

**Table 1C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Demographic Indicators** <sup>(2)</sup>

Total Records	Number	%	Source of Data	Number	%
Complete Records	44,945	68.4	WIC	57,108	86.9
Prenatal Records	8,693	13.2	Maternal Health	5,082	7.7
Postpartum Records	12,100	18.4	Other	3,548	5.4
<b>Total Records Accepted</b>	<b>65,738</b>		<b>Total</b>	<b>65,738</b>	<b>100.0</b>
			<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Race/Ethnic Distribution	Number	%
White, Not Hispanic	27,281	41.6
Black, Not Hispanic	21,921	33.4
Hispanic	13,933	21.3
American Indian/Alaska Native	1,266	1.9
Asian/Pacific Islander	1,166	1.8
Multiple Races	0	0.0
All Other	0	0.0
<b>Total</b>	<b>65,567</b>	<b>100.0</b>
<i>Excluded Unknown: 171</i>	<i>0.3</i>	

Age Distribution	Number	%
< 15 Years	245	0.4
15 - 17 Years	4,461	6.8
18 - 19 Years	8,935	13.6
20 - 29 Years	40,000	60.8
30 - 39 Years	11,434	17.4
>= 40 Years	663	1.0
<b>Total</b>	<b>65,738</b>	<b>100.0</b>
<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Education Distribution	Number	%
< High School	21,115	32.3
High School	25,655	39.2
> High School	18,667	28.5
<b>Total</b>	<b>65,437</b>	<b>100.0</b>
<i>Excluded Unknown: 301</i>	<i>0.5</i>	

% Poverty Level	Number	%
0 - 50	8,485	37.1
51 - 100	6,600	28.9
101 - 130	3,329	14.6
131 - 150	1,915	8.4
151 - 185	2,393	10.5
186 - 200	59	0.3
> 200	82	0.4
Adjunctive Eligibility	0	0.0
<b>Total</b>	<b>22,863</b>	<b>100.0</b>
<i>Excluded Unknown: 30,775</i>	<i>57.4</i>	

Program Participation <sup>(3)</sup>	Number	%
WIC	53,638	0.0
SNAP	53,638	21.8
Medicaid	53,638	64.7
TANF	53,638	1.4
<i>Excluded Unknown:</i>		
<i>WIC:</i>	0	0.0
<i>SNAP:</i>	0	0.0
<i>Medicaid:</i>	0	0.0
<i>TANF:</i>	0	0.0

Migrant Status	Number	%
Yes	733	1.4
No	53,013	98.6
<b>Total</b>	<b>53,746</b>	<b>100.0</b>
<i>Excluded Unknown: 11,992</i>	<i>18.2</i>	

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

(2) Excludes records with unknown data or errors.

(3) Prenatal program participation.

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



**Table 2C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Health Indicators**

Summary of Health Indicators (2)				
	North Carolina Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Prepregnancy BMI (3)				
Underweight	47,082	4.9	1,224,766	4.7
Normal Weight	47,082	40.0	1,224,766	43.1
Overweight	47,082	25.2	1,224,766	25.7
Obese	47,082	29.9	1,224,766	26.4
Maternal Weight Gain (4)				
Less Than Ideal	34,276	22.5	963,624	21.4
Ideal	34,276	31.3	963,624	30.3
Greater Than Ideal	34,276	46.2	963,624	48.2
Anemia (Low Hb/Hct) (5)				
1st Trimester	13,386	7.1	394,095	7.6
2nd Trimester	13,552	11.6	354,690	12.1
3rd Trimester	7,484	35.3	188,530	33.8
Postpartum	27,233	32.2	416,710	29.6
Parity (6)				
0	65,649	41.3	1,149,553	42.6
1	65,649	29.3	1,149,553	26.4
2	65,649	17.3	1,149,553	16.0
≥ 3	65,649	12.0	1,149,553	14.9
Interpregnancy Interval				
< 6 Months	39,975	13.0	618,788	12.6
6 - <18 Months	39,975	26.9	618,788	27.1
≥18 Months	39,975	60.1	618,788	60.3
Gestational Diabetes	0	*	346,704	4.4
Hypertension During Pregnancy	0	*	395,960	5.2

- (1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).  
(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).  
(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.  
(6) Number of times a woman has given birth to an infant 20 or more weeks gestation.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 2C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Health Indicators**

Summary of Health Indicators (2)				
	North Carolina Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Medical Care				
1st Trimester	56,230	78.7	580,485	80.1
No Care	56,230	0.7	580,485	3.1
WIC Enrollment				
1st Trimester	63,379	27.2	1,187,387	31.7
2nd Trimester	63,379	36.3	1,187,387	34.0
3rd Trimester	63,379	19.0	1,187,387	18.4
Postpartum (3)	63,379	17.5	1,187,387	16.0
Prepregnancy Multivitamin Consumption (4)	0	*	266,567	19.3
Multivitamin Consumption During Pregnancy (5)	0	*	269,548	80.6
Smoking				
3 Months Prior to Pregnancy	48,663	24.1	999,199	23.1
During Pregnancy	48,594	14.1	926,915	14.2
Last 3 Months of Pregnancy	56,641	14.5	856,953	14.2
Postpartum	0	*	839,512	16.1
Smoking Changes (6)				
Quit Smoking by First Prenatal Visit	11,676	41.9	193,938	42.1
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	9,640	34.2	146,933	35.5
Smoking in Household				
During Pregnancy	0	*	655,095	18.9
Postpartum	0	*	578,852	19.9
Drinking				
3 Months Prior to Pregnancy	44,948	1.7	975,737	7.8
Last 3 Months of Pregnancy	0	*	701,124	0.4

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

(2) Excludes records with unknown data or errors.

(3) Women who initially enrolled in WIC during the postpartum period.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

(6) Among women who smoked 3 months prior to pregnancy.

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



**Table 2C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Health Indicators**

Summary of Health Indicators (2)				
	North Carolina Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Birthweight (3)				
Very Low	56,912	1.5	1,085,134	1.1
Low	56,912	7.6	1,085,134	7.1
Normal	56,912	84.4	1,085,134	85.2
High	56,912	6.6	1,085,134	6.6
Preterm (4)	56,066	14.1	1,025,278	11.5
Full term Low Birth Weight (5)	48,153	4.0	890,981	3.6
Multiple Births	57,045	1.6	1,060,021	1.4
Breastfeeding				
Ever Breastfed	55,168	62.5	952,980	65.4

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

(2) Excludes records with unknown data or errors.

(3) Very low birth weight (<1500 g), low birth weight (1500 - <2500 g), normal birth weight (2500 - <4000 g), high birth weight (>4000 g).

(4) <37 weeks gestation.

(5) 37 or more weeks gestation and <2500 g.



**Table 3C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Comparison of Racial and Ethnic Distribution by Contributor to Nation**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
<b>North Carolina</b>	<b>65,738</b>	<b>41.5</b>	<b>33.3</b>	<b>21.2</b>	<b>1.9</b>	<b>1.8</b>	<b>0.0</b>	<b>0.3</b>
<b>Nation (Prior Year)</b>	<b>1,307,887</b>	<b>42.0</b>	<b>24.2</b>	<b>28.1</b>	<b>1.0</b>	<b>3.1</b>	<b>1.1</b>	<b>0.5</b>

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

(2) Excludes data with errors.

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



**Table 4C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Comparison of Age Distribution by Contributor to Nation**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
<b>North Carolina</b>	<b>65,738</b>	<b>0.4</b>	<b>6.8</b>	<b>13.6</b>	<b>60.8</b>	<b>17.4</b>	<b>1.0</b>	<b>0.0</b>
<b>Nation (Prior Year)</b>	<b>1,307,887</b>	<b>0.3</b>	<b>6.3</b>	<b>12.6</b>	<b>59.7</b>	<b>19.4</b>	<b>1.4</b>	<b>0.3</b>

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

(2) Excludes data with errors.

