

**Table 1C**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**Summary of Demographic Indicators** <sup>(2)</sup>

Total Records	Number	%	Source of Data	Number	%
Complete Records	15,368	71.9	WIC	21,370	100.0
Prenatal Records	2,339	10.9	Maternal Health	0	0.0
Postpartum Records	3,663	17.1	Other	0	0.0
<b>Total Records Accepted</b>	<b>21,370</b>		<b>Total</b>	<b>21,370</b>	<b>100.0</b>
			<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Race/Ethnic Distribution	Number	%
White, Not Hispanic	11,975	56.0
Black, Not Hispanic	2,409	11.3
Hispanic	5,813	27.2
American Indian/Alaska Native	266	1.2
Asian/Pacific Islander	547	2.6
Multiple Races	360	1.7
All Other	0	0.0
<b>Total</b>	<b>21,370</b>	<b>100.0</b>
<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Age Distribution	Number	%
< 15 Years	65	0.3
15 - 17 Years	1,081	5.1
18 - 19 Years	2,827	13.2
20 - 29 Years	13,278	62.2
30 - 39 Years	3,824	17.9
>= 40 Years	282	1.3
<b>Total</b>	<b>21,357</b>	<b>100.0</b>
<i>Excluded Unknown: 13</i>	<i>0.1</i>	

Education Distribution	Number	%
< High School	5,815	28.8
High School	8,279	41.0
> High School	6,119	30.3
<b>Total</b>	<b>20,213</b>	<b>100.0</b>
<i>Excluded Unknown: 1,157</i>	<i>5.4</i>	

% Poverty Level	Number	%
0 - 50	4,662	26.8
51 - 100	6,275	36.1
101 - 130	2,992	17.2
131 - 150	1,507	8.7
151 - 185	1,675	9.6
186 - 200	70	0.4
> 200	175	1.0
Adjunctive Eligibility	47	0.3
<b>Total</b>	<b>17,403</b>	<b>100.0</b>
<i>Excluded Unknown: 304</i>	<i>1.7</i>	

Program Participation <sup>(3)</sup>	Number	%
WIC	17,707	100.0
SNAP	17,707	27.1
Medicaid	17,707	34.1
TANF	17,707	6.3
<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	9	0.0
No	21,361	100.0
<b>Total</b>	<b>21,370</b>	<b>100.0</b>
<i>Excluded Unknown: 0</i>	<i>0.0</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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**Summary of Health Indicators**

Summary of Health Indicators (2)				
	Kansas Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Prepregnancy BMI (3)				
Underweight	20,811	4.1	1,106,370	4.5
Normal Weight	20,811	40.4	1,106,370	42.1
Overweight	20,811	25.7	1,106,370	26.0
Obese	20,811	29.7	1,106,370	27.4
Maternal Weight Gain (4)				
Less Than Ideal	18,364	22.5	835,927	21.5
Ideal	18,364	29.0	835,927	30.6
Greater Than Ideal	18,364	48.6	835,927	48.0
Anemia (Low Hb/Hct) (5)				
1st Trimester	7,896	5.1	419,016	7.6
2nd Trimester	6,241	8.5	333,582	12.0
3rd Trimester	3,063	30.9	164,201	33.9
Postpartum	4,062	22.1	346,981	28.1
Parity (6)				
0	20,942	30.0	965,206	40.3
1	20,942	26.0	965,206	26.8
2	20,942	18.8	965,206	16.7
≥ 3	20,942	25.2	965,206	16.3
Interpregnancy Interval				
< 6 Months	13,927	15.7	554,361	11.7
6 - <18 Months	13,927	28.9	554,361	25.9
≥18 Months	13,927	55.4	554,361	62.4
Gestational Diabetes	18,787	7.6	419,956	5.2
Hypertension During Pregnancy	18,793	10.1	467,675	6.3

(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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**Summary of Health Indicators**

Summary of Health Indicators (2)				
	Kansas Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Medical Care				
1st Trimester	17,166	76.1	429,770	83.1
No Care	17,166	6.3	429,770	4.1
WIC Enrollment				
1st Trimester	21,285	37.4	1,074,863	36.0
2nd Trimester	21,285	30.1	1,074,863	33.9
3rd Trimester	21,285	15.3	1,074,863	16.9
Postpartum (3)	21,285	17.2	1,074,863	13.2
Prepregnancy Multivitamin Consumption (4)	21,370	16.4	380,154	19.2
Multivitamin Consumption During Pregnancy (5)	17,671	59.5	418,448	85.0
Smoking				
3 Months Prior to Pregnancy	20,850	30.4	814,631	23.0
During Pregnancy	17,278	18.9	710,227	14.0
Last 3 Months of Pregnancy	17,728	17.5	715,034	12.1
Postpartum	17,763	19.5	722,233	14.1
Smoking Changes (6)				
Quit Smoking by First Prenatal Visit	5,206	37.9	166,084	43.5
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	4,187	32.7	137,883	38.1
Smoking in Household				
During Pregnancy	17,287	15.1	660,570	16.3
Postpartum	17,791	12.6	562,126	15.6
Drinking				
3 Months Prior to Pregnancy	20,724	21.9	930,233	8.8
Last 3 Months of Pregnancy	17,609	0.3	577,187	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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**Summary of Health Indicators**

Summary of Health Indicators (2)				
	Kansas Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Birthweight (3)				
Very Low	17,976	1.0	880,933	1.1
Low	17,976	6.6	880,933	6.9
Normal	17,976	86.3	880,933	85.3
High	17,976	6.2	880,933	6.7
Preterm (4)	18,356	8.5	948,286	10.7
Full term Low Birth Weight (5)	16,366	4.3	749,107	3.4
Multiple Births	18,946	2.1	978,390	1.4
Breastfeeding				
Ever Breastfed	18,328	74.2	871,811	68.2

