

Table 3B
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Adams	5	*	*	*	*	*	*	*
Barnes	54	*	*	*	*	*	*	*
Benson	126	1.6	0.0	1.6	94.4	0.8	1.6	0.0
Bottineau	22	*	*	*	*	*	*	*
Bowman	10	*	*	*	*	*	*	*
Burke	6	*	*	*	*	*	*	*
Burleigh	451	64.7	1.6	4.9	23.7	0.9	4.2	0.0
Cass	862	67.6	16.0	4.9	5.3	3.0	3.1	0.0
Cavalier	15	*	*	*	*	*	*	*
Dickey	24	*	*	*	*	*	*	*
Divide	6	*	*	*	*	*	*	*
Dunn	2	*	*	*	*	*	*	*
Eddy	3	*	*	*	*	*	*	*
Emmons	16	*	*	*	*	*	*	*
Foster	10	*	*	*	*	*	*	*
Golden Val	7	*	*	*	*	*	*	*
Grand Fork	456	65.8	6.6	9.0	9.2	3.9	5.5	0.0
Grant	6	*	*	*	*	*	*	*
Griggs	13	*	*	*	*	*	*	*
Hettinger	5	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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



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		%	%	%	%	%	%	%
Kidder	7	*	*	*	*	*	*	*
LaMoure	3	*	*	*	*	*	*	*
Logan	5	*	*	*	*	*	*	*
McHenry	15	*	*	*	*	*	*	*
McIntosh	8	*	*	*	*	*	*	*
McKenzie	11	*	*	*	*	*	*	*
McLean	23	*	*	*	*	*	*	*
Mercer	23	*	*	*	*	*	*	*
Morton	128	75.8	1.6	6.3	13.3	0.0	3.1	0.0
Mountrail	3	*	*	*	*	*	*	*
Nelson	12	*	*	*	*	*	*	*
Pembina	26	*	*	*	*	*	*	*
Pierce	11	*	*	*	*	*	*	*
Ramsey	104	50.0	3.8	7.7	32.7	1.0	4.8	0.0
Ransom	28	*	*	*	*	*	*	*
Renville	1	*	*	*	*	*	*	*
Richland	107	73.8	0.9	9.3	14.0	1.9	0.0	0.0
Rolette	309	6.1	0.0	4.9	85.4	0.3	3.2	0.0
Sargent	10	*	*	*	*	*	*	*
Sheridan	9	*	*	*	*	*	*	*

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Stark	134	89.6	1.5	3.7	3.7	1.5	0.0	0.0
Steele	5	*	*	*	*	*	*	*
Stutsman	116	89.7	5.2	3.4	0.9	0.9	0.0	0.0
Towner	4	*	*	*	*	*	*	*
Traill	47	*	*	*	*	*	*	*
Walsh	92	*	*	*	*	*	*	*
Ward	486	78.0	3.5	7.8	6.0	0.6	4.1	0.0
Wells	23	*	*	*	*	*	*	*
Williams	126	80.2	0.0	5.6	5.6	0.0	7.1	1.6
North Dakota	3,975	65.0	5.4	7.1	17.6	1.5	3.3	0.1
Nation (Prior Year)	1,162,961	41.6	22.7	29.2	1.1	3.4	1.3	0.7

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Table 4B
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	5	*	*	*	*	*	*	*
Barnes	54	*	*	*	*	*	*	*
Benson	126	0.8	6.3	16.7	61.9	13.5	0.8	0.0
Bottineau	22	*	*	*	*	*	*	*
Bowman	10	*	*	*	*	*	*	*
Burke	6	*	*	*	*	*	*	*
Burleigh	451	0.4	4.4	15.1	63.4	15.5	1.1	0.0
Cass	862	0.0	3.2	9.9	66.6	19.0	1.3	0.0
Cavalier	15	*	*	*	*	*	*	*
Dickey	24	*	*	*	*	*	*	*
Divide	6	*	*	*	*	*	*	*
Dunn	2	*	*	*	*	*	*	*
Eddy	3	*	*	*	*	*	*	*
Emmons	16	*	*	*	*	*	*	*
Foster	10	*	*	*	*	*	*	*
Golden Val	7	*	*	*	*	*	*	*
Grand Fork	456	0.7	1.8	13.2	66.2	17.3	0.9	0.0
Grant	6	*	*	*	*	*	*	*
Griggs	13	*	*	*	*	*	*	*

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

(2) Excludes data with errors.

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Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	5	*	*	*	*	*	*	*
Kidder	7	*	*	*	*	*	*	*
LaMoure	3	*	*	*	*	*	*	*
Logan	5	*	*	*	*	*	*	*
McHenry	15	*	*	*	*	*	*	*
McIntosh	8	*	*	*	*	*	*	*
McKenzie	11	*	*	*	*	*	*	*
McLean	23	*	*	*	*	*	*	*
Mercer	23	*	*	*	*	*	*	*
Morton	128	0.0	1.6	14.8	64.8	18.0	0.8	0.0
Mountrail	3	*	*	*	*	*	*	*
Nelson	12	*	*	*	*	*	*	*
Pembina	26	*	*	*	*	*	*	*
Pierce	11	*	*	*	*	*	*	*
Ramsey	104	0.0	4.8	27.9	54.8	12.5	0.0	0.0
Ransom	28	*	*	*	*	*	*	*
Renville	1	*	*	*	*	*	*	*
Richland	107	0.0	8.4	16.8	57.9	16.8	0.0	0.0
Rolette	309	1.9	5.5	18.8	59.2	14.6	0.0	0.0

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Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Sargent	10	*	*	*	*	*	*	*
Sheridan	9	*	*	*	*	*	*	*
Stark	134	0.0	6.0	14.2	62.7	14.9	2.2	0.0
Steele	5	*	*	*	*	*	*	*
Stutsman	116	0.0	2.6	10.3	69.0	17.2	0.9	0.0
Towner	4	*	*	*	*	*	*	*
Traill	47	*	*	*	*	*	*	*
Walsh	92	*	*	*	*	*	*	*
Ward	486	0.2	1.6	15.2	70.4	11.3	1.2	0.0
Wells	23	*	*	*	*	*	*	*
Williams	126	0.0	4.8	19.0	50.8	25.4	0.0	0.0
North Dakota	3,975	0.3	3.7	13.8	64.3	16.9	1.0	0.0
Nation (Prior Year)	1,162,961	0.3	5.3	11.5	59.4	21.7	1.7	0.2

(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 5B
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County

