

**Table 1C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Demographic Indicators**  
**Children Aged 5 to <20 Years** (2,3)

Total Records	Number
Individual Children	12,964
Total Records (All Visits)	18,733

Source of Data	Number	%
EPSDT	0	0.0
Child Health-MCH	12,964	100.0
Child Health-HMO	0	0.0
Headstart	0	0.0
School Health	0	0.0
Other	0	0.0
<b>Total</b>	<b>12,964</b>	<b>100.0</b>
<i>Excluded Unknown:</i> 0 0.0 %		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	4,300	33.4
Black, Not Hispanic	3,919	30.4
Hispanic	4,099	31.8
American Indian/Alaskan Native	367	2.9
Asian/Pacific Islander	190	1.5
Multiple Races	0	0.0
All Other	0	0.0
<b>Total</b>	<b>12,875</b>	<b>100.0</b>
<i>Excluded Unknown:</i> 89 * %		

Age Distribution (4)	Number	%
5 - 11 Years	9,006	69.5
12 - 19 Years	3,958	30.5
<b>Total</b>	<b>12,964</b>	<b>100.0</b>

% of Poverty Level	Number	%
0-50	0	0.0
51-100	0	0.0
101-130	0	0.0
131-150	0	0.0
151-185	0	0.0
186-200	0	0.0
Over 200	0	0.0
Adjunctive Eligibility	0	0.0
<b>Total</b>	<b>0</b>	<b>0.0</b>
<i>Excluded Unknown:</i> 12,964 100.0 %		

Program Participation	Number	%
WIC	0	0.0
Food Stamps	0	0.0
Medicaid	0	0.0
TANF	0	0.0
<i>Excluded Unknown:</i>		
WIC	12,964	100.0
FoodStamps	12,964	100.0
Medicaid	12,964	100.0
TANF	12,964	100.0

Migrant Status	Number	%
Yes	0	0.0
No	0	0.0
<b>Total</b>	<b>0</b>	<b>0.0</b>
<i>Excluded Unknown:</i> 12,964 100.0 %		

(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 2C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Health Indicators**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Summary of Health Indicators</b> <sup>(3)</sup>					
		North Carolina Prevalence		National Prevalence (Prior Year)	
		Number	%	Number	%
Height and Weight					
Short Stature <sup>(4)</sup>	< 5th	9,893	6.7	0	*
Underweight <sup>(5)</sup>	< 5th	9,893	2.1	0	*
Overweight <sup>(5)</sup>	85th - < 95th	9,893	18.6	0	*
	≥ 95th	9,893	25.7	0	*
Anemia <sup>(6)</sup>					
Low Hb		2,590	11.8	0	*
Low Hct		751	9.9	0	*
Low Hb/Hct		3,340	11.4	0	*
Smoking in Household		0	*	0	*
≤2 Hours TV Viewing/Day <sup>(7)</sup>		0	*	0	*

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - <95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

(7) Children aged 2 years and older included in the analysis.

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

**Table 4C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Comparison of Racial and Ethnic Distribution by Contributor**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Comparison of Racial and Ethnic Distribution by Contributor</b>								
<b>Contributor</b>	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
<b>North Carolina</b>	<b>12,964</b>	<b>33.2</b>	<b>30.2</b>	<b>31.6</b>	<b>2.8</b>	<b>1.5</b>	<b>0.0</b>	<b>0.7</b>

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

(2) Analyses based on one record per child.

(3) Excludes records with errors.

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

**Table 5C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Age Distribution by Contributor**  
**Children Aged 5 to <20 Years** (2)

<b>Comparison of Age Distribution by Contributor</b>			
<b>Contributor</b>	Number Included in Analysis (3,4)	5 -11 Years %	12 - 19 Years %
<b>North Carolina</b>	<b>12,964</b>	<b>69.5</b>	<b>30.5</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 6C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Growth and Anemia Indicators by Contributor**  
**Children Aged 5 to <20 Years** (2)

Comparison of Growth and Anemia Indicators by Contributor (3)							
Contributor	Height and Weight					Anemia Low Hb/Hct (6)	
	Short Stature (4)	Under- weight (5)	Over- weight (5)				
	Number	% <5th	% <5th	% 85th- <95th	% ≥95th	Number	%
<b>North Carolina</b>	<b>9,893</b>	<b>6.7</b>	<b>2.1</b>	<b>18.6</b>	<b>25.7</b>	<b>3,340</b>	<b>11.4</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) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.