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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>Kansas</b>	<b>21,370</b>	<b>56.0</b>	<b>11.3</b>	<b>27.2</b>	<b>1.2</b>	<b>2.6</b>	<b>1.7</b>	<b>0.0</b>
<b>Nation (Prior Year)</b>	<b>1,162,961</b>	<b>41.6</b>	<b>22.7</b>	<b>29.2</b>	<b>1.1</b>	<b>3.4</b>	<b>1.3</b>	<b>0.7</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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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>Kansas</b>	<b>21,370</b>	<b>0.3</b>	<b>5.1</b>	<b>13.2</b>	<b>62.1</b>	<b>17.9</b>	<b>1.3</b>	<b>0.1</b>
<b>Nation (Prior Year)</b>	<b>1,162,961</b>	<b>0.3</b>	<b>5.3</b>	<b>11.5</b>	<b>59.4</b>	<b>21.7</b>	<b>1.7</b>	<b>0.2</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 5C**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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>Kansas</b>	<b>20,811</b>	<b>4.1</b>	<b>55.5</b>	<b>18,364</b>	<b>22.5</b>	<b>48.6</b>	<b>3,063</b>	<b>30.9</b>	<b>4,062</b>	<b>22.1</b>	<b>18,787</b>	<b>7.6</b>	<b>18,793</b>	<b>10.1</b>
<b>Nation (Prior Year)</b>	<b>1,106,370</b>	<b>4.5</b>	<b>53.4</b>	<b>835,927</b>	<b>21.5</b>	<b>48.0</b>	<b>164,201</b>	<b>33.9</b>	<b>346,981</b>	<b>28.1</b>	<b>419,956</b>	<b>5.2</b>	<b>467,675</b>	<b>6.3</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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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>Kansas</b>	<b>17,166</b>	<b>76.1</b>	<b>6.3</b>	<b>21,285</b>	<b>37.4</b>	<b>21,370</b>	<b>16.4</b>	<b>17,671</b>	<b>59.5</b>
<b>Nation (Prior Year)</b>	<b>429,770</b>	<b>83.1</b>	<b>4.1</b>	<b>1,074,863</b>	<b>36.0</b>	<b>380,154</b>	<b>19.2</b>	<b>418,448</b>	<b>85.0</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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**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>Kansas</b>	<b>20,850</b>	<b>30.4</b>	<b>17,728</b>	<b>17.5</b>	<b>4,187</b>	<b>32.7</b>	<b>17,287</b>	<b>15.1</b>	<b>17,791</b>	<b>12.6</b>
<b>Nation (Prior Year)</b>	<b>814,631</b>	<b>23.0</b>	<b>715,034</b>	<b>12.1</b>	<b>137,883</b>	<b>38.1</b>	<b>660,570</b>	<b>16.3</b>	<b>562,126</b>	<b>15.6</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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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>Kansas</b>	<b>17,976</b>	<b>7.6</b>	<b>6.2</b>	<b>18,356</b>	<b>8.5</b>	<b>16,366</b>	<b>4.3</b>	<b>18,328</b>	<b>74.2</b>
<b>Nation (Prior Year)</b>	<b>880,933</b>	<b>8.0</b>	<b>6.7</b>	<b>948,286</b>	<b>10.7</b>	<b>749,107</b>	<b>3.4</b>	<b>871,811</b>	<b>68.2</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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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		
	Under-weight	Over-weight		< Ideal	> Ideal		3rd Trimester		Postpartum		Number	%	Number	%	
							Number	%	Number	%					
<b>Race/Ethnicity</b>															
White, Not Hispanic	11,622	4.6	54.9	10,115	21.3	51.0	1,691	28.3	2,447	19.2	10,395	6.6	10,396	11.3	
Black, Not Hispanic	2,335	4.1	56.2	2,063	20.3	51.9	424	47.2	482	34.6	2,120	6.3	2,123	12.1	
Hispanic	5,726	2.6	59.5	5,217	24.7	43.5	761	27.7	893	23.6	5,270	10.2	5,265	7.4	
American Indian/Alaska Native	257	1.6	57.2	211	22.3	55.5	41	*	65	*	214	8.4	215	13.0	
Asian/Pacific Islander	522	10.5	26.1	464	33.0	31.0	95	*	101	16.8	484	8.3	489	2.9	
Multiple Races	349	5.4	47.3	294	20.7	54.8	51	*	74	*	304	5.3	305	13.1	
All Other/Unknown	0	*	*	0	*	*	0	*	0	*	0	*	0	*	
<b>Total</b>	<b>20,811</b>	<b>4.1</b>	<b>55.5</b>	<b>18,364</b>	<b>22.5</b>	<b>48.6</b>	<b>3,063</b>	<b>30.9</b>	<b>4,062</b>	<b>22.1</b>	<b>18,787</b>	<b>7.6</b>	<b>18,793</b>	<b>10.1</b>	
<b>Age</b>															
< 15 Years	63	*	*	58	*	*	14	*	4	*	60	*	60	*	
15 - 17 Years	1,057	7.0	34.9	945	21.1	50.6	147	39.5	152	28.3	963	1.8	963	10.0	
18 - 19 Years	2,750	6.1	41.9	2,435	20.3	51.2	385	32.2	486	27.6	2,489	2.8	2,495	9.1	
20 - 29 Years	12,935	4.1	55.9	11,445	22.1	49.2	2,016	31.3	2,635	21.9	11,704	6.6	11,703	9.5	
30 - 39 Years	3,719	2.0	69.2	3,259	25.1	44.6	469	26.7	738	18.4	3,343	15.5	3,345	12.5	
>= 40 Years	275	1.1	72.7	210	34.3	36.7	30	*	47	*	215	21.9	214	19.2	
Unknown	12	*	*	12	*	*	2	*	0	*	13	*	13	*	
<b>Total</b>	<b>20,811</b>	<b>4.1</b>	<b>55.5</b>	<b>18,364</b>	<b>22.5</b>	<b>48.6</b>	<b>3,063</b>	<b>30.9</b>	<b>4,062</b>	<b>22.1</b>	<b>18,787</b>	<b>7.6</b>	<b>18,793</b>	<b>10.1</b>	
<b>Education</b>															
< High School	5,715	5.1	53.4	5,070	23.3	45.6	797	33.0	899	24.6	5,150	8.6	5,149	7.6	
High School	8,104	4.2	54.7	7,168	21.3	49.7	1,251	33.3	1,462	24.0	7,329	7.1	7,333	10.6	
> High School	5,931	3.1	58.3	5,162	19.9	52.5	992	25.9	1,285	18.4	5,343	7.5	5,348	12.4	
Unknown	1,061	3.6	57.1	964	40.6	34.2	23	*	416	21.6	965	6.4	963	7.8	
<b>Total</b>	<b>20,811</b>	<b>4.1</b>	<b>55.5</b>	<b>18,364</b>	<b>22.5</b>	<b>48.6</b>	<b>3,063</b>	<b>30.9</b>	<b>4,062</b>	<b>22.1</b>	<b>18,787</b>	<b>7.6</b>	<b>18,793</b>	<b>10.1</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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**