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



**Table 5C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Comparison of Maternal Health Indicators by Contributor to Nation**

<b>Comparison of Maternal Health Indicators</b> <sup>(2)</sup>														
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum					
		Number	%		%	Number	%	%	Number	%			Number	%
<b>North Carolina</b>	<b>47,082</b>	<b>4.9</b>	<b>55.1</b>	<b>34,276</b>	<b>22.5</b>	<b>46.2</b>	<b>7,484</b>	<b>35.3</b>	<b>27,233</b>	<b>32.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Nation (Prior Year)</b>	<b>1,224,766</b>	<b>4.7</b>	<b>52.1</b>	<b>963,624</b>	<b>21.4</b>	<b>48.2</b>	<b>188,530</b>	<b>33.8</b>	<b>416,710</b>	<b>29.6</b>	<b>346,704</b>	<b>4.4</b>	<b>395,960</b>	<b>5.2</b>

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

(2) Excludes records with unknown data or errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 6C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Comparison of Maternal Behavioral Indicators by Contributor to Nation**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2)</sup>									
	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Pregnancy (3)		During Pregnancy (4)	
	Number	%	%	Number	%	Number	%	Number	%
<b>North Carolina</b>	<b>56,230</b>	<b>78.7</b>	<b>0.7</b>	<b>63,379</b>	<b>27.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Nation (Prior Year)</b>	<b>580,485</b>	<b>80.1</b>	<b>3.1</b>	<b>1,187,387</b>	<b>31.7</b>	<b>266,567</b>	<b>19.3</b>	<b>269,548</b>	<b>80.6</b>

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

(2) Excludes records with unknown data or errors.

(3) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(4) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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





**Table 7C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Comparison of Smoking Indicators by Contributor to Nation**

<b>Comparison of Smoking Indicators</b> (2)										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal	Postpartum			
	Number	%	Number	%	Number	%	Number	%		
<b>North Carolina</b>	<b>48,663</b>	<b>24.1</b>	<b>56,641</b>	<b>14.5</b>	<b>9,640</b>	<b>34.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Nation (Prior Year)</b>	<b>999,199</b>	<b>23.1</b>	<b>856,953</b>	<b>14.2</b>	<b>146,933</b>	<b>35.5</b>	<b>655,095</b>	<b>18.9</b>	<b>578,852</b>	<b>19.9</b>

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

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

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



**Table 8C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Comparison of Infant Health Indicators by Contributor to Nation**

<b>Comparison of Infant Health Indicators</b> <sup>(2)</sup>									
	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)	High (4)							
	Number	%	%	Number	%	Number	%	Number	%
<b>North Carolina</b>	<b>56,912</b>	<b>9.1</b>	<b>6.6</b>	<b>56,066</b>	<b>14.1</b>	<b>48,153</b>	<b>4.0</b>	<b>55,168</b>	<b>62.5</b>
<b>Nation (Prior Year)</b>	<b>1,085,134</b>	<b>8.2</b>	<b>6.6</b>	<b>1,025,278</b>	<b>11.5</b>	<b>890,981</b>	<b>3.6</b>	<b>952,980</b>	<b>65.4</b>

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

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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



**Table 9C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Maternal Health Indicators by Race/Ethnicity, Age, or Education**

**Maternal Health Indicators by Race/Ethnicity, Age, or Education** <sup>(2)</sup>

	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				Gestational Diabetes		Hypertension During Pregnancy		
	Number	Under-weight	Over-weight	Number	< Ideal	> Ideal	3rd Trimester		Postpartum		Number	%	Number	%	
		%	%		%	%	Number	%	Number	%					
<b>Race/Ethnicity</b>															
White, Not Hispanic	19,355	6.5	50.7	14,501	19.9	49.4	3,341	26.9	12,015	24.1	0	*	0	*	
Black, Not Hispanic	15,789	4.4	60.0	11,357	23.6	47.6	2,415	53.3	8,150	47.7	0	*	0	*	
Hispanic	10,108	2.2	58.1	7,160	25.5	38.3	1,358	26.2	6,085	27.9	0	*	0	*	
American Indian/Alaska Native	915	7.0	52.0	617	23.5	47.6	202	23.3	387	31.0	0	*	0	*	
Asian/Pacific Islander	804	8.8	33.8	559	31.5	33.1	154	29.9	527	28.1	0	*	0	*	
All Other/Unknown	111	9.0	38.7	82	*	*	14	*	69	*	0	*	0	*	
<b>Total</b>	<b>47,082</b>	<b>4.9</b>	<b>55.1</b>	<b>34,276</b>	<b>22.5</b>	<b>46.2</b>	<b>7,484</b>	<b>35.3</b>	<b>27,233</b>	<b>32.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	
<b>Age</b>															
< 15 Years	208	8.2	26.0	163	20.2	42.3	27	*	104	37.5	0	*	0	*	
15 - 17 Years	3,611	8.5	35.1	2,602	24.4	46.1	474	41.8	1,700	40.1	0	*	0	*	
18 - 19 Years	6,923	7.4	43.7	5,075	21.2	47.4	1,026	39.6	3,492	37.2	0	*	0	*	
20 - 29 Years	28,291	4.7	56.3	20,648	22.5	46.3	4,746	34.5	16,736	31.3	0	*	0	*	
30 - 39 Years	7,634	1.9	70.6	5,494	22.9	45.0	1,142	32.5	4,904	29.2	0	*	0	*	
>= 40 Years	415	1.9	72.5	294	23.1	42.2	69	*	297	26.3	0	*	0	*	
Unknown	0	*	*	0	*	*	0	*	0	*	0	*	0	*	
<b>Total</b>	<b>47,082</b>	<b>4.9</b>	<b>55.1</b>	<b>34,276</b>	<b>22.5</b>	<b>46.2</b>	<b>7,484</b>	<b>35.3</b>	<b>27,233</b>	<b>32.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	
<b>Education</b>															
< High School	15,583	5.6	52.2	10,892	25.6	42.0	2,265	36.6	8,502	34.0	0	*	0	*	
High School	18,825	5.1	55.3	14,017	22.0	47.3	3,024	36.7	10,674	33.2	0	*	0	*	
> High School	12,489	3.9	58.5	9,260	19.8	49.5	2,167	31.9	7,939	28.8	0	*	0	*	
Unknown	185	4.3	51.4	107	27.1	40.2	28	*	118	30.5	0	*	0	*	
<b>Total</b>	<b>47,082</b>	<b>4.9</b>	<b>55.1</b>	<b>34,276</b>	<b>22.5</b>	<b>46.2</b>	<b>7,484</b>	<b>35.3</b>	<b>27,233</b>	<b>32.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	

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

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 10C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education</b> (2)									
	Medical Care			WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care	1st Trimester		Pregnancy (3)		During Pregnancy (4)	
	Number	%	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>									
White, Not Hispanic	23,206	83.8	0.5	26,249	29.5	0	*	0	*
Black, Not Hispanic	18,794	75.7	1.0	21,138	26.3	0	*	0	*
Hispanic	12,111	74.0	0.5	13,479	25.3	0	*	0	*
American Indian/Alaska Native	990	76.8	1.2	1,218	26.0	0	*	0	*
Asian/Pacific Islander	985	74.8	0.8	1,133	15.5	0	*	0	*
All Other/Unknown	144	74.3	0.0	162	27.2	0	*	0	*
<b>Total</b>	<b>56,230</b>	<b>78.7</b>	<b>00.7</b>	<b>63,379</b>	<b>27.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Age</b>									
< 15 Years	215	59.5	0.9	237	27.8	0	*	0	*
15 - 17 Years	3,741	72.3	1.0	4,307	31.4	0	*	0	*
18 - 19 Years	7,553	76.2	0.5	8,601	31.4	0	*	0	*
20 - 29 Years	34,265	79.6	0.7	38,561	26.5	0	*	0	*
30 - 39 Years	9,879	80.5	0.6	11,027	25.0	0	*	0	*
>= 40 Years	577	77.1	1.0	646	21.2	0	*	0	*
Unknown	0	*	*	0	*	0	*	0	*
<b>Total</b>	<b>56,230</b>	<b>78.7</b>	<b>00.7</b>	<b>63,379</b>	<b>27.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Education</b>									
< High School	17,987	72.0	0.9	20,324	27.2	0	*	0	*
High School	22,070	79.4	0.7	24,724	28.4	0	*	0	*
> High School	15,981	85.4	0.4	18,045	25.7	0	*	0	*
Unknown	192	70.3	0.5	286	26.6	0	*	0	*
<b>Total</b>	<b>56,230</b>	<b>78.7</b>	<b>00.7</b>	<b>63,379</b>	<b>27.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>

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

(2) Excludes records with unknown data for behavioral indicators, and data with errors for behavioral and demographic indicators.

