

**Table 3B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Racial and Ethnic Distribution by County**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>White, Not Hispanic</b>	<b>Black, Not Hispanic</b>	<b>Hispanic</b>	<b>American Indian/Alaskan Native</b>	<b>Asian/Pacific Islander</b>	<b>Multiple Races</b>	<b>All Other/Unknown</b>
		%	%	%	%	%	%	%
Adams	9	*	*	*	*	*	*	*
Barnes	38	*	*	*	*	*	*	*
Benson	132	5.3	0.0	0.8	91.7	0.8	1.5	0.0
Bottineau	19	*	*	*	*	*	*	*
Bowman	14	*	*	*	*	*	*	*
Burke	4	*	*	*	*	*	*	*
Burleigh	474	67.5	0.8	3.4	24.5	1.1	2.7	0.0
Cass	819	72.4	11.2	5.9	5.5	2.4	1.8	0.7
Cavalier	13	*	*	*	*	*	*	*
Dickey	30	*	*	*	*	*	*	*
Divide	8	*	*	*	*	*	*	*
Dunn	3	*	*	*	*	*	*	*
Eddy	7	*	*	*	*	*	*	*
Emmons	34	*	*	*	*	*	*	*
Foster	21	*	*	*	*	*	*	*
Golden Val	6	*	*	*	*	*	*	*
Grand Fork	620	69.7	3.4	10.2	11.8	1.5	3.5	0.0
Grant	4	*	*	*	*	*	*	*
Griggs	14	*	*	*	*	*	*	*
Hettinger	2	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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



**Table 3B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Racial and Ethnic Distribution by County**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>White, Not Hispanic %</b>	<b>Black, Not Hispanic %</b>	<b>Hispanic %</b>	<b>American Indian/Alaskan Native %</b>	<b>Asian/Pacific Islander %</b>	<b>Multiple Races %</b>	<b>All Other/Unknown %</b>
Kidder	13	*	*	*	*	*	*	*
LaMoure	16	*	*	*	*	*	*	*
Logan	3	*	*	*	*	*	*	*
McHenry	14	*	*	*	*	*	*	*
McIntosh	19	*	*	*	*	*	*	*
McKenzie	6	*	*	*	*	*	*	*
McLean	30	*	*	*	*	*	*	*
Mercer	20	*	*	*	*	*	*	*
Morton	125	75.2	0.8	3.2	16.8	2.4	1.6	0.0
Mountrail	3	*	*	*	*	*	*	*
Nelson	10	*	*	*	*	*	*	*
Pembina	43	*	*	*	*	*	*	*
Pierce	21	*	*	*	*	*	*	*
Ramsey	98	*	*	*	*	*	*	*
Ransom	39	*	*	*	*	*	*	*
Renville	3	*	*	*	*	*	*	*
Richland	98	*	*	*	*	*	*	*
Rolette	289	4.2	0.0	4.2	86.5	0.7	3.8	0.7
Sargent	16	*	*	*	*	*	*	*
Sheridan	9	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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



**Table 3B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Racial and Ethnic Distribution by County**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
<b>County</b>	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Stark	130	80.8	1.5	14.6	3.1	0.0	0.0	0.0
Steele	4	*	*	*	*	*	*	*
Stutsman	110	85.5	0.0	11.8	1.8	0.9	0.0	0.0
Towner	8	*	*	*	*	*	*	*
Traill	55	*	*	*	*	*	*	*
Walsh	114	58.8	0.0	37.7	3.5	0.0	0.0	0.0
Ward	563	74.6	3.9	8.0	7.6	1.8	3.7	0.4
Wells	10	*	*	*	*	*	*	*
Williams	141	77.3	0.0	2.8	10.6	0.0	9.2	0.0
<b>North Dakota</b>	<b>4,281</b>	<b>67.3</b>	<b>3.3</b>	<b>7.8</b>	<b>17.4</b>	<b>1.3</b>	<b>2.6</b>	<b>0.3</b>
<b>Nation (Prior Year)</b>	<b>1,153,475</b>	<b>41.5</b>	<b>22.7</b>	<b>28.7</b>	<b>1.1</b>	<b>3.1</b>	<b>0.9</b>	<b>2.0</b>

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

(2) Excludes data with errors.

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

**Table 4B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Age Distribution by County**

Comparison of Age Distribution <sup>(2)</sup>								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	9	*	*	*	*	*	*	*
Barnes	38	*	*	*	*	*	*	*
Benson	132	2.3	11.4	17.4	55.3	11.4	2.3	0.0
Bottineau	19	*	*	*	*	*	*	*
Bowman	14	*	*	*	*	*	*	*
Burke	4	*	*	*	*	*	*	*
Burleigh	474	0.0	3.8	13.5	68.8	13.3	0.4	0.2
Cass	819	0.4	4.3	12.7	66.7	14.7	1.3	0.0
Cavalier	13	*	*	*	*	*	*	*
Dickey	30	*	*	*	*	*	*	*
Divide	8	*	*	*	*	*	*	*
Dunn	3	*	*	*	*	*	*	*
Eddy	7	*	*	*	*	*	*	*
Emmons	34	*	*	*	*	*	*	*
Foster	21	*	*	*	*	*	*	*
Golden Val	6	*	*	*	*	*	*	*
Grand Fork	620	0.2	3.5	12.1	69.7	13.2	1.3	0.0
Grant	4	*	*	*	*	*	*	*
Griggs	14	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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

**Table 4B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Age Distribution by County**

Comparison of Age Distribution <sup>(2)</sup>								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	2	*	*	*	*	*	*	*
Kidder	13	*	*	*	*	*	*	*
LaMoure	16	*	*	*	*	*	*	*
Logan	3	*	*	*	*	*	*	*
McHenry	14	*	*	*	*	*	*	*
McIntosh	19	*	*	*	*	*	*	*
McKenzie	6	*	*	*	*	*	*	*
McLean	30	*	*	*	*	*	*	*
Mercer	20	*	*	*	*	*	*	*
Morton	125	0.0	2.4	13.6	67.2	16.8	0.0	0.0
Mountrail	3	*	*	*	*	*	*	*
Nelson	10	*	*	*	*	*	*	*
Pembina	43	*	*	*	*	*	*	*
Pierce	21	*	*	*	*	*	*	*
Ramsey	98	*	*	*	*	*	*	*
Ransom	39	*	*	*	*	*	*	*
Renville	3	*	*	*	*	*	*	*
Richland	98	*	*	*	*	*	*	*
Rolette	289	1.0	9.7	17.3	57.1	13.8	1.0	0.0

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

(2) Excludes data with errors.

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

**Table 4B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Age Distribution by County**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>&lt; 15 Years %</b>	<b>15 - 17 Years %</b>	<b>18 - 19 Years %</b>	<b>20 - 29 Years %</b>	<b>30 - 39 Years %</b>	<b>&gt;= 40 Years %</b>	<b>Unknown %</b>
Sargent	16	*	*	*	*	*	*	*
Sheridan	9	*	*	*	*	*	*	*
Stark	130	0.0	5.4	8.5	70.0	14.6	0.8	0.8
Steele	4	*	*	*	*	*	*	*
Stutsman	110	0.9	6.4	9.1	67.3	16.4	0.0	0.0
Towner	8	*	*	*	*	*	*	*
Traill	55	*	*	*	*	*	*	*
Walsh	114	0.0	8.8	9.6	61.4	18.4	1.8	0.0
Ward	563	0.0	3.9	14.4	70.5	11.0	0.2	0.0
Wells	10	*	*	*	*	*	*	*
Williams	141	0.0	5.7	10.6	70.2	12.8	0.7	0.0
<b>North Dakota</b>	<b>4,281</b>	<b>0.3</b>	<b>4.9</b>	<b>12.9</b>	<b>66.6</b>	<b>14.4</b>	<b>1.0</b>	<b>0.0</b>
<b>Nation (Prior Year)</b>	<b>1,153,475</b>	<b>0.4</b>	<b>6.5</b>	<b>12.6</b>	<b>60.0</b>	<b>19.0</b>	<b>1.4</b>	<b>0.1</b>

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

(2) Excludes data with errors.