Comparison of Maternal Health Indicators ^(2, 3)														
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)	% (Rank)	Number			% (Rank)	Number
Adams	3	* * * *		2	* * * *		0	* * *	3	* * *	3	* * *	3	* * *
Barnes	45	* * * *		44	* * * *		6	* * *	38	* * *	53	* * *	53	* * *
Benson	107	1.9 (2)	60.7 (7)	87	* * * *		21	* * *	73	* * *	101	5.9 (5)	100	15.0(6)
Bottineau	17	* * * *		17	* * * *		5	* * *	14	* * *	20	* * *	20	* * *
Bowman	9	* * * *		8	* * * *		0	* * *	4	* * *	8	* * *	8	* * *
Burke	6	* * * *		4	* * * *		1	* * *	4	* * *	4	* * *	4	* * *
Burleigh	405	3.7 (7)	55.8 (3)	348	15.5 (3)	50.9 (3)	70	* * *	312	23.4 (4)	392	6.9 (8)	394	10.9(3)
Cass	802	3.5 (6)	57.6 (6)	691	19.2 (4)	49.1 (2)	129	34.1 (1)	461	20.8 (3)	731	6.0 (6)	728	8.9(1)
Cavalier	12	* * * *		10	* * * *		1	* * *	5	* * *	12	* * *	11	* * *
Dickey	17	* * * *		16	* * * *		6	* * *	16	* * *	21	* * *	21	* * *
Divide	6	* * * *		5	* * * *		2	* * *	3	* * *	5	* * *	5	* * *
Dunn	1	* * * *		1	* * * *		1	* * *	1	* * *	2	* * *	2	* * *
Eddy	3	* * * *		3	* * * *		0	* * *	3	* * *	3	* * *	3	* * *
Emmons	14	* * * *		13	* * * *		1	* * *	10	* * *	15	* * *	15	* * *
Foster	9	* * * *		7	* * * *		2	* * *	7	* * *	10	* * *	10	* * *
Golden Val	7	* * * *		6	* * * *		1	* * *	2	* * *	4	* * *	4	* * *
Grand Fork	380	3.2 (5)	51.6 (1)	324	15.4 (2)	53.7 (5)	72	* * *	251	20.7 (2)	374	7.8 (9)	372	18.5(8)

(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 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
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	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum					
	Number	% (Rank)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Grant	6	* *	* *	3	* *	* *	2	* *	3	* *	4	* *	4	* *
Griggs	11	* *	* *	11	* *	* *	1	* *	7	* *	13	* *	13	* *
Hettinger	4	* *	* *	3	* *	* *	3	* *	1	* *	5	* *	4	* *
Kidder	7	* *	* *	6	* *	* *	0	* *	4	* *	6	* *	6	* *
LaMoure	3	* *	* *	2	* *	* *	0	* *	2	* *	2	* *	2	* *
Logan	4	* *	* *	4	* *	* *	1	* *	3	* *	5	* *	5	* *
McHenry	13	* *	* *	11	* *	* *	3	* *	7	* *	13	* *	13	* *
McIntosh	7	* *	* *	6	* *	* *	0	* *	5	* *	5	* *	5	* *
McKenzie	11	* *	* *	11	* *	* *	2	* *	10	* *	10	* *	10	* *
McLean	17	* *	* *	13	* *	* *	2	* *	17	* *	19	* *	19	* *
Mercer	20	* *	* *	18	* *	* *	7	* *	19	* *	20	* *	20	* *
Morton	107	3.7 (7)	69.2 (9)	92	* *	* *	16	* *	83	* *	115	3.5 (1)	115	10.4(2)
Mountrail	2	* *	* *	2	* *	* *	1	* *	3	* *	3	* *	3	* *
Nelson	10	* *	* *	10	* *	* *	3	* *	5	* *	9	* *	9	* *
Pembina	18	* *	* *	16	* *	* *	2	* *	10	* *	21	* *	21	* *
Pierce	11	* *	* *	11	* *	* *	1	* *	5	* *	11	* *	11	* *
Ramsey	102	2.9 (4)	56.9 (5)	85	* *	* *	16	* *	63	* *	90	* *	90	* *

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(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
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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)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Ransom	23	* *	* *	20	* *	* *	4	* *	7	* *	25	* *	25	* *
Renville	1	* *	* *	1	* *	* *	0	* *	1	* *	1	* *	1	* *
Richland	81	* *	* *	58	* *	* *	13	* *	54	* *	80	* *	80	* *
Rolette	280	3.9 (9)	64.3 (8)	264	25.0 (5)	48.1 (1)	24	* *	212	26.9 (5)	292	4.1 (3)	292	13.7(5)
Sargent	10	* *	* *	9	* *	* *	1	* *	3	* *	7	* *	7	* *
Sheridan	7	* *	* *	6	* *	* *	2	* *	3	* *	8	* *	8	* *
Stark	93	* *	* *	70	* *	* *	25	* *	54	* *	106	4.7 (4)	106	17.0(7)
Steele	3	* *	* *	3	* *	* *	1	* *	2	* *	5	* *	5	* *
Stutsman	95	* *	* *	83	* *	* *	22	* *	29	* *	101	4.0 (2)	98	* *
Towner	4	* *	* *	4	* *	* *	1	* *	2	* *	4	* *	4	* *
Traill	37	* *	* *	29	* *	* *	11	* *	26	* *	37	* *	36	* *
Walsh	84	* *	* *	71	* *	* *	7	* *	43	* *	67	* *	68	* *
Ward	397	2.5 (3)	53.7 (2)	326	14.7 (1)	53.1 (4)	81	* *	247	13.0 (1)	376	6.6 (7)	379	12.1(4)
Wells	22	* *	* *	22	* *	* *	2	* *	17	* *	22	* *	22	* *
Williams	112	1.8 (1)	56.3 (4)	90	* *	* *	22	* *	74	* *	89	* *	89	* *
North Dakota	3,445	3.0	57.9	2,946	17.2	51.6	594	27.6	2,228	21.5	3,329	6.5	3,323	12.5

(1) Reporting period is January 1 through December 31.
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(4) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(6) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.
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Comparison of Maternal Health Indicators ^(2, 3)														
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)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Nation (Prior Year)	1,106,370	4.5	53.4	835,927	21.5	48.0	164,201	33.9	346,981	28.1	419,956	5.2	467,675	6.3

- (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 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
- (5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
- (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
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators ^(2, 3)										
County	Medical Care				WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care		1st Trimester		Pregnancy ⁽⁴⁾		During Pregnancy ⁽⁵⁾	
	Number	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	4	* *	* *	* *	5	* *	4	* *	3	* *
Barnes	54	* *	* *	* *	46	* *	47	* *	42	* *
Benson	108	21.3 (3)	69.4 (3)		107	18.7 (9)	63	* *	87	* *
Bottineau	22	* *	* *	* *	17	* *	17	* *	9	* *
Bowman	9	* *	* *	* *	8	* *	8	* *	7	* *
Burke	4	* *	* *	* *	6	* *	3	* *	2	* *
Burleigh	403	14.6 (6)	83.4 (6)		418	39.0 (7)	365	18.6 (5)	312	98.4 (1)
Cass	771	16.7 (5)	82.0 (5)		774	41.6 (4)	598	24.4 (4)	561	90.7 (5)
Cavalier	13	* *	* *	* *	14	* *	15	* *	13	* *
Dickey	24	* *	* *	* *	16	* *	17	* *	15	* *
Divide	6	* *	* *	* *	6	* *	5	* *	4	* *
Dunn	2	* *	* *	* *	1	* *	1	* *	0	* *
Eddy	3	* *	* *	* *	3	* *	3	* *	3	* *
Emmons	15	* *	* *	* *	14	* *	14	* *	11	* *
Foster	10	* *	* *	* *	10	* *	7	* *	7	* *
Golden Val	6	* *	* *	* *	6	* *	7	* *	7	* *
Grand Fork	407	20.1 (4)	77.6 (4)		386	47.4 (3)	369	25.5 (3)	302	95.7 (2)
Grant	4	* *	* *	* *	6	* *	5	* *	5	* *
Griggs	13	* *	* *	* *	10	* *	11	* *	10	* *
Hettinger	5	* *	* *	* *	4	* *	4	* *	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.

