

# CONNECTICUT PREGNANCY RISK ASSESSMENT MONITORING SYSTEM (PRAMS)

## 2017 Data Report



APRIL 2019

WORKING TO MAKE CONNECTICUT BABIES AND MOTHERS HEALTHIER

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## *Introduction*

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The Connecticut Pregnancy Risk Assessment Monitoring System (PRAMS) is a surveillance project of the Connecticut Department of Public Health (DPH) conducted in collaboration with the Centers for Disease Control and Prevention (CDC). Connecticut PRAMS is an ongoing population-based survey that collects data on maternal health, behaviors, and experiences before, during and shortly after pregnancy.

PRAMS provides data not available from other sources. The data gathered through the surveys are used to inform, develop, and evaluate maternal and infant health programs and policies in Connecticut. Additionally, the data are used to track Connecticut's progress toward national and state maternal and infant health objectives.

Connecticut was awarded the PRAMS grant in 2011 and began collecting data in 2013. For more information about Connecticut PRAMS, please visit: <http://www.ct.gov/dph/ctprams>.

## *Methodology*

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Each month, birth certificate information is used to generate a list of Connecticut women who have delivered a live born infant in-state within the past two to six months. From this list, approximately 200 women per month are randomly selected to participate in the survey.

Addressing racial and ethnic disparities is an overarching priority for programs within the Connecticut DPH. Women from certain racial and ethnic groups are sampled at a higher rate because some groups experience more pregnancy-related problems. Oversampling ensures that an adequate number of responses are attained to allow for meaningful analyses to investigate disparities in perinatal indicators. Connecticut's sample is stratified into four categories based on maternal race/ethnicity: Non-Hispanic Black, Non-Hispanic White, Non-Hispanic Other Races, and Hispanic.

Women selected for PRAMS receive up to three mailed paper survey staggered over a six week period. If there is no response to survey mailings, women are contacted and interviewed by telephone. The mail and telephone surveys are available in English and Spanish. Data collection procedures and instruments are standardized by CDC to allow comparisons between states.

For a more detailed description of the PRAMS methodology, please visit the CDC PRAMS webpage at [www.cdc.gov/prams/methodology.htm](http://www.cdc.gov/prams/methodology.htm).

## *Data in this Report*

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Data collected from sampled mothers are weighted to represent the cohort of Connecticut resident women who delivered a live born infant in 2017. Caution is advised when interpreting and generalizing results to all pregnancies as only those with a live birth were included in the survey. This excludes women who had a pregnancy that ended in fetal death, abortion, or miscarriage.

This report contains results for each question in the 2017 Connecticut PRAMS survey. Demographic characteristics of the mothers who completed the survey and results to each question with their 95% confidence intervals (95% CI) are presented. All estimates in this report were calculated using weighted PRAMS data, whereas the sample size presented is unweighted. Responses with less than 5 observations are suppressed. The weighted response rate for 2017 was 60.5%.

*I hope that my completion of this survey helps in some small way - the community of mothers in CT... Thank you for allowing me to help and participate in this survey.*

*Thank you for all the work you do to help babies!*

*Thank you for trying to make a difference.*

*Thank you for your answer and question; your program. This is a really awesome way for a mother to share their experiences and feelings.*

*Thank you for choosing me to participate in this study.*

*~ CT PRAMS Moms*

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*Maternal Characteristics of Connecticut PRAMS Respondents, 2017*

Characteristic	n	Weighted n	Weighted %	95% CI	
<b>Age</b>					
<20 years	53	996	3.0	2.0	3.9
20-24	211	4,216	12.5	10.5	14.6
25-29	408	9,034	26.9	24.0	29.8
30-34	471	11,073	33.0	29.7	36.2
35+	328	8,286	24.7	21.7	27.7
<b>Maternal Race</b>					
White, non-Hispanic	283	17,467	52.1	51.6	52.6
Black, non-Hispanic	346	4,002	11.9	11.6	12.2
Hispanic	473	8,592	25.6	25.2	26.1
Other Races, non-Hispanic	368	3,469	10.3	10.2	10.5
<b>Maternal Education</b>					
<High School	188	3,112	9.3	7.8	10.8
High School	296	5,911	17.6	15.2	20.0
>High School	985	24,480	73.1	70.5	75.6
<b>Marital Status</b>					
Married	854	21,496	64.0	61.1	66.8
Not Married	617	12,108	36.0	33.2	38.9
<b>Federal Poverty Level</b>					
≤ 100%	439	7,983	27.5	24.7	30.2
101 - 200%	255	5,439	18.7	16.0	21.5
≥ 201%	527	15,639	53.8	50.5	57.1
<b>Previous Live Births</b>					
0	594	13,848	41.4	38.0	44.7
1	501	11,692	34.9	31.7	38.2
2	243	5,035	15.0	12.7	17.4
3	82	1,851	5.5	4.0	7.1
4+	49	1,047	3.1	2.0	4.3