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

**Table 5B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**

Comparison of Maternal Health Indicators <sup>(2, 3)</sup>														
County	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum					
	Number	% (Rank)	%	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Adams	9	* * * *		7	* * * *		2	* *	4	* *	8	* *	8	* *
Barnes	28	* * * *		25	* * * *		6	* *	30	* *	36	* *	36	* *
Benson	116	10.3 (10)	44.0 (1)	100	17.0 (2)	46.0 (1)	27	* *	31	* *	114	6.1 (6)	114	12.3(6)
Bottineau	18	* * * *		16	* * * *		6	* *	16	* *	16	* *	16	* *
Bowman	12	* * * *		12	* * * *		2	* *	12	* *	13	* *	13	* *
Burke	2	* * * *		1	* * * *		0	* *	2	* *	3	* *	3	* *
Burleigh	416	9.9 (8)	44.5 (2)	358	19.0 (6)	47.5 (3)	74	* *	379	18.7 (3)	403	6.9 (8)	403	9.9(4)
Cass	674	9.3 (7)	48.8 (6)	565	20.0 (7)	46.9 (2)	118	33.9 (1)	625	25.8 (4)	679	6.3 (7)	680	6.5(1)
Cavalier	12	* * * *		9	* * * *		1	* *	4	* *	8	* *	8	* *
Dickey	25	* * * *		23	* * * *		4	* *	24	* *	18	* *	18	* *
Divide	7	* * * *		6	* * * *		1	* *	6	* *	7	* *	7	* *
Dunn	3	* * * *		3	* * * *		0	* *	0	* *	2	* *	2	* *
Eddy	7	* * * *		7	* * * *		0	* *	5	* *	6	* *	6	* *
Emmons	29	* * * *		26	* * * *		4	* *	12	* *	28	* *	28	* *
Foster	19	* * * *		19	* * * *		4	* *	15	* *	20	* *	20	* *
Golden Val	6	* * * *		4	* * * *		0	* *	4	* *	3	* *	3	* *
Grand Fork	443	7.4 (3)	47.4 (5)	310	12.6 (1)	57.4 (7)	76	* *	411	28.0 (6)	444	4.7 (3)	445	15.3(9)

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one county's rate to other counties. 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.

**Table 5B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**

Comparison of Maternal Health Indicators <sup>(2, 3)</sup>															
County	Prepregnancy BMI <sup>(4)</sup>				Weight Gain <sup>(5)</sup>			Anemia (Low Hb/Hct) <sup>(6)</sup>				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under-weight		Over-weight		< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	%	%	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Grant	4	* * * *	* * *	* * *	2	* * * *	* * *	0	* * *	2	* * *	3	* * *	3	* * *
Griggs	12	* * * *	* * *	* * *	9	* * * *	* * *	2	* * *	5	* * *	12	* * *	12	* * *
Hettinger	2	* * * *	* * *	* * *	1	* * * *	* * *	0	* * *	1	* * *	1	* * *	1	* * *
Kidder	10	* * * *	* * *	* * *	9	* * * *	* * *	2	* * *	10	* * *	12	* * *	12	* * *
LaMoure	12	* * * *	* * *	* * *	9	* * * *	* * *	1	* * *	8	* * *	9	* * *	9	* * *
Logan	3	* * * *	* * *	* * *	3	* * * *	* * *	1	* * *	2	* * *	3	* * *	3	* * *
McHenry	13	* * * *	* * *	* * *	11	* * * *	* * *	1	* * *	11	* * *	13	* * *	13	* * *
McIntosh	17	* * * *	* * *	* * *	14	* * * *	* * *	4	* * *	9	* * *	7	* * *	7	* * *
McKenzie	5	* * * *	* * *	* * *	5	* * * *	* * *	1	* * *	5	* * *	5	* * *	5	* * *
McLean	19	* * * *	* * *	* * *	16	* * * *	* * *	8	* * *	24	* * *	27	* * *	26	* * *
Mercer	18	* * * *	* * *	* * *	15	* * * *	* * *	2	* * *	15	* * *	18	* * *	18	* * *
Morton	100	3.0 (1)	58.0 (9)		80	* * * *	* * *	20	* * *	96	* * *	104	4.8 (4)	104	12.5(7)
Mountrail	3	* * * *	* * *	* * *	3	* * * *	* * *	0	* * *	3	* * *	3	* * *	3	* * *
Nelson	8	* * * *	* * *	* * *	8	* * * *	* * *	4	* * *	8	* * *	9	* * *	9	* * *
Pembina	37	* * * *	* * *	* * *	33	* * * *	* * *	7	* * *	23	* * *	38	* * *	38	* * *
Pierce	19	* * * *	* * *	* * *	17	* * * *	* * *	2	* * *	17	* * *	21	* * *	21	* * *
Ramsey	80	* * * *	* * *	* * *	72	* * * *	* * *	16	* * *	83	* * *	83	* * *	83	* * *

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. 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.

**Table 5B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**

Comparison of Maternal Health Indicators <sup>(2, 3)</sup>															
County	Prepregnancy BMI <sup>(4)</sup>				Weight Gain <sup>(5)</sup>			Anemia (Low Hb/Hct) <sup>(6)</sup>				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under-weight		Over-weight		< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	%	%	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Ransom	34	* * * *	* * * *		32	* * * *	* * * *	6	* * *	27	* * *	33	* * *	33	* * *
Renville	2	* * * *	* * * *		2	* * * *	* * * *	0	* * *	2	* * *	3	* * *	3	* * *
Richland	77	* * * *	* * * *		59	* * * *	* * * *	14	* * *	61	* * *	78	* * *	78	* * *
Rolette	268	7.1 (2)	58.6 (10)		245	18.4 (5)	47.8 (4)	29	* * *	228	27.2 (5)	264	4.9 (5)	264	7.6(2)
Sargent	15	* * * *	* * * *		13	* * * *	* * * *	2	* * *	11	* * *	13	* * *	13	* * *
Sheridan	8	* * * *	* * * *		5	* * * *	* * * *	1	* * *	4	* * *	2	* * *	2	* * *
Stark	118	8.5 (6)	46.6 (3)		104	18.3 (4)	54.8 (6)	20	* * *	63	* * *	100	3.0 (1)	100	12.0(5)
Steele	4	* * * *	* * * *		4	* * * *	* * * *	1	* * *	2	* * *	1	* * *	1	* * *
Stutsman	95	* * * *	* * * *		75	* * * *	* * * *	13	* * *	82	* * *	87	* * *	87	* * *
Towner	5	* * * *	* * * *		3	* * * *	* * * *	0	* * *	5	* * *	5	* * *	5	* * *
Traill	32	* * * *	* * * *		4	* * * *	* * * *	4	* * *	22	* * *	25	* * *	25	* * *
Walsh	102	7.8 (5)	55.9 (8)		83	* * * *	* * * *	15	* * *	75	* * *	86	* * *	86	* * *
Ward	466	7.7 (4)	47.0 (4)		377	17.0 (2)	51.7 (5)	88	* * *	415	14.5 (2)	464	4.1 (2)	463	8.0(3)
Wells	10	* * * *	* * * *		10	* * * *	* * * *	0	* * *	10	* * *	10	* * *	10	* * *
Williams	108	10.2 (9)	51.9 (7)		97	* * * *	* * * *	26	* * *	109	3.7 (1)	112	8.0 (9)	112	13.4(8)
<b>North Dakota</b>	<b>3,532</b>	<b>8.7</b>	<b>49.3</b>		<b>2,911</b>	<b>17.0</b>	<b>49.2</b>	<b>615</b>	<b>24.4</b>	<b>3,018</b>	<b>21.2</b>	<b>3,459</b>	<b>5.5</b>	<b>3,459</b>	<b>9.9</b>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. 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.

**Table 5B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>														
<b>County</b>	Prepregnancy BMI (4)			Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy		Hypertension During Pregnancy	
	Under- weight	Over- weight		< Ideal	> Ideal		3rd Trimester		Postpartum					
	Number	% (Rank)	%	Number	% (Rank)	%	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
<b>Nation (Prior Year)</b>	<b>1,081,550</b>	<b>11.2</b>	<b>43.7</b>	<b>872,976</b>	<b>24.8</b>	<b>43.1</b>	<b>161,665</b>	<b>32.2</b>	<b>359,221</b>	<b>29.2</b>	<b>150,176</b>	<b>3.6</b>	<b>164,043</b>	<b>3.0</b>

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one county's rate to other counties. 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.