(3) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(4) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



**Table 11C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Smoking Indicators by Race/Ethnicity, Age, or Education**

Smoking Indicators by Race/Ethnicity, Age, or Education <sup>(2)</sup>										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>										
White, Not Hispanic	19,988	40.5	23,313	25.2	6,605	29.8	0	*	0	*
Black, Not Hispanic	16,220	18.0	18,932	10.1	2,462	43.2	0	*	0	*
Hispanic	10,602	3.6	12,255	1.2	307	61.9	0	*	0	*
American Indian/Alaska Native	967	26.8	991	22.8	187	20.3	0	*	0	*
Asian/Pacific Islander	773	8.9	1,000	2.9	55	*	0	*	0	*
All Other/Unknown	113	25.7	150	11.3	24	*	0	*	0	*
<b>Total</b>	<b>48,663</b>	<b>24.1</b>	<b>56,641</b>	<b>14.5</b>	<b>9,640</b>	<b>34.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Age</b>										
< 15 Years	208	6.3	218	2.8	9	*	0	*	0	*
15 - 17 Years	3,701	18.3	3,774	9.4	561	44.7	0	*	0	*
18 - 19 Years	7,114	26.6	7,617	13.7	1,533	38.7	0	*	0	*
20 - 29 Years	29,214	25.9	34,492	15.7	6,235	34.0	0	*	0	*
30 - 39 Years	7,993	18.9	9,959	13.3	1,231	25.1	0	*	0	*
>= 40 Years	433	19.9	581	13.9	71	*	0	*	0	*
Unknown	0	*	0	*	0	*	0	*	0	*
<b>Total</b>	<b>48,663</b>	<b>24.1</b>	<b>56,641</b>	<b>14.5</b>	<b>9,640</b>	<b>34.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Education</b>										
< High School	16,189	24.1	18,157	16.9	3,181	25.9	0	*	0	*
High School	19,406	27.2	22,205	15.8	4,375	36.0	0	*	0	*
> High School	12,861	19.5	16,051	10.0	2,057	43.3	0	*	0	*
Unknown	207	20.8	228	14.5	27	*	0	*	0	*
<b>Total</b>	<b>48,663</b>	<b>24.1</b>	<b>56,641</b>	<b>14.5</b>	<b>9,640</b>	<b>34.2</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>

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

(2) Excludes records with unknown data for smoking indicators, and data with errors for smoking and demographic indicators.

(3) Among women who smoked 3 months prior to pregnancy.

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



**Table 12C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Infant Health Indicators by Race/Ethnicity, Age, or Education**

Infant Health Indicators by Race/Ethnicity, Age, or Education (2)									
	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)	High (4)							
	Number	%	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>									
White, Not Hispanic	23,508	7.9	7.9	23,156	12.7	20,216	3.5	22,841	61.7
Black, Not Hispanic	18,988	12.8	3.9	18,666	17.2	15,452	5.8	18,252	50.8
Hispanic	12,259	5.5	8.1	12,127	12.1	10,658	2.4	11,982	83.0
American Indian/Alaska Native	1,002	10.3	8.5	979	15.4	828	4.8	971	40.2
Asian/Pacific Islander	1,003	8.4	5.7	991	12.6	865	4.0	974	68.4
All Other/Unknown	152	5.9	5.9	147	8.8	134	3.7	148	62.8
<b>Total</b>	<b>56,912</b>	<b>9.1</b>	<b>6.6</b>	<b>56,066</b>	<b>14.1</b>	<b>48,153</b>	<b>4.0</b>	<b>55,168</b>	<b>62.5</b>
<b>Age</b>									
< 15 Years	219	8.7	3.7	217	17.5	179	5.6	213	53.1
15 - 17 Years	3,789	7.8	3.7	3,745	16.0	3,146	4.5	3,688	54.1
18 - 19 Years	7,662	8.2	4.7	7,568	14.1	6,497	4.4	7,400	57.3
20 - 29 Years	34,669	7.3	6.7	34,152	13.4	29,570	3.9	33,665	62.6
30 - 39 Years	9,987	7.8	8.6	9,808	15.3	8,305	3.8	9,646	69.1
>= 40 Years	586	13.1	8.9	576	20.8	456	6.6	556	69.1
Unknown	0	*	*	0	*	0	*	0	*
<b>Total</b>	<b>56,912</b>	<b>9.1</b>	<b>6.6</b>	<b>56,066</b>	<b>14.1</b>	<b>48,153</b>	<b>4.0</b>	<b>55,168</b>	<b>62.5</b>
<b>Education</b>									
< High School	18,242	7.6	6.0	17,977	15.0	15,284	4.2	17,767	61.1
High School	22,321	7.8	6.3	21,993	13.9	18,944	4.1	21,587	58.2
> High School	16,110	7.3	7.6	15,865	13.4	13,741	3.7	15,581	70.0
Unknown	239	8.8	5.0	231	19.5	184	4.3	233	56.7
<b>Total</b>	<b>56,912</b>	<b>9.1</b>	<b>6.6</b>	<b>56,066</b>	<b>14.1</b>	<b>48,153</b>	<b>4.0</b>	<b>55,168</b>	<b>62.5</b>

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

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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



**Table 13C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Maternal Weight Gain and Birth Outcomes by Select Health Indicators**

<b>Maternal Weight Gain and Birth Outcomes by Select Health Indicators</b> (2)										
	Weight Gain (3)			Birth Outcomes						
	< Ideal	> Ideal		Birthweight			Preterm (6)	Full Term LBW (7)		
		Number	%	%	Low (4)	High (5)				
	Number	%	%	Number	%	%	Number	%	Number	%
<b>Prepregnancy BMI</b>										
Underweight	1,678	39.5	20.6	1,906	15.3	2.2	1,903	15.0	1,617	9.4
Normal Weight	13,746	27.8	34.8	15,798	8.6	4.6	15,725	13.4	13,620	4.1
Overweight	8,669	13.0	58.1	10,085	7.0	7.2	10,055	12.8	8,768	3.1
Obese	10,183	20.8	55.7	12,002	7.9	9.1	11,957	13.9	10,293	3.4
<b>Weight Gain</b>										
< Ideal	-	-	-	7,694	13.2	3.3	7,667	17.5	6,325	6.4
Ideal	-	-	-	10,706	8.0	4.5	10,675	12.8	9,304	3.7
> Ideal	-	-	-	15,825	5.6	9.5	15,774	11.3	13,993	2.7
<b>Smoking During Pregnancy</b>										
Smokers	4,732	24.7	45.6	5,737	12.5	3.9	5,720	15.1	4,853	6.8
Non-Smokers	28,385	22.2	46.4	34,702	7.6	7.0	34,601	13.0	30,096	3.5

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

(2) Excludes records with unknown data or errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

