Summary of Demographic Indicators (2)

Total Records	Number	%	
Complete Records Prenatal Records Postpartum Records	466,253 92,696 174,634	63.6 12.6 23.8	
Total Records Accepted	733,583		

Source of Data	Number	%		
WIC	726,606	99.0		
Maternal Health	0	0.0		
Other	6,977	1.0		
Total	733,583	100.0		
Excluded Unknown: 0 0.0				

Race/Ethnic Distribution	Number %			
White, Not Hispanic Black, Not Hispanic Hispanic American Indian/Alaskan Native Asian/Pacific Islander All Other	369,664 50.5 186,987 25.6 140,490 19.2 8,118 1.1 19,806 2.7 6,262 0.9			
Total	731,327 100.0			
Excluded Unknown: 2,256 0.3				

Age Distribution	Number %
< 15 Years 15 - 17 Years 18 - 19 Years 20 - 29 Years 30 - 39 Years >= 40 Years	3,793 0.5 56,645 7.7 106,636 14.6 434,343 59.3 122,829 16.8 8,244 1.1
Total	732,490 100.0
Excluded Unknown: 1,093 0.1	

Education Distribution	Number %
< High School High School > High School  Total	264,564 37.0 307,681 43.0 142,710 20.0 <b>714,955 100.0</b>
Excluded Unknown: 18,628 2.5	

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% Poverty Level	Number %		
0 - 50 51 - 100 101 - 130 131 - 150 151 - 185 186 - 200 > 200 Adjunctive Eligibility	246,934 37.7 187,765 28.7 94,537 14.5 48,822 7.5 54,868 8.4 8,313 1.3 12,940 2.0 0 0.0		
Total	654,179 100.0		
Excluded Unknown: 79,404 10.8			

Program Participation (3)	Number	%
WIC	546,262	81.2
Food Stamps Medicaid	481,254 481,698	19.5 56.9
TANF	481,702	9.0
Excluded Unknown:		
WIC:	12,687	2.3
Food Stamps:	77,695	13.9
Medicaid:	77,251	13.8
TANF:	77,247	13.8

Migrant Status	Number %
Yes No	6,711 0.9 712,683 99.1
Total	719,394 100.0
Excluded Unknown: 14,189	1.9

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Prenatal program participation.



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

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# Table 2D 2001 Pregnancy Nutrition Surveillance Nation Summary of Health Indicators

Summary of Health Indicators (2)		
	National Prevalence	
	Number %	
Prepregnancy BMI (3) Underweight Normal Weight Overweight	660,768 13. 660,768 45. 660,768 14. 660,768 27.	
Obese  Maternal Weight Gain (4)  Less Than Ideal Ideal  Greater Than Ideal	550,431 25.8 550,431 43.9 550,431 30.7	
Anemia (Low Hb/Hct) (5)  1st Trimester  2nd Trimester  3rd Trimester  Postpartum	168,577 6.3 170,255 10.0 95,392 29.6 524,331 35.0	
Parity (6) 0 1 2 ≥ 3	634,241 46.6 634,241 27.3 634,241 15.2 634,241 11.0	
Interpregnancy Interval < 6 Months 6 - <18 Months ≥18 Months	345,518 13.2 345,518 27.9 345,518 58.8	



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

<sup>(3)</sup> 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).

<sup>(4)</sup> 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).

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

<sup>(6)</sup> Number of times a woman has given birth to an infant 20 or more weeks gestation.

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

**Summary of Health Indicators** 

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Summary of Health Indicate	ors (2)		
	National Prevalence		
	Number	%	
Medical Care			
1 <sup>st</sup> Trimester No Care	,	75. 7.	
WIC Enrollment 1st Trimester	617,595 2	26.	
2 <sup>nd</sup> Trimester		28.	
3rd Trimester		23.	
Postpartum (3)	617,595 2	21.	
Smoking			
3 Months Prior to Pregnancy		31.	
During Pregnancy	,	20. 21.	
Last 3 Months of Pregnancy Postpartum	,	21. 22.	
Smoking Changes (4)	100,070		
Quit Smoking by First Prenatal Visit	161,234 3	38.	
Quit Smoking by First Prenatal Visit		29.	
and Stayed Off Cigarettes	·		
Smoking in Household			
During Pregnancy Postpartum	· · · · · · · · · · · · · · · · · · ·	28. 25.	
·	337,769 2	٠.	
Drinking 3 Months Prior to Pregnancy	538,155	7.	
Last 3 Months of Pregnancy		0.	

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes records with unknown data or errors.

<sup>(3)</sup> Women who initially enrolled in WIC during the postpartum period.

<sup>(4)</sup> Among women who smoked 3 months prior to pregnancy.

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

# Table 2D 2001 Pregnancy Nutrition Surveillance (1) Nation Summary of Health Indicators

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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	573,565 6 573,565 84 573,565 7 494,011 10 415,167 4	8.	
Breastfeeding Ever Breastfed	562,606 54	.4	



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

<sup>(4) &</sup>lt;37 weeks gestation.

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

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## **Comparison of Racial and Ethnic Distribution by Contributor**

Comparison of Racial and Ethnic Distribution (2)							
Contributor	Number Included in	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaskan Native	Asian/Pacific Islander	All Other/Unknown
	Analysis	%	%	%	%	%	%
Florida	116,286	36.8	31.6	30.1	0.2	1.3	0.0
Georgia	64,958	37.2	44.7	16.1	0.1	1.5	0.4
Hawaii	10,296	20.5	4.0	4.9	0.3	70.3	0.0
Idaho	9,558	72.4	0.6	22.2	2.5	1.2	1.1
Illinois	80,344	32.6	28.2	35.1	0.1	2.2	1.9
Indiana	35,284	67.3	18.3	11.9	0.1	0.9	1.5
lowa	16,956	79.7	6.8	11.0	0.6	1.9	0.0
Kansas	15,407	60.5	12.2	23.9	1.3	2.1	0.0
Michigan	61,158	59.0	29.3	10.1	0.5	1.1	0.0
Minnesota	17,535	60.9	13.7	13.9	3.3	7.4	0.8
Missouri	43,640	68.0	22.7	4.1	0.2	0.9	4.1
Montana	4,346	74.7	0.6	3.2	20.6	0.8	0.0
Nebraska	11,028	62.9	9.7	23.2	1.5	1.9	0.8
New Hampshire	4,871	97.0	1.0	1.5	0.0	0.5	0.0
New Jersey	39,246	18.1	29.9	44.8	0.1	3.2	3.9
North Carolina	55,196	44.1	36.3	15.8	2.2	1.5	0.0
North Dakota	2,138	74.4	3.3	3.9	17.2	1.3	0.0
Ohio	68,639	67.2	26.5	4.3	0.1	0.7	1.3
Utah	24,198	64.8	1.0	28.4	1.8	2.8	1.2
Vermont	3,258	90.4	0.7	0.1	0.6	0.9	7.4

