

**Table 1C**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Demographic Indicators** <sup>(2)</sup>

Total Records	Number	%	Source of Data	Number	%
Complete Records	45,660	81.8	WIC	54,203	97.1
Prenatal Records	107	0.2	Maternal Health	0	0.0
Postpartum Records	10,044	18.0	Other	1,608	2.9
<b>Total Records Accepted</b>	<b>55,811</b>		<b>Total</b>	<b>55,811</b>	<b>100.0</b>
			<i>Excluded Unknown:</i> 0		<i>0.0</i>

Race/Ethnic Distribution	Number	%	Age Distribution	Number	%	Education Distribution	Number	%
White, Not Hispanic	24,078	43.1	< 15 Years	351	0.6	< High School	20,304	36.5
Black, Not Hispanic	19,171	34.3	15 - 17 Years	4,506	8.1	High School	21,859	39.3
Hispanic	10,428	18.7	18 - 19 Years	7,760	13.9	> High School	13,467	24.2
American Indian/Alaskan Native	1,180	2.1	20 - 29 Years	33,790	60.5	<b>Total</b>	<b>55,630</b>	<b>100.0</b>
Asian/Pacific Islander	907	1.6	30 - 39 Years	8,890	15.9			
All Other	47	0.1	>= 40 Years	514	0.9			
<b>Total</b>	<b>55,811</b>	<b>100.0</b>	<b>Total</b>	<b>55,811</b>	<b>100.0</b>	<i>Excluded Unknown:</i> 181		<i>0.3</i>
<i>Excluded Unknown:</i> 0		<i>0.0</i>	<i>Excluded Unknown:</i> 0		<i>0.0</i>			

% Poverty Level	Number	%	Program Participation <sup>(3)</sup>	Number	%	Migrant Status	Number	%
0 - 50	5,300	25.3	WIC	45,767	0.0	Yes	695	1.5
51 - 100	5,950	28.4	Food Stamps	45,767	12.0	No	45,152	98.5
101 - 130	4,189	20.0	Medicaid	45,767	62.7	<b>Total</b>	<b>45,847</b>	<b>100.0</b>
131 - 150	2,311	11.0	TANF	45,767	2.7			
151 - 185	3,074	14.7	<i>Excluded Unknown:</i>			<i>Excluded Unknown:</i> 9,964		<i>17.9</i>
186 - 200	35	0.2	WIC:	0	0.0			
> 200	78	0.4	Food Stamps:	0	0.0			
Adjunctive Eligibility	0	0.0	Medicaid:	0	0.0			
<b>Total</b>	<b>20,937</b>	<b>100.0</b>	TANF:	0	0.0			
<i>Excluded Unknown:</i> 34,874		<i>62.5</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**  
**2003 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	40,522	13.0	658,420	12.7
Normal Weight	40,522	41.0	658,420	45.2
Overweight	40,522	14.0	658,420	14.4
Obese	40,522	32.0	658,420	27.8
Maternal Weight Gain (4)				
Less Than Ideal	30,146	25.3	558,067	25.6
Ideal	30,146	33.3	558,067	29.6
Greater Than Ideal	30,146	41.4	558,067	44.8
Anemia (Low Hb/Hct) (5)				
1st Trimester	13,160	6.1	196,351	6.5
2nd Trimester	13,054	10.9	186,011	10.3
3rd Trimester	7,297	31.9	100,071	30.6
Postpartum	21,901	27.6	241,000	28.1
Parity (6)				
0	55,779	40.8	640,776	46.5
1	55,779	30.8	640,776	27.3
2	55,779	17.6	640,776	15.2
≥ 3	55,779	10.7	640,776	11.0
Interpregnancy Interval				
< 6 Months	33,983	12.3	378,012	13.0
6 - <18 Months	33,983	25.8	378,012	27.6
≥18 Months	33,983	62.0	378,012	59.4

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

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI < 19.8), normal weight (BMI 19.9 to 26.0), overweight (BMI >26.0 to 29.0), obese (BMI >29.0).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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	55,177	77.2	437,601	75.9
No Care	55,177	0.9	437,601	9.6
WIC Enrollment				
1st Trimester	55,112	28.4	666,694	27.4
2nd Trimester	55,112	34.5	666,694	29.4
3rd Trimester	55,112	19.8	666,694	23.4
Postpartum (3)	55,112	17.3	666,694	19.9
Smoking				
3 Months Prior to Pregnancy	43,807	26.9	591,104	30.8
During Pregnancy	43,790	17.0	528,742	19.2
Last 3 Months of Pregnancy	55,492	19.0	423,755	20.3
Postpartum	0	*	467,521	20.8
Smoking Changes (4)				
Quit Smoking by First Prenatal Visit	11,757	37.3	165,120	41.5
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	11,619	28.0	107,528	31.1
Smoking in Household				
During Pregnancy	0	*	305,692	27.7
Postpartum	0	*	340,900	24.0
Drinking				
3 Months Prior to Pregnancy	100	4.0	535,600	8.8
Last 3 Months of Pregnancy	55,285	0.0	414,835	0.8