(5) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) 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 8C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Growth and Anemia Indicators by Race/Ethnicity or Age**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Growth and Anemia Indicators by Race/Ethnicity or Age</b> <sup>(3)</sup>							
	Height and Weight					Anemia Low Hb/Hct  (6)	
	Short Stature (4)		Under- weight (5)		Over- weight (5)		
	Number	%	%	%	%	Number	%
	<5th	<5th	85th-<95th	≥95th			
<b>Race/Ethnicity</b>							
White, Not Hispanic	3,136	6.8	2.5	17.8	23.0	1,007	8.1
Black, Not Hispanic	3,082	3.6	1.7	17.9	24.6	1,054	18.7
Hispanic	3,113	9.3	1.7	20.6	30.2	1,132	7.9
American Indian/Alaskan Native	314	4.5	3.8	16.2	23.2	104	7.7
Asian/Pacific Islander	166	19.3	4.2	14.5	13.9	22	*
Multiple Races	0	*	*	*	*	0	*
All Other	82	*	*	*	*	21	*
<b>Total</b>	<b>9,893</b>	<b>6.7</b>	<b>2.1</b>	<b>18.6</b>	<b>25.7</b>	<b>3,340</b>	<b>11.4</b>
<b>Age</b>							
5 - 11 Years	7,029	6.1	2.1	18.7	24.9	2,596	11.5
12 - 19 Years	2,864	8.3	1.8	18.3	27.7	744	11.0
<b>Total</b>	<b>9,893</b>	<b>6.7</b>	<b>2.1</b>	<b>18.6</b>	<b>25.7</b>	<b>3,340</b>	<b>11.4</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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 10C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Racial and Ethnic Distribution**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Summary of Trends in Racial and Ethnic Distribution</b>								
Year	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
2008	12,964	33.2	30.2	31.6	2.8	1.5	0.0	0.7
2007	13,078	34.6	29.4	31.5	3.1	1.0	0.0	0.4
2006	0	*	*	*	*	*	*	*
2005	12,353	37.6	32.5	25.9	2.9	1.1	0.0	0.1
2004	11,221	34.0	36.5	24.3	4.0	1.2	0.0	0.0
2003	11,890	35.4	36.9	21.5	5.2	0.9	0.0	0.0
2002	13,488	38.7	37.2	19.2	4.1	0.8	0.0	0.0
2001	14,227	41.2	39.0	16.7	2.5	0.7	0.0	0.0
2000	15,107	44.8	38.8	13.2	2.3	0.9	0.0	0.0
1999	24,126	46.2	40.6	10.5	1.7	0.9	0.0	0.0
1998	26,835	48.1	41.3	7.9	1.5	1.1	0.0	0.0
1997	30,375	47.4	42.9	6.7	1.2	1.9	0.0	0.0
1996	27,526	51.7	43.5	0.0	1.2	0.0	0.0	3.6
1995	19,503	52.3	43.0	0.0	1.3	0.0	0.0	3.3
1994	28,234	49.8	46.0	0.0	1.3	0.0	0.0	3.0
1993	1,423	46.7	50.7	0.0	0.3	0.0	0.0	2.3
1992	6,469	53.2	42.3	0.0	2.4	0.0	0.0	2.0
1991	8,500	52.7	43.0	0.0	2.4	0.0	0.0	1.9
1990	8,582	50.1	46.1	0.0	2.1	0.0	0.0	1.7

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

(2) Analyses based on one record per child.

(3) Excludes records with errors.