(4) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



Table 6B
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators ^(2, 3)											
County	Medical Care				WIC Enrollment			Multivitamin Consumption			
	1st Trimester		No Care		1st Trimester			Pregnancy (4)		During Pregnancy (5)	
	Number	%	%	%	Number	%	%	Number	%	Number	%
		(Rank)	(Rank)	(Rank)		(Rank)		(Rank)		(Rank)	
Kidder	6	*	*	*	7	*	*	4	*	4	*
LaMoure	2	*	*	*	3	*	*	3	*	2	*
Logan	5	*	*	*	4	*	*	4	*	3	*
McHenry	14	*	*	*	13	*	*	8	*	12	*
McIntosh	8	*	*	*	7	*	*	7	*	7	*
McKenzie	11	*	*	*	11	*	*	4	*	4	*
McLean	19	*	*	*	18	*	*	19	*	14	*
Mercer	21	*	*	*	21	*	*	18	*	17	*
Morton	116	11.2	(7)	87.9	109	40.4	(6)	103	27.2	(1)	91
Mountrail	3	*	*	*	2	*	*	3	*	2	*
Nelson	12	*	*	*	10	*	*	9	*	7	*
Pembina	25	*	*	*	17	*	*	18	*	14	*
Pierce	11	*	*	*	11	*	*	8	*	7	*
Ramsey	92	*	*	*	101	48.5	(2)	87	*	82	*
Ransom	25	*	*	*	22	*	*	26	*	19	*
Renville	1	*	*	*	1	*	*	1	*	1	*
Richland	91	*	*	*	82	*	*	84	*	68	*
Rolette	292	3.1	(10)	95.5	285	56.5	(1)	293	13.7	(6)	221
Sargent	9	*	*	*	10	*	*	10	*	8	*
Sheridan	8	*	*	*	7	*	*	6	*	7	*

(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) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



Table 6B
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County

Comparison of Maternal Behavioral Indicators ^(2, 3)														
County	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	113	78.8 (1)	9.7	(1)	91	*	*	90	*	*	78	*	*	
Steele	5	*	*	*	*	3	*	*	4	*	*	3	*	*
Stutsman	107	5.6 (9)	94.4	(9)	95	*	*	96	*	*	88	*	*	
Towner	4	*	*	*	*	4	*	*	3	*	*	3	*	*
Trails	39	*	*	*	*	37	*	*	41	*	*	21	*	*
Walsh	81	*	*	*	*	86	*	*	79	*	*	55	*	*
Ward	429	32.4 (2)	62.7	(2)	407	40.8	(5)	384	26.3	(2)	336	92.9	(4)	
Wells	23	*	*	*	*	22	*	*	18	*	*	15	*	*
Williams	108	10.2 (8)	85.2	(7)	121	32.2	(8)	68	*	*	76	*	*	
North Dakota	3,563	21.2	75.8		3,464	42.0		3,061	23.8		2,669	94.4		
Nation (Prior Year)	429,770	83.1	4.1		1,074,863	36.0		380,154	19.2		418,448	85.0		

(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) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



Table 7B
2011 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	3	* *	3	* *	0	* *	4	* *	3	* *
Barnes	48	* *	53	* *	18	* *	45	* *	53	* *
Benson	102	57.8 (6)	101	35.6 (8)	41	* *	97	* *	98	* *
Bottineau	18	* *	20	* *	6	* *	14	* *	19	* *
Bowman	8	* *	8	* *	3	* *	8	* *	8	* *
Burke	3	* *	4	* *	0	* *	2	* *	4	* *
Burleigh	363	52.1 (5)	394	24.4 (5)	144	43.1 (1)	341	6.7 (1)	392	2.8 (3)
Cass	684	34.5 (1)	738	19.1 (1)	179	38.5 (3)	655	7.9 (2)	725	2.1 (2)
Cavalier	14	* *	12	* *	8	* *	13	* *	11	* *
Dickey	17	* *	21	* *	3	* *	15	* *	20	* *
Divide	6	* *	5	* *	4	* *	6	* *	3	* *
Dunn	1	* *	2	* *	0	* *	1	* *	2	* *
Eddy	3	* *	3	* *	1	* *	3	* *	3	* *
Emmons	14	* *	15	* *	2	* *	13	* *	15	* *
Foster	7	* *	10	* *	6	* *	7	* *	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) Among women who smoked 3 months prior to pregnancy.
* Percentages are not calculated if <100 records are available for analysis after exclusions.



Table 7B
2011 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)
Golden Val	7	* *	5	* *	2	* *	7	* *	5	* *
Grand Fork	359	40.4 (3)	368	21.7 (3)	107	35.5 (4)	338	9.2 (3)	340	3.5 (4)
Grant	5	* *	4	* *	1	* *	5	* *	4	* *
Griggs	10	* *	13	* *	4	* *	11	* *	13	* *
Hettinger	4	* *	5	* *	2	* *	4	* *	5	* *
Kidder	3	* *	6	* *	1	* *	3	* *	6	* *
LaMoure	3	* *	2	* *	1	* *	3	* *	2	* *
Logan	4	* *	5	* *	1	* *	2	* *	1	* *
McHenry	11	* *	13	* *	3	* *	12	* *	13	* *
McIntosh	7	* *	5	* *	3	* *	7	* *	6	* *
McKenzie	4	* *	10	* *	1	* *	3	* *	10	* *
McLean	18	* *	19	* *	5	* *	17	* *	18	* *
Mercer	18	* *	20	* *	9	* *	17	* *	20	* *
Morton	102	46.1 (4)	115	27.8 (7)	40	* *	95	* *	111	0.9 (1)
Mountrail	3	* *	3	* *	0	* *	2	* *	3	* *

- (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
2011 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	9	* *	9	* *	3	* *	9	* *	8	* *
Pembina	18	* *	21	* *	7	* *	17	* *	19	* *
Pierce	8	* *	11	* *	3	* *	8	* *	11	* *
Ramsey	91	* *	90	* *	46	* *	87	* *	90	* *
Ransom	25	* *	25	* *	10	* *	23	* *	25	* *
Renville	1	* *	1	* *	0	* *	1	* *	1	* *
Richland	85	* *	81	* *	28	* *	80	* *	80	* *
Rolette	291	64.3 (7)	294	42.5 (9)	170	21.8 (5)	269	20.1 (5)	286	4.5 (6)
Sargent	10	* *	7	* *	3	* *	10	* *	7	* *
Sheridan	6	* *	8	* *	2	* *	7	* *	8	* *
Stark	92	* *	108	25.0 (6)	23	* *	84	* *	106	5.7 (7)
Steele	3	* *	5	* *	0	* *	3	* *	5	* *
Stutsman	95	* *	102	22.5 (4)	29	* *	85	* *	87	* *
Towner	3	* *	4	* *	0	* *	3	* *	4	* *
Traill	41	* *	37	* *	5	* *	35	* *	33	* *