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

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

**Table 2C**  
**2003 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	55,435	1.7	572,813	1.1
Low	55,435	7.9	572,813	6.9
Normal	55,435	83.2	572,813	84.5
High	55,435	7.1	572,813	7.5
Preterm (4)	54,619	14.8	559,297	11.2
Full term Low Birth Weight (5)	46,514	4.1	478,431	4.0
Multiple Births	55,704	1.6	561,253	1.7
Breastfeeding				
Ever Breastfed	47,314	55.2	583,994	55.7

(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**  
**2003 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/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
<b>North Carolina</b>	<b>55,811</b>	<b>43.1</b>	<b>34.3</b>	<b>18.7</b>	<b>2.1</b>	<b>1.6</b>	<b>0.1</b>
<b>Nation (Prior Year)</b>	<b>727,815</b>	<b>49.8</b>	<b>24.9</b>	<b>20.1</b>	<b>1.2</b>	<b>2.8</b>	<b>1.2</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**  
**2003 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>55,811</b>	<b>0.6</b>	<b>8.1</b>	<b>13.9</b>	<b>60.5</b>	<b>15.9</b>	<b>0.9</b>	<b>0.0</b>
<b>Nation (Prior Year)</b>	<b>727,815</b>	<b>0.5</b>	<b>7.3</b>	<b>14.1</b>	<b>59.6</b>	<b>17.3</b>	<b>1.2</b>	<b>0.0</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**  
**2003 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>										
	Pregpregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
<b>North Carolina</b>	<b>40,522</b>	<b>13.0</b>	<b>45.9</b>	<b>30,146</b>	<b>25.3</b>	<b>41.4</b>	<b>7,297</b>	<b>31.9</b>	<b>21,901</b>	<b>27.6</b>
<b>Nation (Prior Year)</b>	<b>658,420</b>	<b>12.7</b>	<b>42.2</b>	<b>558,067</b>	<b>25.6</b>	<b>44.8</b>	<b>100,071</b>	<b>30.6</b>	<b>241,000</b>	<b>28.1</b>

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

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
<b>North Carolina</b>	<b>55,177</b>	<b>77.2</b>	<b>0.9</b>	<b>55,112</b>	<b>28.4</b>
<b>Nation (Prior Year)</b>	<b>437,601</b>	<b>75.9</b>	<b>9.6</b>	<b>666,694</b>	<b>27.4</b>