**Table 1: Prevalence of health insurance types prior to pregnancy, survey question 12**

Question	n	Weighted %	95% CI
Source of insurance before pregnancy (all that apply)			
Private health insurance from my job or the job of my husband or partner	643	52.5	(49.4-55.6)
Private health insurance from my parents	50	3.1	(2.0-4.3)
Private health insurance from the CT Health Insurance Marketplace (Access Health CT) or www.accesshealthct.com or HealthCare.gov	100	5.6	(4.1-7.0)
Medicaid (HUSKY Health)	508	30.5	(27.6-33.3)
Tricare or other military health care	27	2.1	(1.1-3.2)
Indian Health Service or tribal health service	<i>Insufficient data to report</i>		
Other	45	2.9	(1.8-4.1)
No health insurance	187	8.9	(7.5-10.4)

**Table 2: Prevalence of health insurance types during pregnancy, survey question 13**

Question	n	Weighted %	95% CI
Source of insurance during pregnancy (all that apply)			
Private health insurance from my job or the job of my husband or partner	588	53.1	(49.9-56.2)
Private health insurance from my parents	29	1.7	(0.9-2.6)
Private health insurance from the CT Health Insurance Marketplace (Access Health CT) or www.accesshealthct.com or HealthCare.gov	79	5.0	(3.6-6.4)
Medicaid (HUSKY Health)	667	40.4	(37.3-43.5)
Tricare or other military health care	27	2.3	(1.2-3.5)
Indian Health Service or tribal health service	<i>Insufficient data to report</i>		
Other	59	3.6	(2.5-4.8)
No health insurance	46	2.0	(1.4-2.6)

## Insurance Status

**Table 3: Prevalence of current (at time of survey) health insurance types, survey question 14**

Question	n	Weighted %	95% CI
Source of insurance after pregnancy (all that apply)			
Private health insurance from my job or the job of my husband or partner	596	50.3	(47.2-53.4)
Private health insurance from my parents	23	1.5	(0.7-2.3)
Private health insurance from the CT Health Insurance Marketplace (Access Health CT) or www.accesshealthct.com or HealthCare.gov	72	4.1	(2.9-5.4)
Medicaid (HUSKY Health)	624	37.4	(34.4-40.5)
Tricare or other military health care	26	2.3	(1.2-3.4)
Indian Health Service or tribal health service	<i>Insufficient data to report</i>		
Other	33	1.9	(1.1-2.7)
No health insurance	158	7.2	(5.9-8.5)



**Table 4: Maternal Body Mass Index (BMI) immediately prior to pregnancy (derived from maternal report of height and weight, survey questions 1-2)**

Question	n	Weighted %	95% CI
Maternal BMI, pre-pregnancy			
Underweight (<18.5)	55	2.9	(1.9-3.9)
Normal (18.5-24.9)	593	43.4	(40.0-46.9)
Overweight (25.0-29.9)	379	28.1	(25.0-31.3)
Obese (≥30)	345	25.5	(22.5-28.6)

**Table 5: Prevalence of pregnancy history and birth outcomes, survey questions 4-5**

Question	n	Weighted %	95% CI
Birth History			
Previous live births			
No	588	41.8	(38.4-45.2)
Yes	860	58.2	(54.8-61.6)
Age difference between new baby and the child delivered just before new one? (multiparous mothers)			
0 to 12 months	37	4.0	(2.3-5.7)
13 to 18 months	54	6.2	(4.2-8.3)
19 to 24 months	84	12.4	(9.2-15.5)
More than 2 years but less than 3 years	134	19.0	(15.4-22.6)
3 to 5 years	247	28.0	(24.1-31.9)
More than 5 years	310	30.5	(26.7-34.3)

**Table 6: Prevalence of preconception health behaviors in the 12 months prior to pregnancy, survey question 6**

Question	n	Weighted %	95% CI
Behaviors in 12 months prior to pregnancy (% yes)			
Dieting to lose weight	395	30.5	(27.3-33.7)
Exercising 3+ days a week	560	43.0	(39.6-46.4)
Taking prescription medications other than birth control	291	22.4	(19.4-25.3)
Checked by a health care worker for diabetes	377	22.1	(19.4-24.7)
Spoke with health care provider about family medical history	615	41.7	(38.3-45.0)
Checked by a health care worker for depression or anxiety	284	20.2	(17.4-23.0)

