Summary of Demographic Indicators (2)

Total Records	Number	%	Source of Data	Number	%
Complete Records Prenatal Records Postpartum Records	477,377 80,170 170,268	65.6 11.0 23.4	WIC Maternal Health Other	719,505 0 8,310	98.9 0.0 1.1
Total Records Accepted	727,815		Total	727,815	100.0
			Excluded Unknown: 0 0.0		

Race/Ethnic Distribution	Numbe	er %	Age Distribution	Numbe	r %	Education Distribution	Number %
White, Not Hispanic Black, Not Hispanic Hispanic American Indian/Alaskan Native Asian/Pacific Islander All Other	362,805 181,235 146,351 8,673 20,035 6,969	50.0 25.0 20.2 1.2 2.8 1.0	< 15 Years 15 - 17 Years 18 - 19 Years 20 - 29 Years 30 - 39 Years >= 40 Years	3,523 53,386 102,589 433,997 125,817 8,421	0.5 7.3 14.1 59.6 17.3 1.2	< High School High School > High School Total	248,517 36.5 294,719 43.3 137,071 20.1 680,307 100.0
Total	726,068	100.0	Total	727,733	100.0		
Excluded Unknown: 1,747 0.2			Excluded Unknown: 82 0.0			Excluded Unknown: 47,508 6.5	

% Poverty Level	Numbe	er %	Program Participation (3)	Numbe	r %	Migrant Status	Number %
0 - 50 51 - 100 101 - 130	243,972 186,459 92,293	37.6 28.8 14.2	WIC Food Stamps Medicaid	546,651 484,418 484,824	81.2 20.8 59.9	Yes No Total	6,637 0.9 707,787 99.1 714,424 100.0
131 - 150 151 - 185 186 - 200 > 200	46,462 56,593 8,144 14,408	7.2 8.7 1.3 2.2	TANF Excluded Unknown:	484,973	9.9	i otai	714,424 100.0
Adjunctive Eligibility Total	648,331	0.0 100.0	WIC: Food Stamps: Medicaid:	10,896 73,129 72,723	2.0 13.1 13.0		
Excluded Unknown: 79,484 10.9			TANF:	72,574	13.0	Excluded Unknown: 13,391 1.8	

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

(2) Excludes records with unknown data or errors.

(3) Prenatal program participation.

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Table 2D 2002 Pregnancy Nutrition Surveillance Nation

(1)

Summary of Health Indicators

Summary of Health Indica	ators (2)
	National Prevalence
	Number %
Prepregnancy BMI (3) Underweight Normal Weight Overweight Obese	658,420 12.7 658,420 45.2 658,420 14.4 658,420 27.8
Maternal Weight Gain (4) Less Than Ideal Ideal Greater Than Ideal	558,066 25.7 558,066 43.5 558,066 30.8
Anemia (Low Hb/Hct) (5) 1 st Trimester 2 nd Trimester 3 rd Trimester Postpartum	196,351 6.5 186,011 10.3 100,071 30.6 518,731 35.1
Parity (6) 0 1 2 ≥ 3	640,776 46.5 640,776 27.3 640,776 15.2 640,776 11.0
Interpregnancy Interval < 6 Months 6 - <18 Months ≥18 Months	378,012 13.0 378,012 27.6 378,012 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.

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Table 2D 2002 Pregnancy Nutrition Surveillance Nation

(1)

Summary of Health Indicators

Summary of Health Indicators (2)		
	Nationa Prevaler	
	Number	%
Medical Care 1 st Trimester No Care	437,601 437,601	75.9 9.6
WIC Enrollment 1 st Trimester 2 nd Trimester 3 rd Trimester Postpartum (3)	666,694 666,694 666,694 666,694	27.4 29.4 23.4 19.9
Smoking 3 Months Prior to Pregnancy During Pregnancy Last 3 Months of Pregnancy Postpartum	591,104 528,742 423,755 467,521	30.8 19.2 20.3 20.8
Smoking Changes (4) Quit Smoking by First Prenatal Visit Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	165,120 107,528	41.5 31.1
Smoking in Household During Pregnancy Postpartum	305,692 340,900	27.7 24.0
Drinking 3 Months Prior to Pregnancy Last 3 Months of Pregnancy	535,600 414,835	8.8 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.

Table 2D2002 Pregnancy Nutrition Surveillance (1)NationSummary of Health Indicators

Summary of Health Indicators (2)			
	National Prevalence		
	Number	%	
Birthweight (3) Very Low Low Normal High Preterm (4) Full term Low Birth Weight (5) Multiple Births	572,813 572,813 572,813 572,813 552,813 559,297 478,431 561,253	1.1 6.9 84.5 7.5 11.2 4.0 1.7	
Breastfeeding Ever Breastfed	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.

Comparison of Racial and Ethnic Distribution by Contributor

		Comparison	of Racial and	Ethnic Distrib	oution ⁽²⁾		
Contributor	Number Included in	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaskan Native	Asian/Pacific Islander	All Other/Unknown
	Analysis	%	%	%	%	%	%
Florida	120,616	36.2	31.0	31.3	0.2	1.4	0.0
Georgia	62,183	36.4	43.7	17.7	0.1	1.7	0.5
Hawaii	9,881	17.7	3.0	5.2	0.3	73.9	0.0
Idaho	9,169	71.9	0.6	22.9	2.6	1.2	0.7
Illinois	80,785	32.6	27.4	35.7	0.1	2.4	1.8
Indiana	37,104	66.7	18.2	12.8	0.2	0.9	1.2
lowa	17,529	78.2	6.6	12.2	0.7	2.3	0.0
Kansas	16,044	60.1	12.1	24.2	1.2	2.5	0.0
Michigan	60,555	59.4	28.8	10.0	0.5	1.3	0.0
Minnesota	10,746	60.6	13.6	14.5	3.2	7.1	1.0
Missouri	40,574	66.6	22.3	4.6	0.2	1.0	5.4
Montana	4,345	73.5	0.6	3.2	21.8	0.9	0.0
Nebraska	11,402	60.8	9.3	25.4	1.8	1.7	0.9
New Hampshire	4,834	96.9	1.0	1.5	0.0	0.5	0.0
New Jersey	38,824	17.7	28.9	45.6	0.1	3.3	4.3
North Carolina	55,165	44.1	35.0	17.2	2.2	1.6	0.0
North Dakota	3,628	75.2	2.4	4.0	17.4	1.0	0.0
Ohio	68,878	66.8	26.2	4.7	0.1	0.8	1.4
Utah	24,677	64.6	0.9	28.7	1.6	2.9	1.3
Vermont	3,488	89.9	1.0	0.1	0.6	0.9	7.6

(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.

CDC

Comparison of Racial and Ethnic Distribution by Contributor

		Comparison	of Racial and	Ethnic Distrib	ution ⁽²⁾		
Contributor	Included in	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaskan Native	Asian/Pacific Islander	All Other/Unknown
	Analysis	%	%	%	%	%	%
West Virginia	14,475	89.9	4.1	0.5	0.1	0.2	5.1
Wisconsin	28,924	58.6	19.7	15.7	2.2	3.8	0.0
AZ I/Tribal Council	2,980	4.6	0.4	16.3	76.8	0.3	1.5
Cheyenne River-SD	162	3.1	0.0	0.6	96.3	0.0	0.0
Chickasaw Nation-OK	847	51.8	3.5	6.1	38.1	0.4	0.0
Nation	727,815	49.8	24.9	20.1	1.2	2.8	1.2

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

(2) Excludes data with errors.