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

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

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## **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	14,016	94.0	4.8	0.4	0.1	0.3	0.4
Wisconsin	30,725	58.6	20.0	15.3	2.2	4.0	0.0
AZ I/Tribal Council	3,445	3.1	0.5	11.4	54.3	0.2	30.4
Cheyenne River-SD	141	4.3	0.0	0.0	95.0	0.0	0.7
Chickasaw Nation-OK	914	53.9	3.8	5.7	36.1	0.4	0.0
Nation	733,583	50.4	25.5	19.2	1.1	2.7	1.2

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

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

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**Comparison of Age Distribution by Contributor** 

		С	omparison of	Age Distribu	ition (2)			
Contributor	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown
Florida	116,286	0.6	7.5	13.1	56.9	20.3	1.6	0.0
Georgia	64,958	0.6	8.1	14.9	60.1	15.3	1.0	0.0
Hawaii	10,296	0.3	5.3	11.2	58.9	22.6	1.7	0.0
Idaho	9,558	0.4	7.3	15.7	62.7	13.1	0.8	0.0
Illinois	80,344	0.5	8.6	14.3	57.4	18.0	1.1	0.0
Indiana	35,284	0.5	8.2	16.8	61.0	12.7	0.7	0.0
lowa	16,956	0.3	7.0	15.5	61.4	14.9	0.8	0.0
Kansas	15,407	0.4	7.4	15.5	61.2	14.6	0.8	0.0
Michigan	61,158	0.5	7.8	14.4	59.5	16.7	1.1	0.0
Minnesota	17,535	0.4	6.7	13.5	58.5	19.5	1.4	0.0
Missouri	43,640	0.4	8.6	16.2	59.8	14.1	0.9	0.0
Montana	4,346	0.3	7.2	14.0	60.7	16.5	1.3	0.0
Nebraska	11,028	0.3	7.3	13.8	61.3	16.3	1.0	0.0
New Hampshire	4,871	0.2	6.4	13.9	60.3	18.0	1.2	0.0
New Jersey	39,246	0.5	6.7	11.4	56.8	23.1	1.6	0.0
North Carolina	55,196	0.7	8.8	15.0	59.9	14.8	0.7	0.0
North Dakota	2,138	0.3	6.0	15.1	62.5	14.7	1.0	0.4
Ohio	68,639	0.6	7.4	16.7	60.1	14.1	0.9	0.0
Utah	24,198	0.3	5.8	12.1	65.4	15.3	1.0	0.0
Vermont	3,258	0.2	6.3	13.5	59.7	19.1	1.2	0.0
West Virginia	14,016	0.4	7.1	15.4	63.2	13.2	0.8	0.0

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

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

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## **Comparison of Age Distribution by Contributor**

		С	omparison of	Age Distribu	ition (2)			
Contributor	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Wisconsin	30,725	0.5	8.0	16.2	58.7	15.6	1.1	0.0
AZ I/Tribal Council	3,445	0.6	6.9	10.3	38.2	12.7	0.8	30.4
Cheyenne River-SD	141	0.0	14.9	15.6	57.4	11.3	0.7	0.0
Chickasaw Nation-OK	914	0.1	7.7	15.5	63.2	13.2	0.1	0.1
Nation	733,583	0.5	7.7	14.5	59.2	16.7	1.1	0.1

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

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

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#### **Comparison of Maternal Health Indicators by Contributor**

		Com	parison o	of Mater	nal Healt	h Indicat	ors <sup>(2,</sup>	3)		
Contributor	Pre	epregnancy (4)	ВМІ		Weight Gain (5)	1	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	112,515	13.5 (15)	39.0 (3)	78,722	25.7 (15)	32.6 (18)	8,289	31.9 (19)	62,765	37.9 (18)
Georgia	48,736	12.2 (8)	43.8 (20)	48,614	27.4 (20)	30.2 (9)	2,489	38.1 (24)	51,001	41.1 (21)
Hawaii	10,041	17.1 (25)	36.2 (1)	8,358	21.1 (5)	34.7 (22)	1,483	23.6 (7)	5,597	39.7 (19)
Idaho	7,909	12.1 (7)	41.0 (10)	6,381	20.4 (4)	31.5 (16)	1,503	17.9 (3)	6,793	17.9 (2)
Illinois	78,791	11.3 (4)	42.2 (14)	69,747	27.0 (19)	31.9 (17)	13,556	27.8 (12)	50,203	35.9 (17)
Indiana	28,310	14.8 (23)	42.3 (15)	22,002	19.7 (2)	34.7 (22)	4,989	35.1 (21)	23,670	30.1 (13)
lowa	15,851	13.5 (15)	43.2 (18)	13,495	21.7 (8)	31.4 (15)	2,479	25.3 (9)	14,171	28.2 (10)
Kansas	14,764	12.0 (6)	43.1 (16)	14,508	21.8 (9)	30.3 (11)	2,681	26.8 (11)	13,882	28.5 (11)
Michigan	55,831	12.6 (10)	43.1 (16)	45,605	33.3 (22)	27.5 (5)	10,639	29.6 (14)	44,214	43.2 (22)
Minnesota	15,907	11.5 (5)	40.9 (9)	13,649	25.6 (14)	29.4 (8)	1,284	28.8 (13)	14,571	29.2 (12)
Missouri	43,165	14.2 (20)	42.0 (12)	38,225	21.3 (6)	30.7 (13)	5,593	35.6 (22)	31,456	34.4 (16)
Montana	3,359	13.5 (15)	39.7 (5)	3,237	21.8 (9)	35.9 (24)	626	17.6 (2)	4,117	18.6 (3)
Nebraska	10,805	12.2 (8)	40.6 (8)	9,889	29.8 (21)	27.3 (4)	1,611	26.6 (10)	9,434	27.2 (8)

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



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### **Comparison of Maternal Health Indicators by Contributor**