**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	9,554	82.6	4.1	11,935	38.4	11,975	19.1	9,791	61.2
Black, Not Hispanic	1,914	71.3	5.1	2,399	29.2	2,409	11.9	1,943	57.6
Hispanic	4,799	65.9	11.2	5,785	39.7	5,813	13.2	4,984	57.0
American Indian/Alaska Native	190	76.8	2.6	263	36.5	266	14.7	221	63.8
Asian/Pacific Islander	421	63.9	8.6	545	26.2	547	14.3	434	58.3
Multiple Races	288	77.8	3.8	358	38.0	360	16.9	298	55.7
All Other/Unknown	0	*	*	0	*	0	*	0	*
<b>Total</b>	<b>17,166</b>	<b>76.1</b>	<b>6.3</b>	<b>21,285</b>	<b>37.4</b>	<b>21,370</b>	<b>16.4</b>	<b>17,671</b>	<b>59.5</b>
<b>Age</b>									
< 15 Years	56	*	*	65	*	65	*	59	*
15 - 17 Years	883	68.2	8.5	1,077	40.5	1,081	6.0	970	54.8
18 - 19 Years	2,308	75.4	5.8	2,814	39.9	2,827	8.5	2,509	56.0
20 - 29 Years	10,685	77.7	5.5	13,225	36.3	13,278	17.2	10,826	60.1
30 - 39 Years	3,025	73.9	8.6	3,811	38.5	3,824	21.9	3,079	61.2
>= 40 Years	197	70.6	5.6	280	37.1	282	28.0	217	68.2
Unknown	12	*	*	13	*	13	*	11	*
<b>Total</b>	<b>17,166</b>	<b>76.1</b>	<b>6.3</b>	<b>21,285</b>	<b>37.4</b>	<b>21,370</b>	<b>16.4</b>	<b>17,671</b>	<b>59.5</b>
<b>Education</b>									
< High School	4,728	66.2	9.6	5,782	41.1	5,815	10.9	5,163	53.8
High School	6,754	77.3	5.6	8,246	39.3	8,279	14.6	7,183	58.7
> High School	4,969	83.6	3.5	6,101	37.0	6,119	25.1	5,143	66.2
Unknown	715	77.2	9.4	1,156	7.1	1,157	11.6	182	60.4
<b>Total</b>	<b>17,166</b>	<b>76.1</b>	<b>6.3</b>	<b>21,285</b>	<b>37.4</b>	<b>21,370</b>	<b>16.4</b>	<b>17,671</b>	<b>59.5</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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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	11,628	42.1	9,714	26.2	3,254	29.4	9,552	20.2	9,738	17.0
Black, Not Hispanic	2,342	26.7	2,029	13.1	402	34.6	1,905	12.1	2,047	9.4
Hispanic	5,732	9.1	5,026	3.0	339	60.2	4,896	6.4	5,038	5.3
American Indian/Alaska Native	256	36.7	196	21.9	58	*	215	15.3	200	14.0
Asian/Pacific Islander	538	9.3	471	4.5	28	*	427	12.2	477	9.2
Multiple Races	354	42.1	292	24.0	106	34.0	292	21.6	291	17.2
All Other/Unknown	0	*	0	*	0	*	0	*	0	*
<b>Total</b>	<b>20,850</b>	<b>30.4</b>	<b>17,728</b>	<b>17.5</b>	<b>4,187</b>	<b>32.7</b>	<b>17,287</b>	<b>15.1</b>	<b>17,791</b>	<b>12.6</b>
<b>Age</b>										
< 15 Years	64	*	57	*	5	*	58	*	57	*
15 - 17 Years	1,066	19.6	924	9.2	151	39.7	960	23.3	916	19.0
18 - 19 Years	2,769	32.7	2,346	17.3	652	33.0	2,448	20.1	2,357	16.6
20 - 29 Years	12,916	33.0	11,025	18.9	2,777	33.6	10,580	14.9	11,060	12.5
30 - 39 Years	3,750	24.0	3,156	15.6	577	26.5	3,021	9.6	3,177	8.2
>= 40 Years	272	16.5	207	13.0	23	*	209	8.1	211	6.6
Unknown	13	*	13	*	2	*	11	*	13	*
<b>Total</b>	<b>20,850</b>	<b>30.4</b>	<b>17,728</b>	<b>17.5</b>	<b>4,187</b>	<b>32.7</b>	<b>17,287</b>	<b>15.1</b>	<b>17,791</b>	<b>12.6</b>
<b>Education</b>										
< High School	5,746	30.2	4,895	19.0	1,209	25.3	5,076	17.1	4,911	14.1
High School	8,144	34.5	6,934	20.5	1,956	31.6	7,043	17.0	6,957	13.9
> High School	6,018	24.6	5,030	11.7	1,006	43.9	5,040	10.5	5,054	8.9
Unknown	942	31.8	869	18.9	16	*	128	19.5	869	14.8
<b>Total</b>	<b>20,850</b>	<b>30.4</b>	<b>17,728</b>	<b>17.5</b>	<b>4,187</b>	<b>32.7</b>	<b>17,287</b>	<b>15.1</b>	<b>17,791</b>	<b>12.6</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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**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	9,950	7.2	6.6	10,167	8.0	9,113	4.3	10,160	72.7
Black, Not Hispanic	2,057	11.9	3.5	2,107	9.6	1,851	6.8	2,101	66.2
Hispanic	4,989	6.3	6.7	5,082	9.0	4,512	3.1	5,069	80.5
American Indian/Alaska Native	211	9.0	8.5	215	10.2	188	5.9	215	76.7
Asian/Pacific Islander	474	8.4	3.2	482	7.9	435	5.7	481	75.5
Multiple Races	295	8.5	4.4	303	8.9	267	4.5	302	71.2
All Other/Unknown	0	*	*	0	*	0	*	0	*
<b>Total</b>	<b>17,976</b>	<b>7.6</b>	<b>6.2</b>	<b>18,356</b>	<b>8.5</b>	<b>16,366</b>	<b>4.3</b>	<b>18,328</b>	<b>74.2</b>
<b>Age</b>									
< 15 Years	58	*	*	60	*	53	*	60	*
15 - 17 Years	934	6.1	4.7	945	7.4	862	4.4	945	70.3
18 - 19 Years	2,428	6.7	3.7	2,457	8.3	2,213	4.2	2,461	74.8
20 - 29 Years	11,234	6.5	6.3	11,498	8.1	10,272	4.2	11,475	73.8
30 - 39 Years	3,122	6.6	8.0	3,196	10.3	2,792	4.5	3,185	76.2
>= 40 Years	187	11.2	8.0	187	11.8	163	6.7	189	77.8
Unknown	13	*	*	13	*	11	*	13	*
<b>Total</b>	<b>17,976</b>	<b>7.6</b>	<b>6.2</b>	<b>18,356</b>	<b>8.5</b>	<b>16,366</b>	<b>4.3</b>	<b>18,328</b>	<b>74.2</b>
<b>Education</b>									
< High School	4,972	7.0	5.5	5,048	9.6	4,465	4.2	5,047	70.6
High School	7,138	6.6	6.0	7,237	8.8	6,481	4.1	7,231	71.5
> High School	5,174	5.8	7.4	5,286	8.1	4,739	3.7	5,273	82.7
Unknown	692	9.5	4.3	785	1.3	681	11.3	777	64.5
<b>Total</b>	<b>17,976</b>	<b>7.6</b>	<b>6.2</b>	<b>18,356</b>	<b>8.5</b>	<b>16,366</b>	<b>4.3</b>	<b>18,328</b>	<b>74.2</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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**

**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	739	28.0	26.3	714	12.9	0.6	723	11.1	632	7.8
Normal Weight	7,428	26.0	40.1	7,114	8.0	4.4	7,249	8.3	6,488	4.7
Overweight	4,771	14.3	60.5	4,555	6.2	6.9	4,645	8.0	4,181	3.4
Obese	5,426	24.1	52.7	5,150	7.0	8.6	5,238	9.5	4,637	3.5
<b>Weight Gain</b>										
< Ideal	-	-	-	3,562	13.1	2.4	3,644	13.5	3,065	6.9
Ideal	-	-	-	5,173	8.1	4.2	5,246	9.2	4,678	4.8
> Ideal	-	-	-	8,669	4.8	8.8	8,824	6.4	8,080	2.7
<b>Smoking During Pregnancy</b>										
Smokers	2,750	21.4	49.3	2,717	10.1	3.1	2,738	11.0	2,406	5.9
Non-Smokers	12,165	20.6	50.1	12,066	6.3	6.9	12,167	10.1	10,802	2.4

