

# Michigan Pregnancy Risk Assessment Monitoring System (PRAMS)

## 2010

## Preliminary Data Tables

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**Table 1. Distribution of selected maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,413	111,214	100	-
<b>Maternal Age</b>				
<18 Years	39	2,448	2.2	(1.5-3.2)
18-19 Years	108	6,896	6.2	(4.9-7.8)
20-24 Years	348	25,876	23.3	(20.8-25.9)
25-29 Years	402	34,871	31.4	(28.6-34.3)
30-34 Years	336	27,305	24.6	(22.1-27.2)
35-39 Years	147	11,336	10.2	(8.5-12.1)
40+ Years	33	2,483	2.2	(1.5-3.3)
<b>Race/Ethnicity</b>				
NH White	752	78,117	70.5	(68.4-72.5)
NH Black	542	20,374	18.4	(17.8-18.9)
Hispanic	57	6,465	5.8	(4.4-7.6)
Asian/PI	28	2,388	2.2	(1.5-3.2)
American Indian	4	‡	‡	‡
Other	27	2,985	2.7	(1.8-4.0)
<b>Education</b>				
<High School	215	16,623	15.1	(13.0-17.4)
High School/GED	353	28,419	25.7	(23.1-28.6)
Some College	456	33,463	30.3	(27.7-33.1)
College Degree+	381	31,922	28.9	(26.3-31.6)
<b>Pre-pregnancy Insurance Status</b>				
Private	711	61,512	55.7	(52.7-58.6)
Medicaid	445	28,872	26.1	(23.7-28.8)
Uninsured	240	20,066	18.2	(15.9-20.7)
<b>Marital Status</b>				
Married	745	66,864	60.1	(57.3-62.9)
Unmarried	668	44,350	39.9	(37.1-42.7)
<b>Parity</b>				
1 child	605	45,753	41.6	(38.7-44.7)
2+ children	791	64,134	58.4	(55.3-61.3)

‡Data not shown due to small sample size.

**Table 2. Preconception maternal body mass index categories.**

<b>Body Mass Index (BMI)</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,413	111,214	100.0	
<b>BMI Category</b>				
Underweight	58	4,319	3.9	(2.9-5.2)
Normal Weight	686	55,502	49.9	(46.9-52.9)
Overweight	341	26,634	23.9	(21.5-26.6)
Obese	328	24,759	22.3	(19.9-24.9)

**Table 3. Prevalence of preconception underweight by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	58	4,319	3.9	(2.9-5.2)
<b>Maternal Age</b>				
<20 Years	10	529	5.7	(2.7-11.7)
20-29 Years	37	2,988	4.9	(3.4-7.1)
30+ Years	11	803	2.0	(1.0-3.9)
<b>Race/Ethnicity</b>				
NH White	29	2,904	3.7	(2.5-5.5)
NH Black	24	952	4.7	(3.1-7.0)
Hispanic	0	-	-	-
Asian/PI	2	‡	‡	‡
American Indian	0	-	-	-
Other	2	‡	‡	‡
<b>Education</b>				
<High School	14	889	5.3	(2.8-10.1)
High School/GED	19	1,650	5.8	(3.5-9.6)
Some College	14	802	2.4	(1.3-4.5)
College Degree+	9	692	2.2	(1.1-4.4)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	17	1,392	6.9	(4.0-11.8)
Medicaid	20	1,067	3.7	(2.2-6.2)
Private	21	1,860	3.0	(1.9-4.9)
<b>Marital Status</b>				
Married	28	2,383	3.6	(2.3-5.4)
Other	30	1,936	4.4	(2.8-6.7)
<b>Parity</b>				
1 child	30	2,115	4.6	(3.0-7.0)
2+ children	27	2,162	3.4	(2.2-5.2)

‡Data not shown due to small sample size.

**Table 4. Prevalence of preconception normal weight by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	686	55,502	49.9	(46.9-52.9)
<b>Maternal Age</b>				
<20 Years	84	5,021	53.7	(43.6-63.6)
20-29 Years	368	30,898	50.9	(46.7-55.0)
30+ Years	234	19,584	47.6	(42.8-52.5)
<b>Race/Ethnicity</b>				
NH White	395	40,903	52.4	(48.5-56.2)
NH Black	230	8,368	41.1	(36.8-45.5)
Hispanic	28	3,025	46.8	(33.3-60.8)
Asian/PI	17	1,333	55.8	(36.2-73.8)
American Indian	3	‡	‡	‡
Other	13	1,495	50.1	(31.0-69.2)
<b>Education</b>				
<High School	96	7,018	42.2	(34.6-50.3)
High School/GED	164	14,118	49.7	(43.4-56.0)
Some College	210	16,213	48.5	(43.2-53.8)
College Degree+	213	17,903	56.1	(50.6-61.4)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	112	9,558	47.6	(40.4-55.0)
Medicaid	195	12,483	43.2	(37.7-49.0)
Private	365	32,798	53.3	(49.2-57.4)
<b>Marital Status</b>				
Married	368	33,159	49.6	(45.6-53.6)
Other	318	22,344	50.4	(45.8-55.0)
<b>Parity</b>				
1 child	317	24,813	54.2	(49.6-58.8)
2+ children	358	29,796	46.5	(42.5-50.5)

‡Data not shown due to small sample size.

**Table 5. Prevalence of preconception overweight by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	341	26,634	23.9	(21.5-26.6)
<b>Maternal Age</b>				
<20 Years	34	2,358	25.2	(17.4-35.2)
20-29 Years	164	13,071	21.5	(18.3-25.1)
30+ Years	143	11,205	27.2	(23.1-31.8)
<b>Race/Ethnicity</b>				
NH White	180	18,826	24.1	(21.0-27.5)
NH Black	136	5,159	25.3	(21.6-29.4)
Hispanic	13	1,368	21.2	(11.9-34.7)
Asian/PI	7	707	29.6	(14.9-50.2)
American Indian	0	-	-	-
Other	5	‡	‡	‡
<b>Education</b>				
<High School	53	4,256	25.6	(19.2-33.3)
High School/GED	78	5,857	20.6	(16.1-26.1)
Some College	117	8,804	26.3	(21.9-31.3)
College Degree+	91	7,520	23.6	(19.2-28.5)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	49	4,057	20.2	(15.0-26.7)
Medicaid	118	8,164	28.3	(23.3-33.8)
Private	174	14,412	23.4	(20.2-27.0)
<b>Marital Status</b>				
Married	182	16,166	24.2	(20.9-27.7)
Other	159	10,468	23.6	(19.9-27.8)
<b>Parity</b>				
1 child	134	10,271	22.4	(18.8-26.6)
2+ children	205	16,179	25.2	(21.9-28.9)

‡Data not shown due to small sample size.

**Table 6. Prevalence of preconception obesity by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	328	24,759	22.3	(19.9-24.9)
<b>Maternal Age</b>				
<20 Years	19	1,437	15.4	(9.2-24.6)
20-29 Years	181	13,790	22.7	(19.4-26.3)
30+ Years	128	9,532	23.2	(19.4-27.5)
<b>Race/Ethnicity</b>				
NH White	148	15,483	19.8	(16.9-23.0)
NH Black	152	5,896	28.9	(25.0-33.2)
Hispanic	16	2,073	32.1	(20.3-46.7)
Asian/PI	2	‡	‡	‡
American Indian	1	‡	‡	‡
Other	7	773	25.9	(12.2-46.7)
<b>Education</b>				
<High School	52	4,460	26.8	(20.2-34.7)
High School/GED	92	6,794	23.9	(19.0-29.6)
Some College	115	7,643	22.8	(18.8-27.4)
College Degree+	68	5,808	18.2	(14.3-22.8)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	62	5,059	25.2	(19.4-32.1)
Medicaid	112	7,158	24.8	(20.2-30.0)
Private	151	12,442	20.2	(17.2-23.7)
<b>Marital Status</b>				
Married	167	15,156	22.7	(19.5-26.2)
Other	161	9,603	21.7	(18.2-25.5)
<b>Parity</b>				
1 child	124	8,554	18.7	(15.4-22.4)
2+ children	201	15,997	24.9	(21.6-28.6)

‡Data not shown due to small sample size.