(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 7C**  
**2003 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	%	Number	%
<b>North Carolina</b>	<b>43,807</b>	<b>26.9</b>	<b>55,492</b>	<b>19.0</b>	<b>11,619</b>	<b>28.0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Nation (Prior Year)</b>	<b>591,104</b>	<b>30.8</b>	<b>423,755</b>	<b>20.3</b>	<b>107,528</b>	<b>31.1</b>	<b>305,692</b>	<b>27.7</b>	<b>340,900</b>	<b>24.0</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**  
**2003 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>55,435</b>	<b>9.6</b>	<b>7.1</b>	<b>54,619</b>	<b>14.8</b>	<b>46,514</b>	<b>4.1</b>	<b>47,314</b>	<b>55.2</b>
<b>Nation (Prior Year)</b>	<b>572,813</b>	<b>8.0</b>	<b>7.5</b>	<b>559,297</b>	<b>11.2</b>	<b>478,431</b>	<b>4.0</b>	<b>583,994</b>	<b>55.7</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**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Maternal Health Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Health Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>										
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum	
							Number	%	Number	%
<b>Race/Ethnicity</b>										
White, Not Hispanic	17,836	16.0	42.4	13,421	21.2	45.8	3,104	24.3	9,883	21.2
Black, Not Hispanic	14,158	11.1	53.1	10,946	27.5	40.1	2,589	44.5	6,384	40.0
Hispanic	6,978	8.0	42.3	4,651	31.3	32.5	1,270	27.5	4,924	24.1
American Indian/Alaskan Native	898	15.3	49.2	629	27.0	42.1	176	21.0	309	30.7
Asian/Pacific Islander	612	24.0	20.8	468	29.3	29.1	149	26.2	386	26.9
All Other/Unknown	40	*	*	31	*	*	9	*	15	*
<b>Total</b>	<b>40,522</b>	<b>13.0</b>	<b>45.9</b>	<b>30,146</b>	<b>25.3</b>	<b>41.4</b>	<b>7,297</b>	<b>31.9</b>	<b>21,901</b>	<b>27.6</b>
<b>Age</b>										
< 15 Years	273	18.3	27.5	199	21.6	47.7	46	*	118	36.4
15 - 17 Years	3,582	22.6	27.5	2,639	23.9	43.5	537	35.4	1,585	33.3
18 - 19 Years	6,038	18.3	35.0	4,496	21.3	45.2	937	34.0	2,789	30.3
20 - 29 Years	24,287	12.0	47.6	18,165	25.7	40.7	4,579	31.4	13,376	27.4
30 - 39 Years	6,018	6.3	61.1	4,407	28.4	39.0	1,135	30.9	3,823	23.9
>= 40 Years	324	6.5	62.3	240	35.0	33.8	63	*	210	20.0
Unknown	0	*	*	0	*	*	0	*	0	*
<b>Total</b>	<b>40,522</b>	<b>13.0</b>	<b>45.9</b>	<b>30,146</b>	<b>25.3</b>	<b>41.4</b>	<b>7,297</b>	<b>31.9</b>	<b>21,901</b>	<b>27.6</b>
<b>Education</b>										
< High School	14,669	14.7	41.5	10,453	28.2	38.5	2,593	34.0	7,916	28.4
High School	16,302	12.7	47.7	12,420	24.1	42.6	2,925	32.3	8,302	28.9
> High School	9,446	10.9	49.7	7,217	23.1	43.5	1,764	28.3	5,618	24.5
Unknown	105	7.6	49.5	56	*	*	15	*	65	*
<b>Total</b>	<b>40,522</b>	<b>13.0</b>	<b>45.9</b>	<b>30,146</b>	<b>25.3</b>	<b>41.4</b>	<b>7,297</b>	<b>31.9</b>	<b>21,901</b>	<b>27.6</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 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>					
	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
<b>Race/Ethnicity</b>					
White, Not Hispanic	23,888	83.2	0.5	23,810	31.6
Black, Not Hispanic	18,937	74.7	1.2	18,897	26.7
Hispanic	10,244	68.4	0.9	10,306	24.9
American Indian/Alaskan Native	1,173	78.7	1.0	1,155	28.8
Asian/Pacific Islander	890	72.2	0.4	897	19.8
All Other/Unknown	45	*	*	47	*
<b>Total</b>	<b>55,177</b>	<b>77.2</b>	<b>00.9</b>	<b>55,112</b>	<b>28.4</b>
<b>Age</b>					
< 15 Years	344	58.1	1.2	348	25.6
15 - 17 Years	4,451	69.9	1.1	4,462	32.5
18 - 19 Years	7,665	76.1	0.7	7,682	32.6
20 - 29 Years	33,428	78.2	0.8	33,341	27.5
30 - 39 Years	8,786	79.2	0.9	8,778	26.5
>= 40 Years	503	72.6	2.6	501	21.8
Unknown	0	*	*	0	*
<b>Total</b>	<b>55,177</b>	<b>77.2</b>	<b>00.9</b>	<b>55,112</b>	<b>28.4</b>
<b>Education</b>					
< High School	20,030	70.4	1.2	20,047	28.8
High School	21,645	79.7	0.7	21,581	29.2
> High School	13,368	83.7	0.6	13,320	26.4
Unknown	134	47.8	1.5	164	25.6
<b>Total</b>	<b>55,177</b>	<b>77.2</b>	<b>00.9</b>	<b>55,112</b>	<b>28.4</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.

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

**Table 11C**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Smoking Indicators by Race/Ethnicity, Age, or Education**

<b>Smoking Indicators by Race/Ethnicity, Age, or Education</b> <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	18,850	44.6	23,903	32.2	8,286	24.8	0	*	0	*
Black, Not Hispanic	15,281	17.7	19,063	12.2	2,664	35.6	0	*	0	*
Hispanic	8,081	3.7	10,399	1.4	296	54.7	0	*	0	*
American Indian/Alaskan Native	921	31.7	1,178	27.1	292	17.5	0	*	0	*
Asian/Pacific Islander	631	10.3	904	3.9	64	*	0	*	0	*
All Other/Unknown	43	*	45	*	17	*	0	*	0	*
<b>Total</b>	<b>43,807</b>	<b>26.9</b>	<b>55,492</b>	<b>19.0</b>	<b>11,619</b>	<b>28.0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Age</b>										
< 15 Years	305	13.8	349	6.6	41	*	0	*	0	*
15 - 17 Years	3,899	24.4	4,482	15.6	938	33.6	0	*	0	*
18 - 19 Years	6,508	31.1	7,712	19.9	1,999	34.2	0	*	0	*
20 - 29 Years	26,188	27.2	33,595	19.4	7,020	27.7	0	*	0	*
30 - 39 Years	6,554	23.8	8,848	18.4	1,532	18.3	0	*	0	*
>= 40 Years	353	26.3	506	21.5	89	*	0	*	0	*
Unknown	0	*	0	*	0	*	0	*	0	*
<b>Total</b>	<b>43,807</b>	<b>26.9</b>	<b>55,492</b>	<b>19.0</b>	<b>11,619</b>	<b>28.0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>Education</b>										
< High School	16,267	28.7	20,213	22.6	4,620	21.1	0	*	0	*
High School	17,367	29.0	21,713	19.9	4,964	31.7	0	*	0	*
> High School	10,040	20.5	13,398	12.3	2,032	34.8	0	*	0	*
Unknown	133	4.5	168	3.6	3	*	0	*	0	*
<b>Total</b>	<b>43,807</b>	<b>26.9</b>	<b>55,492</b>	<b>19.0</b>	<b>11,619</b>	<b>28.0</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**  
**2003 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Infant Health Indicators by Race/Ethnicity, Age, or Education**