(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
2011 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)
Walsh	77	* *	69	* *	12	* *	73	* *	68	* *
Ward	379	40.1 (2)	381	19.9 (2)	117	41.9 (2)	359	9.2 (3)	379	3.7 (5)
Wells	17	* *	22	* *	10	* *	16	* *	22	* *
Williams	90	* *	89	* *	27	* *	82	* *	74	* *
North Dakota	3,190	44.4	3,346	25.0	1,090	35.3	3,001	11.4	3,235	4.0
Nation (Prior Year)	814,631	23.0	715,034	12.1	137,883	38.1	660,570	16.3	562,126	15.6

(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
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm ⁽⁶⁾		Full Term LBW ⁽⁷⁾		Ever Breastfed	
	Low ⁽⁴⁾		High ⁽⁵⁾		Number	%	Number	%	Number	%
	Number	% (Rank)	% (Rank)	(Rank)						
Adams	2	* * * *	* * * *		2	* *		2	* *	
Barnes	50	* * * *	* * * *		42	* *		40	* *	
Benson	90	* * * *	* * * *		79	* *		68	* *	
Bottineau	4	* * * *	* * * *		4	* *		3	* *	
Bowman	5	* * * *	* * * *		4	* *		3	* *	
Burke	4	* * * *	* * * *		4	* *		3	* *	
Burleigh	351	8.0 (2)	9.4 (1)		332	9.3 (2)		297	3.4 (5)	
Cass	608	5.9 (1)	10.0 (2)		605	6.8 (1)		559	2.1 (1)	
Cavalier	9	* * * *	* * * *		8	* *		8	* *	
Dickey	20	* * * *	* * * *		15	* *		14	* *	
Divide	2	* * * *	* * * *		2	* *		2	* *	
Dunn	0	* * * *	* * * *		1	* *		0	* *	
Eddy	3	* * * *	* * * *		3	* *		3	* *	
Emmons	12	* * * *	* * * *		11	* *		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) <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
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm ⁽⁶⁾		Full Term LBW ⁽⁷⁾		Ever Breastfed	
	Low ⁽⁴⁾		High ⁽⁵⁾		Number	% ^(Rank)	Number	% ^(Rank)	Number	% ^(Rank)
	Number	% ^(Rank)	% ^(Rank)							
Foster	10	* * * *	* * * *		10	* *	8	* *	10	* *
Golden Val	2	* * * *	* * * *		1	* *	1	* *	2	* *
Grand Fork	316	8.2 (3)	12.3 (4)		273	11.7 (4)	237	3.0 (3)	326	74.5 (2)
Grant	2	* * * *	* * * *		2	* *	2	* *	2	* *
Griggs	13	* * * *	* * * *		10	* *	10	* *	13	* *
Hettinger	1	* * * *	* * * *		2	* *	1	* *	2	* *
Kidder	5	* * * *	* * * *		5	* *	5	* *	6	* *
LaMoure	2	* * * *	* * * *		2	* *	2	* *	2	* *
Logan	0	* * * *	* * * *		0	* *	0	* *	0	* *
McHenry	13	* * * *	* * * *		11	* *	10	* *	13	* *
McIntosh	0	* * * *	* * * *		0	* *	0	* *	0	* *
McKenzie	3	* * * *	* * * *		3	* *	2	* *	3	* *
McLean	18	* * * *	* * * *		13	* *	12	* *	18	* *
Mercer	18	* * * *	* * * *		16	* *	15	* *	18	* *

(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
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)							
	Number	% (Rank)	%	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Morton	98	* * * *	* *	* *	82	* *	70	* *	100	70.0 (3)
Mountrail	2	* * * *	* *	* *	1	* *	1	* *	2	* *
Nelson	6	* * * *	* *	* *	5	* *	5	* *	6	* *
Pembina	18	* * * *	* *	* *	11	* *	7	* *	19	* *
Pierce	11	* * * *	* *	* *	11	* *	10	* *	11	* *
Ramsey	82	* * * *	* *	* *	84	* *	69	* *	86	* *
Ransom	9	* * * *	* *	* *	7	* *	5	* *	11	* *
Renville	0	* * * *	* *	* *	0	* *	0	* *	0	* *
Richland	72	* * * *	* *	* *	52	* *	48	* *	72	* *
Rolette	240	10.4 (5)	12.5 (5)		231	13.0 (5)	199	3.0 (3)	245	49.8 (6)
Sargent	6	* * * *	* *	* *	6	* *	6	* *	7	* *
Sheridan	8	* * * *	* *	* *	6	* *	5	* *	8	* *
Stark	75	* * * *	* *	* *	42	* *	39	* *	78	* *
Steele	5	* * * *	* *	* *	3	* *	2	* *	5	* *

- (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
2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)							
	Number	% (Rank)	% (Rank)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Stutsman	43	* * * *	* *		37	* *	33	* *	45	* *
Towner	3	* * * *	* *		3	* *	3	* *	3	* *
Traill	14	* * * *	* *		13	* *	12	* *	16	* *
Walsh	61	* * * *	* *		57	* *	52	* *	62	* *
Ward	273	8.8 (4)	10.6 (3)		208	10.1 (3)	185	2.2 (2)	283	54.1 (5)
Wells	19	* * * *	* *		20	* *	17	* *	21	* *
Williams	25	* * * *	* *		25	* *	22	* *	25	* *
North Dakota	2,633	8.1	10.3		2,364	9.7	2,106	2.8	2,704	64.8
Nation (Prior Year)	880,933	8.0	6.7		948,286	10.7	749,107	3.4	871,811	68.2

(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) <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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Multiple Races	All Other/Unknown
		%	%	%	%	%	%	%
Adams	34	*	*	*	*	*	*	*
Barnes	165	81.2	3.6	8.5	4.8	1.2	0.6	0.0
Benson	329	3.0	0.0	1.8	93.9	0.6	0.6	0.0
Bottineau	66	*	*	*	*	*	*	*
Bowman	34	*	*	*	*	*	*	*
Burke	10	*	*	*	*	*	*	*
Burleigh	1,317	66.4	1.1	4.6	23.7	0.7	3.4	0.0
Cass	2,572	71.2	13.2	5.7	4.7	2.6	2.5	0.0
Cavalier	41	*	*	*	*	*	*	*
Dickey	68	*	*	*	*	*	*	*
Divide	14	*	*	*	*	*	*	*
Dunn	7	*	*	*	*	*	*	*
Eddy	14	*	*	*	*	*	*	*
Emmons	67	*	*	*	*	*	*	*
Foster	38	*	*	*	*	*	*	*
Golden Val	16	*	*	*	*	*	*	*
Grand Fork	1,495	67.0	7.0	9.3	9.1	2.7	4.9	0.0
Grant	18	*	*	*	*	*	*	*
Griggs	42	*	*	*	*	*	*	*
Hettinger	16	*	*	*	*	*	*	*