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



**Table 14C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Racial and Ethnic Distribution**

<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
2009	65,738	41.5	33.3	21.2	1.9	1.8	0.0	0.3
2008	66,872	40.4	33.8	22.0	1.9	1.7	0.0	0.2
2007	64,288	39.9	33.9	22.4	2.0	1.8	0.0	0.1
2006	62,927	40.8	33.8	21.6	2.0	1.7	0.0	0.1
2005	59,370	41.4	33.7	21.0	2.1	1.6	0.0	0.1
2004	57,791	42.7	34.3	19.3	2.0	1.6	0.0	0.1
2003	55,811	43.1	34.3	18.7	2.1	1.6	0.0	0.1
2002	55,165	44.1	35.0	17.2	2.2	1.6	0.0	0.0
2001	55,199	44.1	36.3	15.8	2.2	1.5	0.0	0.0
2000	53,329	45.6	37.3	13.3	2.4	1.5	0.0	0.0
1999	51,943	46.8	38.3	11.1	2.3	1.5	0.0	0.0
1998	53,239	48.2	38.4	9.5	2.4	1.5	0.0	0.0
1997	51,533	49.0	38.8	8.4	2.3	1.5	0.0	0.0
1996	50,823	50.4	39.3	6.6	2.3	1.3	0.0	0.0
1995	48,256	50.6	40.5	5.3	2.2	1.3	0.0	0.0
1994	0	*	*	*	*	*	*	*
1993	0	*	*	*	*	*	*	*
1992	0	*	*	*	*	*	*	*
1991	43,126	48.9	46.4	2.0	2.2	0.5	0.0	0.1
1990	46,977	47.7	47.9	1.7	2.2	0.5	0.0	0.1
1989	34,031	45.9	50.0	1.4	2.2	0.4	0.0	0.1

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

(2) Excludes records with unknown data or errors.

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





**Table 14C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Racial and Ethnic Distribution**

<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
1988	25,861	44.3	52.0	1.1	2.3	0.3	0.0	0.0
1987	5,013	39.5	58.6	0.3	1.2	0.3	0.0	0.0
1986	2,715	37.2	57.7	0.5	4.3	0.3	0.0	0.0
1985	3,558	36.8	58.5	0.4	4.1	0.2	0.0	0.0
1984	4,281	36.2	59.2	0.6	3.7	0.2	0.0	0.1
1983	4,460	36.7	58.6	0.6	3.6	0.2	0.0	0.2

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

(2) Excludes records with unknown data or errors.

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



**Table 15C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Age Distribution**

<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
2009	65,738	0.4	6.8	13.6	60.8	17.4	1.0	0.0
2008	66,872	0.5	7.5	13.9	60.2	16.9	1.0	0.0
2007	64,288	0.5	7.8	14.0	60.4	16.4	0.9	0.0
2006	62,927	0.5	7.7	14.0	60.6	16.3	0.9	0.0
2005	59,370	0.6	7.8	14.0	60.5	16.2	0.9	0.0
2004	57,791	0.6	7.9	14.1	60.9	15.7	0.9	0.0
2003	55,811	0.6	8.1	13.9	60.5	15.9	0.9	0.0
2002	55,165	0.7	8.6	14.7	60.1	15.1	0.8	0.0
2001	55,199	0.7	8.8	15.0	59.9	14.8	0.7	0.0
2000	53,329	0.8	9.7	15.6	59.5	13.7	0.8	0.0
1999	51,943	0.9	10.6	15.8	58.6	13.4	0.6	0.0
1998	53,239	0.9	11.0	15.9	58.0	13.5	0.7	0.0
1997	51,533	0.9	11.3	15.8	57.6	13.8	0.7	0.0
1996	50,823	1.1	11.9	15.8	57.1	13.4	0.6	0.0
1995	48,256	1.2	12.5	16.1	56.4	13.3	0.5	0.0
1994	0	*	*	*	*	*	*	*
1993	0	*	*	*	*	*	*	*
1992	0	*	*	*	*	*	*	*
1991	43,126	1.2	13.0	17.6	56.8	10.9	0.4	0.0
1990	46,977	1.3	13.2	18.3	56.6	10.3	0.4	0.0

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

(2) Excludes records with unknown data or errors.

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



**Table 15C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Age Distribution**

<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
1989	34,031	1.3	13.7	17.3	50.2	8.7	0.3	8.5
1988	25,861	1.3	13.6	16.1	51.0	9.0	0.2	8.8
1987	5,013	1.4	13.7	18.1	57.9	8.6	0.3	0.0
1986	2,715	1.7	14.0	18.7	56.9	8.4	0.2	0.1
1985	3,558	1.3	13.6	17.5	59.3	8.1	0.3	0.0
1984	4,281	1.9	14.7	19.2	55.9	8.1	0.4	0.0
1983	4,460	1.6	15.4	20.0	53.9	8.5	0.3	0.2

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

(2) Excludes records with unknown data or errors.

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



**Table 16C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <sup>(2)</sup>										
Year	Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
2009	47,082	4.9	55.1	34,276	22.5	46.2	7,484	35.3	27,233	32.2
2008	48,754	5.1	54.1	34,077	22.7	46.3	7,760	35.0	25,038	31.6
2007	45,143	5.1	53.7	29,971	23.1	45.8	7,301	34.7	23,400	30.8
2006	43,862	5.4	53.0	32,200	22.4	46.8	7,936	33.9	23,968	29.0
2005	41,706	5.6	52.5	30,502	22.5	46.6	7,370	31.9	22,545	28.7
2004	41,316	5.4	52.6	30,978	22.5	46.1	7,552	32.0	21,706	28.2
2003	39,513	5.7	52.1	29,764	21.7	47.4	7,297	31.9	21,901	27.6
2002	40,004	6.3	51.0	30,324	22.5	46.7	7,337	31.9	20,709	28.7
2001	41,103	6.5	50.0	30,951	22.4	46.4	7,495	30.8	20,259	28.4
2000	41,650	6.8	49.2	31,118	22.0	46.5	8,119	30.8	19,243	29.3
1999	42,282	7.0	48.2	32,162	24.4	47.6	7,172	31.5	18,791	27.5
1998	43,380	7.7	47.1	34,272	24.1	47.6	7,452	31.1	18,855	27.3
1997	24,024	7.8	45.1	18,760	24.2	46.8	6,953	29.4	17,991	27.2
1996	22,827	8.4	43.4	17,635	24.8	46.1	6,853	29.2	17,702	25.8
1995	22,756	9.4	42.0	17,518	24.7	45.6	6,716	30.0	20,740	28.0

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

(2) Excludes records with unknown data or errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 16C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <sup>(2)</sup>										
Year	Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
1994	0	*	*	0	*	*	0	*	0	*
1993	0	*	*	0	*	*	0	*	0	*
1992	0	*	*	0	*	*	0	*	0	*
1991	35,812	10.4	36.8	20,316	28.7	42.7	9,025	30.1	18,682	23.1
1990	37,641	9.2	40.0	28,245	24.9	43.6	9,979	31.2	26,210	32.6
1989	27,609	10.2	37.0	20,544	27.4	41.1	7,929	30.1	7,044	25.5
1988	21,024	10.3	36.4	15,521	27.5	41.0	6,728	29.5	5,825	27.3
1987	4,792	9.1	38.4	0	*	*	1,022	30.2	2,378	21.3
1986	2,602	9.3	33.5	0	*	*	606	27.7	1,656	20.9
1985	3,385	10.2	32.5	0	*	*	934	27.2	2,173	17.7
1984	4,115	11.2	30.7	0	*	*	1,001	29.8	2,131	17.3
1983	4,259	10.4	30.4	0	*	*	844	28.7	1,671	18.1

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

(2) Excludes records with unknown data or errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 17C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Maternal Behavioral Indicators**

<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
2009	56,230	78.7	0.7	63,379	27.2
2008	57,334	76.0	0.7	64,492	25.6
2007	53,290	74.3	0.9	62,023	25.9
2006	53,619	75.8	0.8	62,208	26.8
2005	50,918	76.6	0.8	58,639	27.5
2004	50,010	77.1	0.9	57,146	27.5
2003	55,177	77.2	0.9	55,112	28.4
2002	54,531	77.0	0.9	54,548	29.2
2001	54,721	77.3	0.9	54,553	29.3
2000	52,758	77.6	1.0	52,569	28.8
1999	51,374	78.2	0.9	51,307	35.0
1998	52,754	77.3	0.9	52,117	34.6
1997	51,020	76.2	1.0	49,650	34.2
1996	49,892	75.6	1.1	48,852	32.2
1995	47,378	75.4	1.0	46,783	32.5
1994	0	*	*	0	*
1993	0	*	*	0	*

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

(2) Excludes records with unknown data or errors.