<b>Infant Health Indicators by Race/Ethnicity, Age, or Education</b> (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	23,945	8.8	8.6	23,628	13.2	20,505	3.8	20,162	54.4
Black, Not Hispanic	18,988	13.1	4.7	18,675	18.6	15,197	5.5	16,291	41.5
Hispanic	10,379	5.3	8.4	10,230	11.7	9,027	2.3	9,074	82.7
American Indian/Alaskan Native	1,173	11.0	7.1	1,147	16.2	960	5.5	986	41.1
Asian/Pacific Islander	904	7.0	5.0	894	12.5	782	3.5	762	58.4
All Other/Unknown	46	*	*	45	*	43	*	39	*
<b>Total</b>	<b>55,435</b>	<b>9.6</b>	<b>7.1</b>	<b>54,619</b>	<b>14.8</b>	<b>46,514</b>	<b>4.1</b>	<b>47,314</b>	<b>55.2</b>
<b>Age</b>									
< 15 Years	348	8.3	3.4	345	23.2	265	3.4	302	37.4
15 - 17 Years	4,479	8.2	4.0	4,427	15.7	3,734	4.7	3,759	44.9
18 - 19 Years	7,702	8.4	5.3	7,622	14.1	6,546	4.8	6,429	49.9
20 - 29 Years	33,577	7.5	7.3	33,035	14.0	28,392	3.8	28,773	56.3
30 - 39 Years	8,823	8.7	9.6	8,698	17.2	7,204	4.3	7,620	61.1
>= 40 Years	506	11.3	10.1	492	24.2	373	4.3	431	56.8
Unknown	0	*	*	0	*	0	*	0	*
<b>Total</b>	<b>55,435</b>	<b>9.6</b>	<b>7.1</b>	<b>54,619</b>	<b>14.8</b>	<b>46,514</b>	<b>4.1</b>	<b>47,314</b>	<b>55.2</b>
<b>Education</b>									
< High School	20,188	8.2	5.9	19,879	15.0	16,889	4.5	17,225	53.8
High School	21,697	7.9	7.5	21,381	14.6	18,253	4.1	18,586	50.7
> High School	13,389	7.6	8.3	13,212	14.9	11,247	3.5	11,363	64.4
Unknown	161	5.0	11.8	147	14.3	125	2.4	140	76.4
<b>Total</b>	<b>55,435</b>	<b>9.6</b>	<b>7.1</b>	<b>54,619</b>	<b>14.8</b>	<b>46,514</b>	<b>4.1</b>	<b>47,314</b>	<b>55.2</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**  
**2003 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)		
		Low (4)	High (5)							
Number	%	%	Number	%	%	Number	%	Number	%	
<b>Prepregnancy BMI</b>										
Underweight	3,781	34.4	24.5	5,240	12.9	3.1	5,218	15.6	4,402	6.7
Normal Weight	12,503	27.3	36.7	16,533	8.6	5.5	16,452	13.4	14,248	4.1
Overweight	4,256	13.0	58.9	5,616	7.7	7.7	5,579	13.1	4,849	3.0
Obese	9,580	24.4	46.3	12,822	8.4	10.4	12,730	14.1	10,934	3.3
<b>Weight Gain</b>										
< Ideal	-	-	-	7,592	13.4	3.8	7,555	17.8	6,213	6.2
Ideal	-	-	-	10,033	8.5	5.6	9,995	13.3	8,665	4.0
> Ideal	-	-	-	12,452	5.5	10.2	12,359	10.6	11,043	2.5
<b>Smoking During Pregnancy</b>										
Smokers	5,249	25.7	41.7	7,385	13.1	4.2	7,341	14.7	6,259	6.9
Non-Smokers	24,503	25.2	41.3	36,059	8.1	7.7	35,858	13.7	30,939	3.4