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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 %
2011	21,370	56.0	11.3	27.2	1.2	2.6	1.7	0.0
2010	21,902	57.3	11.2	26.7	1.2	2.3	1.4	0.0
2009	22,411	56.4	11.3	27.6	1.3	2.2	1.3	0.0
2008	20,703	56.9	11.3	27.3	1.2	2.0	1.2	0.0
2007	19,988	58.3	11.7	26.1	1.3	2.0	0.5	0.0
2006	21,839	59.7	11.1	25.2	1.0	2.0	0.9	0.0
2005	21,222	60.9	10.9	24.5	1.1	1.8	0.8	0.0
2004	20,622	61.8	10.9	24.2	1.2	1.9	0.0	0.0
2003	15,623	58.4	11.7	26.2	1.3	2.4	0.0	0.0
2002	16,074	60.0	12.1	24.2	1.2	2.5	0.0	0.0
2001	15,410	60.5	12.2	23.9	1.3	2.1	0.0	0.0
2000	14,981	61.1	12.5	22.9	1.2	2.3	0.0	0.0
1999	14,881	62.7	13.1	21.0	1.1	2.2	0.0	0.0
1998	16,041	64.4	12.7	19.5	1.3	2.1	0.0	0.0
1997	14,312	65.2	13.6	17.8	1.0	2.4	0.0	0.0
1996	13,689	65.8	13.3	17.5	1.1	2.3	0.0	0.0
1995	0	*	*	*	*	*	*	*
1994	15,561	68.5	14.5	13.8	0.9	2.3	0.0	0.0
1993	13,478	68.6	15.0	13.1	1.0	2.2	0.0	0.0
1992	12,145	69.3	15.8	11.9	1.0	2.0	0.0	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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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 %
2011	21,370	0.3	5.1	13.2	62.1	17.9	1.3	0.1
2010	21,902	0.3	5.9	13.5	61.3	17.7	1.3	0.0
2009	22,411	0.3	6.3	14.6	61.1	16.6	1.1	0.1
2008	20,703	0.3	6.5	14.6	61.6	15.9	1.2	0.0
2007	19,988	0.3	6.6	14.2	62.1	15.7	0.9	0.1
2006	21,839	0.4	6.3	14.1	62.9	15.2	1.0	0.1
2005	21,222	0.3	6.5	14.2	62.1	15.9	0.9	0.1
2004	20,622	0.4	6.9	13.9	62.6	15.2	1.0	0.0
2003	15,623	0.3	6.5	14.5	62.0	15.8	1.0	0.0
2002	16,074	0.5	7.0	14.8	61.4	15.5	0.9	0.0
2001	15,410	0.4	7.4	15.5	61.2	14.6	0.8	0.0
2000	14,981	0.5	7.5	16.1	60.9	14.2	0.8	0.0
1999	14,881	0.4	8.1	17.0	59.8	14.0	0.7	0.0
1998	16,041	0.5	8.6	16.8	59.5	13.8	0.8	0.0
1997	14,312	0.6	9.6	16.5	59.0	13.6	0.7	0.0
1996	13,689	0.6	9.8	17.3	58.0	13.8	0.6	0.0
1995	0	*	*	*	*	*	*	*
1994	15,561	0.6	9.3	16.4	59.6	13.5	0.6	0.0
1993	13,478	0.7	9.9	16.2	59.1	13.5	0.5	0.0
1992	12,145	0.6	9.6	17.0	59.5	12.7	0.5	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 16C**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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	%
2011	20,811	4.1	55.5	18,364	22.5	48.6	3,063	30.9	4,062	22.1
2010	21,267	4.1	55.0	18,455	21.1	50.7	3,176	29.0	4,262	23.7
2009	21,646	4.6	54.3	19,129	19.9	51.1	3,394	29.5	4,491	22.7
2008	20,481	4.7	53.1	18,847	19.6	51.7	3,213	29.3	4,533	24.0
2007	19,742	4.9	52.0	17,826	18.9	52.1	3,257	31.5	5,067	23.8
2006	20,077	5.3	50.5	16,844	16.8	51.9	3,237	30.0	3,267	21.8
2005	18,756	4.8	51.9	15,017	17.2	52.2	3,066	28.0	2,466	24.1
2004	19,750	5.0	50.9	14,198	17.3	51.8	3,141	27.0	748	23.0
2003	14,910	5.0	49.9	13,828	18.3	50.0	2,087	26.4	4,822	21.4
2002	15,343	5.4	50.3	15,098	18.0	50.3	2,616	25.2	5,462	20.5
2001	14,775	5.5	49.4	14,460	18.6	49.8	2,660	27.0	5,362	21.7
2000	14,359	5.4	49.4	14,079	18.7	50.3	2,417	23.6	5,170	21.0
1999	14,308	6.2	47.4	14,007	18.5	49.9	310	26.5	4,925	30.6
1998	15,440	6.1	46.1	15,158	19.5	47.6	122	26.2	2,838	25.8
1997	13,836	6.5	45.3	13,560	19.8	47.2	2,213	27.3	1,977	20.1

(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 16C**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <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	%
1996	13,269	7.0	43.6	13,032	19.5	46.5	2,201	25.7	1,584	18.7
1995	0	*	*	0	*	*	0	*	0	*
1994	14,688	7.1	39.9	14,282	20.0	46.2	2,404	26.0	0	*
1993	12,302	7.9	39.0	11,984	20.0	45.1	2,290	26.3	0	*
1992	11,301	8.8	38.4	11,018	19.5	44.2	2,173	23.9	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 17C**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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	%
2011	17,166	76.1	6.3	21,285	37.4
2010	17,720	75.1	6.1	21,806	36.1
2009	18,492	75.4	5.7	22,287	35.7
2008	18,064	74.9	5.2	16,091	39.8
2007	17,615	74.8	3.7	15,192	39.2
2006	18,882	80.9	0.9	17,461	38.7
2005	18,325	81.4	1.1	16,230	39.0
2004	16,370	77.7	3.6	20,210	27.2
2003	12,028	79.1	4.7	15,315	23.1
2002	15,204	77.9	5.0	15,792	26.4
2001	14,617	77.5	5.1	15,153	22.5
2000	14,066	79.2	3.8	14,206	25.1
1999	13,878	78.1	3.4	12,961	26.8
1998	14,930	78.7	3.3	15,695	25.2
1997	13,316	78.7	3.1	14,054	27.4
1996	12,710	78.1	3.1	13,562	30.0
1995	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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**  
**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	%
1994	14,011	76.2	3.7	14,917	28.0
1993	12,418	66.9	14.4	12,520	28.5
1992	11,854	65.1	16.2	11,451	28.8