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

**Table 10C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Racial and Ethnic Distribution**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Summary of Trends in Racial and Ethnic Distribution</b>								
Year	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
1989	9,479	50.5	46.7	0.0	1.4	0.0	0.0	1.4
1988	11,620	51.1	46.1	0.0	1.5	0.0	0.0	1.2
1987	11,671	44.4	52.9	0.0	1.3	0.0	0.0	1.4
1986	2,738	30.8	66.7	0.0	1.5	0.6	0.0	0.4
1985	27	*	*	*	*	*	*	*
1984	3,351	29.1	67.8	0.5	1.2	1.2	0.0	0.3
1983	6,592	31.9	64.1	0.3	1.7	1.9	0.0	0.1
1982	6,404	28.4	67.9	0.3	2.0	1.1	0.0	0.3
1981	5,701	21.2	75.7	0.4	1.6	1.0	0.0	0.1
1980	2,156	20.3	75.9	0.2	1.2	2.0	0.0	0.4
1979	2	*	*	*	*	*	*	*

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(2) Analyses based on one record per child.

(3) Excludes records with errors.

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**Table 11C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Age Distribution**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Summary of Trends in Age Distribution</b> <sup>(3)</sup>			
Year	Number Included in Analysis (4)	5 - 11 Years  %	12 - 19 Years  %
2008	12,964	69.5	30.5
2007	13,078	70.0	30.0
2006	0	*	*
2005	12,353	68.3	31.7
2004	11,221	69.9	30.1
2003	11,890	68.0	32.0
2002	13,488	69.3	30.7
2001	14,227	72.4	27.6
2000	15,107	69.6	30.4
1999	24,126	70.0	30.0
1998	26,835	74.8	25.2
1997	30,375	76.9	23.1
1996	27,526	78.0	22.0
1995	19,503	77.8	22.2
1994	28,234	82.8	17.2
1993	1,423	17.0	83.0
1992	6,469	25.8	74.2
1991	8,500	37.0	63.0

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**Table 11C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Age Distribution**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Summary of Trends in Age Distribution</b> <sup>(3)</sup>			
Year	Number Included in Analysis (4)	5 - 11 Years  %	12 - 19 Years  %
1990	8,582	49.7	50.3
1989	9,479	56.9	43.1
1988	11,620	62.2	37.8
1987	11,671	71.6	28.4
1986	2,738	72.2	27.8
1985	27	*	*
1984	3,351	68.2	31.8
1983	6,592	71.0	29.0
1982	6,404	70.9	29.1
1981	5,701	69.1	30.9
1980	2,156	65.6	34.4
1979	2	*	*

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

(2) Analyses based on one record per child.

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

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**Table 12C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Growth and Anemia Indicators**  
**Children Aged 5 to <20 Years** (2)

<b>Summary of Trends in Growth and Anemia Indicators</b> (3)							
Year	Height and Weight					Anemia Low Hb/Hct	
	Short Stature (4)		Under- weight (5)	Over- weight (5)		(6)	
	Number	% <5th	% <5th	% 85th-<95th	% ≥95th	Number	%
2008	9,893	6.7	2.1	18.6	25.7	3,340	11.4
2007	10,035	6.6	2.2	18.1	24.8	3,423	11.9
2006	0	*	*	*	*	0	*
2005	9,639	6.7	2.2	18.9	25.2	3,489	11.4
2004	9,838	6.3	2.2	18.8	24.6	3,765	11.2
2003	10,017	5.8	2.3	17.9	23.3	3,915	11.7
2002	11,102	6.3	2.6	18.1	22.2	4,880	10.6
2001	1	*	*	*	*	5,600	10.0
2000	13,371	6.6	2.4	17.5	21.4	6,759	11.9
1999	22,374	5.6	2.9	16.6	19.9	14,318	10.6

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

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(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 12C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Growth and Anemia Indicators**  
**Children Aged 5 to <20 Years** (2)

<b>Summary of Trends in Growth and Anemia Indicators</b> (3)							
Year	Height and Weight					Anemia Low Hb/Hct	
	Short Stature (4)		Under- weight (5)	Over- weight (5)		(6)	
	Number	% <5th	% <5th	% 85th-<95th	% ≥95th	Number	%
1998	25,338	6.4	3.1	16.6	18.5	16,958	11.1
1997	29,338	7.1	3.1	17.2	17.5	20,664	11.3
1996	26,548	7.5	3.1	16.3	17.2	18,605	10.2
1995	19,000	6.5	3.3	15.8	16.5	12,711	11.3
1994	27,746	5.5	3.2	15.5	15.2	19,426	10.9
1993	1,363	7.6	2.6	17.1	18.5	642	16.0
1992	6,203	6.6	2.7	16.5	17.9	3,394	9.9
1991	8,152	7.1	3.2	16.3	17.9	4,818	10.9
1990	8,166	6.9	3.1	16.6	17.0	5,732	12.0
1989	9,153	6.6	2.9	15.3	16.2	7,308	13.4