**Table 7. Prevalence of selected maternal health problems during the 3 months before pregnancy.**

<b>Maternal Health Problem</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Maternal Health Problem</b>				
Depression	167	14,226	12.9	(10.9-15.1)
Anxiety	158	13,921	12.6	(10.6-14.9)
Anemia	209	12,420	11.3	(9.6-13.2)
Asthma	149	10,804	9.8	(8.1-11.7)
Thyroid Problems	54	5,021	4.6	(3.4-6.0)
Hypertension	66	3,458	3.1	(2.4-4.1)
Diabetes*	35	2,361	2.1	(1.4-3.2)
Heart Problems	20	1,516	1.4	(0.8-2.3)
Epilepsy	8	287	0.3	(0.1-0.5)

\*Ever diagnosed with Type 1 or Type II diabetes before pregnancy

**Table 8. Prevalence of preconception counseling from a health care worker by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	463	35,330	32.1	(29.4-35.0)
<b>Maternal Age</b>				
<20 Years	46	2,746	30.2	(21.8-40.2)
20-29 Years	221	16,878	28.0	(24.5-31.9)
30+ Years	196	15,706	38.6	(34.0-43.4)
<b>Race/Ethnicity</b>				
NH White	248	24,213	31.3	(27.9-34.9)
NH Black	173	6,466	32.1	(28.1-36.5)
Hispanic	18	2,016	31.9	(20.3-46.3)
Asian/PI	12	1,066	44.6	(26.7-64.1)
American Indian	1	‡	‡	‡
Other	11	1,426	50.9	(31.1-70.5)
<b>Education</b>				
<High School	69	4,360	26.9	(20.6-34.3)
High School/GED	101	7,163	25.4	(20.4-31.1)
Some College	108	8,199	24.7	(20.4-29.6)
College Degree+	183	15,412	48.9	(43.4-54.4)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	37	2,773	14.0	(9.6-19.9)
Medicaid	143	8,310	29.1	(24.4-34.4)
Private	274	23,846	39.2	(35.2-43.2)
<b>Marital Status</b>				
Married	291	25,523	38.6	(34.8-42.5)
Other	172	9,807	22.4	(18.9-26.3)
<b>Parity</b>				
1 child	208	15,126	33.3	(29.1-37.7)
2+ children	252	20,055	31.5	(27.9-35.3)

‡Data not shown due to small sample size.

**Table 9. Prevalence of topics discussed by health care provider among women reporting preconception counseling.**

<b>Topics Covered</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Type of Counseling</b>				
Folic acid vitamins	362	28,730	82.1	(77.8-85.7)
Prescription drugs	302	22,313	63.8	(58.6-68.8)
Smoking	303	21,699	62.2	(56.9-67.2)
Alcohol	302	21,645	62.1	(56.8-67.1)
Illegal drugs	289	20,541	58.9	(53.6-64.0)
Healthy weight	282	20,399	58.5	(53.2-63.7)
Vaccines updated	200	14,231	41.0	(35.9-46.2)
Visiting Dentist	177	11,878	34.1	(29.4-39.2)
Control conditions	154	9,631	27.9	(23.6-32.7)
Genetic counseling	134	9,456	27.2	(22.9-32.0)
Depression/anxiety	117	7,792	22.3	(18.3-26.9)

**Table 10. Prevalence of preconception behaviors during 12 months before pregnancy.**

<b>Preconception Behavior</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Type of behavior</b>				
Teeth cleaned	805	64,119	58.1	(55.1-61.1)
Exercised 3+ days/week	536	43,318	39.3	(36.3-42.3)
Dieted to lose weight	385	32,505	29.5	(26.7-32.3)
Talked about family medical history	414	31,694	28.8	(26.1-31.6)
Took Rx medicines	309	24,647	22.4	(20.0-25.1)
Checked/treated for depression/anxiety	207	16,467	14.9	(12.9-17.3)
Checked/treated for hypertension	197	11,747	10.7	(9.1-12.5)
Checked/treated for diabetes	141	8,776	8.0	(6.6-9.6)

**Table 11. Prevalence of unintended pregnancy by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	670	48,955	44.5	(41.6-47.5)
<b>Maternal Age</b>				
<20 Years	121	7,723	82.7	(73.7-89.0)
20-29 Years	387	29,269	48.5	(44.3-52.7)
30+ Years	162	11,962	29.7	(25.5-34.3)
<b>Race/Ethnicity</b>				
NH White	276	30,093	38.9	(35.1-42.7)
NH Black	342	13,029	65.4	(61.0-69.5)
Hispanic	31	3,470	53.7	(39.6-67.2)
Asian/PI	4	‡	‡	‡
American Indian	2	‡	‡	‡
Other	14	1,600	53.6	(34.0-72.1)
<b>Education</b>				
<High School	147	11,123	67.7	(59.6-74.9)
High School/GED	199	14,269	51.1	(44.7-57.4)
Some College	232	15,815	47.5	(42.3-52.8)
College Degree+	89	7,498	23.8	(19.4-28.8)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	139	11,076	55.8	(48.4-63.0)
Medicaid	290	18,105	63.3	(57.6-68.8)
Private	233	19,540	32.1	(28.4-36.1)
<b>Marital Status</b>				
Married	209	18,151	27.4	(24.0-31.1)
Other	461	30,804	70.4	(66.0-74.5)
<b>Parity</b>				
1 child	291	21,404	47.3	(42.7-52.0)
2+ children	369	26,737	42.1	(38.2-46.1)

‡Data not shown due to small sample size.

**Table 12a. Pregnancy intention categories and unintended subtypes.**

<b>Intention/Subtype</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,394	109,961	100.0	-
<b>Pregnancy Intention</b>				
Intended	724	61,007	55.5	(52.5-58.4)
Unintended	670	48,955	44.5	(41.6-47.5)
Mistimed	485	36,398	33.1	(30.3,36.0)
Unwanted	185	12,557	11.4	(9.7-13.4)

**Table 12b. Unintended pregnancy subtypes among women reporting unintended pregnancy.**

<b>Unintended Subtype</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	670	48,955	100.0	-
<b>Subtype</b>				
Mistimed	485	36,398	74.3	(70.3-78.0)
Unwanted	185	12,557	25.7	(22.0-29.7)

**Table 13. Prevalence of pregnancy prevention methods among women with unintended pregnancy during pre-pregnancy period.**

Method	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Pregnancy Prevention Method</b>				
Condoms	183	11,801	51.1	(44.6-57.4)
Withdrawal	124	8,778	38.1	(32.0-44.5)
Oral contraceptives	91	6,671	28.9	(23.3-35.1)
Rhythm method	42	3,078	13.3	(9.6-18.2)
Other	15	1,360	5.9	(3.3-10.1)
Abstinence	16	1,058	4.6	(2.5-8.1)
Injection	14	634	2.7	(1.4-5.2)
Emergency contraception	6	479	2.1	(0.8-5.2)
Vaginal ring	8	413	1.8	(0.8-4.1)
Contraceptive implant	3	‡	‡	‡
Contraceptive patch	3	‡	‡	‡
IUD	2	‡	‡	‡
Tubal ligation	2	‡	‡	‡
Vasectomy	2	‡	‡	‡
Diaphragm	0	-	-	-

‡Data not shown due to small sample size.