		Com	parison o	of Mater	nal Healt	h Indicat	ors <sup>(2,</sup>	3)		
Contributor	Pro	epregnancy (4)	ВМІ	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	3,539	14.6 (21)	39.8 (6)	2,891	71.6 (24)	7.5 (1)	788	30.6 (16)	3,952	27.4 (9)
New Jersey	32,209	11.2 (2)	39.3 (4)	23,397	22.2 (11)	28.5 (6)	5,937	30.3 (15)	29,552	54.1 (25)
North Carolina	40,308	13.5 (15)	43.6 (19)	30,759	26.0 (16)	27.0 (3)	7,453	30.7 (17)	40,916	40.5 (20)
North Dakota	2,026	11.2 (2)	42.1 (13)	1,470	14.5 (1)	33.5 (19)	275	21.1 (4)	1,335	31.5 (14)
Ohio	67,840	14.6 (21)	41.9 (11)	59,534	24.6 (13)	33.7 (21)	12,027	33.1 (20)	57,533	32.6 (15)
Utah	24,015	13.8 (19)	36.2 (1)	21,743	26.7 (18)	30.5 (12)	3,601	11.9 (1)	22,150	11.8 (1)
Vermont	2,687	12.6 (10)	44.4 (22)	2,550	24.3 (12)	30.2 (9)	420	24.3 (8)	2,792	21.7 (5)
West Virginia	11,515	16.4 (24)	43.8 (20)	10,054	20.2 (3)	31.1 (14)	1,987	22.5 (6)	12,746	20.8 (4)
Wisconsin	26,426	12.8 (12)	40.5 (7)	22,947	26.2 (17)	28.6 (7)	4,951	31.3 (18)	18,825	26.8 (7)
AZ I/Tribal Council	3,231	4.8 (1)	58.3 (25)	1,871	39.6 (23)	15.3 (2)	597	21.6 (5)	1,824	25.1 (6)
Cheyenne River-SD	121	13.2 (14)	46.3 (24)	87	* *	* *	25	* *	103	50.5 (24)
Chickasaw Nation-OK	867	13.1 (13)	44.5 (23)	696	21.4 (7)	33.6 (20)	109	37.6 (23)	729	45.0 (23)
Nation	660,768	13.1	41.4	550,431	25.8	30.7	95,392	29.6	524,331	35.0

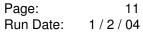
- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one contributor's rate to other contributors. Rank 1 = best rate.
- (4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; 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.
- Percentages are not calculated if <100 records are available for analysis after exclusions.</li>



**Comparison of Maternal Behavioral Indicators by Contributor** 

Compa	arison of M	aternal Be	havioral I	ndicator	<b>s</b> (2, 3)	
Contributor		Medical Care	)	WIC Enrollment		
		1st Trimester	No Care	1st T	rimester	
	Number	% (Rank)	% (Rank)	Number	% (Rank)	
Florida	83,320	78.8 (12)	0.0 (1)	53,354	17.4 (24)	
Georgia	52,030	82.1 (9)	1.9 (12)	55,391	32.0 (12)	
Hawaii	9,045	70.5 (20)	1.0 (10)	10,038	18.7 (23)	
Idaho	8,001	64.5 (22)	27.0 (23)	8,093	39.2 (3)	
Illinois	73,796	64.9 (21)	22.8 (22)	73,873	4.4 (25)	
Indiana	13,841	62.9 (23)	0.0 (1)	23,148	34.7 (8)	
lowa	14,901	80.3 (10)	11.6 (20)	16,386	32.7 (10)	
Kansas	14,616	77.4 (14)	5.1 (15)	15,156	22.5 (21)	
Michigan	52,810	72.6 (17)	10.8 (19)	58,505	30.1 (16)	
Minnesota	12,631	85.9 (4)	0.0 (1)	17,199	19.7 (22)	
Missouri	39,697	71.8 (19)	15.8 (21)	42,975	39.2 (3)	
Montana	4,223	80.2 (11)	7.2 (17)	4,264	32.2 (11)	
Nebraska	9,970	87.3 (2)	1.7 (11)	10,859	25.7 (19)	
New Hampshire	4,236	0.2 (24)	99.7 (24)	3,709	37.9 (5)	
New Jersey	16,611	72.2 (18)	0.0 (1)	29,421	25.5 (20)	
North Carolina	48,711	77.5 (13)	0.9 (9)	54,552	29.3 (17)	

<sup>(1)</sup> Reporting period is January 1 through December 31.





<sup>(2)</sup> Excludes records with unknown data or errors.

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

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

## **Comparison of Maternal Behavioral Indicators by Contributor**

Comparis	on of M	aternal Be	havioral I	ndicators	s (2, 3)
Contributor		Medical Care	WIC Enrollment		
		1st Trimester	No Care	1st Tri	imester
	Number	% (Rank)	% (Rank)	Number	% (Rank)
North Dakota	1,869	84.4 (7)	2.2 (13)	1,852	39.4 (2)
Ohio	60,200	82.3 (8)	3.1 (14)	66,261	30.3 (15)
Utah	20,765	87.8 (1)	0.0 (1)	23,895	31.2 (14)
Vermont	2,833	85.5 (5)	0.2 (8)	3,115	37.2 (7)
West Virginia	10,539	86.1 (3)	5.4 (16)	11,926	49.0 (1)
Wisconsin	27,312	74.4 (15)	10.6 (18)	29,205	32.0 (12)
AZ I/Tribal Council	1,715	73.4 (16)	0.0 (1)	3,403	26.0 (18)
Cheyenne River-SD	0	* *	* *	121	34.7 (8)
Chickasaw Nation-OK	555	84.7 (6)	0.0 (1)	894	37.6 (6)
Nation	584,227	75.7	7.7	617,595	26.7



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<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

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

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## **Comparison of Smoking Indicators by Contributor**

		Co	mpariso	n of Smo	king Ind	icators	(2, 3)				
Contributor		Smo	king		Quit Smoking By First Prenatal		Smoking in Household				
		onths Pregnancy		Last 3 Months of Pregnancy		Stayed Off rettes (4)	Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number % (Rank)		Number	% (Rank)	Number	% (Rank)	
Florida	87,260	17.5 (3)	8,963	26.1 (15)	2,581	23.2 (17)	0	* *	0	* *	
Georgia	0	* *	0	* *	0	* *	0	* *	0	* *	
Hawaii	7,187	23.0 (6)	9,208	7.5 (2)	1,391	58.6 (2)	7,187	26.3 (6)	9,208	20.9 (6)	
Idaho	766	100.0 (23)	0	* *	0	* *	7,326	31.9 (8)	6,955	26.6 (8)	
Illinois	80,230	21.4 (5)	71,086	14.4 (6)	12,275	25.7 (16)	62,328	21.0 (4)	64,766	16.4 (4)	
Indiana	35,282	37.8 (10)	5,892	27.9 (18)	0	* *	29,389	21.5 (5)	28,864	20.7 (5)	
Iowa	16,459	46.1 (18)	15,021	29.8 (19)	5,359	27.4 (13)	13,089	44.4 (15)	15,016	36.4 (14)	
Kansas	15,112	38.1 (11)	14,941	22.1 (11)	3,986	33.9 (7)	0	* *	0	* *	
Michigan	49,962	43.4 (16)	42,254	25.6 (14)	12,480	30.5 (9)	0	* *	0	* *	
Minnesota	17,535	35.9 (9)	15,154	16.0 (7)	2,563	37.1 (5)	0	* *	0	* *	
Missouri	43,505	39.9 (14)	40,013	25.4 (12)	12,428	26.5 (15)	34,059	40.4 (13)	39,793	31.2 (10)	
Montana	4,334	39.2 (12)	4,232	8.9 (3)	1,296	41.3 (4)	3,324	28.4 (7)	4,195	23.7 (7)	
Nebraska	10,925	35.4 (8)	2,191	19.8 (8)	27	* *	930	34.1 (9)	10,029	33.4 (12)	
New Hampshire	3,179	49.2 (20)	3,075	34.7 (22)	1,024	19.7 (18)	0	* *	0	* *	
New Jersey	39,246	12.4 (1)	6,360	9.1 (5)	0	* *	32,878	4.5 (1)	30,325	4.8 (1)	
North Carolina	44,748	28.5 (7)	48,794	20.0 (9)	10,866	27.1 (14)	0	* *	0	* *	

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes records with unknown data or errors.