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(4) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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**Table 12C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Growth and Anemia Indicators**  
**Children Aged 5 to <20 Years** (2)

<b>Summary of Trends in Growth and Anemia Indicators</b> (3)							
Year	Height and Weight					Anemia Low Hb/Hct	
	Short Stature (4)		Under- weight (5)	Over- weight (5)		(6)	
	Number	% <5th	% <5th	% 85th-<95th	% ≥95th	Number	%
1988	11,233	6.3	2.8	15.3	15.4	9,137	11.5
1987	11,329	6.4	3.3	14.0	13.3	9,009	11.8
1986	2,616	7.1	3.8	14.2	11.8	2,019	10.5
1985	27	*	*	*	*	19	*
1984	3,305	6.7	4.8	12.0	9.2	2,285	12.1
1983	6,484	6.6	5.1	11.7	8.7	4,807	11.0
1982	6,275	6.1	5.1	11.7	7.1	4,709	15.7
1981	5,459	6.6	4.6	11.8	6.8	4,859	19.8
1980	1,935	6.9	4.9	10.0	6.3	1,918	22.0
1979	2	*	*	*	*	1	*

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 16C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Growth Indicators by Race/Ethnicity and Age**  
**Children Aged 5 to <20 Years** (2)

<b>Growth Indicators by Race/Ethnicity and Age</b> (3)							
	Short Stature (4)		Underweight (5)		Overweight (5)		
	Number	% <5th	Number	% <5th	Number	% 85th - <95th	% ≥95th
<b>White, Not Hispanic</b>							
5 - 11 Years	2,057	7.1	2,057	2.5	2,057	17.3	21.1
12 - 19 Years	1,079	6.0	1,079	2.3	1,079	18.8	26.7
<b>Total</b>	<b>3,136</b>	<b>6.8</b>	<b>3,136</b>	<b>2.5</b>	<b>3,136</b>	<b>17.8</b>	<b>23.0</b>
<b>Black, Not Hispanic</b>							
5 - 11 Years	2,054	2.9	2,054	2.0	2,054	18.1	22.7
12 - 19 Years	1,028	4.9	1,028	1.0	1,028	17.6	28.4
<b>Total</b>	<b>3,082</b>	<b>3.6</b>	<b>3,082</b>	<b>1.7</b>	<b>3,082</b>	<b>17.9</b>	<b>24.6</b>
<b>Hispanic</b>							
5 - 11 Years	2,543	7.6	2,543	1.7	2,543	20.7	30.4
12 - 19 Years	570	16.5	570	1.8	570	20.2	29.3
<b>Total</b>	<b>3,113</b>	<b>9.3</b>	<b>3,113</b>	<b>1.7</b>	<b>3,113</b>	<b>20.6</b>	<b>30.2</b>
<b>American Indian/Alaskan Native</b>							
5 - 11 Years	219	3.2	219	5.0	219	15.5	21.5
12 - 19 Years	95	*	95	*	95	*	*
<b>Total</b>	<b>314</b>	<b>4.5</b>	<b>314</b>	<b>3.8</b>	<b>314</b>	<b>16.2</b>	<b>23.2</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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