**Table 7: Prevalence of health conditions in the 3 months prior to pregnancy, survey question 7**

Question	n	Weighted %	95% CI
Conditions in 3 months prior to pregnancy (% yes)			
Type 1 or Type 2 diabetes	42	2.5	(1.5-3.6)
Hypertension	65	4.6	(3.1-6.0)
Depression	113	9.3	(7.2-11.4)
Asthma	156	11.3	(9.1-13.5)
Thyroid problems	77	5.9	(4.2-7.5)
PCOS (polycystic ovarian syndrome)	64	4.4	(3.0-5.7)
Anxiety	192	17.6	(14.8-20.3)

**Table 8: Prevalence of multivitamin use in the month prior to pregnancy, survey question 8**

Question	n	Weighted %	95% CI
Multivitamin use			
Never	751	46.0	(42.7-49.2)
1-3 Times per week	87	5.1	(3.8-6.5)
4-6 Times per week	81	6.7	(4.9-8.5)
Everyday	545	42.2	(38.9-45.6)

**Table 9: In the 12 months before you got pregnant with your new baby, did you have any health care visits with a doctor, nurse, or other health care worker, including a dental or mental health worker?, survey question 9**

Question	n	Weighted %	95% CI
Preconception health visits			
No	495	27.1	(24.4-29.8)
Yes	950	72.9	(70.2-75.6)

**Table 10: What type of health care visit did you have in the 12 months before you got pregnant with your new baby?, survey question 10**

Question	n	Weighted %	95% CI
Types of health visits			
Regular checkup at my family doctor's office	572	56.0	(51.8-60.1)
Regular checkup at my OB/GYN's office	691	75.6	(72.2-79.0)
Visit for an illness or chronic condition	128	15.7	(12.6-18.9)
Visit for an injury	52	5.7	(3.8-7.5)
Visit for family planning or birth control	203	21.5	(18.1-24.9)
Visit for depression or anxiety	92	10.9	(8.3-13.6)
Visit to have my teeth cleaned by a dentist or dental hygienist	610	66.4	(62.5-70.2)
Other	130	14.0	(11.1-16.9)

**Table 11: During any of your health care visits in the 12 months before you got pregnant, did a doctor, nurse, or other health care worker do any of the following things??, survey question 11**

Question	n	Weighted %	95% CI
Topics discussed during preconception health visits (all that apply)			
Taking a vitamin with folic acid	368	40.8	(36.7-44.9)
Maintaining a healthy weight	470	48.8	(44.7-53.0)
Controlling any medical conditions such as diabetes or high blood pressure	189	15.3	(12.5-18.0)
Desire to have or not have children	433	49.1	(44.9-53.3)
Using birth control to prevent pregnancy	433	44.8	(40.6-48.9)
How to improve health before a pregnancy	361	36.7	(32.7-40.7)
Sexually transmitted infections such as chlamydia, gonorrhea, or syphilis	297	24.6	(21.4-27.9)
Smoking cigarettes	726	79.0	(75.6-82.4)
Someone was hurting me emotionally or physically	446	45.6	(41.5-49.8)
If I was feeling down or depressed	478	49.3	(45.1-53.5)
What kind of work I do	632	68.7	(64.8-72.6)
Test me for HIV	397	34.2	(30.5-37.9)

**Table 12: Feelings about becoming pregnant prior to this pregnancy, survey question 15**

Question	n	Weighted %	95% CI
Pregnancy feelings			
Wanted later	264	15.9	(13.5-18.2)
Wanted sooner	218	16.1	(13.5-18.6)
Wanted right then	662	49.5	(46.1-52.9)
Wanted never	76	4.2	(3.0-5.4)
Unsure	222	14.4	(12.0-16.7)

**Table 13: Proportion of women trying to become pregnant at the time they did, survey question 16**

Question	n	Weighted %	95% CI
Trying to get pregnant			
No	603	37.0	(33.8-40.1)
Yes	831	63.0	(59.9-66.2)

**Table 14: Prevalence of prepregnancy contraception use among women who were not trying to become pregnant, survey question 17**

Question	n	Weighted %	95% CI
Used birth control			
No	367	62.6	(57.6-67.6)
Yes	233	37.4	(32.4-42.4)

**Table 15: Reasons for not using contraception among women who were not trying to become pregnant and reported not using birth control, survey question 18**