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

<sup>(4)</sup> Among women who smoked 3 months prior to pregnancy.

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

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## **Comparison of Smoking Indicators by Contributor**

		Col	mpariso	n of Smo	king Indi	cators	(2, 3)			
Contributor		Smo	king		Quit Smoking By First Prenatal			Smoking in	Household	
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy		Visit and Stayed Off Cigarettes (4)		Prenatal		Postp	artum
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
North Dakota	1,918	50.2 (21)	1,693	26.9 (16)	624	35.9 (6)	1,633	35.2 (10)	1,664	30.9 (9)
Ohio	68,374	45.8 (17)	61,323	27.4 (17)	22,672	30.5 (9)	56,370	37.5 (11)	61,415	32.2 (11)
Utah	24,155	19.2 (4)	22,294	8.9 (3)	2,927	43.5 (3)	18,014	16.1 (2)	22,179	12.8 (2)
Vermont	2,662	48.0 (19)	2,942	33.5 (20)	1,112	19.5 (19)	0	* *	0	* *
West Virginia	13,433	52.5 (22)	10,907	33.8 (21)	4,516	28.3 (12)	11,654	39.0 (12)	12,898	46.5 (16)
Wisconsin	23,685	42.8 (15)	26,339	25.5 (13)	7,383	30.6 (8)	23,645	45.1 (16)	27,207	43.1 (15)
AZ I/Tribal Council	2,529	12.7 (2)	2,447	3.1 (1)	192	73.4 (1)	2,605	17.7 (3)	2,533	12.9 (3)
Cheyenne River-SD	89	* *	8	* *	3	* *	0	* *	0	* *
Chickasaw Nation-OK	667	39.3 (13)	732	21.9 (10)	197	30.5 (9)	668	42.4 (14)	742	35.7 (13)
Nation	593,242	31.6	415,869	21.5	105,902	29.7	305,099	28.4	337,789	25.3



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

<sup>(4)</sup> Among women who smoked 3 months prior to pregnancy.

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

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### **Comparison of Infant Health Indicators by Contributor**

	ı	Compari	ison of l	nfant He	alth Indic	ators	(2, 3)			
Contributor		Birthweight		Pre	Preterm (6)		rm LBW 7)	Ever Breastfed		
		Low (4)	High (5)							
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	
Florida	94,910	8.2 (19)	7.6 (6)	18,814	13.4 (21)	16,253	3.2 (14)	95,090	64.7 (6)	
Georgia	41,720	7.9 (17)	6.9 (2)	40,953	13.4 (21)	30,076	3.5 (16)	50,294	47.5 (21)	
Hawaii	8,978	8.3 (21)	7.4 (5)	8,979	0.0 (1)	8,978	8.3 (23)	6,264	76.2 (2)	
Idaho	7,956	6.3 (3)	7.7 (9)	6,412	9.8 (4)	5,775	2.4 (2)	0	* *	
Illinois	56,154	7.7 (15)	7.8 (11)	67,200	11.3 (13)	48,451	3.5 (16)	46,457	51.4 (17)	
Indiana	19,612	7.5 (13)	7.6 (6)	13,157	13.3 (20)	11,381	2.7 (6)	19,607	50.9 (18)	
lowa	14,599	6.9 (8)	9.5 (18)	14,081	12.3 (18)	12,326	3.1 (12)	14,572	55.7 (13)	
Kansas	14,924	7.2 (11)	8.0 (12)	14,742	10.8 (9)	13,052	3.0 (10)	14,476	64.7 (6)	
Michigan	47,250	7.5 (13)	9.0 (15)	49,741	0.1 (2)	47,057	7.5 (22)	46,285	49.3 (19)	
Minnesota	14,702	6.4 (4)	10.4 (21)	14,595	10.4 (7)	13,047	2.4 (2)	14,630	66.1 (5)	
Missouri	38,914	8.1 (18)	7.7 (9)	38,759	13.0 (19)	33,571	3.6 (19)	38,967	48.6 (20)	
Montana	0	* *	* *	4,064	11.3 (13)	0	* *	4,128	73.5 (3)	
Nebraska	9,781	6.9 (8)	8.1 (13)	9,658	10.9 (11)	8,588	3.1 (12)	8,930	58.4 (10)	
New Hampshire	4,327	8.2 (19)	10.5 (22)	3,257	10.8 (9)	2,874	2.9 (8)	4,419	54.0 (14)	

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes records with unknown data or errors.

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

<sup>(4) &</sup>lt;2500 g.

<sup>(5) &</sup>gt; 4000 g.

<sup>(6) &</sup>lt;37 weeks gestation.

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

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

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### **Comparison of Infant Health Indicators by Contributor**

		Compari	son of l	nfant He	alth Indic	ators	(2, 3)		
Contributor		Birthweight		Pre	term (6)	Full Ter		Ever Breastfed	
		Low (4)	High (5)			,			
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
New Jersey	25,011	6.9 (8)	7.6 (6)	18,554	14.4 (23)	15,751	2.5 (4)	24,870	59.5 (9)
North Carolina	48,911	9.1 (24)	7.3 (4)	48,175	14.6 (24)	41,128	3.8 (20)	47,829	53.3 (15)
North Dakota	1,643	6.1 (2)	9.6 (19)	1,433	10.0 (5)	1,247	2.5 (4)	1,701	52.5 (16)
Ohio	59,398	8.6 (23)	7.0 (3)	58,114	10.7 (8)	51,140	4.2 (21)	59,801	36.2 (23)
Utah	20,276	7.7 (15)	6.1 (1)	21,602	11.4 (15)	17,882	3.0 (10)	20,267	78.6 (1)
Vermont	3,050	6.6 (5)	11.3 (24)	2,968	8.7 (3)	2,710	3.3 (15)	2,867	63.7 (8)
West Virginia	12,509	8.5 (22)	8.2 (14)	10,224	12.1 (16)	8,985	3.5 (16)	12,415	39.7 (22)
Wisconsin	25,214	7.3 (12)	9.2 (16)	24,811	11.0 (12)	21,574	2.9 (8)	25,432	57.1 (12)
AZ I/Tribal Council	2,857	6.8 (7)	9.4 (17)	2,863	10.2 (6)	2,563	2.8 (7)	2,518	67.7 (4)
Cheyenne River-SD	101	4.0 (1)	10.9 (23)	85	* *	84	* *	40	* *
Chickasaw Nation-OK	768	6.6 (5)	9.9 (20)	770	12.1 (16)	674	1.9 (1)	747	58.0 (11)
Nation	573,565	7.9	7.8	494,011	10.7	415,167	4.0	562,606	54.4



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

<sup>(4) &</sup>lt;2500 g.