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

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
2003	55,811	43.1	34.3	18.7	2.1	1.6	0.1
2002	55,165	44.1	35.0	17.2	2.2	1.6	0.0
2001	55,199	44.1	36.3	15.8	2.2	1.5	0.0
2000	53,329	45.6	37.3	13.3	2.4	1.5	0.0
1999	51,943	46.8	38.3	11.1	2.3	1.5	0.0
1998	53,239	48.2	38.4	9.5	2.4	1.5	0.0
1997	51,533	49.0	38.8	8.4	2.3	1.5	0.0
1996	50,823	50.4	39.3	6.6	2.3	1.3	0.0
1995	48,256	50.6	40.5	5.3	2.2	1.3	0.0
1994	0	*	*	*	*	*	*
1993	0	*	*	*	*	*	*
1992	0	*	*	*	*	*	*
1991	43,126	48.9	46.4	2.0	2.2	0.5	0.1
1990	46,977	47.7	47.9	1.7	2.2	0.5	0.1
1989	34,031	45.9	50.0	1.4	2.2	0.4	0.1
1988	25,861	44.3	52.0	1.1	2.3	0.3	0.0
1987	5,013	39.5	58.6	0.3	1.2	0.3	0.0
1986	2,715	37.2	57.7	0.5	4.3	0.3	0.0
1985	3,558	36.8	58.5	0.4	4.1	0.2	0.0
1984	4,281	36.2	59.2	0.6	3.7	0.2	0.1
1983	4,460	36.7	58.6	0.6	3.6	0.2	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**  
**2003 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 %
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
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

(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**  
**2003 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 %
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**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Maternal Health Indicators**

<b>Summary of Trends in Maternal Health Indicators</b> <sup>(2)</sup>											
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)				
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum		
	Number	%	%	Number	%	%	Number	%	Number	%	
2003	40,522	13.0	45.9	30,146	25.3	41.4	7,297	31.9	21,901	27.6	
2002	40,905	14.0	44.9	30,754	26.2	40.8	7,337	31.9	20,709	28.7	
2001	41,131	13.4	43.7	30,999	26.0	40.3	7,495	30.8	20,259	28.4	
2000	41,678	14.2	43.2	31,165	25.7	40.7	8,119	30.8	19,243	29.3	
1999	42,713	15.2	41.8	32,488	28.5	41.8	7,172	31.5	18,791	27.5	
1998	43,380	15.5	41.0	34,298	27.9	42.3	7,452	31.1	18,855	27.3	
1997	24,024	16.4	39.2	18,765	27.8	41.3	6,953	29.4	17,991	27.2	
1996	22,827	16.9	37.8	17,641	28.4	40.9	6,853	29.2	17,702	25.8	
1995	22,756	18.6	36.3	17,523	28.3	40.8	6,716	30.0	20,740	28.0	
1994	0	*	*	0	*	*	0	*	0	*	
1993	0	*	*	0	*	*	0	*	0	*	
1992	0	*	*	0	*	*	0	*	0	*	
1991	35,812	20.7	31.3	20,338	32.2	37.9	9,025	30.1	18,682	23.1	
1990	37,641	18.7	34.1	28,298	28.4	38.8	9,979	31.2	26,210	32.6	
1989	27,609	20.3	31.2	20,557	31.1	36.4	7,929	30.1	7,044	25.5	

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

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**  
**Summary of Trends in Maternal Health Indicators**

<b>Summary of Trends in Maternal Health Indicators</b> <sup>(2)</sup>										
Year	Pregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
1988	21,024	20.9	30.8	15,528	31.1	36.4	6,728	29.5	5,825	27.3
1987	4,792	19.5	33.0	0	*	*	1,022	30.2	2,378	21.3
1986	2,602	19.8	27.9	0	*	*	606	27.7	1,656	20.9
1985	3,385	21.1	26.5	0	*	*	934	27.2	2,173	17.7
1984	4,115	22.3	25.1	0	*	*	1,001	29.8	2,131	17.3
1983	4,259	22.4	24.7	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 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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	%
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	*
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

(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**  
**2003 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	%
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**  
**2003 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Smoking Indicators**

Summary of Trends in Smoking Indicators (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	%
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	*
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	*

(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**  
**2003 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	%
1986	0	*	0	*	0	*	0	*	
1985	0	*	0	*	0	*	0	*	
1984	0	*	0	*	0	*	0	*	
1983	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**  
**2003 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**  
**Summary of Trends in Infant Health Indicators**

<b>Summary of Trends in Infant Health Indicators</b> (2)									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
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
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

(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**  
**2003 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	%
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**  
**2003 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**