Question	n	Weighted %	95% CI
Reasons for not using birth control (all that apply)			
Didn't mind getting pregnant	199	52.1	(45.6-58.7)
Didn't think could become pregnant at that time	103	24.9	(19.5-30.3)
Side effects from birth control	42	9.6	(5.8-13.3)
Problems acquiring birth control	21	5.5	(2.3-8.7)
Thought partner or I was sterile	34	7.2	(4.2-10.3)
Partner didn't want to use	65	15.7	(11.0-20.3)
Forgot to use a birth control method	24	4.6	(2.2-7.0)
Other	31	8.9	(4.9-12.8)

**Table 16: Prevalence of fertility drugs or medical procedures from a doctor, nurse, or other health care worker to help you get pregnant?, survey question 19**

Question	n	Weighted %	95% CI
Fertility drugs or medical procedures			
No	724	88.5	(85.5-91.4)
Yes	91	11.5	(8.6-14.5)

**Table 17: Fertility treatments during the month you got pregnant?, survey question 20**

Question	n	Weighted %	95% CI
Fertility drugs or medical procedures (all that apply)			
Fertility-enhancing drugs prescribed by a doctor (fertility drugs include Clomid®, Serophene®, Pergonal®, or other drugs that stimulate ovulation)	43	38.8	(27.0-50.6)
Artificial insemination or intrauterine insemination (treatments in which sperm, but NOT eggs, were collected and medically placed into a woman’s body)	19	18.5	(8.7-28.3)
Assisted reproductive technology (treatments in which BOTH a woman’s eggs and a man’s sperm were handled in the laboratory)	36	35.7	(24.1-47.3)
Other medical treatment	10	9.2	(2.1-16.3)
I wasn’t using fertility treatments during the month that I got pregnant with my new baby	16	9.9	(3.9-15.9)

**Table 18: Proportion of women receiving prenatal care in 1st trimester, survey question 21**

Question	n	Weighted %	95% CI
Received care in 1st trimester			
No	144	7.5	(6.1-8.9)
Yes	1271	91.5	(89.9-93.1)
No PNC	16	1.0	(0.4-1.7)

**Table 19: Proportion of women who received prenatal care as early as desired, survey question 22**

Question	n	Weighted %	95% CI
Received prenatal care as early as wanted			
No	152	10.2	(8.2-12.2)
Yes	1,281	89.8	(87.8-91.8)

**Table 20: Reasons for not getting prenatal care as early as desired, survey question 23**

Question	n	Weighted %	95% CI
Reasons for not getting prenatal care as early as wanted (all that apply)			
Couldn't get appointment	47	31.4	(21.5-41.2)
Didn't have enough money or insurance	20	11.5	(5.1-17.9)
No transportation	11	9.0	(2.6-15.3)
Doctor/health plan wouldn't start earlier	33	24.2	(14.7-33.6)
Had too many other things going on	24	16.3	(8.4-24.1)
Couldn't take time off work or school	17	11.6	(4.5-18.7)
I didn't have Medicaid card	14	8.8	(2.6-15.0)
No childcare	6	2.2	(0.2-4.1)
Didn't know I was pregnant	70	49.1	(38.3-59.9)
Didn't want anyone else to know I was pregnant	12	8.0	(1.9-14.1)
Didn't want prenatal care	9	6.8	(0.7-12.8)



**Table 21: Topics discussed by health care providers during prenatal care visits, survey question 24**

Question	n	Weighted %	95% CI
Topics during prenatal care visits (all that apply)			
Weight gain during pregnancy	898	64.2	(60.9-67.5)
Taking prescription medication	1,347	95.5	(94.4-96.7)
Smoking	1,372	96.6	(95.5-97.7)
Alcohol	1,365	96.6	(95.5-97.6)
Physical or emotional abuse by partners (IPV)	1,075	73.7	(70.6-76.8)
If I was feeling down or depressed	1,142	77.6	(74.7-80.5)
Illegal drugs	1,184	81.0	(78.2-83.8)
HIV testing	959	64.9	(61.5-68.2)
Breastfeeding	1,311	92.6	(90.9-94.4)
Postpartum birth control	1,190	81.6	(78.8-84.4)

**Table 22: Health care worker offered/told to get flu shot in 12 months prior to pregnancy, survey question 25**

Question	n	Weighted %	95% CI
Offered or told to get flu shot			
No	170	9.9	(8.1-11.8)
Yes	1,284	90.1	(88.2-91.9)

**Table 23: Receipt of flu shot in 12 months prior to delivery, survey question 26**

Question	n	Weighted %	95% CI
Received flu shot			
No	446	30.2	(27.0-33.3)
Yes, before pregnancy	182	10.6	(8.6-12.6)
Yes, during pregnancy	785	59.2	(55.9-62.6)