(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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**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	%
2011	20,850	30.4	17,728	17.5	4,187	32.7	17,287	15.1	17,791	12.6
2010	21,283	30.7	17,950	17.5	4,227	33.0	17,640	16.5	18,063	13.3
2009	21,732	31.5	18,530	17.8	4,411	31.7	17,945	18.8	18,640	15.9
2008	19,771	32.9	17,140	18.5	4,232	30.8	15,818	17.6	17,316	16.1
2007	19,222	33.8	16,394	18.7	3,985	32.8	15,107	18.6	16,593	16.8
2006	21,215	35.7	18,874	18.6	4,907	37.8	16,616	24.9	19,031	18.3
2005	20,572	35.4	18,021	19.1	4,613	36.0	15,951	31.0	18,230	20.8
2004	19,525	36.6	16,387	19.2	3,848	37.5	9,502	34.4	16,287	31.2
2003	14,913	36.7	14,330	19.9	3,272	36.1	56	*	1,519	33.4
2002	15,680	37.8	15,601	20.8	4,308	36.3	0	*	0	*
2001	15,114	38.1	14,943	22.1	4,028	33.6	0	*	0	*
2000	14,134	37.7	14,444	20.8	3,817	36.4	0	*	0	*
1999	10,857	39.9	14,336	21.7	3,886	35.1	0	*	0	*
1998	15,550	39.2	15,426	22.7	4,233	34.0	0	*	0	*
1997	13,961	38.4	13,805	22.5	3,834	33.0	0	*	0	*
1996	13,481	37.4	13,267	22.5	3,774	30.4	0	*	0	*
1995	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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**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	%		
1994	14,811	35.5	14,827	23.4	3,932	28.1	0	*	0	*
1993	12,480	36.1	11,879	24.1	3,503	27.1	0	*	0	*
1992	11,493	37.6	10,334	25.8	3,284	25.4	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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**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	%
2011	17,976	7.6	6.2	18,356	8.5	16,366	4.3	18,328	74.2
2010	18,226	7.6	6.6	18,726	8.4	16,603	4.4	18,670	72.2
2009	18,865	7.7	6.5	19,327	8.8	17,104	4.4	19,312	70.3
2008	18,210	7.2	6.5	14,503	10.7	12,744	2.8	16,938	69.4
2007	17,438	7.4	6.7	13,518	10.9	11,773	3.0	16,345	67.7
2006	18,368	7.4	6.5	15,170	10.6	12,990	3.0	18,878	68.6
2005	17,572	7.4	6.9	13,915	11.2	11,725	2.9	18,315	67.0
2004	7,745	5.7	7.6	8,906	10.2	6,898	2.8	6,411	60.0
2003	14,307	7.3	7.5	14,467	9.1	12,787	3.9	12,611	65.7
2002	15,618	6.9	7.8	15,409	10.8	13,654	2.6	15,026	66.7
2001	14,927	7.2	8.0	14,743	10.8	13,053	3.0	14,479	64.7
2000	14,567	7.2	8.3	14,316	11.3	12,636	2.6	14,004	63.7
1999	14,465	7.4	8.7	14,227	10.9	12,607	3.0	13,130	67.3
1998	15,600	7.5	8.3	15,272	11.1	13,517	2.9	14,038	66.5

(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**  
**2011 Pregnancy Nutrition Surveillance** (1)  
**Kansas**  
**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	%
1997	13,850	7.9	8.7	13,645	6.1	12,741	5.4	13,333	59.8
1996	13,355	6.7	9.1	13,304	4.3	12,676	5.1	12,780	59.1
1995	0	*	*	0	*	0	*	0	*
1994	14,897	7.2	9.2	14,363	10.1	12,874	3.0	14,162	57.2
1993	13,014	7.6	9.0	12,195	10.4	10,874	3.5	11,897	55.1
1992	11,809	6.9	9.2	11,211	10.2	10,032	3.1	10,963	51.7

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	11,622	4.6	54.9	10,115	21.3	51.0	1,691	28.3	2,447	19.2
	2010	12,134	4.8	53.7	10,411	19.2	53.8	1,770	26.0	2,555	20.2
	2009	12,130	5.4	53.6	10,624	18.9	53.3	1,819	27.8	2,755	20.3
	2008	11,668	5.2	52.1	10,649	18.2	54.0	1,762	25.7	2,878	21.3
	2007	11,528	5.6	51.3	10,291	17.5	54.6	1,830	27.9	3,101	20.9
	2006	11,817	6.2	49.3	9,670	15.5	54.2	1,860	26.9	1,987	19.3
	2005	11,289	5.5	51.4	8,725	15.5	54.9	1,789	23.8	1,467	20.9
	2004	12,188	5.8	49.5	8,454	16.0	54.6	1,824	25.1	416	22.1
	2003	8,667	5.9	48.6	8,015	16.6	53.0	1,133	24.3	2,841	19.3
	2002	9,184	6.5	49.0	9,029	17.3	51.7	1,461	21.8	3,282	18.3
Black, Not Hispanic	2011	2,335	4.1	56.2	2,063	20.3	51.9	424	47.2	482	34.6
	2010	2,371	4.1	57.1	2,069	21.3	51.7	454	45.6	544	39.7
	2009	2,426	4.2	56.0	2,127	18.9	53.5	504	42.7	511	36.0
	2008	2,315	5.0	53.8	2,132	20.1	52.0	434	41.7	498	40.8
	2007	2,314	4.6	51.5	2,053	17.5	55.3	476	48.3	591	38.2
	2006	2,271	4.4	53.3	1,955	18.0	52.5	473	45.5	377	36.3
	2005	2,053	4.7	52.5	1,728	18.3	54.8	445	45.2	289	39.8
	2004	2,139	4.2	53.5	1,588	17.3	53.7	404	40.8	103	30.1
	2003	1,750	5.0	52.7	1,638	18.9	49.2	278	41.7	501	30.3
	2002	1,873	3.6	55.0	1,837	16.7	54.0	351	39.0	610	32.8

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	5,726	2.6	59.5	5,217	24.7	43.5	761	27.7	893	23.6
	2010	5,741	2.3	58.9	5,109	24.6	44.9	763	27.7	928	24.0
	2009	6,064	2.8	57.0	5,490	22.2	46.2	873	27.1	990	22.1
	2008	5,595	3.2	56.6	5,229	21.7	47.3	864	30.1	940	23.7
	2007	5,141	2.9	55.2	4,785	22.2	46.1	800	29.5	1,149	24.0
	2006	5,197	3.1	53.6	4,568	19.0	47.1	755	28.3	766	20.9
	2005	4,733	2.7	54.3	4,005	20.2	45.6	714	27.6	603	23.5
	2004	4,794	2.8	54.7	3,711	20.1	45.4	799	24.2	204	23.0
	2003	3,941	2.4	54.0	3,660	21.6	44.9	596	24.3	1,299	22.4
	2002	3,716	2.9	53.9	3,669	20.2	45.7	670	26.0	1,358	20.2
American Indian/Alaska Native	2011	257	1.6	57.2	211	22.3	55.5	41	*	65	*
	2010	253	3.2	56.9	215	21.9	52.6	45	*	54	*
	2009	273	3.3	59.7	231	17.7	56.7	55	*	64	*
	2008	244	3.7	54.5	218	19.3	54.6	40	*	57	*
	2007	262	6.9	57.3	232	15.9	57.3	44	*	75	*
	2006	205	5.4	54.6	157	14.0	61.8	33	*	42	*
	2005	200	3.0	59.5	153	11.8	62.1	31	*	32	*
	2004	236	4.7	59.7	155	9.7	64.5	38	*	6	*
	2003	194	4.1	50.5	184	11.4	57.6	23	*	79	*
	2002	175	5.7	52.6	171	14.0	57.9	39	*	64	*