<sup>(5) &</sup>gt;4000 g.

<sup>(6) &</sup>lt;37 weeks gestation.

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

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

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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	Education	on <sup>(2)</sup>		
	Pre	epregnancy (3)	ВМІ	Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under- weight	Over- weight	< Ideal > Ideal		3rd Trir	nester	Postpartum		
	Number	%	%	Number	%	%	Number	%	Number	%
Race/Ethnicity										
White, Not Hispanic	334,613	15.6	39.7	284,413	23.1	33.6	47,298	24.7	282,932	27.5
Black, Not Hispanic	165,886	10.6	48.1	135,289	28.7	27.0	25,215	43.4	122,168	50.9
Hispanic	126,919	8.9	39.1	103,601	28.7	28.5	17,309	24.2	94,828	36.8
American Indian/Alaskan Native	7,328	8.5	51.6	5,479	27.5	27.7	1,242	25.9	6,138	34.8
Asian/Pacific Islander	18,300	21.3	27.3	15,441	29.0	28.3	3,003	24.0	13,048	34.0
All Other/Unknown	7,722	12.5	38.4	6,208	28.9	27.7	1,325	28.2	5,217	34.7
Total	660,768	13.1	41.4	550,431	25.8	30.7	95,392	29.6	524,331	35.0
Age										
< 15 Years	3,474	22.8	19.3	2,766	24.8	39.6	512	37.1	2,517	39.9
15 - 17 Years	51,710	22.1	22.4	42,519	24.0	39.0	7,041	34.4	39,621	40.3
18 - 19 Years	96,970	19.1	30.0	80,030	22.8	37.6	13,826	31.2	75,390	38.0
20 - 29 Years	389,815	12.1	43.7	325,855	25.7	29.8	57,882	29.0	312,985	34.3
30 - 39 Years	110,413	7.4	52.2	92,666	28.8	24.8	14,981	27.7	88,131	32.4
>= 40 Years	7,361	6.6	53.3	5,973	33.4	21.6	952	28.8	5,687	33.6
Unknown	1,025	5.0	58.1	622	40.0	16.7	198	26.8	0	*
Total	660,768	13.1	41.4	550,431	25.8	30.7	95,392	29.6	524,331	35.0
Education										
< High School	237,371	15.2	37.3	195,763	27.8	30.8	34,006	32.2	186,751	37.9
High School	280,055	12.5	43.5	235,172	24.8	30.9	40,397	29.3	221,330	34.9
> High School	128,287	10.4	44.8	109,133	23.7	30.5	18,885	25.4	105,098	30.1
Unknown	15,055	13.4	40.1	10,363	32.3	27.6	2,104	30.3	11,152	33.2
Total	660,768	13.1	41.4	550,431	25.8	30.7	95,392	29.6	524,331	35.0

<sup>(1)</sup> Reporting period is January 1 through December 31.



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

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

<sup>(4)</sup> 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).

<sup>(5)</sup> 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.

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#### Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education Medical Care WIC Enrollment 1st Trimester No Care 1st Trimester Number % % Number % Race/Ethnicity White, Not Hispanic 299,443 79.5 8.3 321,420 32.4 Black, Not Hispanic 147,288 72.7 5.7 152,721 21.6 Hispanic 108,971 70.4 9.2 110,238 18.7 American Indian/Alaskan Native 6,040 74.9 4.1 7,749 29.9 Asian/Pacific Islander 16,429 69.3 5.1 17,911 16.5 All Other/Unknown 6.056 71.5 11.7 7,556 23.6 Total 584,227 75.7 7.7 617,595 26.7 Age < 15 Years 2,913 57.1 7.6 3,193 24.0 15 - 17 Years 44,449 67.8 8.5 48,075 28.4 18 - 19 Years 83,969 73.4 8.5 91,345 29.9 20 - 29 Years 346,926 76.9 7.6 366,853 26.6 30 - 39 Years 99,010 77.6 7.2 100,502 23.7 72.4 6.552 22.2 >= 40 Years 6.404 7.5 Unknown 556 75.4 0.2 1,075 26.3 Total 584,227 75.7 7.7 617,595 26.7 Education < High School 208,131 69.9 9.3 223,294 26.8 High School 248,336 78.2 6.5 258,100 27.5 > High School 116,016 82.2 5.8 123,118 25.0 Unknown 11,744 60.1 23.9 13,083 25.1 Total 584,227 617,595 26.7 75.7 7.7



<sup>(1)</sup> Reporting period is January 1 through December 31.

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

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

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Smoking Indicators by Race/Ethnicity, Age, or Education