Table 4D2002 Pregnancy Nutrition Surveillance(1)Nation 2002Comparison of Age Distribution by Contributor

Comparison of Age Distribution

(2)

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			-	-				
Contributor	Number Included in	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown
	Analysis	,0	,,	/0	70	70	70	%
Florida	120,616	0.5	7.1	12.8	57.0	21.0	1.7	0.0
Georgia	62,183	0.5	7.9	14.1	60.0	16.6	1.0	0.0
Hawaii	9,881	0.2	4.7	11.3	59.6	22.7	1.4	0.0
Idaho	9,169	0.3	6.8	15.1	63.0	14.1	0.8	0.0
Illinois	80,785	0.5	8.1	13.8	58.0	18.4	1.2	0.0
Indiana	37,104	0.4	7.8	16.4	60.9	13.6	0.8	0.0
lowa	17,529	0.3	6.8	14.3	62.2	15.4	1.0	0.0
Kansas	16,044	0.5	7.0	14.8	61.4	15.5	0.9	0.0
Michigan	60,555	0.5	7.3	13.7	60.2	17.2	1.1	0.0
Minnesota	10,746	0.4	6.0	12.7	60.2	19.4	1.3	0.0
Missouri	40,574	0.5	8.2	15.9	60.0	14.4	0.9	0.0
Montana	4,345	0.2	7.2	15.1	61.6	14.7	1.2	0.0
Nebraska	11,402	0.3	6.7	14.5	60.7	16.9	1.0	0.0
New Hampshire	4,834	0.1	5.8	14.3	59.0	19.3	1.4	0.0
New Jersey	38,824	0.5	6.3	11.2	56.9	23.4	1.7	0.0
North Carolina	55,165	0.7	8.6	14.7	60.1	15.1	0.8	0.0
North Dakota	3,628	0.2	5.1	15.3	63.2	14.9	0.9	0.3
Ohio	68,878	0.6	7.3	15.9	60.7	14.6	0.9	0.0
Utah	24,677	0.3	5.3	12.0	66.0	15.5	0.9	0.0
Vermont	3,488	0.3	5.7	12.5	59.1	20.9	1.5	0.0
West Virginia	14,475	0.4	6.6	15.4	63.3	13.7	0.6	0.0

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

(2) Excludes data with errors.

Table 4D2002 Pregnancy Nutrition Surveillance(1)Nation 2002Comparison of Age Distribution by Contributor

	Comparison of Age Distribution (2)								
Contributor	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %	
Wisconsin	28,924	0.5	7.4	15.9	59.6	15.5	1.1	0.0	
AZ I/Tribal Council	2,980	0.9	9.2	13.2	55.1	18.8	1.2	1.5	
Cheyenne River-SD	162	0.0	6.2	16.0	58.0	18.5	1.2	0.0	
Chickasaw Nation-OK	847	0.6	6.7	15.6	66.0	10.2	0.9	0.0	
Nation	727,815	0.5	7.3	14.1	59.6	17.3	1.2	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.

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CDC

Table 5D2002 Pregnancy Nutrition Surveillance(1)Nation 2002Comparison of Maternal Health Indicators by Contributor

		Com	parison o	of Mater	nal Healt	h Indicat	ors (2,	3)		
Contributor	Pr	epregnancy (4)	BMI		Weight Gain (5)	l	Anemia (Low Hb/Hct) (6)			
		Under- weight	Over- weight		< Ideal	> Ideal	3rd T	rimester	Post	partum
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)
Florida	116,956	13.1 (18)	39.5 (4)	83,321	26.0 (15)	32.3 (19)	16,891	35.6 (21)	66,317	38.0 (19)
Georgia	48,222	11.5 (6)	44.7 (21)	48,110	26.9 (19)	30.5 (11)	2,536	40.9 (23)	49,906	41.1 (21)
Hawaii	9,606	15.8 (25)	36.2 (1)	8,356	21.1 (7)	35.7 (24)	1,209	26.5 (11)	5,952	43.2 (23)
Idaho	7,645	12.1 (12)	41.3 (6)	6,431	19.4 (3)	31.6 (16)	1,411	17.2 (2)	6,872	17.5 (2)
Illinois	79,278	10.9 (4)	42.8 (14)	74,987	27.6 (20)	31.1 (13)	12,018	29.4 (13)	49,890	36.4 (18)
Indiana	30,844	14.3 (23)	43.5 (17)	24,767	20.1 (5)	34.6 (22)	5,355	32.8 (19)	19,501	29.6 (14)
Iowa	15,967	12.9 (16)	43.2 (15)	13,876	20.8 (6)	31.5 (15)	2,464	26.0 (10)	15,000	28.3 (10)
Kansas	15,345	12.1 (12)	43.8 (18)	15,133	21.4 (8)	30.6 (12)	2,615	24.9 (8)	14,526	28.6 (12)
Michigan	55,448	12.0 (10)	44.0 (19)	47,611	32.2 (22)	27.7 (6)	10,444	30.4 (14)	45,425	43.5 (24)
Minnesota	9,926	10.9 (4)	42.3 (11)	8,527	26.0 (15)	29.2 (9)	147	33.3 (20)	8,993	28.3 (10)
Missouri	40,209	13.7 (19)	42.3 (11)	35,837	21.7 (9)	30.4 (10)	5,125	36.4 (22)	28,673	34.0 (16)
Montana	4,058	11.6 (8)	41.7 (7)	3,924	21.7 (9)	36.7 (25)	749	20.4 (4)	4,138	18.7 (3)
Nebraska	11,108	11.7 (9)	41.7 (7)	10,041	29.9 (21)	27.6 (5)	1,677	23.6 (6)	9,452	25.9 (7)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

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

(5) 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).

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

Table 5D2002 Pregnancy Nutrition Surveillance(1)Nation 2002Comparison of Maternal Health Indicators by Contributor