**Table 14. Prevalence of trying to conceive during pre-pregnancy period by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	612	53,249	48.6	(45.7-51.7)
<b>Maternal Age</b>				
<20 Years	24	1,446	15.6	(9.8-24.1)
20-29 Years	293	26,701	45.0	(40.8-49.2)
30+ Years	295	25,102	61.5	(56.7-66.1)
<b>Race/Ethnicity</b>				
NH White	420	42,599	55.3	(51.4-59.1)
NH Black	137	4,862	24.3	(20.7-28.4)
Hispanic	17	2,014	32.7	(20.8-47.3)
Asian/PI	24	2,095	87.7	(67.8-96.0)
American Indian	2	‡	‡	‡
Other	11	1,334	44.7	(26.4-64.5)
<b>Education</b>				
<High School	46	4,009	25.0	(18.4-32.9)
High School/GED	103	10,443	37.8	(31.7-44.3)
Some College	182	14,930	45.0	(39.7-50.3)
College Degree+	277	23,384	73.6	(68.5-78.2)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	70	6,735	34.5	(27.7-42.0)
Medicaid	111	8,074	28.3	(23.3-34.0)
Private	427	38,112	62.7	(58.7-66.6)
<b>Marital Status</b>				
Married	481	43,998	66.6	(62.7-70.2)
Other	131	9,251	21.3	(17.7-25.5)
<b>Parity</b>				
1 child	273	22,177	49.5	(44.8-54.1)
2+ children	335	30,774	48.5	(44.5-52.5)

‡Data not shown due to small sample size.

**Table 15. Prevalence of avoiding pregnancy during pre-pregnancy period by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	355	24,583	22.5	(20.2-25.1)
<b>Maternal Age</b>				
<20 Years	60	3,396	36.8	(27.8-46.8)
20-29 Years	196	14,191	23.9	(20.6-27.6)
30+ Years	99	6,996	17.1	(13.8-21.0)
<b>Race/Ethnicity</b>				
NH White	142	15,161	19.7	(16.8-22.9)
NH Black	187	7,068	35.4	(31.2-39.8)
Hispanic	14	1,043	16.9	(9.0-29.6)
Asian/PI	3	‡	‡	‡
American Indian	2	‡	‡	‡
Other	7	749	25.1	(11.9-45.4)
<b>Education</b>				
<High School	65	4,639	28.9	(22.2-36.7)
High School/GED	104	6,714	24.3	(19.5-29.8)
Some College	133	8,942	26.9	(22.5-31.8)
College Degree+	50	4,038	12.7	(9.5-16.8)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	65	5,179	26.5	(20.6-33.4)
Medicaid	146	8,090	28.4	(23.7-33.6)
Private	139	11,192	18.4	(15.5-21.8)
<b>Marital Status</b>				
Married	118	9,832	14.9	(12.3-17.9)
Other	237	14,750	34.0	(29.8-38.5)
<b>Parity</b>				
1 child	143	10,109	22.5	(18.9-26.6)
2+ children	207	14,214	22.4	(19.3-25.8)

‡Data not shown due to small sample size.

**Table 16. Prevalence of neither trying to conceive nor avoiding pregnancy during pre-pregnancy period by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	424	31,627	28.9	(26.2-31.7)
<b>Maternal Age</b>				
<20 Years	60	4,399	47.6	(37.6-57.8)
20-29 Years	248	18,492	31.1	(27.4-35.1)
30+ Years	116	8,736	21.4	(17.7-25.6)
<b>Race/Ethnicity</b>				
NH White	180	19,299	25.0	(21.8-28.6)
NH Black	208	8,049	40.3	(35.9-44.8)
Hispanic	24	3,104	50.4	(36.3-64.4)
Asian/PI	1	‡	‡	‡
American Indian	0	-	-	-
Other	9	902	30.2	(15.4-50.7)
<b>Education</b>				
<High School	97	7,397	46.1	(38.1-54.3)
High School/GED	137	10,495	38.0	(32.0-44.3)
Some College	138	9,325	28.1	(23.6-33.1)
College Degree+	51	4,355	13.7	(10.3-18.0)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	100	7,617	39.0	(32.1-46.4)
Medicaid	182	12,335	43.3	(37.6-49.1)
Private	136	11,433	18.8	(15.8-22.3)
<b>Marital Status</b>				
Married	137	12,267	18.6	(15.6-21.9)
Other	287	19,360	44.6	(40.0-49.3)
<b>Parity</b>				
1 child	176	12,551	28.0	(24.0-32.4)
2+ children	243	18,522	29.2	(25.7-32.9)

‡Data not shown due to small sample size.

**Table 17. Prevalence of pregnancy prevention methods among women not trying to conceive**

Pregnancy Prevention	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	355	24,583	100.0	—
<b>Types</b>				
Sterilization	5	‡	‡	‡
Hormonal contraceptives	130	8,860	36.3	(30.5-42.5)
Barrier contraceptives	155	10,580	43.3	(37.3-49.6)
Other methods	62	4,760	19.5	(15.0-24.9)
<b>Birth Control Method</b>				
Condoms	207	13,284	54.0	(47.8-60.1)
Withdrawal	141	9,872	40.2	(34.3-46.5)
Oral contraceptives	99	6,955	28.3	(23.0-34.3)
Rhythm method	50	3,735	15.2	(11.3-20.1)
Other	16	1,521	6.2	(3.6-10.4)
Abstinence	21	1,387	5.6	(3.4-9.2)
Progesterone shot	17	795	3.2	(1.8-5.6)
Emergency contraception	7	502	2.0	(0.8-4.9)
Vaginal ring	9	437	1.8	(0.8-3.9)
Contraceptive patch	3	‡	‡	‡
Contraceptive implant	3	‡	‡	‡
Intrauterine device	2	‡	‡	‡
Diaphragm	0	-	-	-

‡Data not shown due to small sample size.

**Table 18. Reasons given for not using a pregnancy prevention method by those neither trying nor avoiding pregnancy during pre-pregnancy period.**

Reason	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Reason</b>				
Didn't mind getting pregnant	152	11,404	34.2	(29.1-39.6)
Thought couldn't get pregnant at that time	122	8,519	25.5	(21.0-30.6)
Partner didn't want to use anything	84	5,882	17.6	(13.8-22.3)
Discontinued birth control due to side effects	55	4,200	12.6	(9.3-16.8)
Couldn't get birth control	48	3,434	10.3	(7.4-14.1)
Thought self/partner sterile	44	3,117	9.4	(6.6-13.0)

**Table 19. Prevalence of using any postpartum pregnancy prevention method by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,182	92,782	85.1	(82.8-87.1)
<b>Maternal Age</b>				
<20 Years	131	8,418	95.2	(90.6-97.7)
20-29 Years	630	50,952	85.9	(82.7-88.6)
30+ Years	421	33,413	81.7	(77.6-85.2)
<b>Race/Ethnicity</b>				
NH White	631	65,762	85.1	(82.1-87.6)
NH Black	457	16,957	86.6	(83.2-89.5)
Hispanic	47	5,354	85.5	(72.0-93.1)
Asian/PI	20	1,709	74.7	(53.8-88.2)
American Indian	4	‡	‡	‡
Other	21	2,218	81.4	(59.3-93.0)
<b>Education</b>				
<High School	178	13,651	85.2	(78.1-90.2)
High School/GED	300	23,820	86.1	(80.9-90.0)
Some College	386	28,772	86.6	(82.7-89.8)
College Degree+	314	26,147	82.9	(78.4-86.7)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	201	17,065	87.4	(81.6-91.6)
Medicaid	376	24,367	86.5	(82.0-90.0)
Private	594	50,846	83.8	(80.6-86.7)
<b>Marital Status</b>				
Married	608	53,929	82.0	(78.7-84.9)
Other	574	38,853	89.8	(86.8-92.2)
<b>Parity</b>				
1 child	502	38,157	85.2	(81.6-88.2)
2+ children	669	53,868	85.1	(82.0-87.8)

‡Data not shown due to small sample size.