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



**Table 17C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Maternal Behavioral Indicators**

<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
1992	0	*	*	0	*
1991	42,965	63.6	1.3	39,646	24.2
1990	40,892	60.8	1.4	40,259	21.1
1989	25,818	60.7	0.6	31,642	21.6
1988	19,578	60.0	0.5	24,287	18.6
1987	0	*	*	4,387	18.1
1986	0	*	*	2,628	19.4
1985	0	*	*	3,494	19.1
1984	0	*	*	3,929	20.1
1983	0	*	*	3,472	18.6

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

(2) Excludes records with unknown data or errors.

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



**Table 18C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Smoking Indicators**

<b>Summary of Trends in Smoking Indicators</b> (2)										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
2009	48,663	24.1	56,641	14.5	9,640	34.2	0	*	0	*
2008	48,524	24.7	57,630	14.9	9,728	33.1	0	*	0	*
2007	46,721	25.2	53,527	15.4	9,076	32.1	0	*	0	*
2006	47,760	25.4	53,837	16.4	9,747	30.8	0	*	0	*
2005	45,491	25.6	51,184	17.2	9,363	29.4	0	*	0	*
2004	44,935	26.6	50,268	18.0	9,815	30.7	0	*	0	*
2003	43,807	26.9	55,492	19.0	11,619	28.0	0	*	0	*
2002	44,204	27.9	54,789	19.5	12,148	28.7	0	*	0	*
2001	44,751	28.5	54,815	20.4	12,597	26.8	0	*	0	*
2000	44,160	29.4	52,998	20.5	12,864	26.9	0	*	0	*
1999	44,277	30.6	0	*	0	*	0	*	0	*
1998	45,489	30.8	0	*	0	*	0	*	0	*
1997	43,809	30.6	0	*	0	*	0	*	0	*
1996	42,886	31.2	0	*	0	*	0	*	0	*
1995	40,944	31.2	0	*	0	*	0	*	0	*
1994	0	*	0	*	0	*	0	*	0	*
1993	0	*	0	*	0	*	0	*	0	*

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

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

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





**Table 18C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Smoking Indicators**

<b>Summary of Trends in Smoking Indicators</b> (2)										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%	Number	%	Number	%		
1992	0	*	0	*	0	*	0	*	0	*
1991	5,227	32.5	0	*	0	*	0	*	0	*
1990	0	*	0	*	0	*	0	*	0	*
1989	0	*	0	*	0	*	0	*	0	*
1988	0	*	0	*	0	*	0	*	0	*
1987	0	*	0	*	0	*	0	*	0	*
1986	0	*	0	*	0	*	0	*	0	*
1985	0	*	0	*	0	*	0	*	0	*
1984	0	*	0	*	0	*	0	*	0	*
1983	0	*	0	*	0	*	0	*	0	*

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

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

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



**Table 19C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Infant Health Indicators**

Summary of Trends in Infant Health Indicators (2)									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
2009	56,912	9.1	6.6	56,066	14.1	48,153	4.0	55,168	62.5
2008	57,854	9.3	6.4	56,996	14.0	48,997	4.1	57,240	61.0
2007	53,751	9.4	6.6	52,966	14.3	45,390	4.1	52,180	61.1
2006	53,995	9.4	6.6	53,147	15.0	45,193	4.0	52,352	60.0
2005	51,294	9.5	6.7	50,482	14.9	42,953	4.0	49,565	57.6
2004	50,306	9.3	7.1	49,558	14.5	42,351	4.0	48,768	57.0
2003	55,435	9.6	7.1	54,619	14.8	46,514	4.1	47,314	55.2
2002	54,781	9.5	7.0	54,001	14.5	46,171	4.0	47,512	53.9
2001	54,815	9.1	7.3	54,031	14.6	46,115	3.8	47,684	52.6
2000	52,929	8.8	7.8	52,061	14.0	44,782	3.6	45,752	49.8
1999	51,566	9.3	8.0	50,795	14.1	43,608	4.0	43,714	47.6
1998	52,845	9.4	8.1	52,146	14.0	44,863	4.1	45,297	47.8
1997	51,113	9.2	8.1	49,155	13.8	42,343	4.0	44,024	44.8
1996	49,909	9.5	8.0	47,863	14.0	41,166	4.1	43,089	42.8

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

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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



**Table 19C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Infant Health Indicators**

Summary of Trends in Infant Health Indicators (2)									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
1995	47,403	9.5	8.4	45,607	14.0	39,219	4.1	40,800	38.7
1994	0	*	*	0	*	0	*	0	*
1993	0	*	*	0	*	0	*	0	*
1992	0	*	*	0	*	0	*	0	*
1991	42,847	9.2	7.8	40,968	14.7	34,926	4.2	18,632	33.7
1990	46,620	8.7	7.9	44,486	14.7	37,954	4.1	5,142	100.0
1989	30,378	8.0	7.9	29,852	13.6	25,790	4.1	2,879	100.0
1988	22,799	8.0	7.7	22,472	13.8	19,358	4.3	2,030	100.0
1987	4,988	8.2	7.3	4,839	12.8	4,219	4.1	434	100.0
1986	2,692	7.9	8.1	2,669	13.4	2,305	4.4	296	100.0
1985	3,522	7.7	7.6	3,500	13.0	3,041	3.7	403	100.0
1984	4,255	7.5	7.0	4,175	12.6	3,648	4.0	475	100.0
1983	4,415	9.5	7.6	4,221	13.6	3,648	4.9	472	100.0

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

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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



**Table 20C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
White, Not Hispanic	2009	19,355	6.5	50.7	14,501	19.9	49.4	3,341	26.9	12,015	24.1
	2008	19,500	6.8	49.5	14,183	19.2	50.8	3,410	28.7	11,032	24.5
	2007	18,371	7.0	49.7	12,524	19.2	50.9	3,232	27.0	9,885	24.1
	2006	18,206	7.1	48.9	13,592	18.9	51.8	3,317	26.3	10,295	23.8
	2005	17,614	7.3	47.7	13,069	19.0	50.8	3,186	24.9	10,101	22.6
	2004	17,734	7.3	47.7	13,443	19.1	50.3	3,202	24.3	9,889	21.9
	2003	17,288	7.6	47.3	13,233	18.2	51.5	3,104	24.3	9,883	21.2
	2002	17,921	8.2	46.3	13,775	19.1	50.9	3,069	23.2	9,719	22.6
	2001	18,274	8.2	45.8	14,224	19.0	50.6	3,209	23.8	9,568	22.3
	2000	18,927	8.9	44.8	14,597	18.8	49.7	3,656	22.7	9,464	22.8
Black, Not Hispanic	2009	15,789	4.4	60.0	11,357	23.6	47.6	2,415	53.3	8,150	47.7
	2008	16,668	4.5	59.4	11,376	24.1	46.5	2,528	50.4	7,309	46.1
	2007	15,112	4.1	59.2	9,784	25.2	45.9	2,355	51.7	6,594	44.8
	2006	14,926	4.6	59.1	10,859	23.5	47.3	2,756	48.1	6,520	42.6
	2005	14,204	4.6	59.3	10,371	24.1	46.5	2,483	45.7	6,009	42.1
	2004	14,374	4.2	60.1	10,953	24.1	46.3	2,633	44.4	6,157	41.0
	2003	13,832	4.5	59.5	10,785	23.6	46.7	2,589	44.5	6,384	40.0
	2002	14,275	4.7	58.7	11,058	24.1	46.4	2,700	45.0	6,006	41.8
	2001	15,222	5.5	56.7	11,667	24.5	45.1	2,743	42.6	6,112	39.8
	2000	15,763	4.9	56.4	11,903	23.5	46.2	3,032	42.7	5,950	40.7