(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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Kidder	29	*	*	*	*	*	*	*
LaMoure	8	*	*	*	*	*	*	*
Logan	15	*	*	*	*	*	*	*
McHenry	45	*	*	*	*	*	*	*
McIntosh	38	*	*	*	*	*	*	*
McKenzie	18	*	*	*	*	*	*	*
McLean	89	*	*	*	*	*	*	*
Mercer	71	*	*	*	*	*	*	*
Morton	405	72.3	1.7	7.4	15.8	0.5	2.2	0.0
Mountrail	13	*	*	*	*	*	*	*
Nelson	30	*	*	*	*	*	*	*
Pembina	89	*	*	*	*	*	*	*
Pierce	37	*	*	*	*	*	*	*
Ramsey	324	58.0	1.9	3.7	30.9	0.6	4.9	0.0
Ransom	88	*	*	*	*	*	*	*
Renville	11	*	*	*	*	*	*	*
Richland	308	78.6	2.3	7.8	10.1	1.0	0.0	0.3
Rolette	913	3.8	0.0	4.4	89.3	0.2	2.2	0.1
Sargent	37	*	*	*	*	*	*	*
Sheridan	29	*	*	*	*	*	*	*

(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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Racial and Ethnic Distribution by County
Combined 3 Years

Comparison of Racial and Ethnic Distribution ⁽²⁾								
County	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other/Unknown %
Stark	387	89.4	0.8	4.4	4.4	0.8	0.3	0.0
Steele	21	*	*	*	*	*	*	*
Stutsman	355	88.7	5.1	3.9	1.1	0.6	0.6	0.0
Towner	19	*	*	*	*	*	*	*
Traill	130	91.5	0.0	6.9	0.8	0.8	0.0	0.0
Walsh	271	56.8	0.4	36.9	3.7	0.0	2.2	0.0
Ward	1,556	76.0	3.1	8.7	6.4	1.3	4.4	0.0
Wells	49	*	*	*	*	*	*	*
Williams	401	76.6	0.2	9.7	5.5	0.5	5.7	1.7
North Dakota	12,149	66.6	4.6	7.3	17.2	1.3	2.9	0.1

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

(2) Excludes data with errors.

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



Table 4B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Adams	34	*	*	*	*	*	*	*
Barnes	165	0.6	4.2	12.1	61.2	18.2	3.6	0.0
Benson	329	0.6	6.4	15.5	59.6	16.7	1.2	0.0
Bottineau	66	*	*	*	*	*	*	*
Bowman	34	*	*	*	*	*	*	*
Burke	10	*	*	*	*	*	*	*
Burleigh	1,317	0.2	4.6	14.7	63.0	16.6	0.8	0.0
Cass	2,572	0.0	3.6	10.7	65.8	18.5	1.3	0.1
Cavalier	41	*	*	*	*	*	*	*
Dickey	68	*	*	*	*	*	*	*
Divide	14	*	*	*	*	*	*	*
Dunn	7	*	*	*	*	*	*	*
Eddy	14	*	*	*	*	*	*	*
Emmons	67	*	*	*	*	*	*	*
Foster	38	*	*	*	*	*	*	*
Golden Val	16	*	*	*	*	*	*	*
Grand Fork	1,495	0.2	3.5	13.2	66.3	16.1	0.7	0.0
Grant	18	*	*	*	*	*	*	*
Griggs	42	*	*	*	*	*	*	*

(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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Hettinger	16	*	*	*	*	*	*	*
Kidder	29	*	*	*	*	*	*	*
LaMoure	8	*	*	*	*	*	*	*
Logan	15	*	*	*	*	*	*	*
McHenry	45	*	*	*	*	*	*	*
McIntosh	38	*	*	*	*	*	*	*
McKenzie	18	*	*	*	*	*	*	*
McLean	89	*	*	*	*	*	*	*
Mercer	71	*	*	*	*	*	*	*
Morton	405	0.0	3.0	13.6	62.5	20.0	1.0	0.0
Mountrail	13	*	*	*	*	*	*	*
Nelson	30	*	*	*	*	*	*	*
Pembina	89	*	*	*	*	*	*	*
Pierce	37	*	*	*	*	*	*	*
Ramsey	324	0.3	7.4	21.3	57.7	12.7	0.6	0.0
Ransom	88	*	*	*	*	*	*	*
Renville	11	*	*	*	*	*	*	*
Richland	308	0.0	5.2	16.2	62.7	15.6	0.3	0.0
Rolette	913	0.9	8.0	16.3	59.3	15.3	0.2	0.0

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

(2) Excludes data with errors.

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



Table 4B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Age Distribution by County
Combined 3 Years

Comparison of Age Distribution ⁽²⁾								
County	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
Sargent	37	*	*	*	*	*	*	*
Sheridan	29	*	*	*	*	*	*	*
Stark	387	0.0	4.9	12.1	66.4	14.2	2.1	0.3
Steele	21	*	*	*	*	*	*	*
Stutsman	355	0.3	5.1	12.4	64.5	16.3	1.4	0.0
Towner	19	*	*	*	*	*	*	*
Traill	130	0.0	0.8	13.8	68.5	16.2	0.8	0.0
Walsh	271	0.7	7.4	15.1	62.4	14.0	0.4	0.0
Ward	1,556	0.1	2.6	14.3	70.5	11.7	0.7	0.1
Wells	49	*	*	*	*	*	*	*
Williams	401	0.0	5.5	19.2	54.9	19.7	0.7	0.0
North Dakota	12,149	0.2	4.3	13.4	64.4	16.6	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 5B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Comparison of Maternal Health Indicators ^(2, 3)														
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)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)			Number	% (Rank)
Adams	31	* *	* *	24	* *	* *	8	* *	16	* *	21	* *	21	* *
Barnes	124	2.4 (4)	62.9 (13)	111	12.6 (2)	58.6 (14)	24	* *	92	* *	135	5.2 (5)	134	9.7(3)
Benson	292	1.7 (1)	58.6 (8)	232	15.9 (5)	54.7 (11)	48	* *	134	46.3(13)	234	8.1 (12)	233	14.2(11)
Bottineau	54	* *	* *	46	* *	* *	11	* *	43	* *	54	* *	54	* *
Bowman	27	* *	* *	19	* *	* *	4	* *	10	* *	25	* *	25	* *
Burke	9	* *	* *	7	* *	* *	2	* *	4	* *	8	* *	8	* *
Burleigh	1,195	3.3 (11)	56.4 (6)	1,018	16.5 (8)	51.8 (8)	198	28.8 (2)	901	20.9 (4)	1,107	7.0 (11)	1,109	11.9(8)
Cass	2,353	3.8 (14)	55.1 (4)	2,008	18.3 (12)	50.5 (5)	379	33.0 (3)	1,562	22.4 (6)	2,136	6.3 (9)	2,132	8.4(2)
Cavalier	35	* *	* *	32	* *	* *	3	* *	10	* *	26	* *	25	* *
Dickey	55	* *	* *	46	* *	* *	15	* *	37	* *	52	* *	52	* *
Divide	13	* *	* *	12	* *	* *	2	* *	7	* *	12	* *	12	* *
Dunn	6	* *	* *	5	* *	* *	1	* *	3	* *	5	* *	5	* *
Eddy	12	* *	* *	11	* *	* *	0	* *	11	* *	13	* *	13	* *
Emmons	61	* *	* *	56	* *	* *	6	* *	34	* *	61	* *	61	* *
Foster	33	* *	* *	28	* *	* *	5	* *	27	* *	34	* *	34	* *
Golden Val	12	* *	* *	10	* *	* *	2	* *	8	* *	11	* *	11	* *
Grand Fork	1,208	2.2 (3)	52.1 (1)	962	15.9 (5)	52.2 (10)	270	34.8 (4)	716	26.5(11)	1,141	5.3 (6)	1,139	14.2(11)