**Table 20. Reasons for not using a postpartum pregnancy prevention method.**

Reason	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Reason</b>				
Other	71	6,244	35.7	(28.7-43.4)
Don't want to use	68	5,678	32.5	(25.7-40.0)
Not having sex	47	3,661	20.9	(15.5-27.7)
Want to get pregnant	32	2,824	16.2	(11.2-22.7)
Partner doesn't want to use	28	2,261	12.9	(8.6-19.0)
Think self is sterile	16	1,062	6.1	(3.5-10.4)
Can't pay for birth control	9	531	3.0	(1.3-6.7)
Currently pregnant	6	467	2.7	(1.1-6.5)

**Table 21. Prevalence of postpartum pregnancy prevention methods.**

Method	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Prevention Method</b>				
Condoms	473	36,546	38.9	(35.7-42.1)
Oral Contraceptives	305	25,448	27.1	(24.2-30.1)
Withdrawal	176	13,830	14.7	(12.6-17.2)
Intrauterine device	167	12,404	13.2	(11.1-15.6)
Progesterone shot	151	9,750	10.4	(8.6-12.5)
Abstinence	134	9,505	10.1	(8.4-12.2)
Tubal ligation	116	8,576	9.1	(7.4-11.2)
Rhythm method	58	5,464	5.8	(4.4-7.6)
Partner vasectomy	45	3,887	4.1	(3.0-5.7)
Other	26	2,284	2.4	(1.6-3.7)
Vaginal ring	20	1,716	1.8	(1.1-3.0)
Subdermal implant	25	1,584	1.7	(1.0-2.7)
Emergency contraception	13	641	0.7	(0.3-1.4)
Transdermal patch	7	562	0.6	(0.2-1.5)
Diaphragm	3	‡	‡	‡

‡Data not shown due to small sample size.

**Table 22. Prevalence of intimate partner violence by time period.**

<b>Time Period</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Time Period</b>				
12 months before conception	53	3,601	3.3	(2.4-4.5)
During pregnancy	54	3,801	3.5	(2.5-4.7)
Before or during pregnancy	78	5,306	4.8	(3.7-6.3)

**Table 23. Prevalence of first trimester entry into prenatal care by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,087	89,022	80.9	(78.5-83.1)
<b>Maternal Age</b>				
<20 Years	91	6,264	68.4	(58.6-76.8)
20-29 Years	574	47,704	79.2	(75.6-82.3)
30+ Years	422	35,054	86.4	(82.9-89.3)
<b>Race/Ethnicity</b>				
NH White	636	66,005	85.3	(82.3-87.9)
NH Black	354	12,863	64.6	(60.1-68.8)
Hispanic	44	4,841	74.9	(60.3-85.4)
Asian/PI	26	2,259	95.7	(75.2-99.4)
American Indian	3	‡	‡	‡
Other	22	2,456	82.3	(60.7-93.3)
<b>Education</b>				
<High School	134	10,924	67.5	(59.6-74.4)
High School/GED	226	20,005	71.5	(65.7-76.7)
Some College	369	27,600	82.7	(78.4-86.3)
College Degree+	353	29,867	94.3	(91.3-96.4)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	160	14,180	70.9	(63.9-76.9)
Medicaid	289	19,838	70.3	(64.9-75.1)
Private	629	54,591	89.4	(86.5-91.7)
<b>Marital Status</b>				
Married	647	58,994	88.9	(86.2-91.2)
Other	440	30,028	68.8	(64.4-72.9)
<b>Parity</b>				
1 child	475	37,543	82.8	(79.1-86.0)
2+ children	600	50,493	79.7	(76.3-82.6)
<b>Pregnancy Intention</b>				
Unintended	455	34,592	71.5	(67.3-75.3)
Intended	620	53,546	88.6	(85.7-91.0)
<b>Contraceptive Behavior</b>				
Trying to conceive	535	46,746	88.7	(85.4-91.2)
Avoiding pregnancy	243	18,269	75.5	(70.2-80.1)
Neither	294	22,579	72.0	(66.6-76.7)

**Table 24. Trimester of entry into prenatal care.**

<b>Trimester of Entry</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,394	109,979	100.0	-
First Trimester	1,087	89,022	80.9	(78.5-83.1)
After First Trimester/Never	307	20,957	19.1	(16.9-21.5)
Second Trimester	261	18,599	16.9	(14.8-19.3)
Third Trimester	27	1,553	1.4	(0.9-2.2)
No Prenatal Care	19	805	0.7	(0.4-1.2)

**Table 25. Prevalence of getting prenatal care as early as wanted.**

<b>Prenatal Care as Early as Wanted</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,375	109,364	100.0	-
<b>Got Care as Early as Wanted?</b>				
No	302	21,733	19.9	(17.6-22.4)
Yes	1,073	87,632	80.1	(77.6-82.4)

**Table 26. Number of barriers to prenatal care among women not getting prenatal care as early as wanted.**

<b>Number of Barriers</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Number of Barriers</b>				
0	10	677	3.0	(1.4-6.1)
1	131	10,114	44.1	(37.7-50.6)
2	92	6,238	27.2	(21.8-33.3)
3	54	3,049	13.3	(9.7-17.9)
4	19	1,244	5.4	(3.1-9.2)
5	13	1,134	4.9	(2.7-8.9)
6	6	424	1.8	(0.7-4.8)
7	2	‡	‡	‡
8	0	-	-	-
9	0	-	-	-
10	1	‡	‡	‡

**Table 27. Barriers to prenatal care among women not getting prenatal care as early as wanted.**

<b>Barrier</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Barrier</b>				
Didn't know about pregnancy	142	9,411	42.0	(35.7-48.5)
Couldn't get appointment	120	8,087	36.3	(30.2-42.8)
Doctor/insurance would not start earlier	77	5,945	26.6	(21.1-32.9)
Couldn't pay	70	5,574	24.6	(19.2-30.9)
No Medicaid card	67	5,040	22.5	(17.4-28.7)
Too much going on	60	3,409	15.4	(11.4-20.5)
Keep pregnancy secret	53	2,800	12.6	(9.3-17.0)
No transportation	42	2,625	11.8	(8.2-16.5)
No leave time	27	1,404	6.3	(3.9-10.0)
No child care	20	1,231	5.5	(3.3-9.3)
Didn't want prenatal care	13	738	3.3	(1.7-6.3)

**Table 28. Source of prenatal care payment.**

<b>Source of Prenatal Care Payment</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,358	108,065	100.0	
<b>Source of Payment</b>				
None	14	1,133	1.0	(0.6-1.9)
Medicaid	624	45,311	41.9	(39.0-44.9)
Private Insurance	720	61,620	57.0	(54.0-60.0)