		Com	parison o	of Mater	nal Healt	h Indicat	ors (2,	3)		
Contributor	Pr	epregnancy (4)	BMI	Weight Gain ⁽⁵⁾			Anemia (Low Hb/Hct) (6)			
		Under- weight	Over- weight		< Ideal	> Ideal	3rd T	rimester	Post	partum
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)
New Hampshire	3,600	14.2 (22)	39.1 (3)	2,871	72.0 (24)	8.1 (2)	760	27.1 (12)	3,829	26.5 (8)
New Jersey	30,799	10.8 (3)	40.2 (5)	23,744	23.5 (12)	28.0 (7)	5,493	31.9 (18)	30,280	55.2 (25)
North Carolina	40,096	14.0 (20)	44.8 (22)	30,512	26.3 (18)	26.8 (4)	7,303	31.8 (17)	40,643	40.1 (20)
North Dakota	3,428	12.0 (10)	42.2 (10)	2,398	14.0 (1)	35.1 (23)	488	24.6 (7)	2,166	28.8 (13)
Ohio	68,051	14.1 (21)	42.7 (13)	58,710	24.5 (13)	33.6 (21)	11,957	31.6 (16)	57,676	32.3 (15)
Utah	24,416	12.9 (16)	36.8 (2)	22,014	25.9 (14)	31.3 (14)	3,699	12.4 (1)	22,432	13.4 (1)
Vermont	2,722	12.5 (15)	43.4 (16)	2,509	22.1 (11)	32.0 (18)	396	19.7 (3)	2,928	21.8 (5)
West Virginia	11,887	15.3 (24)	44.6 (20)	10,416	19.0 (2)	31.9 (17)	2,056	22.8 (5)	13,203	20.7 (4)
Wisconsin	25,042	12.2 (14)	41.7 (7)	21,801	26.0 (15)	28.6 (8)	4,619	31.0 (15)	17,926	26.5 (8)
AZ I/Tribal Council	2,824	5.2 (1)	59.2 (25)	1,378	36.6 (23)	20.0 (3)	517	25.3 (9)	2,150	24.4 (6)
Cheyenne River-SD	133	6.0 (2)	49.6 (23)	107	76.6 (25)	2.8 (1)	23	* *	132	34.1 (17)
Chickasaw Nation-OK	810	11.5 (6)	50.9 (24)	685	19.9 (4)	33.4 (20)	119	43.7 (24)	721	41.5 (22)
Nation	658,420	12.7	42.2	558,066	25.7	30.8	100,071	30.6	518,731	35.1

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

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

(5) 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).

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

Comparison of Maternal Behavioral Indicators by Contributor

Comparison of Maternal Behavioral Indicators (2, 3)											
Contributor		Medical Care)	WIC Er	rollment						
		1st Trimester	No Care	1st Tr	imester						
	Number	% (Rank)	% (Rank)	Number	% (Rank)						
Florida	0	* *	* *	113,881	21.6 (22)						
Georgia	51,029	82.6 (7)	1.9 (5)	53,727	31.8 (13)						
Hawaii	9,040	69.9 (14)	1.3 (3)	9,637	18.2 (23)						
Idaho	7,944	66.0 (16)	26.1 (16)	7,667	41.6 (3)						
Illinois	80,573	67.5 (15)	20.2 (15)	71,622	3.2 (25)						
Indiana	0	* *	* *	25,667	41.7 (2)						
Iowa	15,721	79.4 (8)	13.2 (13)	16,753	33.1 (12)						
Kansas	15,178	77.9 (9)	5.0 (8)	15,766	26.4 (21)						
Michigan	52,738	73.8 (12)	10.6 (11)	58,086	30.7 (16)						
Minnesota	0	* *	* *	10,478	13.9 (24)						
Missouri	36,631	73.0 (13)	15.5 (14)	39,989	41.5 (4)						
Montana	4,216	83.0 (6)	5.3 (9)	4,278	40.5 (7)						
Nebraska	10,124	87.4 (1)	1.8 (4)	11,102	27.4 (19)						
New Hampshire	3,774	42.6 (17)	53.8 (17)	3,778	40.9 (6)						
New Jersey	0	* *	* *	28,221	27.0 (20)						
North Carolina	48,545	77.1 (10)	0.9 (2)	54,551	29.2 (17)						

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

Comparison of Maternal Behavioral Indicators by Contributor

Comparis	on of Ma	aternal Bel	havioral I	ndicator	s ^(2, 3)		
Contributor		Medical Care	9	WIC Enrollment			
	1	st Trimester	1st Tr	imester			
	Number	% (Rank)	% (Rank)	Number	% (Rank)		
North Dakota	3,085	83.6 (4)	3.0 (7)	3,081	41.5 (4)		
Ohio	59,270	83.2 (5)	2.7 (6)	66,863	31.3 (15)		
Utah	0	* *	* *	24,507	31.8 (13)		
Vermont	2,995	85.9 (2)	0.3 (1)	3,347	37.4 (9)		
West Virginia	10,959	85.0 (3)	5.7 (10)	12,252	48.3 (1)		
Wisconsin	25,779	74.1 (11)	12.5 (12)	27,533	33.2 (11)		
AZ I/Tribal Council	0	* *	* *	2,950	27.9 (18)		
Cheyenne River-SD	0	* *	* *	134	36.6 (10)		
Chickasaw Nation-OK	0	* *	* *	824	38.7 (8)		
Nation	437,601	75.9	9.6	666,694	27.4		

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

Table 7D 2002 Pregnancy Nutrition Surveillance (1) Nation 2002 (1)

Comparison of Smoking Indicators by Contributor

		Со	mpariso	n of Smo	king Ind	icators	(2, 3)					
Contributor		Smo	king			moking Prenatal	Smoking in Household					
		onths Pregnancy	Last 3 Months of Pregnancy		Visit and Stayed Off Cigarettes (4)		Pre	natal	Postpartum			
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)		
Florida	91,552	17.2 (3)	7,707	25.6 (15)	2,363	26.6 (18)	0	* *	0	* *		
Georgia	0	* *	0	* *	0	* *	0	* *	0	* *		
Hawaii	6,912	22.6 (6)	9,166	6.5 (2)	1,397	60.6 (2)	6,911	27.9 (6)	9,166	15.9 (4)		
Idaho	0	* *	0	* *	0	* *	7,078	29.7 (7)	7,042	24.4 (7)		
Illinois	80,549	20.9 (5)	76,351	13.6 (6)	12,929	26.9 (16)	62,089	20.2 (4)	67,387	15.9 (4)		
Indiana	37,103	37.6 (11)	10,464	26.2 (17)	2,744	31.0 (11)	31,391	21.7 (5)	31,070	21.3 (6)		
lowa	16,821	44.1 (17)	15,859	27.8 (19)	5,405	30.1 (13)	13,289	41.7 (14)	15,839	34.7 (14)		
Kansas	15,654	37.8 (12)	15,571	20.8 (10)	4,307	36.2 (6)	0	* *	0	* *		
Michigan	51,212	41.5 (14)	45,335	24.4 (12)	13,334	30.2 (12)	0	* *	0	* *		
Minnesota	10,743	34.6 (9)	9,309	14.7 (7)	468	33.3 (7)	0	* *	0	* *		
Missouri	40,421	39.7 (13)	37,024	25.0 (14)	11,876	26.7 (17)	32,333	39.5 (12)	36,869	29.8 (10)		
Montana	4,326	41.8 (15)	4,225	9.0 (5)	1,646	40.4 (4)	4,043	30.2 (8)	4,212	25.4 (8)		
Nebraska	11,222	34.2 (8)	2,132	19.4 (9)	33	* *	1,088	41.1 (13)	10,211	32.7 (12)		
New Hampshire	3,099	50.0 (21)	2,763	32.0 (21)	890	20.9 (20)	0	* *	0	* *		
New Jersey	38,823	11.6 (2)	11,237	7.0 (3)	787	40.3 (5)	31,436	4.6 (1)	31,790	4.8 (1)		
North Carolina	44,204	27.9 (7)	48,776	19.2 (8)	10,429	28.9 (14)	0	* *	0	* *		

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

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

Table 7D 2002 Pregnancy Nutrition Surveillance (1) Nation 2002 (1)