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

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
White, Not Hispanic	2003	17,836	16.0	42.4	13,421	21.2	45.8	3,104	24.3	9,883	21.2
	2002	18,360	17.0	41.2	13,959	22.4	45.0	3,069	23.2	9,719	22.6
	2001	18,281	16.2	39.8	14,244	22.2	44.6	3,209	23.8	9,568	22.3
	2000	18,942	17.4	39.3	14,618	22.1	44.2	3,656	22.7	9,464	22.8
	1999	20,012	18.3	38.1	15,417	24.4	46.5	3,329	23.0	9,436	21.3
	1998	20,857	18.3	37.6	16,765	23.6	46.8	3,604	22.1	9,800	21.4
	1997	11,476	19.3	36.0	9,119	23.6	45.7	3,296	21.1	9,541	21.1
	1996	11,454	19.8	35.0	9,009	24.1	45.3	3,315	21.0	9,515	20.2
	1995	11,759	21.3	33.0	9,066	23.8	44.8	3,308	21.4	11,173	21.8
	1994	0	*	*	0	*	*	0	*	0	*
Black, Not Hispanic	2003	14,158	11.1	53.1	10,946	27.5	40.1	2,589	44.5	6,384	40.0
	2002	14,624	11.9	52.5	11,254	28.1	40.0	2,700	45.0	6,006	41.8
	2001	15,237	11.3	51.0	11,690	28.4	38.8	2,743	42.6	6,112	39.8
	2000	15,773	11.3	50.6	11,926	27.3	40.0	3,032	42.7	5,950	40.7
	1999	16,511	12.5	48.3	12,609	32.0	38.6	2,764	43.1	6,115	38.5
	1998	16,842	12.7	47.1	13,271	31.8	39.2	2,855	43.1	6,223	37.7
	1997	9,245	13.3	45.6	7,194	31.4	38.3	2,777	40.3	6,160	37.7
	1996	8,788	13.7	43.4	6,751	33.3	37.1	2,767	40.5	6,216	35.2
	1995	8,906	15.4	41.7	6,891	33.1	37.1	2,751	40.8	7,616	37.6
	1994	0	*	*	0	*	*	0	*	0	*

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

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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	2003	6,978	8.0	42.3	4,651	31.3	32.5	1,270	27.5	4,924	24.1
	2002	6,354	8.8	40.4	4,323	33.1	30.0	1,266	26.4	4,366	24.3
	2001	6,038	9.1	39.1	3,937	32.1	30.2	1,199	25.6	3,980	26.2
	2000	5,357	9.3	37.0	3,456	32.6	30.4	1,089	26.7	3,216	27.4
	1999	4,613	10.1	37.7	3,236	32.2	34.5	812	29.4	2,682	23.6
	1998	3,981	10.3	36.0	2,927	33.9	33.8	689	28.9	2,303	23.7
	1997	2,231	11.1	32.3	1,599	32.5	32.6	610	26.7	1,770	23.8
	1996	1,572	11.8	31.9	1,111	33.8	32.9	515	23.3	1,426	21.5
	1995	1,146	12.1	31.3	792	33.6	33.6	368	28.0	1,338	25.3
	1994	0	*	*	0	*	*	0	*	0	*
American Indian/Alaskan Native	2003	898	15.3	49.2	629	27.0	42.1	176	21.0	309	30.7
	2002	934	16.0	45.0	737	27.1	43.7	176	27.3	272	33.1
	2001	942	15.4	45.0	652	26.7	42.3	206	18.0	264	26.9
	2000	996	14.7	46.8	722	30.6	38.9	207	26.6	299	34.1
	1999	952	15.0	42.6	741	30.6	40.5	144	27.1	260	29.6
	1998	1,057	16.4	43.8	819	28.3	42.2	169	30.2	263	31.2
	1997	697	18.2	41.6	556	30.2	40.3	140	22.1	251	29.5
	1996	704	16.5	37.9	517	27.7	38.5	147	27.9	261	26.8
	1995	629	20.5	39.1	527	28.7	39.3	161	33.5	273	26.7
	1994	0	*	*	0	*	*	0	*	0	*

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

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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	2003	612	24.0	20.8	468	29.3	29.1	149	26.2	386	26.9
	2002	612	23.7	22.7	469	31.1	29.4	121	19.8	341	23.8
	2001	617	24.3	23.8	464	30.2	30.8	135	22.2	329	24.6
	2000	598	27.3	20.1	434	35.7	27.2	132	24.2	302	26.8
	1999	609	25.0	18.6	473	40.4	24.5	119	18.5	289	30.4
	1998	631	29.3	16.8	506	34.8	25.5	135	30.4	264	26.1
	1997	367	31.6	17.7	292	37.0	25.7	128	25.8	265	25.3
	1996	307	29.6	14.0	251	33.9	24.3	109	22.0	280	26.1
	1995	313	27.2	16.3	244	44.7	20.9	127	22.8	332	24.1
	1994	0	*	*	0	*	*	0	*	0	*
All Other/Unknown	2003	40	*	*	31	*	*	9	*	15	*
	2002	21	*	*	12	*	*	5	*	5	*
	2001	16	*	*	12	*	*	3	*	6	*
	2000	12	*	*	9	*	*	3	*	12	*
	1999	16	*	*	12	*	*	4	*	9	*
	1998	12	*	*	10	*	*	0	*	2	*
	1997	8	*	*	5	*	*	2	*	4	*
	1996	2	*	*	2	*	*	0	*	4	*
	1995	3	*	*	3	*	*	1	*	8	*
	1994	0	*	*	0	*	*	0	*	0	*