	Smoking Indicators by Race/Ethnicity, Age, or Education (2)													
		Smo	oking		Quit Sm By First P	renatal	:	Smoking ir	ı Household					
	3 Mor Prior to Pro		Last 3 M of Pregr		Visit and Si Cigarett		Prena	atal	Postpa	rtum				
	Number	%	Number	%	Number	%	Number	%	Number	%				
Race/Ethnicity														
White, Not Hispanic	309,340	48.0	234,066	31.2	84,905	27.3	166,389	40.0	188,356	36.2				
Black, Not Hispanic	139,875	18.5	91,355	13.1	14,075	35.1	61,159	18.0	64,682	14.2				
Hispanic	114,020	6.5	64,575	2.8	3,208	55.5	57,556	8.0	61,370	6.4				
American Indian/Alaskan Native	6,794	39.7	5,955	20.0	1,681	35.2	4,172	31.0	4,468	26.9				
Asian/Pacific Islander	15,385	13.1	14,348	5.4	1,410	56.6	9,983	20.5	12,461	17.7				
All Other/Unknown	7,828	15.7	5,570	8.8	623	37.7	5,840	15.8	6,452	12.6				
Total	593,242	31.6	415,869	21.5	105,902	29.7	305,099	28.4	337,789	25.3				
Age														
< 15 Years	3,168	18.1	1,984	9.0	366	45.6	1,644	38.7	1,530	35.6				
15 - 17 Years	47,171	32.6	31,647	19.4	9,378	35.4	25,316	41.7	25,339	36.5				
18 - 19 Years	88,285	39.6	60,809	24.0	20,935	34.9	48,699	38.1	49,505	33.3				
20 - 29 Years	349,878	31.6	248,697	21.6	61,861	29.3	179,443	26.2	201,902	24.0				
30 - 39 Years	97,524	25.0	67,626	20.2	12,532	19.4	46,340	19.4	55,225	18.3				
>= 40 Years	6,399	26.4	4,321	23.3	764	14.0	2,840	19.6	3,492	18.0				
Unknown	817	14.2	785	4.6	66	*	817	17.3	796	13.4				
Total	593,242	31.6	415,869	21.5	105,902	29.7	305,099	28.4	337,789	25.3				
Education														
< High School	211,757	35.0	145,697	25.9	42,009	24.3	110,228	33.0	116,967	29.4				
High School	251,822	33.1	175,564	22.3	48,031	31.4	131,898	29.1	147,145	26.4				
> High School	116,233	23.0	87,216	12.2	14,424	40.5	56,822	18.3	67,900	16.2				
Unknown	13,430	26.5	7,392	22.1	1,438	27.6	6,151	22.3	5,777	21.4				
Total	593,242	31.6	415,869	21.5	105,902	29.7	305,099	28.4	337,789	25.3				

<sup>(1)</sup> Reporting period is January 1 through December 31.



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

<sup>(3)</sup> Among women who smoked 3 months prior to pregnancy.

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

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

Infan	t Health In	dicator	s by Rac	e/Ethnicit	y, Age,	or Educati	on (2)	)	
	E	Birthweight		Prete		Full Term	LBW	Ever Bre	astfed
		Low (3)	High (4)	(5)	1	(6)			
	Number	%	%	Number	%	Number	%	Number	%
Race/Ethnicity									
White, Not Hispanic	293,946	7.2	9.0	261,878	9.9	225,464	3.5	286,969	52.8
Black, Not Hispanic	141,479	10.9	5.0	117,170	13.3	94,034	5.8	143,358	41.9
Hispanic	109,434	5.8	8.4	86,984	10.3	71,709	2.7	105,999	73.4
American Indian/Alaskan Native	5,793	6.4	11.8	6,432	11.4	4,881	2.5	6,027	57.3
Asian/Pacific Islander	16,400	8.0	6.0	15,348	6.3	13,861	6.1	14,021	62.5
All Other/Unknown	6,513	7.1	7.7	6,199	11.0	5,218	3.3	6,232	67.0
Total	573,565	7.9	7.8	494,011	10.7	415,167	4.0	562,606	54.4
Age									
< 15 Years	2,824	9.2	3.7	2,446	16.1	1,912	4.4	2,787	35.9
15 - 17 Years	43,312	7.9	4.7	38,140	12.0	31,552	4.7	42,530	44.3
18 - 19 Years	82,007	7.1	5.9	72,406	10.4	61,304	4.2	80,400	49.6
20 - 29 Years	340,735	6.3	8.0	294,331	10.1	249,255	3.7	334,369	54.9
30 - 39 Years	97,512	7.4	10.1	80,845	12.3	66,448	4.4	95,447	61.0
>= 40 Years	6,273	10.7	9.9	4,941	15.4	3,887	6.5	6,176	62.1
Unknown	902	6.4	8.5	902	9.9	809	3.1	897	70.7
Total	573,565	7.9	7.8	494,011	10.7	415,167	4.0	562,606	54.4
Education									
< High School	203,545	7.3	6.6	178,019	11.2	147,665	4.4	200,291	48.7
High School	243,443	6.7	8.1	207,164	10.5	175,645	3.9	238,307	52.6
> High School	113,309	6.2	9.5	100,979	10.3	85,153	3.3	111,064	68.0
Unknown	13,268	6.8	8.4	7,849	11.2	6,704	3.5	12,944	57.6
Total	573,565	7.9	7.8	494,011	10.7	415,167	4.0	562,606	54.4

<sup>(1)</sup> Reporting period is January 1 through December 31.



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

<sup>(3) &</sup>lt;2500 g.

<sup>(4) &</sup>gt;4000 g.

<sup>(5) &</sup>lt;37 weeks gestation.

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

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

(1)

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Maternal Weight Gain and Birth Outcomes by Select Health Indicators

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Matern	al Weight Ga	ain and	Birth Ou	tcomes by	Select l	Health Ir	ndicators	(2)		
	We	eight Gain	(3)			В	Sirth Outcomes			
		< Ideal	> Ideal	E	Birthweight		D .		Full Tarres I DIA	
		lumbar 9/ 0/			Low (4)	High (5)	- Preterm (6)		Full Term LBW (7)	
	Number	%	%	Number	%	%	Number	%	Number	%
Prepregnancy BMI										
Underweight	71,148	30.5	29.3	67,584	11.4	3.4	59,744	12.3	49,533	6.3
Normal Weight	249,551	26.7	40.7	237,026	7.6	6.5	209,586	10.2	176,893	3.9
Overweight	78,032	15.3	59.3	74,289	6.8	9.0	65,706	10.2	55,458	3.3
Obese	149,354	27.2	0.0	143,224	6.9	11.4	128,547	10.5	108,647	3.2
Weight Gain										
< Ideal	_	-	_	124,753	12.5	4.4	113,119	13.8	91,145	6.4
Ideal	_	_	_	219,115	6.9	8.3	198,343	10.2	168,282	3.5
> Ideal	_	_	_	154,943	5.0	9.9	139,111	8.2	120,027	2.6
Smoking During Pregnancy										
Smokers	85,311	26.0	31.9	81,742	10.0	4.8	77,546	10.7	66,485	5.8
Non-Smokers	322,457	25.2	30.4	321,215	6.5	8.7	284,252	10.5	242,036	3.1



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

<sup>(3)</sup> 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).

<sup>(4) &</sup>lt;2500 g.

<sup>(5) &</sup>gt; 4000 g.

<sup>(6) &</sup>lt;37 weeks gestation.

<sup>(7) 37</sup> 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 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	%	%	%	%	%	%						
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						

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

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## **Summary of Trends in Age Distribution**

	Summary of Trends in Age Distribution (2)													
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %						
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						

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

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### **Summary of Trends in Maternal Health Indicators**

		Summai	y of Trer	nds in Ma	ternal	Health In	dicators	(2)			
Year	Pre	epregnancy (3)	ВМІ	V	Veight Ga (4)	iin	Anemia (Low Hb/Hct) (5)				
		Under- Over- weight weight			< Ideal	> Ideal	3rd Trir	nester	Postpartum		
	Number	%	%	Number	%	%	Number	%	Number	%	
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	

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





<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

<sup>(4)</sup> 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).