Comparison of Smoking Indicators by Contributor

		Co	mpariso	n of Smo	king Indi	icators	(2, 3)			
Contributor		Smo	king			moking Prenatal		Smoking in	Household	
		onths Pregnancy	Last 3 Months of Pregnancy		Visit and Stayed Off Cigarettes (4)		Pre	natal	Postpartum	
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
North Dakota	3,256	49.1 (20)	2,770	27.4 (18)	1,010	32.4 (10)	2,764	33.1 (9)	2,735	28.6 (9)
Ohio	68,620	44.9 (18)	60,407	25.6 (15)	22,073	33.2 (8)	56,534	37.2 (10)	60,055	30.9 (11)
Utah	24,642	18.0 (4)	22,611	7.9 (4)	2,950	45.5 (3)	19,111	14.9 (2)	22,493	10.4 (3)
Vermont	2,673	48.4 (19)	3,067	31.1 (20)	1,069	20.8 (21)	0	* *	0	* *
West Virginia	13,819	52.4 (22)	11,240	34.1 (22)	4,622	28.1 (15)	12,052	38.6 (11)	13,379	46.3 (16)
Wisconsin	22,548	42.2 (16)	24,910	24.5 (13)	6,872	32.9 (9)	22,642	43.4 (16)	25,745	41.5 (15)
AZ I/Tribal Council	2,193	11.2 (1)	2,108	2.5 (1)	136	71.3 (1)	2,296	16.4 (3)	2,192	8.4 (2)
Cheyenne River-SD	76	* *	12	* *	5	* *	0	* *	0	* *
Chickasaw Nation-OK	636	36.2 (10)	711	21.2 (11)	183	24.6 (19)	635	43.1 (15)	715	33.4 (13)
Nation	591,104	30.8	423,755	20.3	107,528	31.1	305,692	27.7	340,900	24.0

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

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

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Comparison of Infant Health Indicators by Contributor

	(Compari	son of li	nfant He	alth Indic	ators	(2, 3)		
Contributor		Birthweight		Pre	eterm (6)		rm LBW ⁷⁾	Ever B	reastfed
		Low (4)	High (5)						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Florida	98,787	8.2 (18)	6.9 (3)	94,466	13.0 (19)	82,062	3.3 (14)	98,967	65.7 (7)
Georgia	40,459	7.9 (17)	7.1 (6)	41,344	13.4 (20)	29,824	3.5 (17)	49,541	49.4 (20)
Hawaii	8,972	8.5 (21)	7.4 (8)	0	* *	8,969	8.5 (24)	5,958	79.7 (2)
Idaho	7,896	5.8 (3)	8.0 (13)	6,432	9.6 (6)	5,803	2.1 (1)	7,831	80.5 (1)
Illinois	60,507	7.7 (16)	7.3 (7)	70,546	11.7 (15)	51,217	3.3 (14)	66,144	55.2 (16)
Indiana	24,486	7.4 (14)	7.4 (8)	18,584	14.4 (23)	15,853	2.7 (7)	24,427	54.2 (19)
lowa	15,351	7.3 (11)	9.2 (16)	14,699	12.9 (18)	12,742	2.9 (10)	15,354	57.1 (15)
Kansas	15,588	6.9 (8)	7.8 (12)	15,390	10.8 (12)	13,637	2.6 (5)	14,997	66.6 (6)
Michigan	48,958	8.2 (18)	8.4 (14)	51,641	0.1 (1)	48,786	8.2 (23)	48,322	48.9 (21)
Minnesota	8,978	6.6 (5)	10.5 (22)	8,889	9.6 (6)	7,997	2.7 (7)	8,947	66.8 (5)
Missouri	35,740	8.2 (18)	7.4 (8)	35,880	12.8 (17)	30,957	3.7 (18)	36,021	47.3 (22)
Montana	0	* *	* *	4,068	10.6 (9)	0	* *	4,126	73.8 (4)
Nebraska	9,990	7.3 (11)	8.5 (15)	9,762	11.1 (13)	8,659	2.9 (10)	8,894	60.2 (11)
New Hampshire	4,243	6.8 (6)	11.0 (23)	3,261	9.0 (3)	2,947	2.8 (9)	4,317	60.2 (11)

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

- (4) <2500 g.
- (5) >4000 g.
- (6) <37 weeks gestation.

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

Comparison of Infant Health Indicators by Contributor

	(Compari	son of li	nfant He	alth Indic	ators	(2, 3)		
Contributor	,	Birthweight		Pre	eterm (6)	Full Ter		Ever B	reastfed
		Low (4)	High (5)		(0)	7)	')		
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
New Jersey	19,602	6.9 (8)	7.4 (8)	14,268	14.4 (23)	12,125	2.4 (3)	19,471	61.2 (10)
North Carolina	48,861	9.2 (23)	7.0 (5)	48,116	14.3 (22)	41,216	3.9 (20)	47,655	54.5 (18)
North Dakota	2,691	7.1 (10)	9.6 (19)	2,281	11.7 (15)	1,949	3.3 (14)	2,773	54.6 (17)
Ohio	58,263	8.7 (22)	6.7 (2)	57,562	10.7 (10)	50,447	4.3 (21)	58,006	36.2 (24)
Utah	20,378	7.3 (11)	6.3 (1)	21,894	11.5 (14)	18,081	2.6 (5)	20,366	77.9 (3)
Vermont	3,169	6.8 (6)	10.2 (21)	3,123	9.2 (4)	2,834	2.9 (10)	3,091	65.3 (8)
West Virginia	12,970	9.9 (24)	6.9 (3)	10,596	13.7 (21)	9,131	3.8 (19)	12,886	40.2 (23)
Wisconsin	23,758	7.4 (14)	9.2 (16)	23,341	10.7 (10)	20,350	3.1 (13)	23,977	59.2 (13)
AZ I/Tribal Council	2,322	6.2 (4)	9.4 (18)	2,330	10.0 (8)	2,091	2.3 (2)	1,169	61.3 (9)
Cheyenne River-SD	124	5.6 (2)	12.9 (24)	104	1.0 (2)	102	4.9 (22)	56	* *
Chickasaw Nation-OK	720	5.3 (1)	10.0 (20)	720	9.2 (4)	652	2.5 (4)	698	57.9 (14)
Nation	572,813	8.0	7.5	559,297	11.2	478,431	4.0	583,994	55.7

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

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

Table 9D 2002 Pregnancy Nutrition Surveillance ⁽¹⁾ Nation

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Maternal Health Indicators by Race/Ethnicity, Age, or Education