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

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 Pregnancy Nutrition Surveillance** (1)  
**North Carolina**

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

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> (2)											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Total All Race/Ethnic Groups	2003	40,522	13.0	45.9	30,146	25.3	41.4	7,297	31.9	21,901	27.6
	2002	40,905	14.0	44.9	30,754	26.2	40.8	7,337	31.9	20,709	28.7
	2001	41,131	13.4	43.7	30,999	26.0	40.3	7,495	30.8	20,259	28.4
	2000	41,678	14.2	43.2	31,165	25.7	40.7	8,119	30.8	19,243	29.3
	1999	42,713	15.2	41.8	32,488	28.5	41.8	7,172	31.5	18,791	27.5
	1998	43,380	15.5	41.0	34,298	27.9	42.3	7,452	31.1	18,855	27.3
	1997	24,024	16.4	39.2	18,765	27.8	41.3	6,953	29.4	17,991	27.2
	1996	22,827	16.9	37.8	17,641	28.4	40.9	6,853	29.2	17,702	25.8
	1995	22,756	18.6	36.3	17,523	28.3	40.8	6,716	30.0	20,740	28.0
	1994	0	*	*	0	*	*	0	*	0	*

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

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(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**  
**2003 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	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
	1999	24,138	84.2	0.5	24,074	39.1
	1998	25,494	82.9	0.5	25,126	38.0
	1997	25,072	82.3	0.6	24,382	37.6
	1996	25,219	82.2	0.5	24,781	35.3
	1995	24,038	81.7	0.5	23,753	35.2
	1994	0	*	*	0	*
Black, Not Hispanic	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
	1999	19,625	74.3	1.2	19,578	31.9
	1998	20,197	73.3	1.4	19,999	31.5
	1997	19,777	71.0	1.6	19,226	31.2
	1996	19,600	69.5	1.9	19,014	29.3
	1995	19,177	69.2	1.7	18,841	30.3
	1994	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**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

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

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Hispanic	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
	1999	5,637	68.4	0.9	5,685	30.4
	1998	4,956	67.3	0.8	4,913	31.3
	1997	4,226	67.9	1.2	4,156	31.2
	1996	3,240	65.6	1.1	3,250	26.4
	1995	2,465	65.4	1.5	2,480	27.5
1994	0	*	*	0	*	
American Indian/Alaskan Native	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
	1999	1,199	72.6	1.5	1,197	35.2
	1998	1,280	71.3	1.3	1,275	36.4
	1997	1,177	70.5	1.4	1,145	34.4
	1996	1,159	69.1	1.3	1,143	38.0
	1995	1,062	70.1	1.3	1,062	32.9
1994	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**  
**2003 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	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
	1999	758	68.9	1.1	756	21.3
	1998	815	72.0	0.6	792	22.7
	1997	755	68.1	0.3	730	18.4
	1996	666	69.7	0.2	656	18.3
	1995	626	69.2	0.6	637	16.6
	1994	0	*	*	0	*
All Other/Unknown	2003	45	*	*	47	*
	2002	24	*	*	23	*
	2001	23	*	*	23	*
	2000	17	*	*	17	*
	1999	17	*	*	17	*
	1998	12	*	*	12	*
	1997	13	*	*	11	*
	1996	8	*	*	8	*
	1995	10	*	*	10	*
	1994	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**  
**2003 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Carolina**

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

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Total All Race/Ethnic Groups	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	*

(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**  
**2003 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	%
White, Not Hispanic	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	*
	1999	20,545	48.1	0	*	0	*	0	*	0	*
	1998	21,666	46.9	0	*	0	*	0	*	0	*
	1997	21,200	46.4	0	*	0	*	0	*	0	*
	1996	21,218	46.4	0	*	0	*	0	*	0	*
	1995	20,461	45.9	0	*	0	*	0	*	0	*
	1994	0	*	0	*	0	*	0	*	0	*
Black, Not Hispanic	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	*
	1999	17,084	17.9	0	*	0	*	0	*	0	*
	1998	17,617	18.2	0	*	0	*	0	*	0	*
	1997	17,141	17.1	0	*	0	*	0	*	0	*
	1996	17,102	17.1	0	*	0	*	0	*	0	*
	1995	16,826	17.0	0	*	0	*	0	*	0	*
	1994	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**  
**2003 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	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	*
	1999	5,024	5.1	0	*	0	*	0	*	0	*
	1998	4,444	5.0	0	*	0	*	0	*	0	*
	1997	3,832	4.9	0	*	0	*	0	*	0	*
	1996	3,009	5.7	0	*	0	*	0	*	0	*
	1995	2,214	6.5	0	*	0	*	0	*	0	*
	1994	0	*	0	*	0	*	0	*	0	*
American Indian/Alaskan Native	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	*
	1999	990	29.3	0	*	0	*	0	*	0	*
	1998	1,113	33.8	0	*	0	*	0	*	0	*
	1997	1,022	35.9	0	*	0	*	0	*	0	*
	1996	1,022	35.6	0	*	0	*	0	*	0	*
	1995	933	35.5	0	*	0	*	0	*	0	*
	1994	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**  
**2003 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	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	*
	1999	617	10.5	0	*	0	*	0	*	0	*
	1998	637	11.1	0	*	0	*	0	*	0	*
	1997	601	13.1	0	*	0	*	0	*	0	*
	1996	530	10.8	0	*	0	*	0	*	0	*
	1995	501	7.6	0	*	0	*	0	*	0	*
	1994	0	*	0	*	0	*	0	*	0	*
All Other/Unknown	2003	43	*	45	*	17	*	0	*	0	*
	2002	20	*	24	*	4	*	0	*	0	*
	2001	18	*	22	*	4	*	0	*	0	*
	2000	14	*	17	*	4	*	0	*	0	*
	1999	17	*	0	*	0	*	0	*	0	*
	1998	12	*	0	*	0	*	0	*	0	*
	1997	13	*	0	*	0	*	0	*	0	*
	1996	5	*	0	*	0	*	0	*	0	*
	1995	9	*	0	*	0	*	0	*	0	*
	1994	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**  
**2003 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	%
Total All Race/Ethnic Groups	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	*