## **Summary of Trends in Maternal Behavioral Indicators**

Summary of Trends in Maternal Behavioral Indicators (2)													
Year	1	Medical Ca	are	WIC Enro	ollment								
	1st T	rimester	No Care	1st Trim	ester								
	Number	%	%	Number	%								
2001	584,227	584,227 75.7 7.7 6											
2000	553,217	553,217 75.7 7.7 614,061 26.7											



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<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

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

## (1)

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## **Summary of Trends in Smoking Indicators**

	Summary of Trends in Smoking Indicators (2)														
Year		Smo	king		Quit Sm By First F		Smoking in Household								
	3 Mor Prior to Pr		Last 3 N of Preg		Visit and Stayed Off Cigarettes (3)				Postpartum						
	Number	%	Number	%	Number	%	Number %		Number	%					
2001	593,242	31.6	415,869	415,869 21.5		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					



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

<sup>(3)</sup> Among women who smoked 3 months prior to pregnancy.

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

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	Summary of Trends in Infant Health Indicators (2)													
Year		Birthweight		Prete (5)	erm	Full Term (6)	ı LBW	Ever Bre	eastfed					
		Low (3)	High (4)											
	Number	%	%	Number	%	Number	%	Number	%					
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					



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes records with unknown data or errors.

<sup>(3) &</sup>lt;2500 g.

<sup>(4) &</sup>gt;4000 g.

<sup>(5) &</sup>lt;37 weeks gestation.

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

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

Nation

Summary of Trends in Maternal Health Indicators by Race/Ethnicity

	Summa	ry of Tre	nds in	Maternal	Health I	ndicato	rs by Ra	ce/Ethnic	ity <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 Tri	mester	Postpa	artum	
		Number	%	%	Number	%	%	Number	%	Number	%	
White, Not Hispanic	2001 2000	334,613 326,763	15.6 16.1	39.7 38.7	284,413 277,756	23.1 23.3	33.6 33.5	47,298 48,052	24.7 24.3	282,932 287,217	27.5 27.8	
Black, Not Hispanic	2001 2000	165,886 165,650	10.6 11.0	48.1 47.0	135,289 129,986	28.7 29.1	27.0 27.1	25,215 27,388	43.4 44.0	122,168 127,572	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.
- Percentages are not calculated if <100 records are available for analysis after exclusions.



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S	umma	ry of Tre	nds in	Maternal	Health	Indicato	rs by Ra	ce/Ethnic	ity <sup>(2)</sup>			
Race/Ethnicity and Year		Prepregnancy BMI (3)				Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
			Under- ( weight v			< Ideal	> Ideal	3rd Trimester		Postp	artum	
		Number	%	%	Number	%	%	Number	%	Number	%	
Hispanic	2001 2000	126,919 113,113	8.9 9.3	39.1 38.5	103,601 88,882	28.7 29.1	28.5 28.5	17,309 17,852	24.2 23.8	94,828 89,670	36.8 36.5	
American Indian/Alaskan Native	2001 2000	7,328 6,780	8.5 9.2	51.6 53.5	5,479 4,839	27.5 28.6	27.7 25.7	1,242 1,156	25.9 28.0	6,138 5,905	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.
- Percentages are not calculated if <100 records are available for analysis after exclusions.



Nation

Summary of Trends in Maternal Health Indicators by Race/Ethnicity

	Summary of Trends in Maternal Health Indicators by Race/Ethnicity (2)													
Race/Ethnicity and Year		Pre	pregnancy (3)	/ BMI		Weight Gain (4)			Anemia (Low Hb/Hct) (5)					
			Under- weight	Over- weight		< Ideal	> Ideal	3rd Tri	mester	Postp	oartum			
		Number	%	%	Number	%	%	Number	%	Number	%			
Asian/Pacific Islander	2001 2000	18,300 17,653	21.3 22.5	27.3 26.3	15,441 14,653	29.0 30.7	28.3 26.5	3,003 3,104	24.0 23.6	13,048 14,211	34.0 33.0			
All Other/Unknown	2001 2000	7,722 6,130	12.5 14.1	38.4 34.3	6,208 4,936	28.9 25.3	27.7 30.2	1,325 1,036	28.2 25.9	5,217 4,931	34.7 38.8			

<sup>(1)</sup> Reporting period is January 1 through December 31.



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<sup>(2)</sup> Excludes data with errors.

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

<sup>(4)</sup> 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).

<sup>(5)</sup> 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.

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Ş	Summa	ry of Tre	nds in	Maternal	Health I	ndicato	rs by Ra	ce/Ethnicity (2)					
Race/Ethnicity and Year		Prep	Prepregnancy BMI (3)			Weight Ga	ain	Anemia (Low Hb/Hct) (5)					
			Under- weight	Over- weight		< Ideal	> Ideal	3rd Trir	mester	Postpa	artum		
		Number	%	%	Number	%	%	Number	%	Number	%		
Total All Race/Ethnic Groups	2001 2000	660,768 636,089	13.1 13.7	41.4 40.6	550,431 521,052	25.8 26.0	30.7 30.7	95,392 98,588	29.6 29.7	524,331 529,506	35.0 35.3		



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

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

<sup>(4)</sup> 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).

<sup>(5)</sup> 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.

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Summary of Trends in Ma	in Maternal Behavioral Indicators by Race/Ethnicity								
Race/Ethnicity and Year		Me	edical Ca	ıre	WIC Enro	ollment			
		1st Trin	nester	No Care	1st Trim	ester			
		Number	%	%	Number	%			
White, Not Hispanic	2001 2000	299,443 293,866	79.5 79.6	8.3 8.2	321,420 322,104	32.4 32.1			
Black, Not Hispanic	2001 2000	147,288 141,379	72.7 72.8	5.7 5.9	152,721 160,072	21.6 22.2			

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes data with errors.

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

Summary of Trends in Ma	aternal	Behavior	al Indi	cators by F	Race/Ethni	icity	(2)
Race/Ethnicity and Year		Ме	edical Ca	are	WIC Enro	ollment	
		1st Trir	nester	No Care	1st Trim	ester	
		Number	%	%	Number	%	
Hispanic	2001 2000	108,971 92,384	70.4 69.2	9.2 9.6	110,238 101,084	18.7 18.4	
American Indian/Alaskan Native	2001 2000	6,040 5,207	74.9 74.7	4.1 3.5	7,749 7,261	29.9 29.1	

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes data with errors.