**Table 29. Prevalence of prenatal counseling topics covered by health care provider.**

<b>Prenatal Counseling Topics covered by Provider</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Topic</b>				
Prenatal vitamin use	1,326	105,722	97.3	(96.1-98.1)
Safe medications	1,246	98,839	90.6	(88.6-92.3)
Birth defects screening	1,193	94,866	87.1	(84.9-89.0)
Breastfeeding	1,163	90,957	83.5	(81.1-85.6)
What to do if preterm labor	1,137	90,257	83.3	(80.9-85.5)
HIV testing	1,145	89,389	82.2	(79.7-84.5)
Appropriate weight gain	1,121	89,167	82.0	(79.5-84.2)
Preterm labor signs	1,090	85,669	78.7	(76.1-81.1)
Drinking alcohol	1,070	82,486	75.7	(72.9-78.2)
Perinatal depression	1,036	81,863	75.2	(72.5-77.7)
Smoking during pregnancy	1,054	81,152	74.5	(71.7-77.0)
Illegal drug use	965	73,599	67.7	(64.8-70.5)
Effects of eating mercury contaminated fish	900	70,364	64.9	(61.9-67.7)
Seatbelt use	777	58,513	53.9	(50.8-56.9)
Intimate partner violence	770	57,373	52.9	(49.8-55.9)
Programs/resources for weight	534	39,869	36.7	(33.8-39.7)

**Table 30. Prevalence of prenatal HIV testing by counseling about HIV testing.**

<b>Characteristic</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	976	72,067	72.6	(69.6-75.4)
<b>HIV Test Counseling Status</b>				
Counseled	899	66,485	80.7	(77.7-83.4)
Not counseled	53	4,296	28.2	(21.3-36.2)

**Table 31. Prevalence of smoking during last three months of pregnancy by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	217	18,721	16.9	(14.7-19.5)
<b>Maternal Age</b>				
<20 Years	22	2,036	22.4	(14.5-33.1)
20-29 Years	141	12,502	20.7	(17.4-24.4)
30+ Years	54	4,183	10.2	(7.6-13.6)
<b>Race/Ethnicity</b>				
NH White	125	13,807	17.7	(14.8-20.9)
NH Black	76	2,870	14.4	(11.5-17.9)
Hispanic	6	737	11.4	(4.9-24.2)
Asian/PI	0	-	-	-
American Indian	3	‡	‡	‡
Other	6	726	26.7	(12.1-49.0)
<b>Education</b>				
<High School	73	6,713	41.3	(33.5-49.6)
High School/GED	74	6,512	23.1	(18.1-29.0)
Some College	61	4,630	13.8	(10.5-18.0)
College Degree+	7	670	2.1	(1.0-4.5)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	56	5,323	26.6	(20.5-33.8)
Medicaid	109	8,609	30.3	(25.1-36.1)
Private	52	4,789	7.8	(5.8-10.5)
<b>Marital Status</b>				
Married	63	6,062	9.1	(6.9-11.8)
Other	154	12,659	28.9	(24.7-33.5)
<b>Parity</b>				
1 child	71	6,105	13.4	(10.4-17.2)
2+ children	142	12,242	19.2	(16.1-22.7)
<b>Pregnancy Intention</b>				
Unintended	135	11,841	24.4	(20.5-28.7)
Intended	80	6,683	11.0	(8.6-14.0)
<b>Contraceptive Behavior</b>				
Trying to conceive	60	5,466	10.3	(7.8-13.5)
Avoiding pregnancy	60	4,750	19.6	(14.8-25.4)
Neither	93	8,002	25.4	(20.6-30.9)

‡Data not shown due to small sample size.

**Table 32. Smoking behavior during last three months of pregnancy compared to preconception behavior.**

Smoking Change	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,400	110,458	100.0	-
<b>Smoking Status</b>				
Nonsmoker	983	74,121	67.1	(64.1-70.0)
Smoker who quit	200	17,616	16.0	(13.8-18.4)
# Cigs reduced	134	11,458	10.4	(8.6-12.5)
# Cigs same/more	80	7,069	6.4	(5.0-8.2)
Nonsmoker resumed	2	‡	‡	‡

‡Data not shown due to small sample size.

**Table 33. Prevalence of smoking behavior at time of survey compared to behavior during last three months of pregnancy.**

Smoking Change	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,396	110,209	100.0	-
<b>Smoking Status</b>				
Nonsmoker	1,075	83,072	75.4	(72.6-78.0)
Smoker who quit	14	1,441	1.3	(0.7-2.3)
# Cigs reduced	8	530	0.5	(0.2-1.1)
# Cigs same/more	194	16,649	15.1	(13.0-17.5)
Nonsmoker resumed	105	8,517	7.7	(6.2-9.6)

**Table 34. Drinking behavior during last three months of pregnancy compared to preconception behavior.**

Drinking Change	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,375	108,545	100.0	-
<b>Drinking Status</b>				
Nondrinker	558	41,238	38.0	(35.1-41.0)
Drinker who quit	722	60,177	55.4	(52.4-58.4)
# Drinks reduced	39	3,154	2.9	(2.0-4.1)
# Drinks same/more	53	3,554	3.3	(2.4-4.5)
Nondrinker resumed	3	‡	‡	‡

**Table 35. Prevalence of low birthweight by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	233	8,359	7.5	(7.3-7.8)
<b>Maternal Age</b>				
<20 Years	20	882	9.4	(6.1-14.4)
20-29 Years	121	4,380	7.2	(6.3-8.2)
30+ Years	92	3,097	7.5	(6.3-8.9)
<b>Race/Ethnicity</b>				
NH White	159	5,405	6.9	(6.3-7.6)
NH Black	56	2,268	11.1	(9.0-13.7)
Hispanic	7	335	5.2	(2.4-10.7)
Asian/PI	7	197	8.2	(3.8-17.1)
American Indian	1	‡	‡	‡
Other	4	‡	‡	‡
<b>Education</b>				
<High School	36	2,020	12.2	(9.0-16.3)
High School/GED	57	2,378	8.4	(6.6-10.5)
Some College	79	2,233	6.7	(5.5-8.0)
College Degree+	61	1,728	5.4	(4.3-6.7)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	48	1,970	9.8	(7.5-12.8)
Medicaid	57	2,436	8.4	(6.6-10.7)
Private	125	3,827	6.2	(5.5-7.0)
<b>Marital Status</b>				
Married	128	4,078	6.1	(5.4-6.9)
Other	105	4,281	9.7	(8.3-11.2)
<b>Parity</b>				
1 child	125	4,313	9.4	(8.2-10.8)
2+ children	104	3,878	6.0	(5.2-7.0)
<b>Pregnancy Intention</b>				
Unintended	96	3,751	7.7	(6.5-9.0)
Intended	133	4,426	7.3	(6.4-8.2)
<b>Contraceptive Behavior</b>				
Trying to conceive	103	3,308	6.2	(5.3-7.2)
Avoiding pregnancy	46	1,692	6.9	(5.2-9.0)
Neither	79	3,134	9.9	(8.1-12.0)

**Table 36. Prevalence of low birthweight by subcategories**

<b>Low Birthweight</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	233	8,359	7.5	(7.3-7.8)
<b>Low Birthweight Subcategory</b>				
Very LBW	44	1,486	17.8	(13.4-23.3)
Moderately LBW	189	6,873	82.2	(76.7-86.6)