Ma	ternal He	alth Indi	cators by	Race/E	thnicity	, Age, or	Educatio	on ⁽²⁾			
	Prepregnancy BMI (3)			V	Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under- weight	Over- weight		< Ideal	> Ideal	3rd Trin	nester	Postpa	artum	
	Number	%	%	Number	%	%	Number	%	Number	%	
Race/Ethnicity											
White, Not Hispanic	330,578	15.1	40.3	283,276	22.8	33.9	48,677	24.9	275,055	27.6	
Black, Not Hispanic	161,808	10.2	48.9	135,070	28.5	26.8	26,664	45.4	118,633	51.7	
Hispanic	132,292	8.5	40.2	111,768	29.4	28.0	19,354	25.8	98,835	36.4	
American Indian/Alaskan Native	7,911	8.5	53.4	5,723	26.2	28.5	1,318	28.8	6,497	35.4	
Asian/Pacific Islander	18,419	21.3	27.1	15,938	27.8	28.9	2,838	25.3	13,514	35.7	
All Other/Unknown	7,412	13.0	37.3	6,291	26.5	29.8	1,220	28.5	6,197	33.7	
Total	658,420	12.7	42.2	558,066	25.7	30.8	100,071	30.6	518,731	35.1	
Age											
< 15 Years	3,213	21.7	20.0	2,614	25.7	38.9	512	40.8	2,397	40.5	
15 - 17 Years	48,880	21.6	23.4	40,952	24.2	38.6	7,059	35.8	37,275	40.6	
18 - 19 Years	94,024	18.5	30.6	78,985	22.7	37.7	13,711	31.7	72,392	38.1	
20 - 29 Years	391,322	11.8	44.0	332,899	25.5	30.0	61,331	30.3	311,414	34.5	
30 - 39 Years	113,401	7.1	53.1	96,430	29.3	24.6	16,357	28.5	89,528	32.7	
>= 40 Years	7,503	5.7	55.3	6,160	33.3	22.4	1,095	29.5	5,725	33.9	
Unknown	77	*	*	26	*	*	6	*	0	*	
Total	658,420	12.7	42.2	558,066	25.7	30.8	100,071	30.6	518,731	35.1	
Education											
< High School	224,387	14.4	38.4	189,058	28.4	30.1	33,639	33.4	177,109	38.3	
High School	270,763	12.0	43.9	230,788	24.9	31.0	41,226	30.1	213,225	35.3	
> High School	124,680	10.4	44.9	107,381	23.7	30.8	18,835	26.4	101,328	30.6	
Unknown	38,590	13.9	42.9	30,839	23.1	32.7	6,371	31.7	27,069	30.3	
Total	658,420	12.7	42.2	558,066	25.7	30.8	100,071	30.6	518,731	35.1	

(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.

Mation Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education

Maternal Behavior	ral Indicat ge, or Edu	ors by ication	Race/Eth	nicity, (2)	
	N	ledical Ca	ıre	WIC Enrollmen		
	1st Ti	rimester	No Care	1st Trim	lester	
	Number	%	%	Number	%	
Race/Ethnicity						
White, Not Hispanic	233,233	80.0	9.4	334,853	33.2	
Black, Not Hispanic	110,179	73.5	7.6	165,394	22.0	
Hispanic	70,827	67.9	13.8	132,216	20.5	
American Indian/Alaskan Native	4,252	76.3	5.8	8,301	32.0	
Asian/Pacific Islander	14,057	69.2	6.4	18,677	17.4	
All Other/Unknown	5,053	72.3	14.6	7,253	25.8	
Total	437,601	75.9	9.6	666,694	27.4	
Age						
< 15 Years	2,110	54.4	10.0	3,274	26.0	
15 - 17 Years	32,892	67.9	10.4	49,456	28.2	
18 - 19 Years	63,345	73.7	10.3	95,215	30.9	
20 - 29 Years	262,864	77.3	9.3	397,326	27.2	
30 - 39 Years	71,922	77.4	9.7	113,811	25.0	
>= 40 Years	4,441	72.8	10.7	7,538	22.4	
Unknown	27	*	*	74	*	
Total	437,601	75.9	9.6	666,694	27.4	
Education						
< High School	156,847	69.7	11.7	231,107	26.8	
High School	186,189	78.7	8.2	274,064	27.4	
> High School	87,104	82.1	7.7	127,252	25.4	
Unknown	7,461	64.5	22.7	34,271	37.4	
Total	437,601	75.9	9.6	666,694	27.4	

(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.

Smoking Indicators by Race/Ethnicity, Age, or Education

	Smoking	J Indica	tors by Ra	ce/Ethn	icity, Age,	or Edu	cation ⁽²)		
		Smo	oking		Quit Sm By First P	renatal	Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy		Visit and Stayed Off Cigarettes (3)		Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
Race/Ethnicity										
White, Not Hispanic	304,300	47.3	232,827	30.1	85,806	28.6	167,068	39.1	186,646	34.8
Black, Not Hispanic	137,123	17.9	92,458	12.4	14,289	37.0	58,705	17.8	63,772	13.8
Hispanic	118,957	6.0	71,267	2.6	3,448	54.1	59,219	7.4	65,539	6.0
American Indian/Alaskan Native	7,110	37.8	6,362	18.4	1,696	36.8	4,892	28.7	4,966	24.5
Asian/Pacific Islander	15,445	12.8	14,760	4.9	1,480	56.0	10,126	21.8	13,123	13.9
All Other/Unknown	8,169	19.0	6,081	11.7	809	34.0	5,682	17.2	6,854	16.5
Total	591,104	30.8	423,755	20.3	107,528	31.1	305,692	27.7	340,900	24.0
Age										
< 15 Years	2,985	17.9	2,009	8.3	348	48.6	1,544	40.0	1,478	33.7
15 - 17 Years	44,522	31.1	30,749	18.1	8,761	36.0	23,953	40.9	24,063	35.1
18 - 19 Years	85,646	38.4	60,221	22.4	20,240	35.5	47,551	37.5	48,667	31.9
20 - 29 Years	351,248	31.2	256,028	20.7	64,639	31.1	182,098	25.8	206,029	22.8
30 - 39 Years	100,056	23.6	70,281	18.4	12,779	21.4	47,586	18.7	57,013	17.1
>= 40 Years	6,576	24.5	4,437	20.4	758	16.1	2,901	19.4	3,625	16.8
Unknown	71	*	30	*	3	*	59	*	25	*
Total	591,104	30.8	423,755	20.3	107,528	31.1	305,692	27.7	340,900	24.0
Education										
< High School	197,968	33.0	144,228	24.1	40,432	25.1	99,638	32.7	107,573	28.3
High School	239,655	32.0	175,550	21.2	48,573	32.7	120,208	29.3	136,002	25.4
> High School	110,579	22.0	87,298	11.4	14,613	42.4	52,703	18.4	63,735	15.6
Unknown	42,902	36.1	16,679	24.2	3,910	30.5	33,143	21.8	33,590	21.1
Total	591,104	30.8	423,755	20.3	107,528	31.1	305,692	27.7	340,900	24.0

(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.

