628	5.6 (42)	7.4 (67)	15.4 (78)	1,316	16.9 (66)	15.7 (54)	1,948	11.1 (48)
Moore	903	8.1 (18)	6.4 (52)	4,857	4.1 (6)	7.0 (61)	13.8 (45)	2,497	16.8 (65)	15.5 (51)	4,193	6.2 (16)
Nash	2,217	9.7 (49)	6.1 (39)	7,110	5.5 (38)	8.1 (79)	13.6 (44)	3,351	15.9 (45)	16.5 (69)	5,465	5.7 (12)
New Hanove	2,651	9.5 (48)	7.8 (87)	8,056	6.2 (55)	5.9 (35)	12.6 (27)	3,821	15.5 (32)	13.5 (21)	6,671	11.3 (49)
Northhampt	437	14.0 (96)	4.8 (14)	2,147	5.6 (42)	6.1 (39)	14.3 (57)	1,172	16.1 (47)	17.0 (76)	1,635	22.2 (92)

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  - (5) Infants born during the reporting period included in the analysis.
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  - (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
  - (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
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**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)							Anemia Low Hb/Hct (8)	
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Onslow	6,402	7.9 (12)	7.9 (88)	20,492	6.0 (54)	6.3 (42)	10.7 (5)	8,273	16.1 (47)	11.4 (9)	14,262	8.6 (31)
Orange	1,384	9.9 (54)	7.3 (74)	7,578	5.9 (50)	6.3 (42)	13.4 (42)	3,886	14.1 (16)	14.1 (30)	4,837	18.8 (84)
Pamlico	213	8.0 (14)	6.1 (39)	564	8.0 (87)	14.9(100)	11.9 (16)	258	17.1 (70)	18.2 (89)	349	19.8 (87)
Pasquotank	402	9.2 (41)	5.0 (17)	2,581	7.1 (72)	5.8 (34)	13.9 (47)	1,391	15.5 (32)	14.4 (33)	1,551	12.2 (54)
Pender	828	8.6 (28)	7.2 (70)	3,119	8.4 (92)	5.4 (26)	19.9 (97)	1,490	18.8 (95)	22.3(100)	2,650	11.8 (51)
Perquimans	214	10.3 (64)	3.7 (3)	847	7.1 (72)	6.6 (49)	17.1 (91)	479	18.2 (91)	20.3 (95)	750	12.7 (59)
Person	775	9.4 (45)	6.7 (58)	2,891	3.2 (1)	7.7 (73)	14.7 (64)	1,375	16.4 (52)	16.4 (67)	2,080	7.2 (24)
Pitt	2,988	10.0 (58)	6.3 (48)	11,506	7.1 (72)	4.7 (15)	15.8 (81)	5,775	17.7 (86)	17.1 (79)	9,685	18.7 (83)
Polk	224	8.0 (14)	7.6 (83)	1,015	6.2 (55)	6.4 (44)	14.2 (54)	518	16.6 (61)	14.5 (36)	825	24.0 (96)
Randolph	2,627	9.4 (45)	6.9 (62)	11,204	6.4 (60)	6.4 (44)	13.2 (39)	5,279	15.9 (45)	15.9 (57)	9,097	3.3 (2)
Richmond	1,233	11.8 (85)	6.2 (44)	4,422	5.1 (22)	8.6 (82)	12.1 (21)	2,489	10.7 (3)	10.8 (5)	3,984	20.8 (91)

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(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
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**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