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

(2) Excludes data with errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 20C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Hispanic	2009	10,108	2.2	58.1	7,160	25.5	38.3	1,358	26.2	6,085	27.9
	2008	10,751	2.4	56.1	7,390	26.8	37.8	1,472	26.2	5,856	27.5
	2007	9,891	2.6	55.0	6,510	26.9	37.0	1,386	25.7	6,135	26.3
	2006	8,985	3.0	52.8	6,537	26.4	37.4	1,524	26.0	6,347	23.5
	2005	8,271	3.0	52.6	5,893	26.4	38.4	1,376	24.6	5,736	24.9
	2004	7,678	3.0	51.5	5,471	27.2	36.3	1,404	28.8	4,996	25.3
	2003	6,861	3.0	51.5	4,621	26.7	38.6	1,270	27.5	4,924	24.1
	2002	6,263	3.5	48.9	4,288	28.9	35.2	1,266	26.4	4,366	24.3
	2001	6,033	3.8	48.0	3,934	28.0	35.7	1,199	25.6	3,980	26.2
	2000	5,355	3.9	46.2	3,455	28.1	35.6	1,089	26.7	3,216	27.4
American Indian/Alaska Native	2009	915	7.0	52.0	617	23.5	47.6	202	23.3	387	31.0
	2008	940	6.4	52.4	534	22.1	51.5	185	20.0	311	32.2
	2007	955	7.0	51.5	638	24.5	44.0	172	23.3	316	33.2
	2006	958	5.7	54.9	605	28.6	43.8	161	29.2	330	34.5
	2005	914	7.0	52.8	654	23.5	45.6	165	26.7	333	42.0
	2004	863	6.4	53.0	593	22.4	48.6	167	18.6	283	26.1
	2003	886	6.9	53.5	626	22.7	48.2	176	21.0	309	30.7
	2002	921	8.3	50.6	728	24.5	49.7	176	27.3	272	33.1
	2001	941	6.5	49.6	652	22.2	47.9	206	18.0	264	26.9
	2000	996	6.8	51.6	721	26.2	44.9	207	26.6	299	34.1

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

(2) Excludes data with errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 20C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Asian/Pacific Islander	2009	804	8.8	33.8	559	31.5	33.1	154	29.9	527	28.1
	2008	796	10.3	29.1	532	29.5	32.7	152	24.3	480	25.4
	2007	759	8.8	29.1	482	29.5	32.8	144	27.8	450	29.6
	2006	738	9.2	30.4	578	33.4	31.7	171	26.9	451	23.7
	2005	643	9.3	31.6	470	30.2	34.3	148	27.7	334	26.0
	2004	623	9.6	30.7	484	30.4	31.2	139	22.3	356	25.6
	2003	606	11.7	25.2	468	25.9	33.8	149	26.2	386	26.9
	2002	603	11.4	28.4	463	26.3	32.6	121	19.8	341	23.8
	2001	617	11.5	30.6	462	26.6	35.7	135	22.2	329	24.6
	2000	597	13.4	25.1	433	31.9	32.3	132	24.2	302	26.8
Multiple Races	2009	0	*	*	0	*	*	0	*	0	*
	2008	0	*	*	0	*	*	0	*	0	*
	2007	0	*	*	0	*	*	0	*	0	*
	2006	0	*	*	0	*	*	0	*	0	*
	2005	0	*	*	0	*	*	0	*	0	*
	2004	0	*	*	0	*	*	0	*	0	*
	2003	0	*	*	0	*	*	0	*	0	*
	2002	0	*	*	0	*	*	0	*	0	*
	2001	0	*	*	0	*	*	0	*	0	*
	2000	0	*	*	0	*	*	0	*	0	*

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

(2) Excludes data with errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 20C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI <sup>(3)</sup>			Weight Gain <sup>(4)</sup>			Anemia (Low Hb/Hct) <sup>(5)</sup>			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
All Other/Unknown	2009	111	9.0	38.7	82	*	*	14	*	69	*
	2008	99	*	*	62	*	*	13	*	50	*
	2007	55	*	*	33	*	*	12	*	20	*
	2006	49	*	*	29	*	*	7	*	25	*
	2005	60	*	*	45	*	*	12	*	32	*
	2004	44	*	*	34	*	*	7	*	25	*
	2003	40	*	*	31	*	*	9	*	15	*
	2002	21	*	*	12	*	*	5	*	5	*
	2001	16	*	*	12	*	*	3	*	6	*
	2000	12	*	*	9	*	*	3	*	12	*
Total All Race/Ethnic Groups	2009	47,082	4.9	55.1	34,276	22.5	46.2	7,484	35.3	27,233	32.2
	2008	48,754	5.1	54.1	34,077	22.7	46.3	7,760	35.0	25,038	31.6
	2007	45,143	5.1	53.7	29,971	23.1	45.8	7,301	34.7	23,400	30.8
	2006	43,862	5.4	53.0	32,200	22.4	46.8	7,936	33.9	23,968	29.0
	2005	41,706	5.6	52.5	30,502	22.5	46.6	7,370	31.9	22,545	28.7
	2004	41,316	5.4	52.6	30,978	22.5	46.1	7,552	32.0	21,706	28.2
	2003	39,513	5.7	52.1	29,764	21.7	47.4	7,297	31.9	21,901	27.6
	2002	40,004	6.3	51.0	30,324	22.5	46.7	7,337	31.9	20,709	28.7
	2001	41,103	6.5	50.0	30,951	22.4	46.4	7,495	30.8	20,259	28.4
	2000	41,650	6.8	49.2	31,118	22.0	46.5	8,119	30.8	19,243	29.3

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

(2) Excludes data with errors.

(3) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).

(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

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



**Table 21C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
White, Not Hispanic	2009	23,206	83.8	0.5	26,249	29.5
	2008	23,126	81.0	0.5	26,001	28.0
	2007	20,970	80.6	0.6	24,687	28.9
	2006	21,666	82.4	0.5	25,402	30.8
	2005	20,789	82.9	0.6	24,309	31.1
	2004	21,098	83.0	0.6	24,426	30.7
	2003	23,888	83.2	0.5	23,810	31.6
	2002	24,096	83.4	0.5	24,059	32.9
	2001	24,179	83.6	0.5	24,090	33.8
	2000	24,120	83.6	0.6	23,994	32.6
Black, Not Hispanic	2009	18,794	75.7	1.0	21,138	26.3
	2008	19,302	74.1	0.9	21,819	24.6
	2007	18,070	72.8	1.2	21,066	24.3
	2006	18,081	73.9	1.3	20,982	25.2
	2005	17,217	74.4	1.1	19,730	25.4
	2004	17,230	74.2	1.4	19,550	25.8
	2003	18,937	74.7	1.2	18,897	26.7
	2002	19,032	73.3	1.3	19,044	27.2
	2001	19,844	73.8	1.2	19,770	27.1
	2000	19,629	74.3	1.3	19,540	27.0

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

(2) Excludes data with errors.

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





**Table 21C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Hispanic	2009	12,111	74.0	0.5	13,479	25.3
	2008	12,943	70.1	0.8	14,208	23.1
	2007	12,278	66.2	0.9	13,895	23.5
	2006	11,913	66.9	0.8	13,449	22.5
	2005	11,008	68.3	0.8	12,368	24.0
	2004	9,927	69.7	0.8	11,075	23.7
	2003	10,244	68.4	0.9	10,306	24.9
	2002	9,326	68.7	0.9	9,374	24.5
	2001	8,640	68.4	1.2	8,645	23.0
	2000	6,966	67.4	1.2	6,994	21.5
American Indian/Alaska Native	2009	990	76.8	1.2	1,218	26.0
	2008	896	74.6	1.1	1,237	26.3
	2007	967	73.6	0.6	1,197	30.7
	2006	956	77.0	0.8	1,248	29.6
	2005	1,028	79.8	1.1	1,224	31.0
	2004	905	79.3	0.6	1,125	31.2
	2003	1,173	78.7	1.0	1,155	28.8
	2002	1,184	77.1	0.9	1,174	28.9
	2001	1,194	76.7	0.3	1,188	27.6
	2000	1,251	73.5	0.8	1,251	29.0

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

(2) Excludes data with errors.