Infant Health Indicators by Race/Ethnicity, Age, or Education

Infar	t Health Ir	dicator	s by Rad	ce/Ethnicit	y, Age,	or Educati	on (2))	
	E	Birthweight		Prete		Full Term	LBW	Ever Bre	astfed
		Low (3)	High (4)	- (5))	(6)			
	Number	%	%	Number	%	Number	%	Number	%
Race/Ethnicity									
White, Not Hispanic	290,438	7.3	8.6	284,427	10.2	245,992	3.5	294,143	53.9
Black, Not Hispanic	138,507	11.4	4.6	138,779	13.9	111,650	5.8	144,576	42.6
Hispanic	114,489	5.7	8.1	113,516	10.5	95,642	2.6	118,080	74.7
American Indian/Alaskan Native	6,181	6.7	11.0	6,862	11.2	5,268	3.0	6,082	56.0
Asian/Pacific Islander	16,712	8.1	5.8	9,904	10.2	15,033	6.4	14,512	65.3
All Other/Unknown	6,486	7.6	8.3	5,809	10.9	4,846	3.0	6,601	63.9
Total	572,813	8.0	7.5	559,297	11.2	478,431	4.0	583,994	55.7
Age									
< 15 Years	2,698	8.7	3.3	2,697	15.7	2,177	5.1	2,741	36.1
15 - 17 Years	41,280	8.1	4.7	41,244	12.4	34,585	4.8	42,237	45.6
18 - 19 Years	79,842	7.2	5.6	79,055	10.6	68,046	4.3	81,416	51.1
20 - 29 Years	343,236	6.5	7.6	334,382	10.7	287,798	3.7	350,056	56.3
30 - 39 Years	99,418	7.6	9.9	95,816	12.7	80,908	4.2	101,130	61.9
>= 40 Years	6,310	10.3	9.1	6,077	16.4	4,897	6.5	6,388	63.8
Unknown	29	*	*	26	*	20	*	26	*
Total	572,813	8.0	7.5	559,297	11.2	478,431	4.0	583,994	55.7
Education									
< High School	194,772	7.3	6.3	196,237	11.5	164,069	4.4	200,643	50.7
High School	235,256	6.9	7.7	229,674	10.8	199,679	4.0	238,728	54.0
> High School	109,921	6.4	9.0	107,923	10.8	93,003	3.4	111,621	68.8
Unknown	32,864	6.7	7.8	25,463	13.6	21,680	2.9	33,002	55.3
Total	572,813	8.0	7.5	559,297	11.2	478,431	4.0	583,994	55.7

(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.

Maternal Weight Gain and Birth Outcomes by Select Health Indicators

Matern	al Weight G	ain and	Birth Ou	tcomes by	Select	Health Ir	dicators	(2)				
	W	eight Gain	(3)	Birth Outcomes								
		< Ideal	> Ideal	E	Birthweight							
							Low (4)	High (5)	Preter (6)	'n	Full Term (7)	LBW
	Number	%	%	Number	%	%	Number	%	Number	%		
Prepregnancy BMI												
Underweight	69,611	30.1	29.8	65,769	11.3	3.2	66,169	12.8	56,102	6.2		
Normal Weight	251,632	26.7	40.9	235,952	7.7	6.2	238,556	10.8	205,094	3.9		
Overweight	80,490	15.5	59.3	75,736	6.9	8.6	76,813	10.5	65,980	3.2		
Obese	154,305	27.4	0.0	146,331	7.1	10.8	148,111	11.3	126,430	3.2		
Weight Gain												
< Ideal	-	_	_	123,961	12.5	4.1	126,681	14.4	103,291	6.4		
Ideal	-	-	_	220,151	7.2	7.9	222,367	10.8	191,269	3.5		
> Ideal	-	-	_	155,960	5.1	9.4	157,891	8.6	138,937	2.6		
Smoking During Pregnancy												
Smokers	83,530	25.6	32.0	79,665	10.3	4.5	81,398	11.1	70,029	5.9		
Non-Smokers	336,222	25.3	30.4	328,995	6.7	8.3	334,547	10.9	289,682	3.2		

(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.

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Table 14D2002 Pregnancy Nutrition Surveillance(1)NationSummary of Trends in Racial and Ethnic Distribution

Summary of Trends in Racial and Ethnic Distribution ⁽²⁾												
Nation	Included in	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaskan Native	Asian/Pacific Islander	All Other/Unknown					
	Analysis	%	%	%	%	%	%					
2002	727,815	49.8	24.9	20.1	1.2	2.8	1.2					
2001	733,583	50.4	25.5	19.2	1.1	2.7	1.2					
2000	704,512	51.0	26.5	17.8	1.1	2.7	1.0					

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

(2) Excludes records with unknown data or errors.

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Summary of Trends in Age Distribution

	Summary of Trends in Age Distribution (2)											
Year	Number Included in Analysis< 15 Years15 - 17 Years18 - 19 Years20 - 29 Years30 - 39 Years>= 40 YearsUnknow%%%%%%%%%											
2002	727,815	0.5	7.3	14.1	59.6	17.3	1.2	0.0				
2001	733,583	0.5	7.7	14.5	59.2	16.7	1.1	0.1				
2000	704,512	0.6	8.3	15.2	58.7	16.2	1.1	0.0				

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

(2) Excludes records with unknown data or errors.

Table 16D2002 Pregnancy Nutrition Surveillance(1)NationSummary of Trends in Maternal Health Indicators

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Summary of Trends in Maternal Health Indicators (2)												
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)					
		Under- weight	Over- weight	< Ideal > Ideal			3rd Trin	nester	Postpartum			
	Number	%	%	Number	%	%	Number	%	Number	%		
2002	658,420	12.7	42.2	558,066	25.7	30.8	100,071	30.6	518,731	35.1		
2001	660,768	13.1	41.4	550,431	25.8	30.7	95,392	29.6	524,331	35.0		
2000	636,089	13.7	40.6	521,052	26.0	30.7	98,588	29.7	529,506	35.3		

- (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 17D2002 Pregnancy Nutrition Surveillance(1)NationSummary of Trends in Maternal Behavioral Indicators

Summary of Tr	Summary of Trends in Maternal Behavioral Indicators (2)											
Year	N	ledical Ca	WIC Enrollment									
	1st Tri	mester	1st Trimester									
	Number	%	%	Number	%							
2002	437,601	75.9	9.6	666,694	27.4							
2001	584,227	75.7	7.7	617,595	26.7							
2000	553,217	75.7	7.7	614,061	26.7							

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

(2) Excludes records with unknown data or errors.

Table 18D2002 Pregnancy Nutrition Surveillance(1)NationSummary of Trends in Smoking Indicators

	Summary of Trends in Smoking Indicators (2)												
Year		Smo	king		Quit Smoking By First Prenatal		Smoking in Household						
	3 Mor Prior to Pr		Last 3 Months of Pregnancy		Visit and Stayed Off Cigarettes (3)		Pren	atal	Postpartum				
	Number	%	Number	%	Number	%	Number	%	Number	%			
2002	591,104	30.8	423,755	20.3	107,528	31.1	305,692	27.7	340,900	24.0			
2001	593,242	31.6	415,869	21.5	105,902	29.7	305,099	28.4	337,789	25.3			
2000	568,247	31.7	402,762	22.0	104,678	29.1	273,546	28.9	302,258	26.2			

(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.

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Summary	y of Trends in	Infant Health	Indicators
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	Summary of Trends in Infant Health Indicators ⁽²⁾												
Year	Birthweight			Preterm (5)		Full Term (6)	LBW	Ever Breastfed					
	Low High (3) (4)												
	Number	%	%	Number	%	Number	%	Number	%				
2002	572,813	8.0	7.5	559,297	11.2	478,431	4.0	583,994	55.7				
2001	573,565	7.9	7.8	494,011	10.7	415,167	4.0	562,606	54.4				
2000	548,914	7.8	8.2	478,899	10.7	408,269	3.9	531,711	52.2				

(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.