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	522	10.5	26.1	464	33.0	31.0	95	*	101	16.8
	2010	478	7.7	32.2	421	24.7	37.3	98	*	110	20.0
	2009	470	8.5	28.5	413	26.2	39.2	97	*	93	*
	2008	411	10.7	28.2	390	28.7	36.4	74	*	105	20.0
	2007	399	9.8	31.1	370	23.2	36.8	84	*	116	22.4
	2006	400	11.5	26.5	334	22.8	39.5	87	*	67	*
	2005	330	11.2	26.4	287	23.3	40.8	64	*	52	*
	2004	386	12.2	27.5	289	26.6	34.6	74	*	18	*
	2003	358	10.3	20.9	331	21.8	35.3	57	*	102	21.6
	2002	395	10.1	22.0	392	20.7	39.5	95	*	148	18.9
Multiple Races	2011	349	5.4	47.3	294	20.7	54.8	51	*	74	*
	2010	290	4.1	51.4	230	23.0	51.7	46	*	71	*
	2009	283	4.6	50.5	244	17.6	56.1	46	*	78	*
	2008	248	6.0	50.8	229	16.2	61.1	39	*	55	*
	2007	98	*	*	95	*	*	23	*	35	*
	2006	187	7.0	50.3	160	11.9	61.3	29	*	28	*
	2005	151	5.3	46.4	119	17.6	58.0	23	*	23	*
	2004	6	*	*	0	*	*	1	*	0	*
	2003	0	*	*	0	*	*	0	*	0	*
	2002	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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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 (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
All Other/Unknown	2011	0	*	*	0	*	*	0	*	0	*
	2010	0	*	*	0	*	*	0	*	0	*
	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	1	*	*	1	*	*	1	*	1	*
	2003	0	*	*	0	*	*	0	*	0	*
	2002	0	*	*	0	*	*	0	*	0	*
Total All Race/Ethnic Groups	2011	20,811	4.1	55.5	18,364	22.5	48.6	3,063	30.9	4,062	22.1
	2010	21,267	4.1	55.0	18,455	21.1	50.7	3,176	29.0	4,262	23.7
	2009	21,646	4.6	54.3	19,129	19.9	51.1	3,394	29.5	4,491	22.7
	2008	20,481	4.7	53.1	18,847	19.6	51.7	3,213	29.3	4,533	24.0
	2007	19,742	4.9	52.0	17,826	18.9	52.1	3,257	31.5	5,067	23.8
	2006	20,077	5.3	50.5	16,844	16.8	51.9	3,237	30.0	3,267	21.8
	2005	18,756	4.8	51.9	15,017	17.2	52.2	3,066	28.0	2,466	24.1
	2004	19,750	5.0	50.9	14,198	17.3	51.8	3,141	27.0	748	23.0
	2003	14,910	5.0	49.9	13,828	18.3	50.0	2,087	26.4	4,822	21.4
	2002	15,343	5.4	50.3	15,098	18.0	50.3	2,616	25.2	5,462	20.5

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	9,554	82.6	4.1	11,935	38.4
	2010	9,990	81.0	4.4	12,504	37.1
	2009	10,280	80.9	4.3	12,575	37.2
	2008	10,174	79.9	4.1	8,957	42.3
	2007	10,131	79.5	3.0	8,728	42.2
	2006	11,108	84.8	0.7	10,160	41.1
	2005	11,069	84.0	0.9	9,707	41.5
	2004	9,919	81.6	3.0	12,442	28.8
	2003	7,017	81.1	4.9	8,959	25.1
	2002	9,069	79.6	5.5	9,464	28.1
Black, Not Hispanic	2011	1,914	71.3	5.1	2,399	29.2
	2010	2,020	70.8	4.9	2,434	28.8
	2009	2,119	72.4	4.0	2,517	28.4
	2008	2,091	72.6	3.0	1,785	33.1
	2007	2,072	72.1	2.9	1,752	30.7
	2006	2,129	77.1	1.0	1,884	29.8
	2005	2,013	80.5	1.0	1,750	28.9
	2004	1,804	76.8	2.2	2,207	21.7
	2003	1,405	79.0	3.1	1,794	17.7
	2002	1,863	77.7	2.5	1,916	21.1

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	4,799	65.9	11.2	5,785	39.7
	2010	4,882	65.5	9.9	5,810	37.8
	2009	5,215	65.8	9.1	6,141	36.8
	2008	4,997	65.6	8.3	4,668	38.5
	2007	4,726	66.5	5.5	4,161	37.8
	2006	4,911	73.8	1.4	4,731	37.5
	2005	4,564	75.5	1.5	4,207	37.7
	2004	4,151	68.8	6.0	4,919	26.2
	2003	3,181	74.7	5.0	4,006	22.5
	2002	3,703	73.8	5.2	3,825	25.8
American Indian/Alaska Native	2011	190	76.8	2.6	263	36.5
	2010	196	75.5	5.1	262	36.6
	2009	222	73.0	5.9	281	32.4
	2008	210	74.3	5.7	196	33.7
	2007	228	72.8	4.4	201	38.3
	2006	182	84.1	0.5	180	40.0
	2005	196	81.1	0.5	174	42.5
	2004	176	76.7	4.0	243	24.7
	2003	148	79.7	4.1	191	15.2
	2002	174	77.6	3.4	182	20.9

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	421	63.9	8.6	545	26.2
	2010	400	62.3	9.0	494	26.3
	2009	411	72.7	5.6	482	20.5
	2008	367	68.9	7.6	287	29.6
	2007	365	67.7	3.3	296	28.7
	2006	371	77.9	1.6	340	32.1
	2005	335	80.0	1.8	268	26.5
	2004	319	74.9	2.5	392	19.4
	2003	277	76.2	4.7	365	14.2
	2002	395	80.8	4.6	405	18.8
Multiple Races	2011	288	77.8	3.8	358	38.0
	2010	232	78.0	5.2	302	35.4
	2009	245	78.4	4.9	291	39.2
	2008	225	82.7	4.9	198	42.4
	2007	93	*	*	54	*
	2006	181	80.7	1.7	166	44.0
	2005	148	86.5	0.7	124	44.4
	2004	0	*	*	6	*
	2003	0	*	*	0	*
	2002	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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	0	*	*	0	*
	2010	0	*	*	0	*
	2009	0	*	*	0	*
	2008	0	*	*	0	*
	2007	0	*	*	0	*
	2006	0	*	*	0	*
	2005	0	*	*	0	*
	2004	1	*	*	1	*
	2003	0	*	*	0	*
	2002	0	*	*	0	*
Total All Race/Ethnic Groups	2011	17,166	76.1	6.3	21,285	37.4
	2010	17,720	75.1	6.1	21,806	36.1
	2009	18,492	75.4	5.7	22,287	35.7
	2008	18,064	74.9	5.2	16,091	39.8
	2007	17,615	74.8	3.7	15,192	39.2
	2006	18,882	80.9	0.9	17,461	38.7
	2005	18,325	81.4	1.1	16,230	39.0
	2004	16,370	77.7	3.6	20,210	27.2
	2003	12,028	79.1	4.7	15,315	23.1
	2002	15,204	77.9	5.0	15,792	26.4