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



**Table 21C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Asian/Pacific Islander	2009	985	74.8	0.8	1,133	15.5
	2008	964	72.5	0.8	1,109	18.2
	2007	946	68.3	1.0	1,095	16.3
	2006	944	72.4	0.4	1,053	15.9
	2005	807	72.6	0.6	931	20.5
	2004	790	73.5	0.5	902	20.0
	2003	890	72.2	0.4	897	19.8
	2002	869	71.0	1.3	874	20.5
	2001	841	71.6	0.5	837	20.0
	2000	775	70.8	0.4	773	17.9
Multiple Races	2009	0	*	*	0	*
	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	*

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

(2) Excludes data with errors.

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



**Table 21C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
All Other/Unknown	2009	144	74.3	0.0	162	27.2
	2008	103	79.6	0.0	118	20.3
	2007	59	*	*	83	*
	2006	59	*	*	74	*
	2005	69	*	*	77	*
	2004	60	*	*	68	*
	2003	45	*	*	47	*
	2002	24	*	*	23	*
	2001	23	*	*	23	*
	2000	17	*	*	17	*
Total All Race/Ethnic Groups	2009	56,230	78.7	0.7	63,379	27.2
	2008	57,334	76.0	0.7	64,492	25.6
	2007	53,290	74.3	0.9	62,023	25.9
	2006	53,619	75.8	0.8	62,208	26.8
	2005	50,918	76.6	0.8	58,639	27.5
	2004	50,010	77.1	0.9	57,146	27.5
	2003	55,177	77.2	0.9	55,112	28.4
	2002	54,531	77.0	0.9	54,548	29.2
	2001	54,721	77.3	0.9	54,553	29.3
	2000	52,758	77.6	1.0	52,569	28.8

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

(2) Excludes data with errors.

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



**Table 22C**  
**2009 Pregnancy Nutrition Surveillance** (1)

**North Carolina**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

Summary of Trends in Smoking Indicators by Race/Ethnicity (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
White, Not Hispanic	2009	19,988	40.5	23,313	25.2	6,605	29.8	0	*	0	*
	2008	19,663	42.2	23,152	26.5	6,770	29.1	0	*	0	*
	2007	18,933	43.6	20,943	27.9	6,352	28.3	0	*	0	*
	2006	19,460	43.5	21,654	29.2	6,843	27.2	0	*	0	*
	2005	18,823	43.8	20,813	30.4	6,616	25.7	0	*	0	*
	2004	18,917	45.0	21,116	31.0	6,961	26.7	0	*	0	*
	2003	18,850	44.6	23,903	32.2	8,286	24.8	0	*	0	*
	2002	19,537	45.6	24,116	32.3	8,778	25.6	0	*	0	*
	2001	19,595	46.5	24,149	33.9	8,998	23.7	0	*	0	*
	2000	19,878	47.3	24,144	33.0	9,297	24.3	0	*	0	*
Black, Not Hispanic	2009	16,220	18.0	18,932	10.1	2,462	43.2	0	*	0	*
	2008	16,318	18.2	19,444	10.3	2,394	41.3	0	*	0	*
	2007	15,578	18.1	18,197	10.6	2,162	40.2	0	*	0	*
	2006	16,330	17.6	18,184	11.3	2,296	37.9	0	*	0	*
	2005	15,523	17.6	17,336	11.6	2,230	38.1	0	*	0	*
	2004	15,703	18.1	17,361	11.8	2,383	39.3	0	*	0	*
	2003	15,281	17.7	19,063	12.2	2,664	35.6	0	*	0	*
	2002	15,696	17.5	19,153	12.4	2,711	35.4	0	*	0	*
	2001	16,602	18.0	19,895	12.5	2,942	33.5	0	*	0	*
	2000	16,713	17.4	19,740	12.1	2,882	32.5	0	*	0	*

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

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

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



**Table 22C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Hispanic	2009	10,602	3.6	12,255	1.2	307	61.9	0	*	0	*
	2008	10,711	3.2	13,047	1.1	284	60.9	0	*	0	*
	2007	10,385	3.1	12,397	1.1	260	61.5	0	*	0	*
	2006	10,179	3.5	12,036	1.2	287	62.0	0	*	0	*
	2005	9,496	3.3	11,118	1.2	248	57.7	0	*	0	*
	2004	8,741	3.1	10,028	1.5	226	55.3	0	*	0	*
	2003	8,081	3.7	10,399	1.4	296	54.7	0	*	0	*
	2002	7,346	3.8	9,441	1.6	273	56.0	0	*	0	*
	2001	6,900	3.8	8,712	1.6	258	55.8	0	*	0	*
	2000	5,899	4.4	7,067	1.9	256	56.6	0	*	0	*
American Indian/Alaska Native	2009	967	26.8	991	22.8	187	20.3	0	*	0	*
	2008	994	29.4	907	26.9	209	23.9	0	*	0	*
	2007	1,013	30.4	974	26.8	229	19.2	0	*	0	*
	2006	993	31.2	953	26.3	229	21.8	0	*	0	*
	2005	940	27.0	1,033	29.1	209	18.2	0	*	0	*
	2004	870	25.6	907	26.1	179	31.8	0	*	0	*
	2003	921	31.7	1,178	27.1	292	17.5	0	*	0	*
	2002	973	31.3	1,180	26.8	300	28.3	0	*	0	*
	2001	1,007	31.5	1,194	28.1	312	16.7	0	*	0	*
	2000	1,055	33.0	1,253	29.6	345	20.3	0	*	0	*

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

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

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



**Table 22C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2009	773	8.9	1,000	2.9	55	*	0	*	0	*
	2008	754	8.6	975	3.3	50	*	0	*	0	*
	2007	750	10.7	956	3.6	64	*	0	*	0	*
	2006	738	12.3	950	5.1	80	*	0	*	0	*
	2005	646	10.7	814	3.3	43	*	0	*	0	*
	2004	653	11.3	795	5.2	59	*	0	*	0	*
	2003	631	10.3	904	3.9	64	*	0	*	0	*
	2002	632	13.1	875	4.9	82	*	0	*	0	*
	2001	629	13.2	843	3.3	83	*	0	*	0	*
	2000	601	13.3	777	4.2	80	*	0	*	0	*
Multiple Races	2009	0	*	0	*	0	*	0	*	0	*
	2008	0	*	0	*	0	*	0	*	0	*
	2007	0	*	0	*	0	*	0	*	0	*
	2006	0	*	0	*	0	*	0	*	0	*
	2005	0	*	0	*	0	*	0	*	0	*
	2004	0	*	0	*	0	*	0	*	0	*
	2003	0	*	0	*	0	*	0	*	0	*
	2002	0	*	0	*	0	*	0	*	0	*
	2001	0	*	0	*	0	*	0	*	0	*
	2000	0	*	0	*	0	*	0	*	0	*

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

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

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

**Table 22C**  
**2009 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
All Other/Unknown	2009	113	25.7	150	11.3	24	*	0	*	0	*
	2008	84	*	105	12.4	21	*	0	*	0	*
	2007	62	*	60	*	9	*	0	*	0	*
	2006	60	*	60	*	12	*	0	*	0	*
	2005	63	*	70	*	17	*	0	*	0	*
	2004	51	*	61	*	7	*	0	*	0	*
	2003	43	*	45	*	17	*	0	*	0	*
	2002	20	*	24	*	4	*	0	*	0	*
	2001	18	*	22	*	4	*	0	*	0	*
	2000	14	*	17	*	4	*	0	*	0	*
Total All Race/Ethnic Groups	2009	48,663	24.1	56,641	14.5	9,640	34.2	0	*	0	*
	2008	48,524	24.7	57,630	14.9	9,728	33.1	0	*	0	*
	2007	46,721	25.2	53,527	15.4	9,076	32.1	0	*	0	*
	2006	47,760	25.4	53,837	16.4	9,747	30.8	0	*	0	*
	2005	45,491	25.6	51,184	17.2	9,363	29.4	0	*	0	*
	2004	44,935	26.6	50,268	18.0	9,815	30.7	0	*	0	*
	2003	43,807	26.9	55,492	19.0	11,619	28.0	0	*	0	*
	2002	44,204	27.9	54,789	19.5	12,148	28.7	0	*	0	*
	2001	44,751	28.5	54,815	20.4	12,597	26.8	0	*	0	*
	2000	44,160	29.4	52,998	20.5	12,864	26.9	0	*	0	*