<b>Comparison of Growth and Anemia Indicators</b> (3,4)												
<b>County</b>	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese		≥ 2 Yrs Overweight and Obese			(8)	
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Robeson	741	18.5 (99)	3.8 (4)	6,987	8.2 (91)	3.4 (1)	20.7 (99)	5,680	19.0 (96)	20.6 (96)	6,692	4.0 (5)
Rockingham	1,568	9.8 (51)	8.0 (90)	6,800	4.0 (4)	7.4 (67)	12.9 (34)	3,314	16.4 (52)	15.6 (53)	5,388	11.0 (47)
Rowan	2,483	10.6 (73)	6.2 (44)	9,692	4.8 (12)	6.6 (49)	14.0 (50)	4,845	15.0 (25)	14.0 (29)	7,592	14.6 (69)
Rutherford	1,317	10.9 (77)	9.3 (98)	5,531	5.5 (38)	5.3 (23)	15.3 (74)	2,686	15.8 (38)	14.7 (41)	4,445	18.0 (81)
Sampson	1,974	7.9 (12)	7.1 (68)	7,766	5.9 (50)	6.7 (54)	18.7 (95)	4,054	18.7 (94)	20.9 (97)	6,858	15.4 (73)
Scotland	995	13.6 (94)	6.0 (35)	4,272	7.0 (71)	6.4 (44)	14.0 (50)	2,257	14.3 (18)	13.5 (21)	3,521	17.9 (80)
Stanly	1,039	11.6 (84)	6.8 (60)	3,332	5.4 (35)	5.1 (21)	15.1 (72)	1,793	15.8 (38)	17.1 (79)	2,756	17.1 (78)
Stokes	627	10.2 (62)	8.0 (90)	2,289	6.9 (70)	5.9 (35)	11.9 (16)	1,281	16.5 (57)	13.8 (25)	2,081	13.7 (65)
Surry	1,388	8.1 (18)	8.0 (90)	2,934	8.0 (87)	11.6 (96)	12.0 (19)	1,086	16.1 (47)	17.0 (76)	4,436	4.3 (6)
Swain	224	7.6 (7)	7.6 (83)	1,060	5.9 (50)	4.9 (17)	11.1 (7)	569	15.5 (32)	12.1 (14)	919	12.2 (54)
Transylvan	383	11.0 (78)	7.6 (83)	1,591	5.7 (47)	9.2 (87)	10.9 (6)	772	17.4 (77)	14.2 (32)	1,322	5.7 (12)

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**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under-weight	Obese	≥ 2 Yrs Overweight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Tyrrell	120	10.0 (58)	5.8 (30)	647	7.1 (72)	4.9 (17)	15.6 (80)	396	13.1 (11)	13.9 (27)	572	14.3 (68)
Union	1,832	9.0 (35)	7.2 (70)	10,250	8.7 (94)	3.7 (2)	17.1 (91)	5,530	19.6 (98)	19.4 (94)	8,866	12.5 (58)
Vance	1,151	10.5 (69)	6.0 (35)	4,891	5.5 (38)	9.9 (93)	12.3 (24)	2,350	11.6 (6)	10.6 (4)	3,804	13.2 (63)
Wake	11,558	9.1 (39)	8.0 (90)	52,252	5.6 (42)	5.3 (23)	13.0 (35)	25,020	17.1 (70)	16.2 (62)	36,125	16.0 (74)
Warren	383	13.6 (94)	5.2 (22)	1,962	7.8 (86)	7.5 (70)	12.6 (27)	1,132	11.6 (6)	11.1 (7)	1,738	10.3 (40)
Washington	269	10.4 (67)	4.8 (14)	1,310	6.3 (59)	9.6 (91)	13.9 (47)	795	10.1 (1)	11.6 (10)	1,128	14.2 (66)
Watauga	415	5.5 (2)	8.2 (95)	1,845	5.4 (35)	6.4 (44)	10.2 (3)	899	17.5 (80)	11.6 (10)	1,295	7.1 (22)
Wayne Coun	2,311	8.3 (23)	8.0 (90)	9,519	4.7 (10)	8.0 (77)	12.8 (33)	4,775	15.6 (35)	15.7 (54)	7,641	13.0 (61)
Wilkes	1,136	8.7 (31)	5.8 (30)	4,650	5.7 (47)	4.2 (8)	14.8 (69)	2,688	17.6 (82)	17.3 (82)	4,269	6.1 (15)
Wilson Cou	1,727	8.5 (27)	4.7 (11)	8,230	4.7 (10)	6.1 (39)	16.3 (82)	4,081	16.2 (51)	17.0 (76)	6,817	4.9 (8)
Yadkin	666	9.2 (41)	6.3 (48)	2,889	6.2 (55)	3.7 (2)	15.3 (74)	1,641	16.6 (61)	18.2 (89)	2,634	6.2 (16)

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(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 6B**  
**2009 - 2011 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by County**  
**Children Aged < 5 Years** (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight (3,4)						Anemia Low Hb/Hct (8)		
	Low	High		Short Stature	Under- weight	Obese	≥ 2 Yrs Overweight and Obese					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Yancey	222	9.9 (54)	4.5 (9)	1,071	8.1 (90)	3.7 (2)	14.4 (60)	659	17.6 (82)	15.0 (45)	881	6.7 (20)
Unknown Counties	0	* *	* *	2	* *	* *	* *	1	* *	* *	1	* *
<b>North Carolina</b>	<b>165,558</b>	<b>9.8</b>	<b>6.6</b>	<b>626,664</b>	<b>6.0</b>	<b>6.7</b>	<b>13.8</b>	<b>313,589</b>	<b>16.1</b>	<b>15.4</b>	<b>490,960</b>	<b>13.9</b>