(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 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Comparison of Maternal Health Indicators ^(2, 3)														
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)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Grant	17	* *	* *	11	* *	* *	6	* *	6	* *	14	* *	14	* *
Griggs	33	* *	* *	31	* *	* *	5	* *	20	* *	39	* *	39	* *
Hettinger	13	* *	* *	12	* *	* *	6	* *	4	* *	15	* *	14	* *
Kidder	28	* *	* *	26	* *	* *	4	* *	20	* *	26	* *	25	* *
LaMoure	7	* *	* *	6	* *	* *	0	* *	5	* *	6	* *	6	* *
Logan	13	* *	* *	11	* *	* *	3	* *	8	* *	12	* *	13	* *
McHenry	38	* *	* *	31	* *	* *	7	* *	24	* *	38	* *	38	* *
McIntosh	30	* *	* *	26	* *	* *	1	* *	14	* *	13	* *	14	* *
McKenzie	16	* *	* *	16	* *	* *	4	* *	16	* *	17	* *	17	* *
McLean	71	* *	* *	58	* *	* *	10	* *	52	* *	73	* *	73	* *
Mercer	62	* *	* *	55	* *	* *	17	* *	55	* *	59	* *	59	* *
Morton	358	3.4 (12)	58.7 (9)	312	16.0 (7)	50.6 (6)	56	* *	264	21.6 (5)	350	6.0 (8)	351	7.4 (1)
Mountrail	10	* *	* *	7	* *	* *	4	* *	7	* *	9	* *	9	* *
Nelson	27	* *	* *	24	* *	* *	8	* *	9	* *	18	* *	18	* *
Pembina	64	* *	* *	60	* *	* *	16	* *	43	* *	73	* *	73	* *
Pierce	36	* *	* *	34	* *	* *	2	* *	22	* *	34	* *	34	* *
Ramsey	317	3.2 (10)	53.6 (3)	275	20.0 (13)	45.8 (1)	46	* *	216	23.1 (9)	274	5.1 (2)	275	16.4 (14)

- (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 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
- (5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
- (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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Health Indicators by County
Combined 3 Years

Comparison of Maternal Health Indicators ^(2, 3)														
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)	% (Rank)	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Ransom	69	* *	* *	60	* *	* *	14	* *	33	* *	75	* *	75	* *
Renville	8	* *	* *	8	* *	* *	1	* *	10	* *	10	* *	10	* *
Richland	251	2.4 (4)	60.2 (12)	191	12.0 (1)	51.3 (7)	35	* *	165	30.3 (12)	234	9.4 (14)	234	12.0 (9)
Rolette	843	2.6 (7)	64.2 (14)	784	21.0 (14)	48.7 (3)	80	* *	582	24.4 (10)	808	5.1 (2)	810	11.2 (4)
Sargent	35	* *	* *	28	* *	* *	4	* *	14	* *	23	* *	23	* *
Sheridan	25	* *	* *	22	* *	* *	7	* *	12	* *	21	* *	21	* *
Stark	289	3.1 (9)	58.8 (11)	216	17.1 (9)	51.9 (9)	68	* *	139	15.8 (3)	274	5.1 (2)	274	11.7 (6)
Steele	14	* *	* *	12	* *	* *	4	* *	9	* *	16	* *	16	* *
Stutsman	292	3.4 (12)	56.8 (7)	253	13.4 (3)	55.7 (13)	57	* *	163	22.7 (7)	285	3.5 (1)	282	11.3 (5)
Towner	19	* *	* *	18	* *	* *	3	* *	13	* *	17	* *	17	* *
Traill	104	3.8 (14)	55.8 (5)	81	* *	* *	30	* *	76	* *	98	* *	96	* *
Walsh	254	2.0 (2)	65.0 (15)	216	17.6 (11)	48.1 (2)	28	* *	123	22.8 (8)	203	6.9 (10)	204	12.7 (10)
Ward	1,250	2.5 (6)	53.4 (2)	1,026	14.5 (4)	54.7 (11)	267	21.0 (1)	787	14.7 (2)	1,153	5.4 (7)	1,156	11.7 (6)
Wells	48	* *	* *	45	* *	* *	4	* *	35	* *	45	* *	45	* *
Williams	356	2.8 (8)	58.7 (9)	283	17.3 (10)	50.2 (4)	77	* *	224	12.1 (1)	275	8.7 (13)	274	14.2 (11)
North Dakota	10,517	2.9	56.8	8,865	16.8	51.4	1,852	27.8	6,785	21.5	9,682	6.1	9,677	11.3

(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 2009 IOM report, "Weight Gain During Pregnancy": underweight (BMI <18.5), normal weight (BMI 18.5 to 24.9), overweight (BMI 25.0 to 29.9), obese (BMI >30.0).
(5) Based on 2009 IOM report, "Weight Gain During Pregnancy": underweight during pregnancy (ideal weight gain = 28 to 40 pounds), normal weight prepregnancy (ideal weight gain = 25 to 35 pounds), overweight prepregnancy (ideal weight gain = 15 to 25 pounds), obese prepregnancy (ideal weight gain = 11 to 20 pounds).
(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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

Comparison of Maternal Behavioral Indicators ^(2, 3)										
County	Medical Care				WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care		1st Trimester		Pregnancy (4)		During Pregnancy (5)	
	Number	% (Rank)	%	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	21	* *	* *	* *	34	* *	23	* *	18	* *
Barnes	116	39.7 (14)	54.3 (14)		130	46.2 (7)	129	30.2 (3)	119	55.5 (1)
Benson	267	41.9 (13)	35.6 (3)		295	24.1 (15)	100	24.0 (7)	248	46.0 (4)
Bottineau	51	* *	* *	* *	55	* *	57	* *	43	* *
Bowman	21	* *	* *	* *	27	* *	23	* *	21	* *
Burke	6	* *	* *	* *	9	* *	5	* *	4	* *
Burleigh	893	47.6 (9)	46.4 (10)		1,231	39.6 (11)	1,031	19.9 (11)	906	46.5 (2)
Cass	1,766	48.4 (8)	44.8 (9)		2,273	44.5 (8)	1,720	22.8 (8)	1,715	41.9 (12)
Cavalier	33	* *	* *	* *	38	* *	38	* *	32	* *
Dickey	51	* *	* *	* *	53	* *	52	* *	46	* *
Divide	10	* *	* *	* *	12	* *	10	* *	8	* *
Dunn	4	* *	* *	* *	6	* *	6	* *	5	* *
Eddy	9	* *	* *	* *	12	* *	10	* *	10	* *
Emmons	51	* *	* *	* *	61	* *	58	* *	46	* *
Foster	29	* *	* *	* *	34	* *	30	* *	26	* *
Golden Val	10	* *	* *	* *	11	* *	13	* *	12	* *
Grand Fork	942	51.3 (4)	42.5 (6)		1,233	47.4 (5)	1,174	24.4 (6)	967	41.9 (12)
Grant	12	* *	* *	* *	17	* *	16	* *	15	* *
Griggs	32	* *	* *	* *	32	* *	35	* *	27	* *
Hettinger	13	* *	* *	* *	13	* *	13	* *	13	* *