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Summary of Trends in Maternal Health Indicators by Race/Ethnicity

	Summa	ry of Tre	nds in	Maternal	Health I	ndicato	ors by Ra	ce/Ethnic	ity ⁽²⁾		
Race/Ethnicity and Year		Prep	oregnancy (3)	/ BMI		Weight Gain (4)			(Low	emia Hb/Hct) (5)	
			Under- weight	Over- weight		< Ideal	> Ideal	3rd Trii	mester	Postpa	artum
		Number	%	%	Number	%	%	Number	%	Number	%
White, Not Hispanic	2002 2001 2000	330,578 334,613 326,763	15.1 15.6 16.1	40.3 39.7 38.7	283,276 284,413 277,756	22.8 23.1 23.3	33.9 33.6 33.5	48,677 47,298 48,052	24.9 24.7 24.3	275,055 282,932 287,217	27.6 27.5 27.8
Black, Not Hispanic	2002 2001 2000	161,808 165,886 165,650	10.2 10.6 11.0	48.9 48.1 47.0	135,070 135,289 129,986	28.5 28.7 29.1	26.8 27.0 27.1	26,664 25,215 27,388	45.4 43.4 44.0	118,633 122,168 127,572	51.7 50.9 51.1

(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.

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Summary of Trends in Maternal Health Indicators by Race/Ethnicity

S	umma	ry of Tre	nds in	Materna	Health I	ndicato	ors by Ra	ce/Ethnic	ity ⁽²⁾		
Race/Ethnicity and Year		Prepregnancy BMI (3)				Weight Ga (4)	ain		(Low	emia Hb/Hct) (5)	
			Under- weight	Over- weight		< Ideal	> Ideal	3rd Trii	nester	Postp	partum
		Number	%	%	Number	%	%	Number	%	Number	%
Hispanic	2002 2001 2000	132,292 126,919 113,113	8.5 8.9 9.3	40.2 39.1 38.5	111,768 103,601 88,882	29.4 28.7 29.1	28.0 28.5 28.5	19,354 17,309 17,852	25.8 24.2 23.8	98,835 94,828 89,670	36.4 36.8 36.5
American Indian/Alaskan Native	2002 2001 2000	7,911 7,328 6,780	8.5 8.5 9.2	53.4 51.6 53.5	5,723 5,479 4,839	26.2 27.5 28.6	28.5 27.7 25.7	1,318 1,242 1,156	28.8 25.9 28.0	6,497 6,138 5,905	35.4 34.8 38.7

(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.

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Summary of Trends in Maternal Health Indicators by Race/Ethnicity

	Summa	ry of Tre	ends in	Maternal	Health	Indicato	ors by Ra	ce/Ethnic	ity ⁽²⁾		
Race/Ethnicity and Year		Prepregnancy BMI (3)				Weight Gain (4)			(Low	emia Hb/Hct) (5)	
			Under- weight	Over- weight		< Ideal	> Ideal	3rd Tri	mester	Postp	partum
		Number	%	%	Number	%	%	Number	%	Number	%
Asian/Pacific Islander	2002 2001 2000	18,419 18,300 17,653	21.3 21.3 22.5	27.1 27.3 26.3	15,938 15,441 14,653	27.8 29.0 30.7	28.9 28.3 26.5	2,838 3,003 3,104	25.3 24.0 23.6	13,514 13,048 14,211	35.7 34.0 33.0
All Other/Unknown	2002 2001 2000	7,412 7,722 6,130	13.0 12.5 14.1	37.3 38.4 34.3	6,291 6,208 4,936	26.5 28.9 25.3	29.8 27.7 30.2	1,220 1,325 1,036	28.5 28.2 25.9	6,197 5,217 4,931	33.7 34.7 38.8

(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.

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Summary of Trends in Maternal Health Indicators by Race/Ethnicity

	Summa	ry of Tre	ends in	Maternal	Health I	ndicato	ors by Ra	ce/Ethnic	ity ⁽²⁾			
Race/Ethnicity and Year		Prepregnancy BMI (3)				Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under- Over- weight weight			< Ideal > Ideal		3rd Trimester		Postpartum			
		Number	%	%	Number	%	%	Number	%	Number	%	
Total All Race/Ethnic Groups	2002 2001 2000	658,420 660,768 636,089	12.7 13.1 13.7	42.2 41.4 40.6	558,066 550,431 521,052	25.7 25.8 26.0	30.8 30.7 30.7	100,071 95,392 98,588	30.6 29.6 29.7	518,731 524,331 529,506	35.1 35.0 35.3	

(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.

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in M	laternal	Behavior	al Indi	cators by F	Race/Ethni	icity ⁽²⁾
Race/Ethnicity and Year		Me	edical Ca	are	WIC Enro	ollment
		1st Trin	nester	No Care	1st Trim	ester
		Number	%	%	Number	%
White, Not Hispanic	2002 2001 2000	233,233 299,443 293,866	80.0 79.5 79.6	9.4 8.3 8.2	334,853 321,420 322,104	33.2 32.4 32.1
Black, Not Hispanic	2002 2001 2000	110,179 147,288 141,379	73.5 72.7 72.8	7.6 5.7 5.9	165,394 152,721 160,072	22.0 21.6 22.2

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

(2) Excludes data with errors.

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in Ma	aternal	Behavior	al Indio	cators by F	y Race/Ethnicity			
Race/Ethnicity and Year		Me	edical Ca	ıre	WIC Enrollment			
		1st Trir	nester	No Care	1st Trim	nester		
		Number	%	%	Number	%		
Hispanic	2002 2001 2000	70,827 108,971 92,384	67.9 70.4 69.2	13.8 9.2 9.6	132,216 110,238 101,084	20.5 18.7 18.4		
American Indian/Alaskan Native	2002 2001 2000	4,252 6,040 5,207	76.3 74.9 74.7	5.8 4.1 3.5	8,301 7,749 7,261	32.0 29.9 29.1		

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

(2) Excludes data with errors.

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in M	aternal	Behavior	al India	cators by F	Race/Ethn	icity ⁽²⁾
Race/Ethnicity and Year		M	edical Ca	ıre	WIC Enr	ollment
		1st Trir	nester	No Care	1st Trin	nester
		Number	%	%	Number	%
Asian/Pacific Islander	2002 2001 2000	14,057 16,429 15,527	69.2 69.3 70.4	6.4 5.1 4.4	18,677 17,911 17,524	17.4 16.5 17.8
All Other/Unknown	2002 2001 2000	5,053 6,056 4,854	72.3 71.5 70.8	14.6 11.7 12.4	7,253 7,556 6,016	25.8 23.6 22.5

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

(2) Excludes data with errors.

Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity

Summary of Trends in M	laternal	Behavior	al Indio	cators by F	Race/Ethni	icity	(2)
Race/Ethnicity and Year		Me	edical Ca	ıre	WIC Enro	ollment	
		1st Trin	nester	No Care	1st Trim	lester	
		Number	%	%	Number	%	
Total All Race/Ethnic Groups	2002 2001 2000	437,601 584,227 553,217	75.9 75.7 75.7	9.6 7.7 7.7	666,694 617,595 614,061	27.4 26.7 26.7	

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

(2) Excludes data with errors.

	Sur	nmary of	Trends	s in Smok	ing Indi	cators by	Race/E	thnicity (2)		
Race/Ethnicity and Year			Smc	king		Quit Sn By First I	Prenatal		Smoking ir	n Household	
		3 Mor Prior to Pr		Last 3 M of Preg		Visit and Stayed Off Cigarettes (3)		Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
White, Not Hispanic	2002 2001 2000	304,300 309,340 298,682	47.3 48.0 47.8	232,827 234,066 232,242	30.1 31.2 31.2	85,806 84,905 84,680	28.6 27.3 27.1	167,068 166,389 147,659	39.1 40.0 41.2	186,646 188,356 168,950	34.8 36.2 37.4
Black, Not Hispanic	2002 2001 2000	137,123 139,875 139,192	17.9 18.5 18.6	92,458 91,355 89,395	12.4 13.1 13.3	14,289 14,075 13,930	37.0 35.1 33.9	58,705 61,159 58,003	17.8 18.0 18.9	63,772 64,682 60,260	13.8 14.2 15.1

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

(2) Excludes data with errors.