**Table 24: Prevalence of having a dental cleaning by a dentist or dental hygienist during pregnancy, survey question 27**

Question	n	Weighted %	95% CI
Received dental cleaning			
No	724	43.9	(40.6-47.2)
Yes	731	56.1	(52.8-59.4)

**Table 25: Oral health during pregnancy, survey question 28**

Question	n	Weighted %	95% CI
Care of teeth during pregnancy (% yes)			
Knew importance of dental care during pregnancy	1,248	89.0	(87.2-90.9)
Talked with dental or health care worker about oral care	822	60.8	(57.5-64.1)
Insurance covered dental care	1,175	85.7	(83.5-87.8)
Needed to see a dentist for a problem	265	16.8	(14.3-19.3)
Went to a dentist about a problem	243	15.4	(13.0-17.8)

**Table 26: Barriers to going to dentist during pregnancy, survey question 29**

Question	n	Weighted %	95% CI
Things that created problems getting dental care for a problem had during pregnancy (check all that apply)			
Couldn't find provider that took pregnant patients	86	5.1	(3.8-6.4)
Couldn't find provider that took Medicaid	74	4.3	(3.1-5.5)
Didn't think it was safe to go during pregnancy	252	12.7	(10.9-14.5)
Couldn't afford to go	158	9.1	(7.5-10.8)

## WIC Participation During Pregnancy

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**Table 27: Prevalence of WIC participation during pregnancy, survey question 30**

Question	n	Weighted %	95% CI
WIC during pregnancy			
No	833	68.0	(65.4-70.6)
Yes	608	32.0	(29.4-34.6)

**Table 28: Prevalence of health conditions during pregnancy, survey question 31**

<b>Question</b>	<b>n</b>	<b>Weighted %</b>	<b>95% CI</b>
Health problems during pregnancy (all that apply)			
Gestational diabetes	185	11.9	(9.8-14.1)
High blood pressure that started during this pregnancy, preeclampsia, or eclampsia	182	13.6	(11.2-16.0)
Depression	132	10.4	(8.2-12.5)
Thyroid problems	78	6.5	(4.7-8.4)
PCOS (polycystic ovarian syndrome)	57	4.4	(3.0-5.9)
Anxiety	178	15.4	(12.8-18.0)

**Table 29: Prevalence of women receiving 17P shots during pregnancy to prevent preterm delivery, survey question 32**

<b>Question</b>	<b>n</b>	<b>Weighted %</b>	<b>95% CI</b>
Weekly 17P shots			
No	1,244	89.4	(87.5-91.3)
Yes	124	6.9	(5.3-8.5)
I don't know	77	3.7	(2.6-4.8)

**Table 30: Prevalence of maternal tobacco use prior to, during and after pregnancy, survey questions 33-36**

Question	n	Weighted %	95% CI
<b>Tobacco use in past 2 years</b>			
No	1,278	85.9	(83.3-88.4)
Yes	173	14.1	(11.6-16.7)
<b>Tobacco use 3 months prior to pregnancy</b>			
No	1,306	87.5	(85.1-90.0)
Yes	143	12.5	(10.0-14.9)
<b>Tobacco use during last 3 months of pregnancy</b>			
No	1,393	94.9	(93.3-96.6)
Yes	58	5.1	(3.4-6.7)
<b>Tobacco use now</b>			
No	1,355	92.2	(90.2-94.2)
Yes	94	7.8	(5.8-9.8)
<b>Changes in tobacco use during pregnancy</b>			
Nonsmoker	1,306	87.5	(85.1-90.0)
Smoker quit	87	7.5	(5.6-9.4)
Smoker reduced	33	3.3	(1.9-4.8)
Smoker same/more	23	1.6	(0.7-2.6)
Nonsmoker resumed	0	--	--

## E-cigarette and Other Tobacco Product Use

**Table 31: Prevalence of other tobacco products and E-cigarettes prior to and during, survey questions 37-39**

Question	n	Weighted %	95% CI
Use in past 2 years			
E-cigarettes or other electronic nicotine products	50	4.5	(2.9-6.0)
Hookah	86	5.8	(4.2-7.3)
Chewing tobacco, snuff, or snus	<i>Insufficient data to report</i>		
Cigars, cigarillos, clove cigars, or little cigars	28	2.1	(1.1-3.2)
E-cigarette use 3 months prior to pregnancy			
More than once a day	6	1.0	(0.1-1.8)
Once a day	<i>Insufficient data to report</i>		
2-6 days a week	0	--	--
1 day a week or less	12	0.9	(0.1-1.7)
I did not use e-cigarettes or other electronic nicotine products then	1,430	98.0	(96.9-99.2)
E-cigarette use during last 3 months of pregnancy			
More than once a day	<i>Insufficient data to report</i>		
Once a day	0	--	--
2-6 days a week	0	--	--
1 day a week or less	<i>Insufficient data to report</i>		
I did not use e-cigarettes or other electronic nicotine products then	1,445	99.7	(99.4-100.0)