(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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

**Kansas**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
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	2011	11,628	42.1	9,714	26.2	3,254	29.4	9,552	20.2	9,738	17.0
	2010	12,126	42.6	10,052	26.2	3,337	29.8	9,930	22.0	10,110	17.9
	2009	12,162	44.0	10,166	26.7	3,445	29.4	9,903	24.9	10,253	21.2
	2008	11,172	45.9	9,563	27.5	3,335	28.5	8,745	23.3	9,692	21.2
	2007	11,159	46.3	9,338	27.8	3,173	29.9	8,668	23.4	9,492	20.8
	2006	12,634	47.7	11,114	26.7	3,856	33.7	9,611	31.4	11,225	22.6
	2005	12,506	46.8	10,833	27.2	3,710	31.9	9,525	38.7	10,975	26.0
	2004	11,963	48.7	9,919	27.4	3,084	33.7	5,593	42.2	9,823	38.6
	2003	8,616	50.8	8,237	29.4	2,624	32.2	33	*	898	42.2
	2002	9,384	51.2	9,371	29.5	3,467	32.4	0	*	0	*
Black, Not Hispanic	2011	2,342	26.7	2,029	13.1	402	34.6	1,905	12.1	2,047	9.4
	2010	2,385	27.0	2,056	12.5	427	41.0	1,949	12.4	2,072	9.0
	2009	2,471	28.0	2,153	14.4	444	30.9	1,976	15.8	2,159	13.0
	2008	2,258	28.9	1,983	14.6	427	30.2	1,770	13.6	2,007	11.9
	2007	2,264	28.8	1,945	13.3	398	34.7	1,742	15.5	1,966	13.8
	2006	2,367	29.6	2,134	13.4	448	42.0	1,783	20.6	2,148	14.3
	2005	2,246	30.1	1,987	13.9	412	46.4	1,708	22.9	2,015	15.4
	2004	2,135	31.5	1,789	14.7	386	43.5	998	26.8	1,791	24.1
	2003	1,774	32.1	1,719	16.1	334	46.1	3	*	131	29.8
	2002	1,905	30.9	1,905	14.8	424	46.5	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**  
**2011 Pregnancy Nutrition Surveillance** (1)

**Kansas**  
**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	2011	5,732	9.1	5,026	3.0	339	60.2	4,896	6.4	5,038	5.3
	2010	5,744	8.4	5,001	2.8	313	55.3	4,925	7.3	5,027	5.8
	2009	6,063	8.0	5,333	2.6	324	54.9	5,232	8.4	5,342	7.3
	2008	5,465	8.6	4,829	2.9	313	53.4	4,635	7.9	4,846	7.5
	2007	5,064	9.4	4,465	2.7	297	59.6	4,149	10.1	4,482	9.6
	2006	5,372	10.6	4,882	2.9	417	66.7	4,568	12.7	4,911	10.0
	2005	5,050	10.8	4,519	2.7	366	64.2	4,164	16.5	4,550	10.6
	2004	4,794	10.7	4,171	2.9	300	64.7	2,597	20.6	4,167	17.1
	2003	3,969	9.5	3,846	2.8	232	59.5	19	*	435	18.2
	2002	3,807	10.4	3,746	3.6	312	59.9	0	*	0	*
American Indian/Alaska Native	2011	256	36.7	196	21.9	58	*	215	15.3	200	14.0
	2010	250	36.0	200	20.5	56	*	210	18.6	205	12.2
	2009	275	38.2	223	22.0	68	*	227	21.1	227	17.6
	2008	232	39.7	198	17.7	57	*	191	21.5	199	18.1
	2007	251	40.6	206	20.4	56	*	197	22.3	208	20.2
	2006	214	46.3	181	19.9	66	*	175	30.3	183	22.4
	2005	227	37.9	196	18.9	53	*	168	36.9	197	22.8
	2004	237	43.0	189	15.9	58	*	117	41.0	183	38.3
	2003	196	54.6	181	20.4	55	*	1	*	16	*
	2002	180	47.2	183	23.5	64	*	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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

**Kansas**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

<b>Summary of Trends in Smoking Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
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	2011	538	9.3	471	4.5	28	*	427	12.2	477	9.2
	2010	482	8.7	414	4.6	22	*	378	7.9	421	10.2
	2009	476	13.0	414	5.6	42	*	368	12.2	416	9.4
	2008	402	14.2	357	7.3	32	*	285	14.0	360	12.5
	2007	390	13.6	354	6.2	41	*	297	14.5	357	12.6
	2006	424	15.1	380	5.8	46	*	314	17.8	383	16.4
	2005	371	10.5	337	4.2	24	*	265	23.0	342	15.5
	2004	390	10.0	318	4.7	20	*	191	28.3	322	24.5
	2003	358	10.9	347	4.9	27	*	0	*	39	*
	2002	404	12.9	396	3.0	41	*	0	*	0	*
Multiple Races	2011	354	42.1	292	24.0	106	34.0	292	21.6	291	17.2
	2010	296	39.9	227	21.6	72	*	248	23.8	228	17.5
	2009	285	47.7	241	23.2	88	*	239	25.9	243	20.6
	2008	242	41.3	210	21.4	68	*	192	30.2	212	25.0
	2007	94	*	86	*	20	*	54	*	88	*
	2006	204	53.9	183	27.9	74	*	165	33.9	181	22.7
	2005	172	48.3	149	28.2	48	*	121	47.9	151	27.8
	2004	5	*	0	*	0	*	6	*	0	*
	2003	0	*	0	*	0	*	0	*	0	*
	2002	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**  
**2011 Pregnancy Nutrition Surveillance** (1)