(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) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



Table 6B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

Comparison of Maternal Behavioral Indicators ^(2, 3)										
County	Medical Care				WIC Enrollment		Multivitamin Consumption			
	1st Trimester		No Care		1st Trimester		Prepregnancy (4)		During Pregnancy (5)	
	Number	% (Rank)	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Kidder	23	* *	* *	* *	29	* *	23	* *	21	* *
LaMoure	5	* *	* *	* *	8	* *	7	* *	6	* *
Logan	11	* *	* *	* *	13	* *	12	* *	10	* *
McHenry	25	* *	* *	* *	37	* *	32	* *	35	* *
McIntosh	20	* *	* *	* *	30	* *	29	* *	26	* *
McKenzie	13	* *	* *	* *	17	* *	5	* *	7	* *
McLean	55	* *	* *	* *	73	* *	71	* *	64	* *
Mercer	50	* *	* *	* *	64	* *	51	* *	46	* *
Morton	267	45.3 (11)	49.1 (11)		366	37.4 (12)	312	21.2 (10)	272	44.9 (5)
Mountrail	6	* *	* *	* *	9	* *	9	* *	9	* *
Nelson	22	* *	* *	* *	27	* *	25	* *	20	* *
Pembina	63	* *	* *	* *	65	* *	59	* *	54	* *
Pierce	31	* *	* *	* *	36	* *	31	* *	27	* *
Ramsey	239	48.5 (7)	41.4 (5)		319	46.4 (6)	267	21.7 (9)	249	42.2 (11)
Ransom	58	* *	* *	* *	69	* *	73	* *	57	* *
Renville	6	* *	* *	* *	8	* *	6	* *	5	* *
Richland	202	54.0 (3)	40.1 (4)		250	51.2 (2)	244	19.7 (12)	207	42.5 (8)
Rolette	724	43.0 (12)	49.3 (12)		856	57.7 (1)	856	14.3 (14)	673	42.8 (6)
Sargent	26	* *	* *	* *	37	* *	32	* *	30	* *
Sheridan	20	* *	* *	* *	25	* *	23	* *	21	* *

(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) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



Table 6B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Maternal Behavioral Indicators by County
Combined 3 Years

Comparison of Maternal Behavioral Indicators ^(2, 3)													
County	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	251	81.7 (1)	5.6	(1)	288	41.3	(9)	291	33.0	(2)	242	42.6	(7)
Steele	14	* *	*	*	15	*	*	15	*	*	13	*	*
Stutsman	250	46.8 (10)	51.2	(13)	294	48.3	(3)	291	33.3	(1)	260	46.2	(3)
Towner	11	* *	*	*	19	*	*	14	*	*	13	*	*
Traill	91	* *	*	*	104	26.0	(14)	108	4.6	(15)	38	*	*
Walsh	189	49.7 (5)	44.4	(8)	259	47.9	(4)	232	19.0	(13)	168	42.3	(10)
Ward	1,034	59.7 (2)	33.3	(2)	1,291	39.8	(10)	1,197	25.7	(4)	1,052	41.8	(14)
Wells	39	* *	*	*	48	*	*	38	*	*	29	*	*
Williams	243	49.0 (6)	44.0	(7)	375	35.7	(13)	189	24.9	(5)	261	42.5	(8)
North Dakota	8,325	51.7	40.9		10,607	43.4		9,085	23.3		8,196	43.3	

(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) Women who reported taking a multivitamin four times a week or more in the month before pregnancy; proxy for folic acid consumption.

(5) Pregnant women who reported taking a multivitamin in the past month; proxy for prenatal iron consumption.

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



Table 7B
2009 - 2011 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	24	* *	20	* *	5	* *	26	* *	19	* *
Barnes	131	45.8 (8)	135	23.7 (5)	45	* *	126	11.9 (6)	131	4.6 (6)
Benson	286	55.6 (11)	236	38.6 (12)	100	36.0 (5)	262	24.4 (10)	233	13.7 (13)
Bottineau	58	* *	54	* *	21	* *	52	* *	54	* *
Bowman	26	* *	24	* *	4	* *	25	* *	25	* *
Burke	5	* *	8	* *	1	* *	4	* *	8	* *
Burleigh	1,040	50.3 (10)	1,108	24.0 (6)	407	38.1 (2)	991	11.2 (3)	1,092	3.7 (5)
Cass	2,044	38.4 (3)	2,149	20.2 (3)	603	36.5 (4)	1,955	11.8 (4)	2,090	3.1 (4)
Cavalier	36	* *	29	* *	11	* *	35	* *	26	* *
Dickey	51	* *	52	* *	10	* *	46	* *	50	* *
Divide	9	* *	13	* *	5	* *	12	* *	11	* *
Dunn	6	* *	5	* *	1	* *	6	* *	4	* *
Eddy	9	* *	13	* *	3	* *	10	* *	13	* *
Emmons	61	* *	61	* *	4	* *	57	* *	60	* *
Foster	30	* *	34	* *	16	* *	29	* *	32	* *

- (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
2009 - 2011 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	13	* *	12	* *	4	* *	12	* *	12	* *
Grand Fork	1,153	39.6 (5)	1,142	21.2 (4)	300	37.7 (3)	1,080	11.8 (4)	1,039	6.1 (8)
Grant	16	* *	14	* *	4	* *	16	* *	14	* *
Griggs	34	* *	39	* *	14	* *	33	* *	39	* *
Hettinger	13	* *	15	* *	2	* *	12	* *	13	* *
Kidder	22	* *	27	* *	10	* *	22	* *	27	* *
LaMoure	7	* *	6	* *	4	* *	7	* *	6	* *
Logan	13	* *	12	* *	3	* *	10	* *	6	* *
McHenry	29	* *	39	* *	7	* *	36	* *	38	* *
McIntosh	27	* *	27	* *	7	* *	27	* *	28	* *
McKenzie	7	* *	17	* *	3	* *	6	* *	17	* *
McLean	71	* *	75	* *	27	* *	68	* *	68	* *
Mercer	52	* *	59	* *	24	* *	49	* *	59	* *
Morton	311	48.9 (9)	350	24.3 (7)	123	34.1 (6)	299	13.0 (8)	343	2.9 (3)
Mountrail	10	* *	10	* *	3	* *	9	* *	10	* *