**Table 6B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Behavioral Indicators by County**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>										
<b>County</b>	<b>Medical Care</b>				<b>WIC Enrollment</b>		<b>Multivitamin Consumption</b>			
	<b>1st Trimester</b>		<b>No Care</b>		<b>1st Trimester</b>		<b>Prepregnancy</b> (4)		<b>During Pregnancy</b> (5)	
	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>
Adams	6	* *	* *	* *	7	* *	5	* *	3	* *
Barnes	14	* *	* *	* *	27	* *	25	* *	19	* *
Benson	91	* *	* *	* *	104	36.5 (7)	112	17.9 (4)	74	* *
Bottineau	11	* *	* *	* *	18	* *	17	* *	13	* *
Bowman	8	* *	* *	* *	9	* *	7	* *	6	* *
Burke	0	* *	* *	* *	3	* *	4	* *	1	* *
Burleigh	243	86.8 (2)	0.0 (1)		374	45.5 (4)	341	19.4 (3)	215	5.1 (3)
Cass	390	83.6 (3)	0.0 (1)		652	42.8 (5)	538	16.7 (5)	375	10.9 (1)
Cavalier	4	* *	* *	* *	10	* *	8	* *	4	* *
Dickey	14	* *	* *	* *	25	* *	21	* *	18	* *
Divide	6	* *	* *	* *	6	* *	3	* *	5	* *
Dunn	1	* *	* *	* *	3	* *	3	* *	2	* *
Eddy	3	* *	* *	* *	6	* *	5	* *	3	* *
Emmons	18	* *	* *	* *	28	* *	24	* *	12	* *
Foster	15	* *	* *	* *	19	* *	17	* *	15	* *
Golden Val	1	* *	* *	* *	4	* *	2	* *	2	* *
Grand Fork	256	88.7 (1)	0.0 (1)		444	48.4 (2)	421	21.6 (2)	264	4.5 (4)
Grant	2	* *	* *	* *	3	* *	2	* *	2	* *
Griggs	7	* *	* *	* *	11	* *	12	* *	8	* *
Hettinger	0	* *	* *	* *	1	* *	1	* *	0	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

**Table 6B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Behavioral Indicators by County**

Comparison of Maternal Behavioral Indicators <sup>(2, 3)</sup>										
County	Medical Care				WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care		1st Trimester		Pregnancy <sup>(4)</sup>		During Pregnancy <sup>(5)</sup>	
	Number	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Kidder	10	* *	* *	* *	10	* *	12	* *	9	* *
LaMoure	8	* *	* *	* *	10	* *	8	* *	5	* *
Logan	2	* *	* *	* *	2	* *	2	* *	2	* *
McHenry	5	* *	* *	* *	8	* *	9	* *	6	* *
McIntosh	10	* *	* *	* *	16	* *	14	* *	10	* *
McKenzie	2	* *	* *	* *	5	* *	4	* *	3	* *
McLean	13	* *	* *	* *	19	* *	17	* *	10	* *
Mercer	11	* *	* *	* *	16	* *	15	* *	11	* *
Morton	63	* *	* *	* *	96	* *	85	* *	61	* *
Mountrail	2	* *	* *	* *	3	* *	3	* *	1	* *
Nelson	8	* *	* *	* *	8	* *	8	* *	7	* *
Pembina	29	* *	* *	* *	36	* *	36	* *	29	* *
Pierce	12	* *	* *	* *	16	* *	16	* *	9	* *
Ramsey	55	* *	* *	* *	74	* *	68	* *	44	* *
Ransom	22	* *	* *	* *	32	* *	31	* *	21	* *
Renville	2	* *	* *	* *	2	* *	2	* *	1	* *
Richland	47	* *	* *	* *	79	* *	69	* *	50	* *
Rolette	189	81.0 (5)	0.0 (1)		264	58.7 (1)	260	10.0 (6)	156	3.2 (5)
Sargent	9	* *	* *	* *	12	* *	10	* *	6	* *
Sheridan	5	* *	* *	* *	8	* *	7	* *	4	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

**Table 6B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Behavioral Indicators by County**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>										
<b>County</b>	<b>Medical Care</b>				<b>WIC Enrollment</b>		<b>Multivitamin Consumption</b>			
	<b>1st Trimester</b>		<b>No Care</b>		<b>1st Trimester</b>		<b>Prepregnancy</b> (4)		<b>During Pregnancy</b> (5)	
	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>
Stark	56	* *	* *	* *	92	* *	86	* *	53	* *
Steele	3	* *	* *	* *	3	* *	3	* *	2	* *
Stutsman	63	* *	* *	* *	93	* *	86	* *	56	* *
Towner	2	* *	* *	* *	4	* *	4	* *	3	* *
Trails	22	* *	* *	* *	31	* *	36	* *	18	* *
Walsh	57	* *	* *	* *	99	* *	87	* *	47	* *
Ward	267	82.8 (4)	0.0 (1)		450	48.0 (3)	416	24.3 (1)	280	5.7 (2)
Wells	7	* *	* *	* *	8	* *	8	* *	8	* *
Williams	80	* *	* *	* *	110	41.8 (6)	57	* *	65	* *
<b>North Dakota</b>	<b>2,151</b>	<b>84.6</b>	<b>0.0</b>		<b>3,360</b>	<b>47.0</b>	<b>3,027</b>	<b>21.8</b>	<b>2,018</b>	<b>7.1</b>
<b>Nation (Prior Year)</b>	<b>579,816</b>	<b>78.5</b>	<b>5.6</b>		<b>944,971</b>	<b>31.2</b>	<b>38,592</b>	<b>15.7</b>	<b>206,967</b>	<b>74.1</b>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 7B**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	6	* *	5	* *	1	* *	4	* *	7	* *
Barnes	24	* *	36	* *	12	* *	21	* *	36	* *
Benson	108	56.5 (5)	115	30.4 (7)	42	* *	74	* *	109	18.3 (7)
Bottineau	17	* *	16	* *	4	* *	14	* *	16	* *
Bowman	9	* *	13	* *	1	* *	8	* *	13	* *
Burke	4	* *	3	* *	0	* *	2	* *	3	* *
Burleigh	339	55.8 (4)	399	25.1 (4)	116	44.0 (1)	243	11.9 (1)	393	3.8 (1)
Cass	583	44.6 (2)	676	25.1 (4)	164	28.7 (5)	440	25.2 (4)	633	21.8 (8)
Cavalier	8	* *	8	* *	1	* *	6	* *	6	* *
Dickey	21	* *	25	* *	0	* *	15	* *	25	* *
Divide	6	* *	6	* *	2	* *	5	* *	6	* *
Dunn	3	* *	2	* *	1	* *	3	* *	1	* *
Eddy	5	* *	6	* *	3	* *	4	* *	5	* *
Emmons	24	* *	28	* *	0	* *	14	* *	28	* *
Foster	18	* *	21	* *	8	* *	16	* *	20	* *

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) Among women who smoked 3 months prior to pregnancy.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 7B**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)		Number	% (Rank)	Number	% (Rank)	
Golden Val	2	* *	3	* *	0	* *	2	* *	3	* *
Grand Fork	434	47.5 (3)	471	20.6 (1)	106	41.5 (2)	297	13.8 (2)	444	10.4 (4)
Grant	3	* *	3	* *	0	* *	3	* *	2	* *
Griggs	12	* *	12	* *	4	* *	8	* *	11	* *
Hettinger	1	* *	1	* *	0	* *	0	* *	1	* *
Kidder	12	* *	12	* *	6	* *	10	* *	11	* *
LaMoure	8	* *	13	* *	3	* *	5	* *	13	* *
Logan	2	* *	3	* *	1	* *	2	* *	3	* *
McHenry	9	* *	13	* *	4	* *	8	* *	13	* *
McIntosh	15	* *	12	* *	3	* *	11	* *	12	* *
McKenzie	4	* *	5	* *	2	* *	3	* *	4	* *
McLean	17	* *	27	* *	5	* *	12	* *	24	* *
Mercer	12	* *	17	* *	5	* *	10	* *	16	* *
Morton	86	* *	104	25.0 (3)	28	* *	66	* *	102	9.8 (3)
Mountrail	2	* *	2	* *	0	* *	0	* *	2	* *

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) Among women who smoked 3 months prior to pregnancy.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 7B**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Nelson	8	* *	9	* *	4	* *	7	* *	8	* *
Pembina	36	* *	38	* *	10	* *	29	* *	36	* *
Pierce	16	* *	21	* *	2	* *	9	* *	19	* *
Ramsey	69	* *	87	* *	24	* *	45	* *	87	* *
Ransom	30	* *	34	* *	13	* *	22	* *	34	* *
Renville	2	* *	2	* *	0	* *	2	* *	3	* *
Richland	69	* *	79	* *	27	* *	55	* *	78	* *
Rolette	254	66.1 (6)	266	38.0 (9)	120	31.7 (4)	186	25.3 (5)	262	9.5 (2)
Sargent	10	* *	13	* *	3	* *	6	* *	13	* *
Sheridan	6	* *	4	* *	1	* *	4	* *	2	* *
Stark	89	* *	101	27.7 (6)	20	* *	60	* *	98	* *
Steele	3	* *	0	* *	0	* *	3	* *	1	* *
Stutsman	86	* *	87	* *	32	* *	61	* *	79	* *
Towner	4	* *	5	* *	0	* *	3	* *	5	* *
Traill	36	* *	24	* *	3	* *	17	* *	20	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