**Table 32: Prevalence of maternal alcohol use prior to, during and after pregnancy, survey questions 40-42**

Question	n	Weighted %	95% CI
<b>Alcohol use in past 2 years</b>			
No	636	32.5	(29.8-35.2)
Yes	806	67.5	(64.8-70.2)
<b>Alcohol use 3 months prior to pregnancy</b>			
No	785	42.5	(39.4-45.6)
Yes	655	57.5	(54.4-60.6)
<b>Alcohol use during last 3 months of pregnancy</b>			
No	1,348	91.3	(89.2-93.4)
Yes	97	8.7	(6.6-10.8)
<b>Changes in alcohol during pregnancy</b>			
Nondrinker	780	42.3	(39.2-45.4)
Drinker quit	563	49.0	(45.7-52.3)
Drinker reduced	50	6.1	(4.2-8.0)
Drinker same/more	41	2.3	(1.4-3.2)
Nondrinker resumed	5	0.2	(0.0-0.4)



**Table 33: Prevalence of stressful life events in the 12 months prior to baby was born, survey question 43**

Question	n	Weighted %	95% CI
Maternal stressors in 12 months before baby was born (Check, all that apply)			
Family member sick	290	22.2	(19.2-25.1)
Separation/divorce	86	5.6	(4.1-7.1)
Moved to new address	420	28.9	(25.8-32.0)
Homeless	34	2.0	(1.1-2.9)
Partner lost job	120	7.9	(6.2-9.7)
Mother lost job	154	10.0	(8.0-11.9)
Cut in work hours or pay	220	14.7	(12.3-17.0)
Apart from husband or partner	45	2.7	(1.6-3.7)
Argued with partner more	252	16.9	(14.4-19.5)
Partner said didn't want pregnancy	79	4.8	(3.4-6.2)
Had bills couldn't pay	229	15.5	(13.1-17.8)
Partner or I went to jail	27	1.6	(0.8-2.3)
Someone close had problem with drinking/drugs	101	9.3	(7.2-11.5)
Someone close died	238	16.6	(14.0-19.2)

*Physical Violence*

**Table 34: Prevalence of physical violence 12 months prior to and during pregnancy, survey questions 44-45**

<b>Question</b>	<b>n</b>	<b>Weighted %</b>	<b>95% CI</b>
Violence, before pregnancy			
My husband or partner	21	1.1	(0.5-1.6)
My ex-husband or ex-partner	18	1.0	(0.5-1.5)
Another family member	11	0.5	(0.2-0.7)
Someone else	11	0.6	(0.2-1.1)
Violence, during pregnancy			
My husband or partner	21	1.3	(0.6-2.0)
My ex-husband or ex-partner	12	0.9	(0.3-1.6)
Another family member	9	0.6	(0.1-1.1)
Someone else	6	0.6	(0.0-1.2)

## Experiences of Discrimination

**Table 35: Experiences of discrimination or harassment because of race, ethnicity or culture in the 12 months prior to pregnancy, survey question 70**

Question	n	Weighted %	95% CI
How often experienced discrimination or harassment			
Always	14	0.5	(0.3-0.8)
Often	20	1.1	(0.5-1.8)
Sometimes	96	4.3	(3.3-5.3)
Rarely	154	8.1	(6.5-9.8)
Never	1,152	85.9	(84.0-87.9)

**Table 36: Experiences of discrimination based on different maternal characteristics at health related services during pregnancy, survey question 71**

Question	n	Weighted %	95% CI
Maternal characteristic felt discriminated against (check all that apply)			
Race, ethnicity, or culture	63	2.9	(2.0-3.8)
Age	47	3.6	(2.3-4.8)
Language spoke	39	2.6	(1.5-3.6)
Citizenship	25	1.2	(0.7-1.8)
Insurance or Medicaid status	61	4.7	(3.1-6.2)
Other	41	3.0	(1.9-4.2)