(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**  
**2003 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	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
	1999	24,202	7.8	10.4	23,883	12.0	21,005	3.5	20,449	51.5
	1998	25,505	7.7	10.4	25,205	11.8	22,235	3.5	21,922	52.0
	1997	25,076	7.6	10.2	24,179	11.4	21,424	3.5	21,723	50.1
	1996	25,220	7.6	10.2	24,324	11.1	21,630	3.4	21,844	49.1
	1995	24,036	7.6	11.1	23,222	11.1	20,639	3.4	20,716	45.9
1994	0	*	*	0	*	0	*	0	*	
Black, Not Hispanic	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
	1999	19,671	12.1	5.0	19,321	17.6	15,911	5.0	16,670	34.8
	1998	20,200	12.5	5.2	19,892	17.5	16,407	5.5	17,218	35.2
	1997	19,797	12.3	5.4	18,977	17.5	15,648	5.1	16,869	31.4
	1996	19,579	12.6	5.2	18,620	18.4	15,193	5.3	16,824	29.4
	1995	19,168	12.6	5.2	18,325	18.2	14,986	5.3	16,356	25.6
1994	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**  
**2003 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	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
	1999	5,716	5.8	9.0	5,641	11.2	5,006	2.4	4,889	75.4
	1998	5,022	5.3	8.2	4,960	11.2	4,402	2.2	4,396	77.5
	1997	4,286	5.2	8.5	4,127	11.1	3,667	2.3	3,732	76.2
	1996	3,271	5.6	8.5	3,148	10.6	2,813	2.7	2,871	72.8
	1995	2,495	5.4	8.7	2,400	10.3	2,154	2.6	2,194	69.8
	1994	0	*	*	0	*	0	*	0	*
American Indian/Alaskan Native	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
	1999	1,202	10.8	7.5	1,181	13.5	1,022	4.9	1,023	42.2
	1998	1,287	10.5	8.2	1,271	13.1	1,105	5.5	1,045	40.9
	1997	1,183	8.6	7.1	1,135	14.4	972	4.7	1,023	36.7
	1996	1,160	9.7	8.9	1,116	13.2	969	4.6	940	37.0
	1995	1,063	8.7	9.4	1,037	13.8	893	2.7	966	29.4
	1994	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**  
**2003 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	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
	1999	758	7.3	5.3	752	13.4	651	4.0	667	47.8
	1998	818	6.5	5.4	805	12.8	702	2.8	706	49.4
	1997	758	6.9	5.9	726	14.5	621	4.0	667	46.5
	1996	671	7.7	4.5	647	14.1	556	2.0	602	49.7
	1995	631	7.4	4.9	613	12.1	539	3.2	559	49.2
	1994	0	*	*	0	*	0	*	0	*
All Other/Unknown	2003	46	*	*	45	*	43	*	39	*
	2002	22	*	*	20	*	17	*	18	*
	2001	22	*	*	22	*	20	*	18	*
	2000	17	*	*	17	*	14	*	15	*
	1999	17	*	*	17	*	13	*	16	*
	1998	13	*	*	13	*	12	*	10	*
	1997	13	*	*	11	*	11	*	10	*
	1996	8	*	*	8	*	5	*	8	*
	1995	10	*	*	10	*	8	*	9	*
	1994	0	*	*	0	*	0	*	0	*

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**Table 23C**  
**2003 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	%
Total All Race/Ethnic Groups	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
	1995	47,403	9.5	8.4	45,607	14.0	39,219	4.1	40,800	38.7
	1994	0	*	*	0	*	0	*	0	*

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