- (1) Reporting period is January 1 through December 31.  
(2) Analyses based on one record per child.  
(3) Excludes records with unknown data or errors.  
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.  
(5) Infants born during the reporting period included in the analysis.  
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.  
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.  
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.  
\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Alamance	3,534	58.5 (53)	2,476	22.6 (30)	2,474	18.6 (28)	0	* *	0	* *	0	* *
Alexander	898	86.0 (8)	552	21.2 (39)	547	17.0 (34)	0	* *	0	* *	0	* *
Alleghany	237	38.8 (86)	169	8.3 (84)	191	5.8 (83)	0	* *	0	* *	0	* *
Anson	719	41.2 (82)	458	9.2 (80)	512	6.8 (81)	0	* *	0	* *	0	* *
Ashe	474	66.0 (36)	321	26.8 (19)	347	21.6 (17)	0	* *	0	* *	0	* *
Avery	337	69.1 (28)	148	23.0 (29)	146	16.4 (37)	0	* *	0	* *	0	* *
Beaufort	1,600	52.8 (71)	1,069	15.3 (70)	1,056	10.2 (73)	0	* *	0	* *	0	* *
Bertie	423	30.0 (94)	292	3.1 (95)	324	0.6 (95)	0	* *	0	* *	0	* *
Bladen	945	62.1 (47)	554	38.1 (3)	627	39.9 (2)	0	* *	0	* *	0	* *
Brunswick	1,895	41.8 (80)	1,250	15.1 (73)	1,406	11.9 (60)	0	* *	0	* *	0	* *
Buncombe	4,215	78.3 (15)	1,827	29.5 (14)	1,756	23.8 (14)	0	* *	0	* *	0	* *
Burke	1,947	65.4 (39)	1,370	15.4 (69)	1,378	10.3 (72)	0	* *	0	* *	0	* *
Cabarrus	3,746	65.9 (37)	2,494	27.6 (17)	2,815	21.5 (20)	0	* *	0	* *	0	* *

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Caldwell	1,781	59.9 (50)	1,097	14.6 (76)	1,210	10.7 (68)	0	* *	0	* *	0	* *
Camden	208	19.2 (99)	146	2.7 (96)	162	0.0 (96)	0	* *	0	* *	0	* *
Carteret	1,343	64.9 (40)	723	18.8 (46)	692	14.3 (48)	0	* *	0	* *	0	* *
Caswell	445	62.0 (48)	240	10.8 (78)	293	4.8 (87)	0	* *	0	* *	0	* *
Catawba	3,334	67.9 (30)	2,181	21.5 (35)	1,910	17.8 (30)	0	* *	0	* *	0	* *
Chatham	1,500	83.2 (10)	1,167	36.0 (7)	1,156	27.3 (8)	0	* *	0	* *	0	* *
Cherokee	714	62.5 (45)	418	18.4 (47)	420	9.3 (76)	0	* *	0	* *	0	* *
Chowan	350	27.7 (95)	251	6.4 (91)	261	5.7 (84)	0	* *	0	* *	0	* *
Clay	263	67.3 (31)	169	27.2 (18)	171	16.4 (37)	0	* *	0	* *	0	* *
Cleveland	2,292	41.4 (81)	1,476	19.1 (45)	1,521	14.1 (49)	0	* *	0	* *	0	* *
Columbus	2,012	35.1 (89)	1,241	19.8 (44)	1,247	17.9 (29)	0	* *	0	* *	0	* *
Craven	3,349	39.4 (85)	2,103	15.9 (63)	2,188	12.7 (58)	0	* *	0	* *	0	* *
Cumberland	14,777	68.9 (29)	8,761	16.9 (55)	9,557	13.2 (55)	0	* *	0	* *	0	* *

(1) Reporting period is January 1 through December 31.