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

**Table 7B**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**

<b>Comparison of Smoking Indicators</b> (2, 3)										
<b>County</b>	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Walsh	87	* *	91	* *	18	* *	69	* *	90	* *
Ward	405	38.5 (1)	464	20.9 (2)	102	32.4 (3)	300	20.0 (3)	449	15.8 (5)
Wells	8	* *	10	* *	4	* *	8	* *	9	* *
Williams	98	* *	108	31.5 (8)	33	* *	65	* *	100	16.0 (6)
<b>North Dakota</b>	<b>3,110</b>	<b>48.1</b>	<b>3,500</b>	<b>25.9</b>	<b>938</b>	<b>34.6</b>	<b>2,257</b>	<b>21.2</b>	<b>3,355</b>	<b>14.8</b>
<b>Nation (Prior Year)</b>	<b>847,411</b>	<b>27.2</b>	<b>692,984</b>	<b>16.8</b>	<b>156,923</b>	<b>35.0</b>	<b>514,582</b>	<b>22.5</b>	<b>443,951</b>	<b>24.1</b>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) Among women who smoked 3 months prior to pregnancy.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**

Comparison of Infant Health Indicators <sup>(2, 3)</sup>										
County	Birthweight				Preterm <sup>(6)</sup>		Full Term LBW <sup>(7)</sup>		Ever Breastfed	
	Low <sup>(4)</sup>		High <sup>(5)</sup>		Number	%	Number	%	Number	%
	Number	% (Rank)	% (Rank)	Number						
Adams	6	* * * *	* * * *	4	* *	2	* *	6	* *	
Barnes	25	* * * *	* * * *	17	* *	16	* *	25	* *	
Benson	107	4.7 (1)	25.2 (6)	80	* *	64	* *	107	3.7 (6)	
Bottineau	6	* * * *	* * * *	5	* *	5	* *	6	* *	
Bowman	9	* * * *	* * * *	6	* *	4	* *	9	* *	
Burke	2	* * * *	* * * *	1	* *	1	* *	2	* *	
Burleigh	361	10.0 (6)	9.1 (1)	279	14.3 (4)	239	3.8 (5)	367	20.2 (4)	
Cass	233	8.6 (4)	12.4 (5)	191	14.7 (5)	163	2.5 (2)	237	27.4 (1)	
Cavalier	7	* * * *	* * * *	5	* *	5	* *	7	* *	
Dickey	17	* * * *	* * * *	13	* *	10	* *	17	* *	
Divide	6	* * * *	* * * *	4	* *	4	* *	6	* *	
Dunn	0	* * * *	* * * *	0	* *	0	* *	0	* *	
Eddy	4	* * * *	* * * *	4	* *	4	* *	4	* *	
Emmons	26	* * * *	* * * *	21	* *	21	* *	26	* *	

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one county's rate to other counties. Rank 1 = best rate.
- (4) <2500 g.
- (5) >4000 g.
- (6) <37 weeks gestation.
- (7) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**

Comparison of Infant Health Indicators <sup>(2, 3)</sup>										
County	Birthweight				Preterm <sup>(6)</sup>		Full Term LBW <sup>(7)</sup>		Ever Breastfed	
	Low <sup>(4)</sup>		High <sup>(5)</sup>		Number	% <sup>(Rank)</sup>	Number	% <sup>(Rank)</sup>	Number	% <sup>(Rank)</sup>
	Number	% <sup>(Rank)</sup>	% <sup>(Rank)</sup>							
Foster	18	* * * *			17	* *	17	* *	18	* *
Golden Val	3	* * * *			1	* *	0	* *	3	* *
Grand Fork	214	5.6 (2)	10.3 (2)		143	14.0 (3)	123	1.6 (1)	217	24.4 (3)
Grant	2	* * * *			1	* *	1	* *	2	* *
Griggs	7	* * * *			5	* *	5	* *	7	* *
Hettinger	1	* * * *			0	* *	0	* *	1	* *
Kidder	10	* * * *			9	* *	8	* *	10	* *
LaMoure	8	* * * *			4	* *	4	* *	8	* *
Logan	1	* * * *			0	* *	0	* *	1	* *
McHenry	12	* * * *			6	* *	6	* *	12	* *
McIntosh	1	* * * *			1	* *	1	* *	1	* *
McKenzie	1	* * * *			1	* *	1	* *	1	* *
McLean	19	* * * *			9	* *	8	* *	19	* *
Mercer	16	* * * *			13	* *	12	* *	16	* *

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) <2500 g.  
(5) >4000 g.  
(6) <37 weeks gestation.  
(7) 37 or more weeks gestation and <2500 g.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**

Comparison of Infant Health Indicators <sup>(2, 3)</sup>														
County	Birthweight				Preterm <sup>(6)</sup>		Full Term LBW <sup>(7)</sup>		Ever Breastfed					
	Low <sup>(4)</sup>		High <sup>(5)</sup>		Number	%	Number	%	Number	%				
	Number	% (Rank)	% (Rank)	(Rank)							(Rank)	(Rank)	(Rank)	
Morton	97	*	*	*	*	70	*	*	60	*	*	99	*	*
Mountrail	1	*	*	*	*	1	*	*	1	*	*	1	*	*
Nelson	3	*	*	*	*	2	*	*	2	*	*	3	*	*
Pembina	22	*	*	*	*	18	*	*	15	*	*	22	*	*
Pierce	17	*	*	*	*	14	*	*	12	*	*	19	*	*
Ramsey	68	*	*	*	*	49	*	*	44	*	*	70	*	*
Ransom	23	*	*	*	*	18	*	*	17	*	*	23	*	*
Renville	3	*	*	*	*	2	*	*	1	*	*	3	*	*
Richland	43	*	*	*	*	37	*	*	33	*	*	43	*	*
Rolette	144	9.0	(5)	11.8	(4)	130	9.2	(1)	118	3.4	(4)	154	14.9	(5)
Sargent	12	*	*	*	*	8	*	*	8	*	*	12	*	*
Sheridan	2	*	*	*	*	2	*	*	2	*	*	2	*	*
Stark	46	*	*	*	*	32	*	*	28	*	*	47	*	*
Steele	0	*	*	*	*	0	*	*	0	*	*	0	*	*

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one county's rate to other counties. Rank 1 = best rate.
- (4) <2500 g.
- (5) >4000 g.
- (6) <37 weeks gestation.
- (7) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**

<b>Comparison of Infant Health Indicators</b> <sup>(2, 3)</sup>														
<b>County</b>	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed					
	Low (4)		High (5)											
	Number	%	%	%	Number	%	Number	%	Number	%				
	(Rank)	(Rank)	(Rank)	(Rank)	(Rank)	(Rank)	(Rank)	(Rank)	(Rank)	(Rank)				
Stutsman	18	*	*	*	*	15	*	*	15	*	*	18	*	*
Towner	4	*	*	*	*	2	*	*	2	*	*	4	*	*
Traill	13	*	*	*	*	2	*	*	1	*	*	13	*	*
Walsh	41	*	*	*	*	36	*	*	32	*	*	43	*	*
Ward	238	7.1	(3)	10.9	(3)	184	12.0	(2)	162	2.5	(2)	242	24.8	(2)
Wells	8	*	*	*	*	6	*	*	5	*	*	8	*	*
Williams	5	*	*	*	*	3	*	*	2	*	*	5	*	*
<b>North Dakota</b>	<b>1,930</b>	<b>7.9</b>		<b>11.6</b>		<b>1,471</b>	<b>12.7</b>		<b>1,284</b>	<b>2.6</b>		<b>1,966</b>	<b>21.8</b>	
<b>Nation (Prior Year)</b>	<b>972,241</b>	<b>8.3</b>		<b>6.8</b>		<b>873,261</b>	<b>12.1</b>		<b>802,123</b>	<b>3.7</b>		<b>897,379</b>	<b>64.2</b>	

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) <2500 g.  
(5) >4000 g.  
(6) <37 weeks gestation.  
(7) 37 or more weeks gestation and <2500 g.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 3B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Racial and Ethnic Distribution by County**  
**Combined 3 Years**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>White, Not Hispanic %</b>	<b>Black, Not Hispanic %</b>	<b>Hispanic %</b>	<b>American Indian/Alaskan Native %</b>	<b>Asian/Pacific Islander %</b>	<b>Multiple Races %</b>	<b>All Other/Unknown %</b>
Adams	13	*	*	*	*	*	*	*
Barnes	52	*	*	*	*	*	*	*
Benson	234	12.4	0.0	0.4	85.9	0.4	0.9	0.0
Bottineau	22	*	*	*	*	*	*	*
Bowman	14	*	*	*	*	*	*	*
Burke	4	*	*	*	*	*	*	*
Burleigh	533	64.5	0.8	3.0	28.3	0.9	2.4	0.0
Cass	1,125	73.6	8.2	4.5	10.0	1.9	1.3	0.5
Cavalier	54	*	*	*	*	*	*	*
Dickey	30	*	*	*	*	*	*	*
Divide	8	*	*	*	*	*	*	*
Dunn	3	*	*	*	*	*	*	*
Eddy	7	*	*	*	*	*	*	*
Emmons	39	*	*	*	*	*	*	*
Foster	30	*	*	*	*	*	*	*
Golden Val	6	*	*	*	*	*	*	*
Grand Fork	640	70.5	3.3	10.0	11.4	1.4	3.4	0.0
Grant	4	*	*	*	*	*	*	*
Griggs	22	*	*	*	*	*	*	*
Hettinger	4	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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