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

**Table 16C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Growth Indicators by Race/Ethnicity and Age**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Growth Indicators by Race/Ethnicity and Age</b> <sup>(3)</sup>							
	Short Stature (4)		Underweight (5)		Overweight (5)		
	Number	% <5th	Number	% <5th	Number	% 85th - <95th	% ≥95th
Asian/Pacific Islander							
5 - 11 Years	106	14.2	106	1.9	106	17.9	13.2
12 - 19 Years	60	*	60	*	60	*	*
<b>Total</b>	<b>166</b>	<b>19.3</b>	<b>166</b>	<b>4.2</b>	<b>166</b>	<b>14.5</b>	<b>13.9</b>
Multiple Races							
5 - 11 Years	0	*	0	*	0	*	*
12 - 19 Years	0	*	0	*	0	*	*
<b>Total</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>*</b>
All Other/Unknown							
5 - 11 Years	50	*	50	*	50	*	*
12 - 19 Years	32	*	32	*	32	*	*
<b>Total</b>	<b>82</b>	<b>*</b>	<b>82</b>	<b>*</b>	<b>82</b>	<b>*</b>	<b>*</b>
Total All Race/Ethnic Groups							
5 - 11 Years	7,029	6.1	7,029	2.1	7,029	18.7	24.9
12 - 19 Years	2,864	8.3	2,864	1.8	2,864	18.3	27.7
<b>Total</b>	<b>9,893</b>	<b>6.7</b>	<b>9,893</b>	<b>2.1</b>	<b>9,893</b>	<b>18.6</b>	<b>25.7</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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

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

**Table 17C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Anemia Indicators by Race/Ethnicity and Age**  
**Children Aged 5 to <20 Years** (2)

<b>Anemia Indicators by Race/Ethnicity and Age</b> (3, 4)					
	Anemia Low Hb/Hct			Anemia Low Hb/Hct	
	Number	%		Number	%
<b>White, Not Hispanic</b>			<b>Asian/Pacific Islander</b>		
5 - 7 Years	616	8.4	5 - 7 Years	15	*
8 - 11 Years	165	10.3	8 - 11 Years	5	*
12 - 14 Years - Boys	69	*	12 - 14 Years - Boys	0	*
12 - 14 Years - Girls	70	*	12 - 14 Years - Girls	2	*
15 - 19 Years - Boys	44	*	15 - 19 Years - Boys	0	*
15 - 19 Years - Girls	43	*	15 - 19 Years - Girls	0	*
<b>Total</b>	<b>1,007</b>	<b>8.1</b>	<b>Total</b>	<b>22</b>	<b>*</b>
<b>Black, Not Hispanic</b>			<b>Multiple Races</b>		
5 - 7 Years	559	18.1	5 - 7 Years	0	*
8 - 11 Years	191	23.6	8 - 11 Years	0	*
12 - 14 Years - Boys	90	*	12 - 14 Years - Boys	0	*
12 - 14 Years - Girls	101	8.9	12 - 14 Years - Girls	0	*
15 - 19 Years - Boys	57	*	15 - 19 Years - Boys	0	*
15 - 19 Years - Girls	56	*	15 - 19 Years - Girls	0	*
<b>Total</b>	<b>1,054</b>	<b>18.7</b>	<b>Total</b>	<b>0</b>	<b>*</b>
<b>Hispanic</b>			<b>All Other/Unknown</b>		
5 - 7 Years	692	8.7	5 - 7 Years	16	*
8 - 11 Years	260	5.0	8 - 11 Years	3	*
12 - 14 Years - Boys	50	*	12 - 14 Years - Boys	0	*
12 - 14 Years - Girls	84	*	12 - 14 Years - Girls	2	*
15 - 19 Years - Boys	23	*	15 - 19 Years - Boys	0	*
15 - 19 Years - Girls	23	*	15 - 19 Years - Girls	0	*
<b>Total</b>	<b>1,132</b>	<b>7.9</b>	<b>Total</b>	<b>21</b>	<b>*</b>
<b>American Indian/Alaskan Native</b>			<b>Total All Race/Ethnic Groups</b>		
5 - 7 Years	58	*	5 - 7 Years	1,956	11.2
8 - 11 Years	16	*	8 - 11 Years	640	12.3
12 - 14 Years - Boys	10	*	12 - 14 Years - Boys	219	13.7
12 - 14 Years - Girls	8	*	12 - 14 Years - Girls	267	7.5
15 - 19 Years - Boys	6	*	15 - 19 Years - Boys	130	10.8
15 - 19 Years - Girls	6	*	15 - 19 Years - Girls	128	14.1
<b>Total</b>	<b>104</b>	<b>7.7</b>	<b>Total</b>	<b>3,340</b>	<b>11.4</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) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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