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

Summary of Trends in M	aternal	Behavior	al Indic	cators by F	Race/Ethn	icity	(2)
Race/Ethnicity and Year		М	edical Ca	ıre	WIC Enr	ollment	
		1st Trir	mester	No Care	1st Trin	nester	
		Number	%	%	Number	%	
Asian/Pacific Islander	2001 2000	16,429 15,527	69.3 70.4	5.1 4.4	17,911 17,524	16.5 17.8	
All Other/Unknown	2001 2000	6,056 4,854	71.5 70.8	11.7 12.4	7,556 6,016	23.6 22.5	

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes data with errors.

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

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Summary of Trends in M	laternal	Behavior	al Indi	Race/Ethn	icity	(2)	
Race/Ethnicity and Year		Medical Care			WIC Enro	ollment	
		1st Trin	nester	No Care	1st Trim	ıester	
		Number	%	%	Number	%	
Total All Race/Ethnic Groups	2001 2000	584,227 553,217	75.7 75.7	7.7 7.7	617,595 614,061	26.7 26.7	

<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

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

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	Sur	nmary of	Trends	s in Smok	ing Indi	cators by	Race/E	thnicity	(2)		
Race/Ethnicity and Year			Smo	king		Quit Sn By First I			Smoking ir	n Household	
		3 Mor Prior to Pr		Last 3 N of Preg		Visit and S Cigaret		Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
White, Not Hispanic	2001 2000	309,340 298,682	48.0 47.8	234,066 232,242	31.2 31.2	84,905 84,680	27.3 27.1	166,389 147,659	40.0 41.2	188,356 168,950	36.2 37.4
Black, Not Hispanic	2001 2000	139,875 139,192	18.5 18.6	91,355 89,395	13.1 13.3	14,075 13,930	35.1 33.9	61,159 58,003	18.0 18.9	64,682 60,260	14.2 15.1

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes data with errors.

<sup>(3)</sup> Among women who smoked 3 months prior to pregnancy.

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

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	Summary of Trends in Smoking Indicators by Race/Ethnicity (2)										
Race/Ethnicity and Year			Smo	king		Quit Sr By First I	Prenatal		Smoking in	n Household	
		3 Mor Prior to Pr		Last 3 Months of Pregnancy		Visit and S Cigaret	Stayed Off ttes (3)	Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Hispanic	2001 2000	114,020 102,408	6.5 6.8	64,575 57,576	2.8 3.3	3,208 3,021	55.5 51.8	57,556 50,596	8.0 8.3	61,370 53,317	6.4 7.0
American Indian/Alaskan Native	2001 2000	6,794 6,073	39.7 36.9	5,955 5,343	20.0 20.6	1,681 1,412	35.2 33.9	4,172 3,394	31.0 28.6	4,468 3,514	26.9 24.8

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes data with errors.

<sup>(3)</sup> Among women who smoked 3 months prior to pregnancy.

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

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	Sur	nmary of	Trends	s in Smok	ing Indi	dicators by Race/Ethnicity (2)						
Race/Ethnicity and Year			Smo	king		Quit Sn By First I	Prenatal	Smoking in Household				
		3 Mo Prior to Pi		Last 3 N of Preg		Visit and S Cigaret	Stayed Off ttes (3)	Prenatal		Postpartum		
		Number	%	Number	%	Number	%	Number	%	Number	%	
Asian/Pacific Islander	2001 2000	15,385 15,464	13.1 10.5	14,348 13,815	5.4 5.1	1,410 1,172	56.6 50.3	9,983 9,521	20.5 15.7	12,461 11,380	17.7 14.9	
All Other/Unknown	2001 2000	7,828 6,428	15.7 14.5	5,570 4,391	8.8 8.8	623 463	37.7 34.6	5,840 4,373	15.8 15.1	6,452 4,837	12.6 12.3	

<sup>(1)</sup> Reporting period is January 1 through December 31.



<sup>(2)</sup> Excludes data with errors.

<sup>(3)</sup> Among women who smoked 3 months prior to pregnancy.

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

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	Sur	nmary of	Trends	in Smok	ing Indi	cators by	Race/E	thnicity	2)		
Race/Ethnicity and Year			Smo	king		Quit Sm By First F	Prenatal		Smoking ir	moking 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	%
Total All Race/Ethnic Groups	2001 2000	593,242 568,247	31.6 31.7	415,869 402,762	21.5 22.0	105,902 104,678	29.7 29.1	305,099 273,546	28.4 28.9	337,789 302,258	25.3 26.2



<sup>(1)</sup> Reporting period is January 1 through December 31.

<sup>(2)</sup> Excludes data with errors.

<sup>(3)</sup> Among women who smoked 3 months prior to pregnancy.

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

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Race/Ethnicity and Year		Birthweight				Preterm		Full Term LBW		Ever Breastfed	
·			Low (3)	High (4)	(5)		(6)				
		Number	%	%	Number	%	Number	%	Number	%	
White, Not Hispanic	2001 2000	293,946 292,838	7.2 7.0	9.0 9.5	261,878 262,260	9.9 9.8	225,464 229,816	3.5 3.4	286,969 282,861	52.i	
Black, Not Hispanic	2001 2000	141,479 135,558	10.9 11.0	5.0 5.3	117,170 116,924	13.3 13.4	94,034 94,213	5.8 5.7	143,358 135,940	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.



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	Summary	of Trend	s in Infa	ant Heal	th Indica	tors by	Race/Eth	nicity	(2)		
Race/Ethnicity and Year		В	irthweight		Preterm (5)		Full Term LBW		Ever Brea	astfed	
,			Low (3)	High (4)	(5)	)	(6)				
		Number	%	%	Number	%	Number	%	Number	%	
Hispanic	2001 2000	109,434 93,700	5.8 5.9	8.4 8.6	86,984 74,284	10.3 10.3	71,709 61,750	2.7 2.7	105,999 89,136	73.4 71.4	
American Indian/Alaskan	Native2001 2000	5,793 6,159	6.4 6.2	11.8 11.8	6,432 5,971	11.4 10.9	4,881 5,235	2.5 2.8	6,027 5,796	57.3 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.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.



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,	Summary	of Trend	ds in Infa	ant Heal	th Indica	tors 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	%	
Asian/Pacific Islander	2001 2000	16,400 15,735	8.0 7.7	6.0 6.0	15,348 14,739	6.3 6.5	13,861 13,363	6.1 5.7	14,021 13,335	62.5 57.0	
All Other/Unknown	2001 2000	6,513 4,924	7.1 7.2	7.7 8.1	6,199 4,721	11.0 11.6	5,218 3,892	3.3 3.5	6,232 4,643	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.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.



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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	2001 2000	573,565 548,914	7.9 7.8	7.8 8.2	494,011 478,899	10.7 10.7	415,167 408,269	4.0 3.9	562,606 531,711	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.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.