**Table 3B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Racial and Ethnic Distribution by County**  
**Combined 3 Years**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>White, Not Hispanic</b>	<b>Black, Not Hispanic</b>	<b>Hispanic</b>	<b>American Indian/Alaskan Native</b>	<b>Asian/Pacific Islander</b>	<b>Multiple Races</b>	<b>All Other/Unknown</b>
		%	%	%	%	%	%	%
Kidder	13	*	*	*	*	*	*	*
LaMoure	17	*	*	*	*	*	*	*
Logan	3	*	*	*	*	*	*	*
McHenry	14	*	*	*	*	*	*	*
McIntosh	28	*	*	*	*	*	*	*
McKenzie	6	*	*	*	*	*	*	*
McLean	166	73.5	7.8	1.8	13.3	3.6	0.0	0.0
Mercer	35	*	*	*	*	*	*	*
Morton	221	81.4	0.5	2.7	13.1	1.4	0.9	0.0
Mountrail	13	*	*	*	*	*	*	*
Nelson	20	*	*	*	*	*	*	*
Pembina	92	*	*	*	*	*	*	*
Pierce	47	*	*	*	*	*	*	*
Ramsey	203	67.5	0.0	2.5	26.6	1.0	2.5	0.0
Ransom	89	*	*	*	*	*	*	*
Renville	9	*	*	*	*	*	*	*
Richland	217	75.6	0.5	10.1	11.5	2.3	0.0	0.0
Rolette	591	4.4	0.0	2.7	90.4	0.3	1.9	0.3
Sargent	425	78.1	3.1	7.5	9.4	1.9	0.0	0.0
Sheridan	10	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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



**Table 3B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Racial and Ethnic Distribution by County**  
**Combined 3 Years**

<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>White, Not Hispanic %</b>	<b>Black, Not Hispanic %</b>	<b>Hispanic %</b>	<b>American Indian/Alaskan Native %</b>	<b>Asian/Pacific Islander %</b>	<b>Multiple Races %</b>	<b>All Other/Unknown %</b>
Stark	204	86.8	1.0	9.8	2.5	0.0	0.0	0.0
Steele	7	*	*	*	*	*	*	*
Stutsman	189	89.9	0.5	7.9	1.1	0.5	0.0	0.0
Towner	18	*	*	*	*	*	*	*
Traill	92	*	*	*	*	*	*	*
Walsh	219	59.8	0.0	37.0	3.2	0.0	0.0	0.0
Ward	1,527	78.2	5.9	5.4	7.3	1.7	1.4	0.1
Wells	25	*	*	*	*	*	*	*
Williams	255	80.0	0.4	2.0	11.8	0.8	5.1	0.0
Unknown Counties	17	*	*	*	*	*	*	*
<b>North Dakota</b>	<b>7,616</b>	<b>69.0</b>	<b>3.2</b>	<b>6.2</b>	<b>18.8</b>	<b>1.2</b>	<b>1.4</b>	<b>0.1</b>

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

(2) Excludes data with errors.

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

**Table 4B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Age Distribution by County**  
**Combined 3 Years**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>&lt; 15 Years %</b>	<b>15 - 17 Years %</b>	<b>18 - 19 Years %</b>	<b>20 - 29 Years %</b>	<b>30 - 39 Years %</b>	<b>&gt;= 40 Years %</b>	<b>Unknown %</b>
Adams	13	*	*	*	*	*	*	*
Barnes	52	*	*	*	*	*	*	*
Benson	234	1.7	11.1	15.4	56.4	14.1	1.3	0.0
Bottineau	22	*	*	*	*	*	*	*
Bowman	14	*	*	*	*	*	*	*
Burke	4	*	*	*	*	*	*	*
Burleigh	533	0.0	3.8	15.0	68.1	12.6	0.4	0.2
Cass	1,125	0.4	4.7	13.2	65.2	14.8	1.2	0.4
Cavalier	54	*	*	*	*	*	*	*
Dickey	30	*	*	*	*	*	*	*
Divide	8	*	*	*	*	*	*	*
Dunn	3	*	*	*	*	*	*	*
Eddy	7	*	*	*	*	*	*	*
Emmons	39	*	*	*	*	*	*	*
Foster	30	*	*	*	*	*	*	*
Golden Val	6	*	*	*	*	*	*	*
Grand Fork	640	0.2	3.6	11.7	69.8	13.4	1.3	0.0
Grant	4	*	*	*	*	*	*	*
Griggs	22	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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

**Table 4B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Age Distribution by County**  
**Combined 3 Years**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>&lt; 15 Years %</b>	<b>15 - 17 Years %</b>	<b>18 - 19 Years %</b>	<b>20 - 29 Years %</b>	<b>30 - 39 Years %</b>	<b>&gt;= 40 Years %</b>	<b>Unknown %</b>
Hettinger	4	*	*	*	*	*	*	*
Kidder	13	*	*	*	*	*	*	*
LaMoure	17	*	*	*	*	*	*	*
Logan	3	*	*	*	*	*	*	*
McHenry	14	*	*	*	*	*	*	*
McIntosh	28	*	*	*	*	*	*	*
McKenzie	6	*	*	*	*	*	*	*
McLean	166	0.0	2.4	11.4	67.5	17.5	1.2	0.0
Mercer	35	*	*	*	*	*	*	*
Morton	221	0.0	3.6	10.9	67.4	17.2	0.5	0.5
Mountrail	13	*	*	*	*	*	*	*
Nelson	20	*	*	*	*	*	*	*
Pembina	92	*	*	*	*	*	*	*
Pierce	47	*	*	*	*	*	*	*
Ramsey	203	0.5	4.4	17.7	62.6	13.3	1.0	0.5
Ransom	89	*	*	*	*	*	*	*
Renville	9	*	*	*	*	*	*	*
Richland	217	0.0	6.0	12.4	64.1	17.5	0.0	0.0
Rolette	591	1.0	10.2	15.7	58.4	13.4	1.4	0.0

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

(2) Excludes data with errors.

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

**Table 4B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Age Distribution by County**  
**Combined 3 Years**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
<b>County</b>	<b>Number Included in Analysis</b>	<b>&lt; 15 Years %</b>	<b>15 - 17 Years %</b>	<b>18 - 19 Years %</b>	<b>20 - 29 Years %</b>	<b>30 - 39 Years %</b>	<b>&gt;= 40 Years %</b>	<b>Unknown %</b>
Sargent	425	0.0	3.8	11.3	71.3	12.5	0.9	0.2
Sheridan	10	*	*	*	*	*	*	*
Stark	204	0.0	5.4	10.3	67.2	15.7	1.0	0.5
Steele	7	*	*	*	*	*	*	*
Stutsman	189	0.5	5.3	12.2	65.6	16.4	0.0	0.0
Towner	18	*	*	*	*	*	*	*
Traill	92	*	*	*	*	*	*	*
Walsh	219	0.0	7.3	12.3	62.1	16.4	1.4	0.5
Ward	1,527	0.0	3.5	12.4	72.0	11.3	0.6	0.1
Wells	25	*	*	*	*	*	*	*
Williams	255	0.4	7.1	11.4	69.0	11.4	0.8	0.0
Unknown Counties	17	*	*	*	*	*	*	*
<b>North Dakota</b>	<b>7,616</b>	<b>0.3</b>	<b>4.9</b>	<b>12.7</b>	<b>66.6</b>	<b>14.3</b>	<b>1.0</b>	<b>0.2</b>

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

(2) Excludes data with errors.