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Currituck	379	86.0 (8)	224	8.9 (82)	223	4.5 (89)	0	* *	0	* *	0	* *
Dare	767	98.2 (2)	410	35.9 (8)	430	24.0 (13)	0	* *	0	* *	0	* *
Davidson	3,223	82.2 (11)	2,304	18.3 (49)	2,194	14.7 (44)	0	* *	0	* *	0	* *
Davie	630	53.0 (70)	444	21.4 (38)	448	17.4 (32)	0	* *	0	* *	0	* *
Duplin	1,592	57.2 (57)	867	18.0 (52)	857	15.2 (41)	0	* *	0	* *	0	* *
Durham	6,148	65.6 (38)	4,184	26.2 (22)	4,031	20.6 (22)	0	* *	0	* *	0	* *
Edgecombe	1,342	20.3 (98)	481	8.5 (83)	463	5.2 (86)	0	* *	0	* *	0	* *
Forsyth	8,961	76.1 (16)	6,233	33.9 (10)	6,264	27.6 (6)	0	* *	0	* *	0	* *
Franklin	947	48.7 (76)	238	16.4 (61)	252	14.7 (44)	0	* *	0	* *	0	* *
Gaston	5,429	53.9 (66)	3,042	16.6 (58)	3,200	12.1 (59)	0	* *	0	* *	0	* *
Gates	196	18.9(100)	158	5.1 (92)	168	1.8 (93)	0	* *	0	* *	0	* *
Graham	217	70.5 (26)	130	21.5 (35)	159	19.5 (25)	0	* *	0	* *	0	* *
Granville	1,030	72.6 (20)	695	49.6 (1)	814	47.8 (1)	0	* *	0	* *	0	* *

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(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Greene	658	64.4 (41)	481	15.6 (66)	485	9.1 (77)	0	* *	0	* *	0	* *
Guilford	5,070	66.7 (33)	2,449	31.8 (13)	2,167	25.3 (10)	0	* *	0	* *	0	* *
Halifax	1,374	34.7 (90)	927	7.8 (86)	1,077	5.6 (85)	0	* *	0	* *	0	* *
Harnett	2,276	54.3 (64)	1,502	15.3 (70)	1,501	11.3 (63)	0	* *	0	* *	0	* *
Haywood	1,051	55.0 (61)	738	6.5 (90)	752	3.6 (91)	0	* *	0	* *	0	* *
Henderson	1,369	86.3 (7)	1,080	36.8 (5)	1,035	27.2 (9)	0	* *	0	* *	0	* *
Hertford	600	33.7 (91)	407	9.3 (79)	479	7.7 (79)	0	* *	0	* *	0	* *
Hoke	1,318	62.7 (44)	822	22.0 (33)	939	17.6 (31)	0	* *	0	* *	0	* *
Hyde	140	44.3 (77)	83	* *	90	* *	0	* *	0	* *	0	* *
Iredell	2,927	66.6 (35)	1,956	20.8 (41)	2,275	15.6 (40)	0	* *	0	* *	0	* *
Jackson	640	57.3 (55)	464	25.9 (23)	477	21.6 (17)	0	* *	0	* *	0	* *
Johnston	3,193	54.5 (63)	1,869	23.1 (27)	2,051	20.5 (23)	0	* *	0	* *	0	* *
Jones	254	59.4 (52)	65	* *	66	* *	0	* *	0	* *	0	* *

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

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**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Lee	1,709	53.2 (69)	1,231	23.1 (27)	1,222	16.5 (36)	0	* *	0	* *	0	* *
Lenoir	1,947	54.3 (64)	1,106	15.3 (70)	946	10.5 (70)	0	* *	0	* *	0	* *
Lincoln	1,449	66.9 (32)	769	16.6 (58)	797	10.9 (67)	0	* *	0	* *	0	* *
Macon	505	71.1 (22)	179	21.2 (39)	146	13.7 (52)	0	* *	0	* *	0	* *
Madison	386	75.1 (18)	105	33.3 (11)	79	* *	0	* *	0	* *	0	* *
Martin	587	37.0 (87)	403	3.5 (94)	495	2.2 (92)	0	* *	0	* *	0	* *
Mcdowell	1,043	62.3 (46)	707	20.7 (42)	739	14.6 (47)	0	* *	0	* *	0	* *
Mecklenbur	18,288	58.4 (54)	12,137	24.7 (25)	12,468	21.1 (21)	0	* *	0	* *	0	* *
Mitchell	395	69.6 (27)	259	32.4 (12)	273	24.5 (12)	0	* *	0	* *	0	* *
Montgomery	696	71.1 (22)	391	21.5 (35)	414	16.9 (35)	0	* *	0	* *	0	* *
Moore	1,223	62.8 (43)	908	15.5 (68)	933	11.5 (62)	0	* *	0	* *	0	* *
Nash	2,837	53.3 (68)	1,621	16.2 (62)	1,869	13.1 (56)	0	* *	0	* *	0	* *
New Hanove	3,227	66.7 (33)	2,070	22.6 (30)	2,165	15.0 (42)	0	* *	0	* *	0	* *