**Table 37. Prevalence of low birthweight by smoking status during last three months of pregnancy.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	232	8,303	7.5	(7.2-7.8)
<b>Smoking Status</b>				
Did not smoke	183	6,217	6.8	(6.3-7.3)
Smoked	49	2,085	11.1	(8.5-14.5)

**Table 38. Prevalence of preterm birth by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	212	9,921	8.9	(7.7-10.3)
<b>Maternal Age</b>				
<20 Years	17	784	8.4	(5.2-13.4)
20-29 Years	100	4,623	7.6	(6.1-9.5)
30+ Years	95	4,514	11.0	(8.7-13.7)
<b>Race/Ethnicity</b>				
NH White	128	6,544	8.4	(6.9-10.2)
NH Black	69	2,719	13.3	(10.7-16.5)
Hispanic	7	392	6.1	(2.7-12.9)
Asian/PI	5	‡	‡	‡
American Indian	0	-	-	-
Other	3	‡	‡	‡
<b>Education</b>				
<High School	29	1,519	9.1	(6.4-12.9)
High School/GED	59	3,143	11.1	(8.2-14.7)
Some College	66	2,442	7.3	(5.5-9.6)
College Degree+	57	2,763	8.7	(6.4-11.7)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	39	2,047	10.2	(7.0-14.5)
Medicaid	62	2,762	9.6	(7.4-12.3)
Private	108	4,920	8.0	(6.4-9.9)
<b>Marital Status</b>				
Married	110	5,115	7.6	(6.2-9.5)
Other	102	4,806	10.8	(8.8-13.3)
<b>Parity</b>				
1 child	111	4,921	10.8	(8.7-13.2)
2+ children	97	4,806	7.5	(6.0-9.3)
<b>Pregnancy Intention</b>				
Unintended	83	3,848	7.9	(6.2-9.9)
Intended	126	5,932	9.7	(8.0-11.8)
<b>Contraceptive Behavior</b>				
Trying to conceive	100	4,763	8.9	(7.1-11.2)
Avoiding pregnancy	40	2,107	8.6	(6.0-12.1)
Neither	68	2,800	8.9	(6.9-11.3)

‡Data not shown due to small sample size.

**Table 39. Prevalence of infant born both at low birthweight and preterm.**

<b>LBW &amp; Preterm</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,413	111,214	100.0	-
<b>LBW &amp; Preterm</b>				
Not Both LBW & Preterm	155	5,543	5.0	(4.5-5.5)
Both LBW & Preterm	1,258	105,671	95.0	(94.5-95.5)

**Table 40. Prevalence of breastfeeding initiation by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	998	82,375	76.2	(73.5-78.6)
<b>Maternal Age</b>				
<20 Years	84	5,806	64.8	(54.6-73.8)
20-29 Years	506	42,618	72.4	(68.5-76.1)
30+ Years	408	33,951	84.1	(80.3-87.3)
<b>Race/Ethnicity</b>				
NH White	596	61,327	80.0	(76.6-83.0)
NH Black	315	11,795	61.0	(56.5-65.4)
Hispanic	40	4,472	69.2	(54.7-80.7)
Asian/PI	26	2,259	100.0	
American Indian	2	‡	‡	‡
Other	17	2,083	77.7	(56.4-90.4)
<b>Education</b>				
<High School	104	8,507	53.3	(45.0-61.4)
High School/GED	195	17,426	64.2	(58.0-70.0)
Some College	345	26,547	80.2	(75.7-84.0)
College Degree+	350	29,501	94.0	(90.7-96.1)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	156	13,745	70.7	(63.4-77.0)
Medicaid	227	15,502	56.4	(50.5-62.2)
Private	607	52,689	87.0	(83.9-89.6)
<b>Marital Status</b>				
Married	626	55,945	85.1	(81.9-87.8)
Other	372	26,430	62.2	(57.6-66.7)
<b>Parity</b>				
1 child	454	36,098	81.1	(77.2-84.5)
2+ children	535	45,573	72.8	(69.1-76.3)
<b>Pregnancy Intention</b>				
Unintended	433	33,752	71.0	(66.7-75.0)
Intended	552	47,702	80.1	(76.5-83.2)
<b>Contraceptive Behavior</b>				
Trying to conceive	493	42,891	82.5	(78.7-85.7)
Avoiding pregnancy	241	17,595	74.0	(68.2-79.0)
Neither	249	20,611	66.9	(61.3-72.1)

**Table 41. Breastfeeding duration categories.**

<b>Breastfeeding Duration</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Total</b>	1,355	107,829	100.0	-
<b>Breastfeeding Category</b>				
Didn't Breastfeed	363	25,799	23.9	(21.4-26.6)
Breastfed <1 Week	59	4,182	3.9	(2.9-5.2)
Breastfed >1 Week, but Stopped	451	35,820	33.2	(30.4-36.2)
Currently Breastfeeding	482	42,028	39.0	(36.0-42.0)

**Table 42. Median breastfeeding duration among women initiating breastfeeding by demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Median (in Weeks)	95% Confidence Interval
<b>Total</b>	451	35,820	3.9	(3.6-4.7)
<b>Maternal Age</b>				
<20 Years	55	3,766	3.1	(2.3-3.6)
20-29 Years	250	20,678	3.7	(3.4-4.3)
30+ Years	146	11,376	5.5	(4.8-7.1)
<b>Race/Ethnicity</b>				
NH White	254	25,862	3.9	(3.6-5.1)
NH Black	162	6,207	3.6	(3.3-4.0)
Hispanic	22	2,532	3.5	(1.9-6.3)
Asian/PI	6	460	11.6	-
American Indian	0	-	-	-
Other	6	658	5.2	-
<b>Education</b>				
<High School	71	5,822	2.9	(1.9-3.6)
High School/GED	104	9,060	3.7	(3.3-5.0)
Some College	177	12,571	3.9	(3.6-5.2)
College Degree+	97	8,259	7.0	(4.7-8.1)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	74	6,301	3.5	(2.8-5.2)
Medicaid	140	10,002	3.3	(2.7-3.8)
Private	233	19,378	5.1	(3.9-5.7)
<b>Marital Status</b>				
Married	236	20,781	5.1	(3.9-5.7)
Other	215	15,038	3.5	(3.2-3.8)
<b>Parity</b>				
1 child	220	17,109	3.7	(3.4-4.5)
2+ children	225	18,232	4.2	(3.7-5.4)
<b>Pregnancy Intention</b>				
Unintended	225	16,669	3.5	(3.3-3.8)
Intended	219	18,572	5.1	(3.9-5.9)
<b>Contraceptive Behavior</b>				
Trying to conceive	183	15,614	5.2	(3.9-6.2)
Avoiding pregnancy	124	8,269	3.9	(3.5-4.9)
Neither	136	11,254	3.5	(3.0-3.9)

‡Data not shown due to small sample size.