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

**Table 5B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**  
**Combined 3 Years**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>															
<b>County</b>	Prepregnancy BMI (4)				Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under- weight		Over- weight		< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	%	%	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Adams	13	* * * *	* *	* *	10	* * * *	* *	3	* *	6	* *	8	* *	8	* *
Barnes	42	* * * *	* *	* *	26	* * * *	* *	11	* *	39	* *	36	* *	36	* *
Benson	212	9.9 (6)	47.2 (6)		170	17.1 (10)	47.1 (4)	35	* *	95	* *	114	6.1 (6)	114	12.3(6)
Bottineau	21	* * * *	* *	* *	16	* * * *	* *	7	* *	18	* *	16	* *	16	* *
Bowman	12	* * * *	* *	* *	12	* * * *	* *	2	* *	12	* *	13	* *	13	* *
Burke	2	* * * *	* *	* *	1	* * * *	* *	0	* *	2	* *	3	* *	3	* *
Burleigh	468	10.0 (8)	44.7 (4)		376	18.9 (15)	47.3 (5)	80	* *	403	19.9 (5)	403	6.9 (8)	403	9.9(4)
Cass	972	10.3 (9)	47.3 (7)		791	18.2 (14)	47.9 (6)	181	30.4 (2)	811	27.7 (8)	679	6.3 (7)	680	6.5(1)
Cavalier	53	* * * *	* *	* *	39	* * * *	* *	5	* *	27	* *	8	* *	8	* *
Dickey	25	* * * *	* *	* *	23	* * * *	* *	4	* *	24	* *	18	* *	18	* *
Divide	7	* * * *	* *	* *	6	* * * *	* *	1	* *	6	* *	7	* *	7	* *
Dunn	3	* * * *	* *	* *	3	* * * *	* *	0	* *	0	* *	2	* *	2	* *
Eddy	7	* * * *	* *	* *	7	* * * *	* *	0	* *	5	* *	6	* *	6	* *
Emmons	33	* * * *	* *	* *	28	* * * *	* *	4	* *	14	* *	28	* *	28	* *
Foster	28	* * * *	* *	* *	24	* * * *	* *	4	* *	18	* *	20	* *	20	* *
Golden Val	6	* * * *	* *	* *	4	* * * *	* *	0	* *	4	* *	3	* *	3	* *
Grand Fork	462	7.4 (2)	47.6 (8)		322	13.0 (4)	56.8 (15)	78	* *	423	27.4 (7)	444	4.7 (3)	445	15.3(9)

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. 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.



**Table 5B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**  
**Combined 3 Years**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>															
<b>County</b>	Prepregnancy BMI (4)				Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under- weight		Over- weight		< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	%	%	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Grant	4	* * * *	* *	* *	2	* * * *	* *	0	* *	2	* *	3	* *	3	* *
Griggs	20	* * * *	* *	* *	14	* * * *	* *	3	* *	9	* *	12	* *	12	* *
Hettinger	4	* * * *	* *	* *	2	* * * *	* *	0	* *	1	* *	1	* *	1	* *
Kidder	10	* * * *	* *	* *	9	* * * *	* *	2	* *	10	* *	12	* *	12	* *
LaMoure	13	* * * *	* *	* *	10	* * * *	* *	2	* *	8	* *	9	* *	9	* *
Logan	3	* * * *	* *	* *	3	* * * *	* *	1	* *	2	* *	3	* *	3	* *
McHenry	13	* * * *	* *	* *	11	* * * *	* *	1	* *	11	* *	13	* *	13	* *
McIntosh	23	* * * *	* *	* *	17	* * * *	* *	4	* *	14	* *	7	* *	7	* *
McKenzie	5	* * * *	* *	* *	5	* * * *	* *	1	* *	5	* *	5	* *	5	* *
McLean	148	7.4 (2)	44.6 (3)		101	12.9 (3)	53.5 (14)	24	* *	91	* *	27	* *	26	* *
Mercer	32	* * * *	* *	* *	27	* * * *	* *	3	* *	21	* *	18	* *	18	* *
Morton	192	6.8 (1)	51.0 (13)		152	17.1 (10)	48.7 (8)	36	* *	142	18.3 (3)	104	4.8 (4)	104	12.5(7)
Mountrail	10	* * * *	* *	* *	8	* * * *	* *	2	* *	9	* *	3	* *	3	* *
Nelson	17	* * * *	* *	* *	16	* * * *	* *	6	* *	13	* *	9	* *	9	* *
Pembina	84	* * * *	* *	* *	49	* * * *	* *	8	* *	48	* *	38	* *	38	* *
Pierce	44	* * * *	* *	* *	34	* * * *	* *	5	* *	32	* *	21	* *	21	* *
Ramsey	184	15.8 (15)	48.9 (9)		152	13.2 (5)	46.7 (2)	28	* *	153	28.8(10)	83	* *	83	* *

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. 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.

**Table 5B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Health Indicators by County**  
**Combined 3 Years**

<b>Comparison of Maternal Health Indicators</b> <sup>(2, 3)</sup>															
<b>County</b>	Prepregnancy BMI (4)				Weight Gain (5)			Anemia (Low Hb/Hct) (6)				Gestational Diabetes During Pregnancy	Hypertension During Pregnancy		
	Under- weight		Over- weight		< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	%	%	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Ransom	82	* * * *	* *	* *	70	* * * *	* *	14	* *	60	* *	33	* *	33	* *
Renville	8	* * * *	* *	* *	6	* * * *	* *	0	* *	4	* *	3	* *	3	* *
Richland	192	9.9 (6)	49.0 (10)		148	12.8 (2)	48.0 (7)	30	* *	126	33.3 (11)	78	* *	78	* *
Rolette	567	7.9 (4)	55.4 (15)		479	14.8 (6)	49.3 (10)	65	* *	384	28.4 (9)	264	4.9 (5)	264	7.6 (2)
Sargent	392	10.5 (10)	43.6 (1)		228	17.1 (10)	50.4 (11)	51	* *	229	37.6 (12)	13	* *	13	* *
Sheridan	9	* * * *	* *	* *	5	* * * *	* *	1	* *	4	* *	2	* *	2	* *
Stark	190	13.7 (14)	44.7 (4)		148	16.2 (7)	52.0 (13)	32	* *	93	* *	100	3.0 (1)	100	12.0 (5)
Steele	6	* * * *	* *	* *	5	* * * *	* *	1	* *	3	* *	1	* *	1	* *
Stutsman	173	9.8 (5)	50.3 (12)		109	10.1 (1)	50.5 (12)	21	* *	137	14.6 (2)	87	* *	87	* *
Towner	15	* * * *	* *	* *	10	* * * *	* *	1	* *	11	* *	5	* *	5	* *
Traill	68	* * * *	* *	* *	26	* * * *	* *	11	* *	38	* *	25	* *	25	* *
Walsh	206	12.1 (13)	53.4 (14)		135	17.0 (9)	46.7 (2)	20	* *	125	19.2 (4)	86	* *	86	* *
Ward	1,387	10.9 (12)	44.4 (2)		1,076	16.3 (8)	49.2 (9)	231	20.8 (1)	1,017	24.7 (6)	464	4.1 (2)	463	8.0 (3)
Wells	25	* * * *	* *	* *	20	* * * *	* *	0	* *	15	* *	10	* *	10	* *
Williams	217	10.6 (11)	49.3 (11)		168	17.3 (13)	43.5 (1)	37	* *	179	6.7 (1)	112	8.0 (9)	112	13.4 (8)
Unknown Counties	16	* * * *	* *	* *	11	* * * *	* *	2	* *	11	* *	0	* *	0	* *
<b>North Dakota</b>	<b>6,725</b>	<b>10.2</b>	<b>47.6</b>		<b>5,114</b>	<b>16.2</b>	<b>48.9</b>	<b>1,058</b>	<b>23.5</b>	<b>4,914</b>	<b>24.7</b>	<b>3,459</b>	<b>5.5</b>	<b>3,459</b>	<b>9.9</b>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. 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.

**Table 6B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Behavioral Indicators by County**  
**Combined 3 Years**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>										
<b>County</b>	<b>Medical Care</b>				<b>WIC Enrollment</b>		<b>Multivitamin Consumption</b>			
	<b>1st Trimester</b>		<b>No Care</b>		<b>1st Trimester</b>		<b>Prepregnancy</b> (4)		<b>During Pregnancy</b> (5)	
	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>
Adams	10	* *	* *	* *	11	* *	5	* *	3	* *
Barnes	26	* *	* *	* *	41	* *	25	* *	19	* *
Benson	179	66.5 (15)	1.7 (11)		201	33.3 (15)	112	17.9 (4)	74	* *
Bottineau	14	* *	* *	* *	20	* *	17	* *	13	* *
Bowman	8	* *	* *	* *	9	* *	7	* *	6	* *
Burke	0	* *	* *	* *	3	* *	4	* *	1	* *
Burleigh	281	85.4 (11)	2.1 (14)		422	45.5 (4)	341	19.4 (3)	215	5.1 (3)
Cass	653	85.8 (9)	0.2 (4)		935	39.7 (13)	538	16.7 (5)	375	10.9 (1)
Cavalier	38	* *	* *	* *	48	* *	8	* *	4	* *
Dickey	14	* *	* *	* *	25	* *	21	* *	18	* *
Divide	6	* *	* *	* *	6	* *	3	* *	5	* *
Dunn	1	* *	* *	* *	3	* *	3	* *	2	* *
Eddy	3	* *	* *	* *	6	* *	5	* *	3	* *
Emmons	22	* *	* *	* *	31	* *	24	* *	12	* *
Foster	24	* *	* *	* *	27	* *	17	* *	15	* *
Golden Val	1	* *	* *	* *	4	* *	2	* *	2	* *
Grand Fork	274	88.3 (7)	0.0 (1)		463	48.4 (3)	421	21.6 (2)	264	4.5 (4)
Grant	2	* *	* *	* *	3	* *	2	* *	2	* *
Griggs	15	* *	* *	* *	19	* *	12	* *	8	* *
Hettinger	1	* *	* *	* *	3	* *	1	* *	0	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