- (1) Reporting period is January 1 through December 31.
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- (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
2009 - 2011 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	25	* *	18	* *	6	* *	25	* *	16	* *
Pembina	62	* *	72	* *	18	* *	58	* *	71	* *
Pierce	32	* *	34	* *	4	* *	29	* *	34	* *
Ramsey	282	58.5 (14)	278	35.3 (11)	133	31.6 (8)	271	24.4 (10)	276	7.2 (9)
Ransom	68	* *	75	* *	27	* *	66	* *	75	* *
Renville	6	* *	9	* *	2	* *	6	* *	10	* *
Richland	242	57.4 (12)	236	33.9 (10)	105	26.7 (10)	236	26.7 (13)	235	9.4 (11)
Rolette	852	63.0 (15)	817	41.6 (14)	465	24.1 (11)	818	24.4 (10)	799	7.4 (10)
Sargent	33	* *	23	* *	7	* *	32	* *	23	* *
Sheridan	22	* *	26	* *	8	* *	23	* *	25	* *
Stark	292	39.0 (4)	283	27.2 (9)	76	* *	276	14.5 (9)	276	13.0 (12)
Steele	15	* *	17	* *	3	* *	14	* *	17	* *
Stutsman	296	42.9 (7)	297	26.3 (8)	104	30.8 (9)	270	10.0 (2)	260	2.3 (1)
Towner	16	* *	17	* *	4	* *	16	* *	17	* *
Traill	109	18.3 (1)	96	* *	11	* *	96	* *	86	* *

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

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(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
2009 - 2011 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)
Walsh	230	32.2 (2)	208	17.8 (1)	53	* *	216	6.9 (1)	198	2.5 (2)
Ward	1,184	41.3 (6)	1,158	18.4 (2)	325	44.3 (1)	1,123	12.3 (7)	1,143	5.7 (7)
Wells	37	* *	45	* *	16	* *	35	* *	45	* *
Williams	288	57.6 (13)	275	38.9 (13)	100	33.0 (7)	265	29.8 (14)	236	17.4 (14)
North Dakota	9,685	45.1	9,769	24.9	3,238	34.2	9,197	15.0	9,409	6.1

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

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Table 8B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)							
	Number	% (Rank)	%	(Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	9	* * * *			9	* *	7	* *	9	* *
Barnes	109	6.4 (4)	12.8	(12)	79	* *	75	* *	118	49.2 (4)
Benson	180	5.6 (3)	17.2	(13)	159	11.3 (4)	138	1.4 (1)	212	16.5 (13)
Bottineau	8	* * * *			8	* *	6	* *	8	* *
Bowman	14	* * * *			11	* *	8	* *	19	* *
Burke	7	* * * *			7	* *	6	* *	7	* *
Burleigh	935	7.8 (6)	8.3	(5)	879	9.9 (3)	785	2.3 (4)	991	46.9 (5)
Cass	1,317	7.4 (5)	8.1	(3)	1,276	9.4 (2)	1,148	2.5 (5)	1,384	56.4 (1)
Cavalier	17	* * * *			15	* *	15	* *	19	* *
Dickey	48	* * * *			36	* *	33	* *	50	* *
Divide	8	* * * *			7	* *	6	* *	8	* *
Dunn	1	* * * *			2	* *	0	* *	2	* *
Eddy	10	* * * *			9	* *	7	* *	11	* *
Emmons	43	* * * *			39	* *	36	* *	50	* *

(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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)		Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
	Number	% (Rank)	% (Rank)	Number						
Foster	28	* * * *	* * * *	28	* *	20	* *	31	* *	
Golden Val	7	* * * *	* * * *	3	* *	3	* *	7	* *	
Grand Fork	835	9.1 (9)	9.1 (9)	651	12.9 (9)	559	2.7 (6)	929	52.4 (2)	
Grant	10	* * * *	* * * *	9	* *	9	* *	11	* *	
Griggs	24	* * * *	* * * *	17	* *	15	* *	27	* *	
Hettinger	5	* * * *	* * * *	6	* *	4	* *	7	* *	
Kidder	22	* * * *	* * * *	22	* *	19	* *	25	* *	
LaMoure	5	* * * *	* * * *	5	* *	5	* *	5	* *	
Logan	0	* * * *	* * * *	0	* *	0	* *	0	* *	
McHenry	33	* * * *	* * * *	25	* *	21	* *	36	* *	
McIntosh	3	* * * *	* * * *	1	* *	1	* *	3	* *	
McKenzie	3	* * * *	* * * *	3	* *	2	* *	3	* *	
McLean	51	* * * *	* * * *	38	* *	35	* *	54	* *	
Mercer	52	* * * *	* * * *	47	* *	42	* *	54	* *	

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(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.
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Table 8B
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators ^(2, 3)									
County	Birthweight			Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)						
	Number	% (Rank)	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Morton	281	11.0 (12)	8.5 (8)	248	12.1 (5)	218	2.8 (7)	309	41.4 (7)
Mountrail	2	* *	* *	1	* *	1	* *	2	* *
Nelson	9	* *	* *	7	* *	7	* *	10	* *
Pembina	51	* *	* *	33	* *	25	* *	55	* *
Pierce	28	* *	* *	27	* *	25	* *	30	* *
Ramsey	202	7.9 (7)	9.4 (10)	211	12.8 (8)	176	1.7 (2)	227	41.4 (7)
Ransom	29	* *	* *	21	* *	19	* *	34	* *
Renville	7	* *	* *	5	* *	5	* *	7	* *
Richland	187	10.2 (10)	5.9 (1)	147	8.2 (1)	135	5.2 (10)	195	42.1 (6)
Rolette	617	11.0 (12)	11.8 (11)	586	13.3 (10)	506	3.8 (9)	675	31.3 (11)
Sargent	18	* *	* *	18	* *	17	* *	22	* *
Sheridan	16	* *	* *	13	* *	11	* *	16	* *
Stark	147	10.2 (10)	8.2 (4)	86	* *	78	* *	163	49.7 (3)
Steele	13	* *	* *	8	* *	7	* *	14	* *

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- (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
2009 - 2011 Pregnancy Nutrition Surveillance ⁽¹⁾
North Dakota
Comparison of Infant Health Indicators by County
Combined 3 Years

Comparison of Infant Health Indicators ^(2, 3)										
County	Birthweight				Preterm (6)		Full Term LBW (7)		Ever Breastfed	
	Low (4)		High (5)							
	Number	% (Rank)	%	% (Rank)	Number	% (Rank)	Number	% (Rank)	Number	% (Rank)
Stutsman	107	4.7 (1)	6.5 (2)		87	* *	80	* *	119	39.5 (10)
Towner	12	* *	* *		12	* *	9	* *	13	* *
Traill	34	* *	* *		28	* *	26	* *	38	* *
Walsh	166	5.4 (2)	8.4 (6)		157	12.7 (7)	137	3.6 (8)	186	31.2 (12)
Ward	717	8.8 (8)	8.4 (6)		530	12.5 (6)	456	2.0 (3)	797	41.2 (9)
Wells	38	* *	* *		39	* *	34	* *	41	* *
Williams	31	* *	* *		27	* *	22	* *	33	* *
North Dakota	6,496	8.3	9.1		5,682	11.0	4,999	2.7	7,066	45.7

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(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.