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

	Sur	nmary of	Trends	s in Smol	king Indi	cators by	Race/E	thnicity	(2)		
Race/Ethnicity and Year			Smo	king		Quit Sr By First I	Prenatal		Smoking ir	n Household	
		3 Mor Prior to Pr		Last 3 of Preg		Visit and S Cigaret		Prer	natal	Postp	artum
		Number	%	Number	%	Number	%	Number	%	Number	%
Hispanic	2002 2001 2000	118,957 114,020 102,408	6.0 6.5 6.8	71,267 64,575 57,576	2.6 2.8 3.3	3,448 3,208 3,021	54.1 55.5 51.8	59,219 57,556 50,596	7.4 8.0 8.3	65,539 61,370 53,317	6.0 6.4 7.0
American Indian/Alaskan Native	2002 2001 2000	7,110 6,794 6,073	37.8 39.7 36.9	6,362 5,955 5,343	18.4 20.0 20.6	1,696 1,681 1,412	36.8 35.2 33.9	4,892 4,172 3,394	28.7 31.0 28.6	4,966 4,468 3,514	24.5 26.9 24.8

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

(2) Excludes data with errors.

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

	Sur	nmary of	f Trends	s in Smok	ing Indi	cators by	Race/E	thnicity	(2)		
Race/Ethnicity and Year			Smo	king		Quit Sr By First I	Prenatal		Smoking ir	n Household	
		3 Mo Prior to Pr		Last 3 M of Preg		Visit and S Cigaret		Prer	natal	Postp	artum
		Number	%	Number	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2002 2001 2000	15,445 15,385 15,464	12.8 13.1 10.5	14,760 14,348 13,815	4.9 5.4 5.1	1,480 1,410 1,172	56.0 56.6 50.3	10,126 9,983 9,521	21.8 20.5 15.7	13,123 12,461 11,380	13.9 17.7 14.9
All Other/Unknown	2002 2001 2000	8,169 7,828 6,428	19.0 15.7 14.5	6,081 5,570 4,391	11.7 8.8 8.8	809 623 463	34.0 37.7 34.6	5,682 5,840 4,373	17.2 15.8 15.1	6,854 6,452 4,837	16.5 12.6 12.3

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

(2) Excludes data with errors.

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

Race/Ethnicity and Year			Smo	king		Quit Sm By First F			Smoking ir	n Household	
		3 Mor Prior to Pr		Last 3 N of Preg				Prenatal		Postpartum	
		Number	%								
Total All Race/Ethnic Groups	2002 2001 2000	591,104 593,242 568,247	30.8 31.6 31.7	423,755 415,869 402,762	20.3 21.5 22.0	107,528 105,902 104,678	31.1 29.7 29.1	305,692 305,099 273,546	27.7 28.4 28.9	340,900 337,789 302,258	24.0 25.3 26.2

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

(2) Excludes data with errors.

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

Nation

Summary of Trends in Infant Health Indicators by Race/Ethnicity

	Summary	of Trenc	ds in Infa	ant Heal	th Indica	tors by	Race/Ethi	nicity	(2)	
Race/Ethnicity and Year		E	Birthweight		Prete		Full Term	LBW	Ever Breastfed	
			Low (3)	High (4)	(5)		(6)			
		Number	%	%	Number	%	Number	%	Number	%
White, Not Hispanic	2002 2001 2000	290,438 293,946 292,838	7.3 7.2 7.0	8.6 9.0 9.5	284,427 261,878 262,260	10.2 9.9 9.8	245,992 225,464 229,816	3.5 3.5 3.4	294,143 286,969 282,861	53.9 52.8 51.4
Black, Not Hispanic	2002 2001 2000	138,507 141,479 135,558	11.4 10.9 11.0	4.6 5.0 5.3	138,779 117,170 116,924	13.9 13.3 13.4	111,650 94,034 94,213	5.8 5.8 5.7	144,576 143,358 135,940	42.6 41.9 39.9

(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 23D 2002 Pregnancy Nutrition Surveillance (1) Nation

Summary of Trends in Infant Health Indicators by Race/Ethnicity

ç	Summary	of Trenc	ls in Infa	ant Heal	th Indica	tors by	Race/Eth	nicity	(2)	
Race/Ethnicity and Year		E	Birthweight		Prete (5)	Preterm		n LBW	Ever Breastfe	
			Low (3)	High (4)	(3)		(6)			
		Number	%	%	Number	%	Number	%	Number	9
Hispanic	2002	114,489	5.7	8.1	113,516	10.5	95,642	2.6	118,080	74.

		Number	70	70	Number	70	Number	70	Number	70
Hispanic	2002	114,489	5.7	8.1	113,516	10.5	95,642	2.6	118,080	74.7
	2001	109,434	5.8	8.4	86,984	10.3	71,709	2.7	105,999	73.4
	2000	93,700	5.9	8.6	74,284	10.3	61,750	2.7	89,136	71.4
American Indian/Alaskan Na	tive2002	6,181	6.7	11.0	6,862	11.2	5,268	3.0	6,082	56.0
	2001	5,793	6.4	11.8	6,432	11.4	4,881	2.5	6,027	57.3
	2000	6,159	6.2	11.8	5,971	10.9	5,235	2.8	5,796	59.0

(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.

Summary of Trends in Infant Health Indicators by Race/Ethnicity

	Summary	of Trenc	ls in Infa	ant Hea	th Indica	tors by	Race/Eth	nicity	(2)	
Race/Ethnicity and Year		E	Birthweight		Prete		Full Term LBW		Ever Breastfed	
			Low (3)	High (4)	(5)	(6)			
		Number	%	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2002 2001 2000	16,712 16,400 15,735	8.1 8.0 7.7	5.8 6.0 6.0	9,904 15,348 14,739	10.2 6.3 6.5	15,033 13,861 13,363	6.4 6.1 5.7	14,512 14,021 13,335	65.3 62.5 57.0
All Other/Unknown	2002 2001 2000	6,486 6,513 4,924	7.6 7.1 7.2	8.3 7.7 8.1	5,809 6,199 4,721	10.9 11.0 11.6	4,846 5,218 3,892	3.0 3.3 3.5	6,601 6,232 4,643	63.9 67.0 67.1

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

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

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

Summary of Trends in Infant Health Indicators by Race/Ethnicity

Summary of Trends in Infant Health Indicators by Race/Ethnicity (2)										
Race/Ethnicity and Year		Birthweight			Preterm		Full Term LBW		Ever Breastfed	
			Low (3)	High (4)	(5)		(6)			
		Number	%	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2002 2001 2000	572,813 573,565 548,914	8.0 7.9 7.8	7.5 7.8 8.2	559,297 494,011 478,899	11.2 10.7 10.7	478,431 415,167 408,269	4.0 4.0 3.9	583,994 562,606 531,711	55.7 54.4 52.2

(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.