**Table 6B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Behavioral Indicators by County**  
**Combined 3 Years**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>										
<b>County</b>	<b>Medical Care</b>				<b>WIC Enrollment</b>		<b>Multivitamin Consumption</b>			
	<b>1st Trimester</b>		<b>No Care</b>		<b>1st Trimester</b>		<b>Prepregnancy</b> (4)		<b>During Pregnancy</b> (5)	
	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>
Kidder	10	* *	* *	* *	10	* *	12	* *	9	* *
LaMoure	9	* *	* *	* *	11	* *	8	* *	5	* *
Logan	2	* *	* *	* *	2	* *	2	* *	2	* *
McHenry	5	* *	* *	* *	8	* *	9	* *	6	* *
McIntosh	18	* *	* *	* *	23	* *	14	* *	10	* *
McKenzie	2	* *	* *	* *	5	* *	4	* *	3	* *
McLean	113	85.8 (9)	0.0 (1)		143	41.3 (11)	17	* *	10	* *
Mercer	24	* *	* *	* *	29	* *	15	* *	11	* *
Morton	146	84.9 (12)	0.7 (6)		173	38.2 (14)	85	* *	61	* *
Mountrail	12	* *	* *	* *	13	* *	3	* *	1	* *
Nelson	17	* *	* *	* *	15	* *	8	* *	7	* *
Pembina	71	* *	* *	* *	83	* *	36	* *	29	* *
Pierce	36	* *	* *	* *	42	* *	16	* *	9	* *
Ramsey	145	82.1 (13)	0.0 (1)		178	41.6 (9)	68	* *	44	* *
Ransom	67	* *	* *	* *	75	* *	31	* *	21	* *
Renville	7	* *	* *	* *	5	* *	2	* *	1	* *
Richland	148	90.5 (3)	2.0 (12)		189	41.8 (8)	69	* *	50	* *
Rolette	459	80.6 (14)	2.0 (12)		563	51.7 (2)	260	10.0 (6)	156	3.2 (5)
Sargent	336	91.4 (2)	1.2 (10)		395	45.1 (5)	10	* *	6	* *
Sheridan	6	* *	* *	* *	8	* *	7	* *	4	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

**Table 6B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Maternal Behavioral Indicators by County**  
**Combined 3 Years**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2, 3)</sup>														
<b>County</b>	Medical Care				WIC Enrollment			Multivitamin Consumption						
	1st Trimester		No Care		1st Trimester			Pregnancy (4)		During Pregnancy (5)				
	Number	% (Rank)	%	% (Rank)	Number	%	% (Rank)	Number	%	% (Rank)				
Stark	107	86.9 (8)	0.9	(9)	148	39.9	(12)	86	*	*	53	*	*	
Steele	6	*	*	*	*	5	*	*	3	*	*	2	*	*
Stutsman	137	92.0 (1)	0.7	(6)	171	43.3	(7)	86	*	*	56	*	*	
Towner	9	*	*	*	*	14	*	*	4	*	*	3	*	*
Traill	50	*	*	*	*	61	*	*	36	*	*	18	*	*
Walsh	135	90.4 (4)	0.7	(6)	201	53.7	(1)	87	*	*	47	*	*	
Ward	1,103	88.9 (5)	0.4	(5)	1,310	41.4	(10)	416	24.3	(1)	280	5.7	(2)	
Wells	19	*	*	*	*	21	*	*	8	*	*	8	*	*
Williams	177	88.7 (6)	2.8	(15)	216	43.5	(6)	57	*	*	65	*	*	
Unknown Counties	15	*	*	*	*	16	*	*	0	*	*	0	*	*
<b>North Dakota</b>	<b>4,963</b>	<b>86.5</b>	<b>1.0</b>		<b>6,413</b>	<b>43.7</b>		<b>3,027</b>	<b>21.8</b>		<b>2,018</b>	<b>7.1</b>		

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 7B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**  
**Combined 3 Years**

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	10	* *	9	* *	1	* *	7	* *	11	* *
Barnes	32	* *	38	* *	12	* *	29	* *	38	* *
Benson	203	53.7 (10)	199	26.1 (8)	81	* *	166	28.9 (11)	193	26.4 (14)
Bottineau	18	* *	16	* *	4	* *	15	* *	16	* *
Bowman	9	* *	13	* *	1	* *	8	* *	13	* *
Burke	4	* *	3	* *	0	* *	2	* *	3	* *
Burleigh	375	57.3 (12)	423	25.8 (6)	130	43.8 (1)	277	15.9 (2)	416	5.5 (1)
Cass	863	47.9 (5)	934	26.0 (7)	274	31.4 (5)	685	28.2 (10)	890	21.9 (11)
Cavalier	49	* *	42	* *	18	* *	38	* *	38	* *
Dickey	21	* *	25	* *	0	* *	15	* *	25	* *
Divide	6	* *	6	* *	2	* *	5	* *	6	* *
Dunn	3	* *	2	* *	1	* *	3	* *	1	* *
Eddy	5	* *	6	* *	3	* *	4	* *	5	* *
Emmons	29	* *	31	* *	1	* *	17	* *	31	* *
Foster	25	* *	28	* *	9	* *	21	* *	26	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

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

**Table 7B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**  
**Combined 3 Years**

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Golden Val	2	* *	3	* *	0	* *	2	* *	3	* *
Grand Fork	450	47.6 (4)	488	21.1 (3)	112	41.1 (3)	313	15.7 (1)	461	11.5 (2)
Grant	3	* *	3	* *	0	* *	3	* *	2	* *
Griggs	20	* *	18	* *	7	* *	14	* *	17	* *
Hettinger	3	* *	2	* *	0	* *	2	* *	2	* *
Kidder	12	* *	12	* *	6	* *	10	* *	11	* *
LaMoure	9	* *	14	* *	4	* *	6	* *	14	* *
Logan	2	* *	3	* *	1	* *	2	* *	3	* *
McHenry	9	* *	13	* *	4	* *	8	* *	13	* *
McIntosh	23	* *	19	* *	5	* *	18	* *	19	* *
McKenzie	4	* *	5	* *	2	* *	3	* *	4	* *
McLean	150	48.0 (6)	124	18.5 (1)	38	* *	124	27.4 (8)	119	22.7 (13)
Mercer	25	* *	30	* *	10	* *	18	* *	29	* *
Morton	176	56.3 (11)	185	33.5 (13)	56	* *	129	33.3 (14)	183	22.4 (12)
Mountrail	10	* *	12	* *	3	* *	5	* *	12	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

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

**Table 7B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**  
**Combined 3 Years**

Comparison of Smoking Indicators (2, 3)										
County	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Nelson	17	* *	17	* *	7	* *	14	* *	16	* *
Pembina	78	* *	65	* *	17	* *	65	* *	63	* *
Pierce	40	* *	41	* *	7	* *	27	* *	39	* *
Ramsey	173	52.0 (9)	173	28.3 (10)	60	* *	137	26.3 (7)	171	18.7 (6)
Ransom	77	* *	78	* *	29	* *	63	* *	78	* *
Renville	6	* *	6	* *	1	* *	5	* *	7	* *
Richland	170	50.6 (8)	177	31.1 (11)	62	* *	141	36.2 (15)	176	30.7 (15)
Rolette	551	65.5 (15)	526	42.6 (15)	265	27.5 (6)	450	30.4 (13)	519	13.5 (3)
Sargent	354	48.0 (6)	274	21.5 (4)	100	42.0 (2)	327	26.0 (6)	274	20.8 (9)
Sheridan	7	* *	5	* *	1	* *	4	* *	3	* *
Stark	157	42.0 (3)	149	27.5 (9)	32	* *	119	27.7 (9)	146	20.5 (8)
Steele	5	* *	2	* *	0	* *	5	* *	3	* *
Stutsman	162	58.0 (13)	161	32.3 (12)	68	* *	117	23.1 (3)	123	16.3 (4)
Towner	13	* *	12	* *	2	* *	11	* *	12	* *
Traill	67	* *	48	* *	8	* *	42	* *	44	* *

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

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

**Table 7B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** (1)  
**North Dakota**  
**Comparison of Smoking Indicators by County**  
**Combined 3 Years**

<b>Comparison of Smoking Indicators</b> (2, 3)										
<b>County</b>	<b>Smoking</b>				<b>Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (4)</b>		<b>Smoking in Household</b>			
	<b>3 Months Prior to Pregnancy</b>		<b>Last 3 Months of Pregnancy</b>				<b>Prenatal</b>		<b>Postpartum</b>	
	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>
Walsh	187	32.1 (1)	151	18.5 (1)	35	* *	155	23.2 (4)	149	18.1 (5)
Ward	1,263	40.9 (2)	1,255	21.7 (5)	352	36.9 (4)	1,027	25.5 (5)	1,166	19.0 (7)
Wells	22	* *	21	* *	9	* *	15	* *	19	* *
Williams	210	62.4 (14)	196	34.2 (14)	76	* *	158	29.7 (12)	188	21.3 (10)
Unknown Counties	15	* *	15	* *	7	* *	13	* *	14	* *
<b>North Dakota</b>	<b>6,124</b>	<b>48.4</b>	<b>6,078</b>	<b>26.3</b>	<b>1,923</b>	<b>36.1</b>	<b>4,844</b>	<b>26.3</b>	<b>5,814</b>	<b>18.5</b>

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

(2) Excludes records with unknown data or errors.