**Table 18C**  
**2008 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity**  
**Children Aged 5 to <20 Years (2)**

<b>Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity (3)</b>								
Race/Ethnicity and Year		Height and Weight					Anemia Low Hb/Hct (6)	
		Short Stature (4)	Under- weight (5)	Over- weight (5)				
		Number	% <5th	% <5th	% 85th- <95th	% ≥95th	Number	%
White, Not Hispanic	2008	3,136	6.8	2.5	17.8	23.0	1,007	8.1
	2007	3,164	7.0	2.8	16.5	22.5	958	8.4
	2006	0	*	*	*	*	0	*
	2005	3,365	6.7	2.1	19.3	22.9	1,047	5.8
	2004	3,394	6.4	2.3	19.0	23.3	1,098	6.5
	2003	3,587	5.9	2.4	17.8	21.0	1,217	5.8
	2002	4,349	7.0	3.1	18.1	20.4	1,677	5.1
	2001	0	*	*	*	*	1,960	5.8
	2000	5,908	6.9	2.7	17.0	19.3	2,473	5.6
	1999	10,278	6.0	3.2	15.9	19.3	5,724	6.0
Black, Not Hispanic	2008	3,082	3.6	1.7	17.9	24.6	1,054	18.7
	2007	3,126	3.8	1.9	17.9	23.4	1,113	19.3
	2006	0	*	*	*	*	0	*
	2005	3,344	4.5	2.4	18.4	25.4	1,300	18.1
	2004	3,598	3.8	2.4	18.9	24.3	1,483	18.7
	2003	3,775	3.8	2.4	17.5	24.2	1,587	18.5
	2002	4,247	3.4	2.1	17.2	23.4	1,982	17.1
	2001	0	*	*	*	*	2,396	16.4
	2000	5,318	3.8	2.1	18.0	24.0	3,134	18.2
	1999	9,056	3.9	2.8	16.9	20.5	6,513	16.0

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 18C**  
**2008 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity**  
**Children Aged 5 to <20 Years (2)**

<b>Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity (3)</b>								
Race/Ethnicity and Year		Height and Weight					Anemia Low Hb/Hct (6)	
		Short Stature (4)	Under- weight (5)	Over- weight (5)				
		Number	% <5th	% <5th	% 85th- <95th	% ≥95th	Number	%
Hispanic	2008	3,113	9.3	1.7	20.6	30.2	1,132	7.9
	2007	3,222	8.5	1.3	19.8	29.4	1,196	8.4
	2006	0	*	*	*	*	0	*
	2005	2,520	9.5	1.6	20.0	29.0	983	8.5
	2004	2,391	10.2	1.4	18.9	27.6	981	6.2
	2003	2,070	9.6	1.5	19.4	25.5	910	8.6
	2002	1,967	10.8	2.1	19.1	23.5	1,015	7.7
	2001	1	*	*	*	*	1,056	4.6
	2000	1,727	13.4	1.9	18.3	20.6	964	6.6
	1999	2,464	10.2	2.2	19.4	20.2	1,698	5.5
American Indian/Alaskan Native	2008	314	4.5	3.8	16.2	23.2	104	7.7
	2007	348	3.4	5.5	18.7	21.0	123	4.1
	2006	0	*	*	*	*	0	*
	2005	280	3.9	5.0	13.2	19.3	125	11.2
	2004	323	3.7	3.7	17.6	22.6	154	5.8
	2003	493	3.9	3.4	16.2	23.7	165	7.9
	2002	449	7.3	2.7	19.8	23.8	163	7.4
	2001	0	*	*	*	*	146	3.4
	2000	286	6.6	3.1	12.6	23.8	132	20.5
	1999	359	6.7	5.6	10.6	22.8	228	13.2

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 18C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**

**Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity**  
**Children Aged 5 to <20 Years** (2)

<b>Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity</b> (3)								
Race/Ethnicity and Year		Height and Weight					Anemia Low Hb/Hct (6)	
		Short Stature (4)	Under- weight (5)	Over- weight (5)				
		Number	% <5th	% <5th	% 85th- <95th	% ≥95th		
Asian/Pacific Islander	2008	166	19.3	4.2	14.5	13.9	22	*
	2007	131	21.4	3.8	19.1	13.0	24	*
	2006	0	*	*	*	*	0	*
	2005	119	13.4	2.5	16.8	19.3	33	*
	2004	132	10.6	5.3	13.6	19.7	49	*
	2003	92	*	*	*	*	36	*
	2002	90	*	*	*	*	43	*
	2001	0	*	*	*	*	42	*
	2000	132	10.6	4.5	15.9	20.5	56	*
	1999	217	8.8	4.6	18.0	14.7	155	8.4
Multiple Races	2008	0	*	*	*	*	0	*
	2007	0	*	*	*	*	0	*
	2006	0	*	*	*	*	0	*
	2005	0	*	*	*	*	0	*
	2004	0	*	*	*	*	0	*
	2003	0	*	*	*	*	0	*
	2002	0	*	*	*	*	0	*
	2001	0	*	*	*	*	0	*
	2000	0	*	*	*	*	0	*
	1999	0	*	*	*	*	0	*

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 18C**  
**2008 Pediatric Nutrition Surveillance (1)**  
**North Carolina**

**Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity**  
**Children Aged 5 to <20 Years (2)**

<b>Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity (3)</b>									
Race/Ethnicity and Year		Height and Weight					Anemia Low Hb/Hct (6)		
		Short Stature (4)		Under-weight (5)		Over-weight (5)			
		Number	% <5th	% <5th	% 85th- <95th	% ≥95th			Number
All Other/Unknown	2008	82	*	*	*	*	21	*	
	2007	44	*	*	*	*	9	*	
	2006	0	*	*	*	*	0	*	
	2005	11	*	*	*	*	1	*	
	2004	0	*	*	*	*	0	*	
	2003	0	*	*	*	*	0	*	
	2002	0	*	*	*	*	0	*	
	2001	0	*	*	*	*	0	*	
	2000	0	*	*	*	*	0	*	
	1999	0	*	*	*	*	0	*	
Total All Race/Ethnic Groups	2008	9,893	6.7	2.1	18.6	25.7	3,340	11.4	
	2007	10,035	6.6	2.2	18.1	24.8	3,423	11.9	
	2006	0	*	*	*	*	0	*	
	2005	9,639	6.7	2.2	18.9	25.2	3,489	11.4	
	2004	9,838	6.3	2.2	18.8	24.6	3,765	11.2	
	2003	10,017	5.8	2.3	17.9	23.3	3,915	11.7	
	2002	11,102	6.3	2.6	18.1	22.2	4,880	10.6	
	2001	1	*	*	*	*	5,600	10.0	
	2000	13,371	6.6	2.4	17.5	21.4	6,759	11.9	
	1999	22,374	5.6	2.9	16.6	19.9	14,318	10.6	

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(6) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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

**Table 20C**  
**2008 Pediatric Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Growth Indicators by Age**  
**Children Aged 5 to <20 Years** <sup>(2)</sup>