**Table 43. Prevalence of barriers to continuation of breastfeeding among those initiating breastfeeding but discontinuing before survey.**

<b>Barriers</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
Not enough milk	232	18,604	45.2	(40.3-50.2)
Didn't satisfy baby	180	15,795	38.4	(33.7-43.4)
Trouble latching	155	12,919	31.4	(27.0-36.2)
Hard/painful/time	135	10,513	25.6	(21.5-30.1)
Other	125	10,380	25.2	(21.1-29.8)
Nipples sore	109	8,853	21.5	(17.7-25.9)
Work/school	106	7,444	18.1	(14.7-22.1)
Household duties	70	5,502	13.4	(10.3-17.2)
Baby not gaining wt	51	4,539	11.0	(8.2-14.6)
Right time to stop	53	4,007	9.7	(7.2-13.0)
Self too sick	40	3,128	7.6	(5.3-10.7)
Baby was jaundiced	39	3,078	7.5	(5.3-10.6)

**Table 44. Prevalence of WIC enrollment during pregnancy and breastfeeding talk with a WIC staff member.**

WIC Status/Talk	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,392	109,892	100.0	-
<b>WIC Status During Pregnancy</b>				
No	646	56,086	51.0	(48.1-54.0)
Yes	746	53,807	49.0	(46.0-51.9)
<b>Breastfeeding Talk</b>				
No	179	14,049	26.2	(22.5-30.3)
Yes	563	39,584	73.8	(69.7-77.5)

**Table 45. Prevalence of infant back sleeping position by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	964	80,935	75.7	(73.0-78.1)
<b>Maternal Age</b>				
<20 Years	79	5,609	63.9	(54.0-72.8)
20-29 Years	501	42,864	73.7	(70.0-77.2)
30+ Years	384	32,462	81.0	(76.9-84.5)
<b>Race/Ethnicity</b>				
NH White	581	60,776	79.9	(76.6-82.8)
NH Black	294	10,750	56.0	(51.3-60.5)
Hispanic	45	5,021	83.7	(70.1-91.8)
Asian/PI	24	2,203	97.5	(90.4-99.4)
American Indian	3	‡	‡	‡
Other	14	1,443	53.8	(33.1-73.3)
<b>Education</b>				
<High School	129	10,917	71.1	(63.5-77.8)
High School/GED	215	18,702	69.4	(63.3-74.9)
Some College	316	25,213	76.7	(72.1-80.7)
College Degree+	299	25,656	82.1	(77.5-86.0)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	155	13,735	71.6	(64.4-77.8)
Medicaid	260	18,627	69.0	(63.7-73.8)
Private	539	48,057	80.0	(76.5-83.0)
<b>Marital Status</b>				
Married	569	52,726	81.5	(78.2-84.4)
Other	395	28,209	66.8	(62.3-70.9)
<b>Parity</b>				
1 child	425	34,343	77.8	(73.8-81.3)
2+ children	531	45,958	74.2	(70.6-77.5)
<b>Pregnancy Intention</b>				
Unintended	421	33,432	71.1	(66.9-74.9)
Intended	532	46,643	79.2	(75.7-82.4)
<b>Contraceptive Behavior</b>				
Trying to conceive	459	41,474	80.8	(77.1-84.0)
Avoiding pregnancy	232	16,940	71.5	(65.7-76.6)
Neither	259	21,533	70.9	(65.6-75.7)

‡Data not shown due to small sample size.

**Table 46. Prevalence of usual infant sleep practices.**

<b>Infant Sleep Practice</b>	<b>Sample Frequency</b>	<b>Weighted Frequency</b>	<b>Weighted Percent</b>	<b>95% Confidence Interval</b>
<b>Sleep Practice</b>				
Crib/portable crib	1,185	95,985	89.1	(87.1-90.8)
Firm mattress	1,114	91,658	85.5	(83.3-87.4)
Bumper pads	406	35,247	32.8	(30.0-35.8)
Plush blankets	317	25,039	23.4	(20.9-26.2)
Another person	214	14,961	13.9	(12.0-16.2)
Pillows	89	6,167	5.7	(4.5-7.3)
Stuffed toys	26	2,273	2.1	(1.4-3.2)

**Table 47. Prevalence of no usual infant sleeping on a firm mattress by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,114	91,658	85.5	(83.3-87.4)
<b>Maternal Age</b>				
<20 Years	90	5,959	67.9	(57.5-76.7)
20-29 Years	586	49,602	84.8	(81.7-87.6)
30+ Years	438	36,097	90.2	(87.0-92.7)
<b>Race/Ethnicity</b>				
NH White	657	68,497	90.0	(87.3-92.1)
NH Black	363	13,436	70.3	(65.9-74.4)
Hispanic	43	4,727	74.8	(60.2-85.3)
Asian/PI	26	2,259	100.0	-
American Indian	3	‡	‡	‡
Other	19	1,997	74.5	(51.5-88.9)
<b>Education</b>				
<High School	141	11,172	70.3	(62.3-77.2)
High School/GED	249	22,282	82.9	(78.1-86.8)
Some College	368	27,891	85.6	(81.4-88.9)
College Degree+	351	29,777	95.2	(92.2-97.0)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	183	16,017	82.6	(76.4-87.5)
Medicaid	287	19,656	73.2	(67.8-77.9)
Private	632	55,355	91.8	(89.3-93.8)
<b>Marital Status</b>				
Married	654	59,299	91.1	(88.5-93.2)
Other	460	32,359	76.8	(72.7-80.4)
<b>Parity</b>				
1 child	475	37,536	85.0	(81.4-88.0)
2+ children	630	53,372	86.0	(83.0-88.5)
<b>Pregnancy Intention</b>				
Unintended	501	38,583	82.1	(78.5-85.3)
Intended	601	52,274	88.3	(85.5-90.7)
<b>Contraceptive Behavior</b>				
Trying to conceive	521	46,108	89.6	(86.5-92.0)
Avoiding pregnancy	263	19,106	81.5	(76.3-85.7)
Neither	316	25,158	82.3	(77.6-86.1)

‡Data not shown due to small sample size.

**Table 48. Prevalence of infant sleeping in a crib by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	1,185	95,985	89.1	(87.1-90.8)
<b>Maternal Age</b>				
<20 Years	103	6,404	71.5	(61.1-80.0)
20-29 Years	641	53,264	90.7	(88.0-92.9)
30+ Years	441	36,318	90.7	(87.7-93.1)
<b>Race/Ethnicity</b>				
NH White	681	70,861	92.7	(90.3-94.5)
NH Black	409	15,041	78.2	(74.1-81.8)
Hispanic	47	5,352	84.6	(71.6-92.4)
Asian/PI	23	1,956	86.6	(65.8-95.6)
American Indian	3	‡	‡	‡
Other	19	2,033	75.8	(52.1-90.0)
<b>Education</b>				
<High School	167	13,554	84.7	(78.4-89.4)
High School/GED	274	22,514	83.8	(78.5-88.1)
Some College	386	29,556	89.9	(86.5-92.6)
College Degree+	352	29,771	94.8	(91.9-96.8)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	196	17,146	88.0	(82.4-92.0)
Medicaid	334	22,350	82.5	(77.7-86.4)
Private	643	55,859	92.5	(90.0-94.4)
<b>Marital Status</b>				
Married	671	60,750	93.1	(90.7-94.9)
Other	514	35,235	83.0	(79.3-86.2)
<b>Parity</b>				
1 child	508	39,177	88.3	(84.9-91.0)
2+ children	666	55,933	89.8	(87.3-91.9)
<b>Pregnancy Intention</b>				
Unintended	543	41,023	86.8	(83.5-89.5)
Intended	627	53,979	91.0	(88.3-93.1)
<b>Contraceptive Behavior</b>				
Trying to conceive	536	47,343	91.5	(88.6-93.6)
Avoiding pregnancy	296	20,943	89.0	(84.7-92.2)
Neither	333	26,013	84.8	(80.3-88.5)

‡Data not shown due to small sample size.