**Kansas**  
**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	2011	0	*	0	*	0	*	0	*	0	*
	2010	0	*	0	*	0	*	0	*	0	*
	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	1	*	1	*	0	*	0	*	1	*
	2003	0	*	0	*	0	*	0	*	0	*
	2002	0	*	0	*	0	*	0	*	0	*
Total All Race/Ethnic Groups	2011	20,850	30.4	17,728	17.5	4,187	32.7	17,287	15.1	17,791	12.6
	2010	21,283	30.7	17,950	17.5	4,227	33.0	17,640	16.5	18,063	13.3
	2009	21,732	31.5	18,530	17.8	4,411	31.7	17,945	18.8	18,640	15.9
	2008	19,771	32.9	17,140	18.5	4,232	30.8	15,818	17.6	17,316	16.1
	2007	19,222	33.8	16,394	18.7	3,985	32.8	15,107	18.6	16,593	16.8
	2006	21,215	35.7	18,874	18.6	4,907	37.8	16,616	24.9	19,031	18.3
	2005	20,572	35.4	18,021	19.1	4,613	36.0	15,951	31.0	18,230	20.8
	2004	19,525	36.6	16,387	19.2	3,848	37.5	9,502	34.4	16,287	31.2
	2003	14,913	36.7	14,330	19.9	3,272	36.1	56	*	1,519	33.4
	2002	15,680	37.8	15,601	20.8	4,308	36.3	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 23C**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	9,950	7.2	6.6	10,167	8.0	9,113	4.3	10,160	72.7
	2010	10,378	7.3	6.8	10,645	8.3	9,482	4.1	10,607	70.6
	2009	10,574	7.5	6.6	10,823	8.8	9,585	4.4	10,818	68.4
	2008	10,324	7.3	6.6	7,954	11.1	6,992	2.8	9,720	66.8
	2007	10,094	7.5	6.6	7,653	11.6	6,625	2.8	9,582	65.6
	2006	10,782	7.5	6.3	8,695	10.7	7,373	3.1	11,174	66.4
	2005	10,483	7.2	6.9	8,206	11.3	6,821	2.9	11,045	65.1
	2004	4,587	5.6	7.8	5,444	10.3	4,077	2.6	4,091	60.1
	2003	8,376	7.3	7.4	8,431	9.7	7,433	3.8	7,347	65.9
	2002	9,366	7.0	8.0	9,216	11.1	8,146	2.5	8,931	65.6
Black, Not Hispanic	2011	2,057	11.9	3.5	2,107	9.6	1,851	6.8	2,101	66.2
	2010	2,073	12.1	3.9	2,126	9.8	1,861	7.8	2,117	63.0
	2009	2,162	12.0	3.9	2,200	8.7	1,966	7.5	2,194	60.3
	2008	2,103	10.9	3.5	1,613	12.1	1,407	5.5	1,950	60.5
	2007	2,034	11.6	4.4	1,535	11.7	1,324	5.0	1,908	56.4
	2006	2,125	11.1	3.6	1,647	11.8	1,434	4.6	2,122	58.2
	2005	2,014	12.3	4.3	1,526	13.6	1,294	4.6	2,032	55.4
	2004	762	10.6	4.6	813	11.1	670	6.6	593	48.9
	2003	1,710	10.9	4.2	1,715	9.7	1,525	6.0	1,483	52.1
	2002	1,895	10.1	4.9	1,876	12.7	1,621	3.9	1,835	53.5

- (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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	4,989	6.3	6.7	5,082	9.0	4,512	3.1	5,069	80.5
	2010	4,919	6.0	7.3	5,067	8.2	4,481	3.1	5,070	79.5
	2009	5,245	6.0	7.6	5,404	8.8	4,749	3.2	5,408	78.6
	2008	4,968	5.1	7.4	4,318	9.4	3,803	1.9	4,497	79.2
	2007	4,633	5.2	7.9	3,832	9.3	3,383	2.2	4,209	77.7
	2006	4,733	5.5	8.3	4,235	9.8	3,675	2.0	4,843	79.0
	2005	4,412	5.6	8.1	3,706	10.1	3,209	2.3	4,550	77.0
	2004	2,168	4.5	8.2	2,392	9.6	1,952	2.2	1,549	65.8
	2003	3,697	5.4	9.3	3,794	7.1	3,368	2.7	3,321	72.3
	2002	3,780	5.4	9.0	3,741	9.5	3,357	2.4	3,710	76.6
American Indian/Alaska Native	2011	211	9.0	8.5	215	10.2	188	5.9	215	76.7
	2010	213	7.5	10.3	216	6.9	197	5.1	217	78.8
	2009	229	9.2	8.7	232	7.8	211	5.2	229	67.7
	2008	217	5.1	11.1	174	11.5	154	2.6	198	65.7
	2007	222	6.3	10.4	172	12.8	149	0.7	212	68.9
	2006	166	7.8	7.2	152	11.2	126	3.2	176	72.2
	2005	178	4.5	13.5	139	8.6	112	0.9	193	70.5
	2004	87	*	*	103	7.8	78	*	77	*
	2003	186	7.0	11.3	184	10.9	161	3.1	162	66.7
	2002	182	4.9	9.3	179	7.8	165	3.0	171	70.2

- (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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	474	8.4	3.2	482	7.9	435	5.7	481	75.5
	2010	408	11.3	3.7	430	10.5	367	6.5	421	73.2
	2009	408	8.3	3.7	417	10.3	366	4.4	412	64.1
	2008	371	9.7	4.0	264	11.0	231	3.0	351	67.2
	2007	366	7.1	4.1	275	8.7	244	4.5	352	65.1
	2006	384	9.1	6.8	295	11.9	259	5.4	383	61.1
	2005	334	9.0	5.1	236	14.0	198	4.5	343	64.4
	2004	140	3.6	5.0	153	13.1	120	2.5	100	32.0
	2003	338	10.1	4.7	343	9.6	300	7.7	298	53.7
	2002	395	5.3	5.1	397	7.6	365	2.5	379	59.1
Multiple Races	2011	295	8.5	4.4	303	8.9	267	4.5	302	71.2
	2010	235	9.8	5.5	242	8.7	215	7.0	238	65.1
	2009	247	8.5	5.7	251	7.6	227	4.8	251	74.1
	2008	227	7.9	5.7	180	11.7	157	1.9	222	72.5
	2007	89	*	*	51	*	48	*	82	*
	2006	178	7.9	7.3	146	13.7	123	2.4	180	64.4
	2005	151	9.3	4.0	102	7.8	91	*	152	62.5
	2004	0	*	*	0	*	0	*	0	*
	2003	0	*	*	0	*	0	*	0	*
	2002	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**  
**2011 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Kansas**

**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	2011	0	*	*	0	*	0	*	0	*
	2010	0	*	*	0	*	0	*	0	*
	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	1	*	*	1	*	1	*	1	*
	2003	0	*	*	0	*	0	*	0	*
	2002	0	*	*	0	*	0	*	0	*
Total All Race/Ethnic Groups	2011	17,976	7.6	6.2	18,356	8.5	16,366	4.3	18,328	74.2
	2010	18,226	7.6	6.6	18,726	8.4	16,603	4.4	18,670	72.2
	2009	18,865	7.7	6.5	19,327	8.8	17,104	4.4	19,312	70.3
	2008	18,210	7.2	6.5	14,503	10.7	12,744	2.8	16,938	69.4
	2007	17,438	7.4	6.7	13,518	10.9	11,773	3.0	16,345	67.7
	2006	18,368	7.4	6.5	15,170	10.6	12,990	3.0	18,878	68.6
	2005	17,572	7.4	6.9	13,915	11.2	11,725	2.9	18,315	67.0
	2004	7,745	5.7	7.6	8,906	10.2	6,898	2.8	6,411	60.0
	2003	14,307	7.3	7.5	14,467	9.1	12,787	3.9	12,611	65.7
	2002	15,618	6.9	7.8	15,409	10.8	13,654	2.6	15,026	66.7

- (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.