**Table 37: Experiences of racial or ethnic discrimination during pregnancy, survey question 72**

Question	n	Weighted %	95% CI
Experiences of discrimination (check all that apply)			
Felt that race or ethnic background contributed to level of stress	63	2.6	(1.9-3.3)
Felt emotionally upset as a result of how treated based on race or ethnic background	70	3.0	(2.2-3.9)
Experienced physical symptoms that were related to treatment based on race or ethnic background	42	2.0	(1.3-2.7)

**Table 38: Prevalence of delivery methods, survey question 47**

Question	n	Weighted %	95% CI
Delivery method			
Vaginal	957	66.9	(63.7-70.1)
Cesarean section	482	33.1	(29.9-36.3)

**Table 39: Reasons baby born by C-Section, survey question 48**

Question	n	Weighted %	95% CI
Reasons baby born by C-section (check all that apply)			
Had a previous C-section	197	39.1	(33.4-44.8)
Baby was breech	97	21.8	(16.9-26.8)
Past due date	35	6.6	(3.7-9.5)
Baby too big	41	10.1	(6.4-13.8)
Medical condition that made labor dangerous	35	5.2	(3.0-7.5)
Pregnancy complication	89	20.3	(15.4-25.1)
Induction did not work	78	13.1	(9.4-16.9)
Labor taking too long	85	14.9	(10.9-19.0)
Fetal distress	91	17.8	(13.3-22.3)
Wanted to schedule delivery	38	7.7	(4.6-10.8)
Didn't want to have baby vaginally	24	5.3	(2.6-8.0)
Other	77	14.6	(10.5-18.8)

**Table 40: Infant length of hospital stay after birth, survey questions 49**

Question	n	Weighted %	95% CI
Baby length of stay after delivery			
Not born in hospital	6	0.5	(0.0-1.0)
< 1 day	16	0.7	(0.3-1.1)
1 to 2 days	721	52.8	(49.4-56.2)
3 to 5 days	580	38.3	(35.0-41.6)
6-14 days	62	4.5	(3.0-6.0)
14+ days	51	3.1	(2.0-4.2)
Baby still in hospital	<i>Insufficient data to report</i>		

**Table 41: Infant alive now and infant living with mother, survey questions 50-51**

Question	n	Weighted %	95% CI
Infant alive now?			
No	<i>Insufficient data to report</i>		
Yes	1,430	99.9	(99.7-100.0)
Infant living with mother			
No	17	1.2	(0.5-1.9)
Yes	1,408	98.8	(98.1-99.5)

**Table 42: Sources of information about breastfeeding, survey question 52**

Question	n	Weighted %	95% CI
Sources (% yes)			
Doctor	1,158	82.5	(79.8-85.2)
Nurse, midwife, or doula	1,052	78.1	(75.2-80.9)
Breastfeeding or lactation specialist	1,027	73.6	(70.5-76.7)
Baby's doctor or health care provider	1,007	71.5	(68.2-74.7)
Breastfeeding support group	347	22.8	(20.0-25.7)
Breastfeeding hotline or toll-free number	174	9.6	(7.8-11.4)
Family or friends	882	64.8	(61.5-68.1)
Other	171	13.3	(10.8-15.8)

**Table 43: Prevalence of ever breastfeeding and breastfeeding duration at 4 and 8 weeks, survey questions 53-55**

Question	n	Weighted %	95% CI
Breastfeeding (ever)			
No	120	8.8	(6.8-10.8)
Yes	1,302	91.2	(89.2-93.2)
Duration of breastfeeding (to at least 4 weeks)			
No	277	20.4	(17.6-23.2)
Yes	1,138	79.6	(76.8-82.4)
Duration of breastfeeding (to at least 8 weeks)			
No	381	27.9	(24.8-31.0)
Yes	1,034	72.1	(69.0-75.2)

**Table 44: Prevalence of baby friendly activities in the hospital, survey question 77**

Question	n	Weighted %	95% CI
For babies born at the hospital (check all that apply)			
Hospital staff gave me information about breastfeeding	1,354	95.9	(94.5-97.3)
My baby stayed in the same room with me	1,241	89.2	(87.2-91.2)
Breastfed my baby	1,242	88.1	(85.9-90.4)
Hospital staff helped me learn how to breastfeed	1,191	81.2	(78.4-84.1)
Breastfed in the first hour	985	72.2	(69.1-75.3)
Skin-to-skin	1,197	86.6	(84.4-88.9)
Fed only breast milk	730	55.3	(51.8-58.7)
Breastfed whenever my baby wanted	1,173	85.0	(82.5-87.4)
Used breast pump	722	47.7	(44.3-51.1)
Given gift pack with formula	681	45.2	(41.8-48.7)
Given telephone number for breastfeeding help	1,088	76.9	(73.9-79.9)
Baby given pacifier	732	50.5	(47.1-54.0)