(3) Rank compares one county's rate to other counties. Rank 1 = best rate.

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

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

**Table 8B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**  
**Combined 3 Years**

Comparison of Infant Health Indicators <sup>(2, 3)</sup>										
County	Birthweight				Preterm <sup>(6)</sup>		Full Term LBW <sup>(7)</sup>		Ever Breastfed	
	Low <sup>(4)</sup>		High <sup>(5)</sup>		Number	% <sup>(Rank)</sup>	Number	% <sup>(Rank)</sup>	Number	% <sup>(Rank)</sup>
	Number	% <sup>(Rank)</sup>	% <sup>(Rank)</sup>							
Adams	10	* * * *			8	* *	6	* *	10	* *
Barnes	33	* * * *			27	* *	21	* *	34	* *
Benson	174	4.6 (1)	23.0 (12)		135	17.8 (11)	111	1.8 (4)	175	13.1 (12)
Bottineau	7	* * * *			7	* *	6	* *	9	* *
Bowman	9	* * * *			6	* *	4	* *	9	* *
Burke	2	* * * *			1	* *	1	* *	2	* *
Burleigh	389	9.5 (11)	9.3 (4)		303	13.9 (10)	260	3.5 (7)	398	21.4 (11)
Cass	493	9.1 (10)	9.5 (5)		421	13.1 (8)	366	3.8 (10)	497	43.7 (5)
Cavalier	36	* * * *			34	* *	30	* *	39	* *
Dickey	17	* * * *			13	* *	10	* *	17	* *
Divide	6	* * * *			4	* *	4	* *	6	* *
Dunn	0	* * * *			0	* *	0	* *	0	* *
Eddy	4	* * * *			4	* *	4	* *	4	* *
Emmons	30	* * * *			23	* *	23	* *	30	* *

- (1) Reporting period is January 1 through December 31.
- (2) Excludes records with unknown data or errors.
- (3) Rank compares one county's rate to other counties. Rank 1 = best rate.
- (4) <2500 g.
- (5) >4000 g.
- (6) <37 weeks gestation.
- (7) 37 or more weeks gestation and <2500 g.
- \* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**  
**Combined 3 Years**

Comparison of Infant Health Indicators <sup>(2, 3)</sup>										
County	Birthweight				Preterm <sup>(6)</sup>		Full Term LBW <sup>(7)</sup>		Ever Breastfed	
	Low <sup>(4)</sup>		High <sup>(5)</sup>		Number	%	Number	%	Number	%
	Number	% (Rank)	% (Rank)	Number						
Foster	24	* * * *	* * * *	24	* *	23	* *	26	* *	
Golden Val	3	* * * *	* * * *	1	* *	0	* *	3	* *	
Grand Fork	231	5.2 (2)	10.0 (7)	158	13.3 (9)	137	1.5 (2)	234	26.9 (9)	
Grant	2	* * * *	* * * *	1	* *	1	* *	2	* *	
Griggs	15	* * * *	* * * *	12	* *	11	* *	15	* *	
Hettinger	2	* * * *	* * * *	1	* *	1	* *	2	* *	
Kidder	10	* * * *	* * * *	9	* *	8	* *	10	* *	
LaMoure	9	* * * *	* * * *	5	* *	5	* *	9	* *	
Logan	1	* * * *	* * * *	0	* *	0	* *	1	* *	
McHenry	12	* * * *	* * * *	6	* *	6	* *	12	* *	
McIntosh	2	* * * *	* * * *	6	* *	1	* *	9	* *	
McKenzie	1	* * * *	* * * *	1	* *	1	* *	1	* *	
McLean	118	6.8 (6)	17.8 (11)	96	* *	87	* *	118	57.6 (1)	
Mercer	29	* * * *	* * * *	24	* *	22	* *	29	* *	

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) <2500 g.  
(5) >4000 g.  
(6) <37 weeks gestation.  
(7) 37 or more weeks gestation and <2500 g.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**  
**Combined 3 Years**

<b>Comparison of Infant Health Indicators</b> <sup>(2, 3)</sup>										
<b>County</b>	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)							
	Number	% (Rank)	%	(Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Morton	173	9.8 (12)	9.8	(6)	128	11.7 (4)	112	3.6 (8)	177	39.5 (8)
Mountrail	10	* * *	*	*	10	* *	6	* *	10	* *
Nelson	11	* * *	*	*	8	* *	7	* *	12	* *
Pembina	59	* * *	*	*	52	* *	45	* *	59	* *
Pierce	40	* * *	*	*	37	* *	33	* *	42	* *
Ramsey	152	5.3 (3)	14.5	(10)	131	9.2 (1)	118	0.0 (1)	155	43.9 (4)
Ransom	56	* * *	*	*	52	* *	36	* *	67	* *
Renville	8	* * *	*	*	4	* *	2	* *	8	* *
Richland	138	8.7 (8)	8.0	(1)	126	12.7 (6)	108	2.8 (5)	140	40.0 (7)
Rolette	264	8.0 (7)	12.5	(9)	247	12.1 (5)	216	3.7 (9)	275	25.1 (10)
Sargent	239	8.8 (9)	8.8	(2)	224	11.2 (3)	191	3.1 (6)	250	55.2 (2)
Sheridan	2	* * *	*	*	2	* *	2	* *	3	* *
Stark	93	* * *	*	*	72	* *	62	* *	95	* *
Steele	0	* * *	*	*	0	* *	0	* *	0	* *

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) <2500 g.  
(5) >4000 g.  
(6) <37 weeks gestation.  
(7) 37 or more weeks gestation and <2500 g.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 8B**  
**2005 - 2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**North Dakota**  
**Comparison of Infant Health Indicators by County**  
**Combined 3 Years**

<b>Comparison of Infant Health Indicators</b> <sup>(2, 3)</sup>										
<b>County</b>	<b>Birthweight</b>				<b>Preterm</b> (6)		<b>Full Term LBW</b> (7)		<b>Ever Breastfed</b>	
	<b>Low</b> (4)		<b>High</b> (5)							
	<b>Number</b>	<b>% (Rank)</b>	<b>% (Rank)</b>		<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>	<b>Number</b>	<b>% (Rank)</b>
Stutsman	69	* * * *	* * * *		84	* *	53	* *	89	* *
Towner	9	* * * *	* * * *		8	* *	6	* *	10	* *
Traill	40	* * * *	* * * *		21	* *	19	* *	40	* *
Walsh	109	6.4 (5)	11.9 (8)		100	13.0 (7)	86	* *	112	42.0 (6)
Ward	1,006	5.5 (4)	9.2 (3)		865	10.9 (2)	755	1.7 (3)	1,029	52.2 (3)
Wells	16	* * * *	* * * *		16	* *	12	* *	20	* *
Williams	95	* * * *	* * * *		81	* *	70	* *	96	* *
Unknown Counties	14	* * * *	* * * *		14	* *	12	* *	15	* *
<b>North Dakota</b>	<b>4,272</b>	<b>7.3</b>	<b>10.5</b>		<b>3,612</b>	<b>12.2</b>	<b>3,100</b>	<b>2.6</b>	<b>4,405</b>	<b>41.2</b>

(1) Reporting period is January 1 through December 31.  
(2) Excludes records with unknown data or errors.  
(3) Rank compares one county's rate to other counties. Rank 1 = best rate.  
(4) <2500 g.  
(5) >4000 g.  
(6) <37 weeks gestation.  
(7) 37 or more weeks gestation and <2500 g.  
\* Percentages are not calculated if <100 records are available for analysis after exclusions.