**Table 49. Prevalence of infant sleeping with pillows by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	89	6,167	5.7	(4.5-7.3)
<b>Maternal Age</b>				
<20 Years	16	833	9.4	(5.3-16.3)
20-29 Years	45	3,409	5.8	(4.1-8.2)
30+ Years	28	1,925	4.8	(3.1-7.2)
<b>Race/Ethnicity</b>				
NH White	28	3,134	4.1	(2.8-5.9)
NH Black	51	1,863	9.8	(7.4-12.9)
Hispanic	6	810	12.8	(5.7-26.4)
Asian/PI	2	‡	‡	‡
American Indian	0	-	-	-
Other	2	‡	‡	‡
<b>Education</b>				
<High School	17	916	5.8	(3.2-10.3)
High School/GED	27	2,122	7.9	(5.1-12.2)
Some College	30	1,926	5.8	(3.8-8.8)
College Degree+	15	1,202	3.8	(2.2-6.5)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	20	1,890	9.7	(6.1-15.2)
Medicaid	38	2,005	7.4	(5.0-10.9)
Private	30	2,248	3.7	(2.5-5.6)
<b>Marital Status</b>				
Married	35	3,189	4.9	(3.4-7.0)
Other	54	2,978	7.0	(5.1-9.6)
<b>Parity</b>				
1 child	41	2,141	4.8	(3.4-6.8)
2+ children	45	3,758	6.0	(4.3-8.4)
<b>Pregnancy Intention</b>				
Unintended	46	2,931	6.2	(4.4-8.7)
Intended	39	2,981	5.0	(3.5-7.2)
<b>Contraceptive Behavior</b>				
Trying to conceive	34	2,746	5.3	(3.6-7.7)
Avoiding pregnancy	24	1,216	5.2	(3.2-8.1)
Neither	30	2,182	7.1	(4.7-10.8)

‡Data not shown due to small sample size.

**Table 50. Prevalence of infant sleeping with bumper pads by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	406	35,247	32.8	(30.0-35.8)
<b>Maternal Age</b>				
<20 Years	46	2,978	33.4	(24.4-43.8)
20-29 Years	227	20,420	34.8	(30.9-39.1)
30+ Years	133	11,849	29.7	(25.3-34.5)
<b>Race/Ethnicity</b>				
NH White	260	27,812	36.4	(32.7-40.2)
NH Black	119	4,445	23.4	(19.7-27.5)
Hispanic	12	1,564	24.9	(14.4-39.6)
Asian/PI	5	‡	‡	‡
American Indian	3	‡	‡	‡
Other	6	497	18.5	(7.6-38.6)
<b>Education</b>				
<High School	60	5,831	37.0	(29.2-45.6)
High School/GED	95	8,190	30.5	(24.8-36.9)
Some College	134	10,882	33.1	(28.2-38.4)
College Degree+	114	10,095	32.3	(27.3-37.7)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	71	6,971	36.0	(29.0-43.7)
Medicaid	106	8,169	30.2	(24.9-36.1)
Private	225	19,811	32.8	(29.0-36.8)
<b>Marital Status</b>				
Married	210	20,614	31.6	(28.0-35.5)
Other	196	14,633	34.6	(30.2-39.4)
<b>Parity</b>				
1 child	194	15,723	35.4	(31.0-40.1)
2+ children	206	18,895	30.4	(26.8-34.4)
<b>Pregnancy Intention</b>				
Unintended	195	16,385	34.8	(30.5-39.4)
Intended	206	18,547	31.3	(27.5-35.3)
<b>Contraceptive Behavior</b>				
Trying to conceive	174	16,229	31.4	(27.4-35.8)
Avoiding pregnancy	97	7,240	30.7	(25.1-36.9)
Neither	130	11,347	37.1	(31.6-43.0)

‡Data not shown due to small sample size.

**Table 51. Prevalence of infant sleeping with blankets by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	317	25,039	23.4	(20.9-26.2)
<b>Maternal Age</b>				
<20 Years	47	2,750	31.4	(22.8-41.6)
20-29 Years	176	14,942	25.7	(22.1-29.6)
30+ Years	94	7,347	18.4	(14.9-22.5)
<b>Race/Ethnicity</b>				
NH White	150	17,166	22.6	(19.4-26.1)
NH Black	145	5,161	27.1	(23.3-31.3)
Hispanic	11	1,525	24.8	(14.2-39.6)
Asian/PI	4	‡	‡	‡
American Indian	1	‡	‡	‡
Other	5	‡	‡	‡
<b>Education</b>				
<High School	66	5,382	34.3	(26.8-42.7)
High School/GED	90	6,957	26.2	(20.9-32.3)
Some College	96	7,135	21.7	(17.6-26.5)
College Degree+	64	5,423	17.4	(13.5-22.0)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	54	4,714	24.4	(18.4-31.6)
Medicaid	127	8,707	32.5	(27.1-38.4)
Private	131	11,478	19.1	(16.0-22.6)
<b>Marital Status</b>				
Married	139	12,497	19.2	(16.2-22.7)
Other	178	12,542	29.9	(25.6-34.5)
<b>Parity</b>				
1 child	136	9,991	22.7	(19.0-27.0)
2+ children	178	14,685	23.7	(20.4-27.4)
<b>Pregnancy Intention</b>				
Unintended	165	13,109	28.1	(24.0-32.5)
Intended	149	11,722	19.8	(16.7-23.4)
<b>Contraceptive Behavior</b>				
Trying to conceive	125	10,066	19.5	(16.2-23.3)
Avoiding pregnancy	70	4,968	21.2	(16.4-27.0)
Neither	119	9,720	32.1	(26.8-37.9)

‡Data not shown due to small sample size.

**Table 52. Prevalence of infant sleeping with another person by maternal demographic characteristics.**

Characteristic	Sample Frequency	Weighted Frequency	Weighted Percent	95% Confidence Interval
<b>Total</b>	214	14,961	13.9	(12.0-16.2)
<b>Maternal Age</b>				
<20 Years	31	2,093	23.6	(15.9-33.5)
20-29 Years	105	7,512	12.8	(10.2-16.0)
30+ Years	78	5,357	13.4	(10.5-17.0)
<b>Race/Ethnicity</b>				
NH White	76	8,268	10.8	(8.6-13.6)
NH Black	118	4,283	22.5	(18.9-26.5)
Hispanic	9	1,123	17.8	(9.2-31.5)
Asian/PI	4	‡	‡	‡
American Indian	0	-	-	-
Other	7	866	32.3	(15.8-54.9)
<b>Education</b>				
<High School	34	2,682	16.9	(11.5-24.1)
High School/GED	60	4,586	17.2	(12.8-22.7)
Some College	73	4,229	12.8	(9.8-16.6)
College Degree+	47	3,465	11.1	(8.1-14.9)
<b>Pre-pregnancy Insurance Status</b>				
Uninsured	35	2,825	14.5	(10.0-20.7)
Medicaid	80	4,615	17.1	(13.1-22.0)
Private	94	7,377	12.3	(9.8-15.2)
<b>Marital Status</b>				
Married	96	7,279	11.2	(8.9-13.9)
Other	118	7,682	18.2	(14.8-22.2)
<b>Parity</b>				
1 child	101	6,963	15.7	(12.6-19.4)
2+ children	112	7,855	12.7	(10.2-15.6)
<b>Pregnancy Intention</b>				
Unintended	109	7,251	15.4	(12.4-18.9)
Intended	100	7,507	12.7	(10.2-15.7)
<b>Contraceptive Behavior</b>				
Trying to conceive	85	6,689	13.0	(10.3-16.4)
Avoiding pregnancy	56	3,368	14.2	(10.5-19.0)
Neither	71	4,734	15.5	(11.8-20.1)

‡Data not shown due to small sample size.