<b>Summary of Trends in Growth Indicators by Age</b> <sup>(3)</sup>												
Age and Year *	Height and Weight						Age and Year *	Height and Weight				
	Short Stature (4)	Under- weight (5)	Over- weight (5)		Short Stature (4)			Under- weight (5)	Over- weight (5)			
	Number	%	%	%	Number			%	%	%		
	<5th	<5th	85th-<95th	≥95th		<5th	<5th	85th-<95th	≥95th			
<b>5 - 11 Years</b>						<b>Total All Age Groups</b>						
2008	7,029	6.1	2.1	18.7	24.9	2008	9,893	6.7	2.1	18.6	25.7	
2007	7,215	6.2	2.3	17.9	23.4	2007	10,035	6.6	2.2	18.1	24.8	
2006	0	*	*	*	*	2006	0	*	*	*	*	
2005	6,733	6.2	2.6	18.6	24.5	2005	9,639	6.7	2.2	18.9	25.2	
2004	6,911	5.9	2.6	18.1	23.6	2004	9,838	6.3	2.2	18.8	24.6	
2003	6,855	5.7	2.7	17.7	22.0	2003	10,017	5.8	2.3	17.9	23.3	
2002	7,722	6.4	3.0	17.8	21.0	2002	11,102	6.3	2.6	18.1	22.2	
2001	1	*	*	*	*	2001	1	*	*	*	*	
2000	9,331	6.5	2.7	17.1	20.1	2000	13,371	6.6	2.4	17.5	21.4	
1999	16,189	5.6	3.2	16.6	18.1	1999	22,374	5.6	2.9	16.6	19.9	
<b>12 - 19 Years</b>												
2008	2,864	8.3	1.8	18.3	27.7							
2007	2,820	7.4	1.7	18.5	28.4							
2006	0	*	*	*	*							
2005	2,906	7.9	1.2	19.8	26.8							
2004	2,927	7.2	1.2	20.6	27.2							
2003	3,162	6.1	1.5	18.6	26.0							
2002	3,380	6.1	1.6	18.5	25.1							
2001	0	*	*	*	*							
2000	4,040	6.7	1.7	18.3	24.5							
1999	6,185	5.8	2.3	16.8	24.6							

(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) Based on 2000 CDC growth chart percentiles for height-for-age.

(5) Based on 2000 CDC growth chart percentiles for BMI-for-age. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

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

**Table 21C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Anemia by Age**  
**Children Aged 5 to <20 Years** (2)

<b>Summary of Trends in Anemia by Age</b> (3)													
Age and Year		Anemia Low Hb/Hct (4)						Age and Year		Anemia Low Hb/Hct (4)			
		Number	%					Number	%				
5 - 7 Years		2008	1,956	11.2					12 - 14 Years - Boys		2008	219	13.7
		2007	2,121	11.3							2007	187	11.8
		2006	0	*							2006	0	*
		2005	2,142	10.2							2005	258	14.3
		2004	2,289	10.7							2004	243	17.7
		2003	2,288	11.2							2003	271	15.5
		2002	2,759	9.6							2002	340	12.1
		2001	3,281	8.9							2001	374	12.6
		2000	3,797	11.9							2000	495	13.7
		1999	8,186	9.2							1999	1,044	12.6
8 - 11 Years		2008	640	12.3					12 - 14 Years - Girls		2008	267	7.5
		2007	556	12.8							2007	270	11.9
		2006	0	*							2006	0	*
		2005	551	14.9							2005	293	9.9
		2004	657	11.1							2004	347	11.2
		2003	798	11.8							2003	342	9.1
		2002	1,074	12.5							2002	459	10.2
		2001	1,172	12.9							2001	446	9.2
		2000	1,417	12.5							2000	550	9.5
		1999	3,082	12.9							1999	1,025	10.7

(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) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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



**Table 21C**  
**2008 Pediatric Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Anemia by Age**  
**Children Aged 5 to <20 Years** (2)

<b>Summary of Trends in Anemia by Age</b> (3)								
Age and Year		Anemia Low Hb/Hct (4)		Age and Year		Anemia Low Hb/Hct (4)		
		Number	%			Number	%	
15 - 19 Years	- Boys			Unknown				
		2008	130		10.8	2008	0	*
		2007	138		13.8	2007	0	*
		2006	0		*	2006	0	*
		2005	106		12.3	2005	0	*
		2004	90		*	2004	0	*
		2003	106		14.2	2003	0	*
		2002	106		11.3	2002	0	*
		2001	161		9.3	2001	0	*
		2000	254		9.8	2000	0	*
		1999	461		13.2	1999	0	*
15 - 19 Years	- Girls			Total All Age Groups				
		2008	128		14.1	2008	3,340	11.4
		2007	151		15.9	2007	3,423	11.9
		2006	0		*	2006	0	*
		2005	139		12.2	2005	3,489	11.4
		2004	139		10.8	2004	3,765	11.2
		2003	110		17.3	2003	3,915	11.7
		2002	142		12.7	2002	4,880	10.6
		2001	166		10.2	2001	5,600	10.0
		2000	246		11.8	2000	6,759	11.9
		1999	520		12.7	1999	14,318	10.6

(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) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted.

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