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(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
County	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% Breastfed At Least 3 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Northhampt	481	35.8 (88)	353	7.1 (87)	410	5.9 (82)	0	* *	0	* *	0	* *
Onslow	7,792	55.8 (58)	4,553	16.9 (55)	4,382	11.9 (60)	0	* *	0	* *	0	* *
Orange	1,877	73.7 (19)	1,402	36.6 (6)	1,470	28.7 (5)	0	* *	0	* *	0	* *
Pamlico	238	54.6 (62)	88	* *	71	* *	0	* *	0	* *	0	* *
Pasquotank	675	24.4 (97)	552	4.2 (93)	558	1.3 (94)	0	* *	0	* *	0	* *
Pender	1,030	55.7 (59)	708	18.1 (50)	737	14.7 (44)	0	* *	0	* *	0	* *
Perquimans	243	89.7 (4)	139	7.9 (85)	149	10.1 (75)	0	* *	0	* *	0	* *
Person	959	50.9 (74)	584	15.6 (66)	597	10.6 (69)	0	* *	0	* *	0	* *
Pitt	3,379	52.3 (72)	2,310	18.4 (47)	2,307	14.8 (43)	0	* *	0	* *	0	* *
Polk	276	81.9 (12)	189	24.9 (24)	195	20.0 (24)	0	* *	0	* *	0	* *
Randolph	3,766	64.3 (42)	2,376	20.6 (43)	2,249	13.5 (53)	0	* *	0	* *	0	* *
Richmond	1,718	33.1 (92)	927	9.2 (80)	871	7.6 (80)	0	* *	0	* *	0	* *
Robeson	911	42.6 (78)	526	16.7 (57)	542	13.8 (51)	0	* *	0	* *	0	* *

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(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

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(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
County	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Rockingham	1,744	49.9 (75)	1,182	15.7 (64)	1,277	11.0 (66)	0	* *	0	* *
Rowan	3,586	55.5 (60)	2,162	14.2 (77)	2,341	8.4 (78)	0	* *	0	* *
Rutherford	1,529	75.4 (17)	1,006	17.9 (53)	1,058	12.9 (57)	0	* *	0	* *
Sampson	2,226	42.1 (79)	1,526	22.1 (32)	1,604	19.1 (26)	0	* *	0	* *
Scotland	1,156	30.2 (93)	832	6.7 (88)	885	4.4 (90)	0	* *	0	* *
Stanly	1,125	70.7 (24)	718	14.9 (74)	792	11.2 (64)	0	* *	0	* *
Stokes	750	53.6 (67)	480	14.8 (75)	543	11.2 (64)	0	* *	0	* *
Surry	1,552	57.3 (55)	1,048	22.0 (33)	1,120	17.3 (33)	0	* *	0	* *
Swain	345	98.3 (1)	267	28.8 (16)	232	21.6 (17)	0	* *	0	* *
Transylvan	460	91.3 (3)	321	38.6 (2)	315	33.7 (3)	0	* *	0	* *
Tyrrell	152	59.9 (50)	93	* *	114	10.5 (70)	0	* *	0	* *
Union	2,630	70.6 (25)	2,002	26.6 (20)	2,126	22.3 (16)	0	* *	0	* *
Vance	1,308	39.6 (84)	901	23.5 (26)	1,005	23.4 (15)	0	* *	0	* *

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

\* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



**Table 7B**  
**2009 - 2011 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County**  
**Children Aged < 5 Years (3)**

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
County	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Wake	14,327	87.9 (5)	9,343	34.4 (9)	9,649	24.9 (11)	0	* *	0	* *
Warren	522	51.5 (73)	378	17.7 (54)	425	13.4 (54)	0	* *	0	* *
Washington	340	26.8 (96)	238	6.7 (88)	277	4.7 (88)	0	* *	0	* *
Watauga	526	81.7 (13)	381	38.1 (3)	364	28.8 (4)	0	* *	0	* *
Wayne Coun	2,804	71.6 (21)	1,773	15.7 (64)	1,945	10.2 (73)	0	* *	0	* *
Wilkes	1,430	61.6 (49)	979	16.6 (58)	1,021	13.9 (50)	0	* *	0	* *
Wilson Cou	2,279	40.9 (83)	1,621	18.1 (50)	1,790	15.8 (39)	0	* *	0	* *
Yadkin	769	81.0 (14)	585	26.3 (21)	614	18.9 (27)	0	* *	0	* *
Yancey	297	87.9 (5)	206	29.1 (15)	223	27.4 (7)	0	* *	0	* *
<b>North Carolina</b>	<b>204,563</b>	<b>62.4</b>	<b>129,841</b>	<b>22.2</b>	<b>134,068</b>	<b>17.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>

(1) Reporting period is January 1 through December 31.

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