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

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

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



**Table 23C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)	High (4)							
		Number	%	%	Number	%	Number	%	Number	%
White, Not Hispanic	2009	23,508	7.9	7.9	23,156	12.7	20,216	3.5	22,841	61.7
	2008	23,293	8.3	7.9	22,950	12.1	20,163	3.7	23,142	58.7
	2007	21,105	8.6	8.0	20,775	12.5	18,172	3.8	20,442	58.5
	2006	21,779	8.8	8.0	21,444	13.5	18,539	3.7	21,080	57.3
	2005	20,920	8.9	8.2	20,590	13.5	17,813	3.8	20,221	55.7
	2004	21,178	8.2	8.7	20,872	12.9	18,173	3.5	20,531	55.6
	2003	23,945	8.8	8.6	23,628	13.2	20,505	3.8	20,162	54.4
	2002	24,177	8.4	8.6	23,855	12.5	20,864	3.5	20,642	53.7
	2001	24,212	8.2	9.4	23,888	12.9	20,815	3.4	20,945	53.2
	2000	24,188	7.5	9.7	23,809	11.9	20,959	3.1	20,914	52.3
Black, Not Hispanic	2009	18,988	12.8	3.9	18,666	17.2	15,452	5.8	18,252	50.8
	2008	19,521	13.0	3.7	19,211	17.7	15,807	5.6	19,153	49.2
	2007	18,254	13.0	4.1	17,963	17.8	14,758	5.8	17,628	49.4
	2006	18,226	12.8	3.9	17,891	18.6	14,570	5.4	17,540	47.8
	2005	17,351	12.9	4.0	17,038	18.3	13,915	5.5	16,657	44.8
	2004	17,341	12.8	4.3	17,027	17.9	13,971	5.7	16,709	43.7
	2003	18,988	13.1	4.7	18,675	18.6	15,197	5.5	16,291	41.5
	2002	19,095	12.9	4.2	18,786	18.4	15,324	5.4	16,701	40.7
	2001	19,847	12.0	4.4	19,513	18.2	15,963	5.0	17,353	40.1
	2000	19,658	11.9	5.2	19,294	17.6	15,893	4.7	16,980	37.1

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.





**Table 23C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Hispanic	2009	12,259	5.5	8.1	12,127	12.1	10,658	2.4	11,982	83.0
	2008	13,050	5.6	8.1	12,879	12.0	11,332	2.5	12,965	82.8
	2007	12,389	5.5	7.9	12,262	12.0	10,791	2.4	12,174	83.6
	2006	12,018	5.2	8.1	11,872	12.2	10,421	2.3	11,805	83.9
	2005	11,106	5.4	8.2	10,964	12.3	9,616	2.3	10,816	82.2
	2004	10,023	5.7	8.7	9,918	12.2	8,709	2.4	9,815	83.3
	2003	10,379	5.3	8.4	10,230	11.7	9,027	2.3	9,074	82.7
	2002	9,426	5.6	8.6	9,311	11.7	8,220	2.5	8,359	82.5
	2001	8,701	5.4	8.3	8,602	11.9	7,576	2.5	7,747	80.2
	2000	7,043	4.9	9.1	6,943	10.8	6,186	2.5	6,197	77.5
American Indian/Alaska Native	2009	1,002	10.3	8.5	979	15.4	828	4.8	971	40.2
	2008	909	10.3	6.3	891	15.2	756	5.2	907	52.6
	2007	984	10.4	6.0	960	17.5	792	4.5	953	43.5
	2006	961	9.4	7.6	950	14.2	815	4.7	941	42.0
	2005	1,034	10.2	6.6	1,017	16.3	851	4.7	1,016	40.7
	2004	907	9.3	8.4	894	14.2	767	3.8	896	45.2
	2003	1,173	11.0	7.1	1,147	16.2	960	5.5	986	41.1
	2002	1,185	9.5	6.8	1,161	15.2	984	5.0	1,049	38.4
	2001	1,190	8.9	7.0	1,173	13.9	1,010	4.4	891	40.5
	2000	1,247	8.8	7.8	1,227	13.7	1,059	4.0	997	38.0

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

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

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



**Table 23C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)	High (4)							
		Number	%	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2009	1,003	8.4	5.7	991	12.6	865	4.0	974	68.4
	2008	977	7.1	4.5	961	12.6	840	3.5	972	67.1
	2007	958	7.9	4.7	945	12.6	826	3.5	923	65.2
	2006	951	10.1	5.8	930	14.4	796	5.0	927	63.6
	2005	813	8.0	5.7	804	12.9	700	4.0	789	61.5
	2004	796	6.9	5.0	788	14.5	674	3.1	760	60.8
	2003	904	7.0	5.0	894	12.5	782	3.5	762	58.4
	2002	876	6.5	3.9	868	12.2	762	3.5	743	55.0
	2001	843	7.6	5.7	833	12.2	731	3.3	730	51.4
	2000	776	8.0	5.5	771	13.0	671	4.3	649	51.5
Multiple Races	2009	0	*	*	0	*	0	*	0	*
	2008	0	*	*	0	*	0	*	0	*
	2007	0	*	*	0	*	0	*	0	*
	2006	0	*	*	0	*	0	*	0	*
	2005	0	*	*	0	*	0	*	0	*
	2004	0	*	*	0	*	0	*	0	*
	2003	0	*	*	0	*	0	*	0	*
	2002	0	*	*	0	*	0	*	0	*
	2001	0	*	*	0	*	0	*	0	*
	2000	0	*	*	0	*	0	*	0	*

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 23C**  
**2009 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)	Number	%	Number	%	Number	%
		Number	%	%						
All Other/Unknown	2009	152	5.9	5.9	147	8.8	134	3.7	148	62.8
	2008	104	3.8	3.8	104	4.8	99	*	101	67.3
	2007	61	*	*	61	*	51	*	60	*
	2006	60	*	*	60	*	52	*	59	*
	2005	70	*	*	69	*	58	*	66	*
	2004	61	*	*	59	*	57	*	57	*
	2003	46	*	*	45	*	43	*	39	*
	2002	22	*	*	20	*	17	*	18	*
	2001	22	*	*	22	*	20	*	18	*
	2000	17	*	*	17	*	14	*	15	*
Total All Race/Ethnic Groups	2009	56,912	9.1	6.6	56,066	14.1	48,153	4.0	55,168	62.5
	2008	57,854	9.3	6.4	56,996	14.0	48,997	4.1	57,240	61.0
	2007	53,751	9.4	6.6	52,966	14.3	45,390	4.1	52,180	61.1
	2006	53,995	9.4	6.6	53,147	15.0	45,193	4.0	52,352	60.0
	2005	51,294	9.5	6.7	50,482	14.9	42,953	4.0	49,565	57.6
	2004	50,306	9.3	7.1	49,558	14.5	42,351	4.0	48,768	57.0
	2003	55,435	9.6	7.1	54,619	14.8	46,514	4.1	47,314	55.2
	2002	54,781	9.5	7.0	54,001	14.5	46,171	4.0	47,512	53.9
	2001	54,815	9.1	7.3	54,031	14.6	46,115	3.8	47,684	52.6
	2000	52,929	8.8	7.8	52,061	14.0	44,782	3.6	45,752	49.8

- (1) Reporting period is January 1 through December 31.
- (2) Excludes data with errors.
- (3) <2500 g.
- (4) >4000 g.
- (5) <37 weeks gestation.
- (6) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