## Infant Sleep Environment

**Table 45: Prevalence of infant sleep position, bed sharing and room sharing, survey questions 56-58**

Question	n	Weighted %	95% CI
Usual way of placing baby down to sleep*			
Side	179	10.7	(8.7-12.7)
Back	1,059	79.6	(77.2-82.1)
Stomach	113	6.7	(5.1-8.2)
Side/back	41	1.9	(1.2-2.5)
Side/stomach	<i>Insufficient data to report</i>		
Back/stomach	9	0.5	(0.2-0.8)
All three positions	13	0.5	(0.2-0.8)
Infant sleeping alone			
Always	792	61.8	(58.5-65.1)
Often	267	16.8	(14.3-19.3)
Sometimes	165	9.7	(7.8-11.6)
Rarely	67	3.6	(2.6-4.7)
Never	118	8.1	(6.2-9.9)
Sleeping alone in same room as parents			
No	183	21.5	(18.4-24.7)
Yes	1,101	78.5	(75.3-81.6)

\*Note: Women were asked to choose just one usual way of placing baby down to sleep, but a large number of women picked 2 or more.



**Table 46: Usual infant sleep environment in past 2 weeks, survey question 59**

Question	n	Weighted %	95% CI
Locations (all that apply)			
Crib, bassinet, or pack and play	1,293	92.8	(91.1-94.5)
Twin or larger mattress or bed	471	26.1	(23.4-28.8)
Couch, sofa, or armchair	106	6.1	(4.6-7.6)
Infant car seat or swing	677	51.0	(47.5-54.5)
Sleeping sack or wearable blanket	435	42.4	(39.0-45.8)
With a blanket	633	42.4	(39.0-45.8)
With toys, cushions, or pillows, including nursing pillows	118	8.0	(6.2-9.8)
Crib bumper pads (mesh or non-mesh)	245	15.6	(13.2-18.0)

**Table 47: Infant sleep recommendations from health care worker, survey question 60**

Question	n	Weighted %	95% CI
Did they tell you (all that apply):			
Place baby on their back to sleep	1,325	95.7	(94.6-96.9)
Place baby to sleep in a crib, bassinet, or pack and play	1,245	89.3	(87.3-91.4)
Place baby's crib or bed in my room	843	59.8	(56.4-63.2)
Things that should and should not go in bed with my baby	1,283	92.9	(91.3-94.6)

**Table 48: Prevalence of postpartum contraception use and reasons for not using a contraception method postpartum, survey questions 61-63**

Question	n	Weighted %	95% CI
Postpartum birth control use			
Not currently using	362	25.0	(22.1-28.0)
Currently using	1,072	75.0	(72.0-77.9)
If no current birth control, why not (Check all that apply)			
Want to get pregnant	47	13.4	(8.7-18.2)
Pregnant now	8	1.9	(0.0-3.9)
Tubes tied	18	3.9	(1.6-6.1)
Don't want to use	114	36.4	(29.6-43.2)
Side effects	104	31.0	(24.5-37.6)
Not having sex	120	26.9	(21.1-32.7)
Partner doesn't want to use	37	8.5	(4.8-12.2)
Problems paying for birth control	15	2.0	(0.9-3.1)
Other	72	23.8	(17.8-29.9)
If currently using birth control, what kind (Check all that apply)			
Tubes tied or blocked	86	6.8	(4.9-8.6)
Vasectomy	17	2.1	(0.9-3.3)
Birth control pills	253	27.1	(23.5-30.7)
Condoms	337	30.0	(26.4-33.6)
Injection	105	6.9	(5.4-8.4)
Contraceptive patch or ring	24	1.7	(0.9-2.6)
IUD	183	16.4	(13.5-19.2)
Contraceptive implant	72	5.5	(3.9-7.1)
Natural family planning	52	6.1	(4.0-8.1)
Withdrawal	139	15.3	(12.3-18.2)
Abstinence	117	11.0	(8.5-13.6)
Other	13	1.7	(0.6-2.8)

**Table 49: Prevalence of maternal postpartum check-up, survey question 64**

Question	n	Weighted %	95% CI
Received a postpartum check-up			
No	111	6.2	(4.8-7.7)
Yes	1,330	93.8	(92.3-95.2)

**Table 50: Topics discussed or services received during postpartum check-up, survey question 65**

Question	n	Weighted %	95% CI
Topics discussed or services provided:			
Taking a vitamin with folic acid	796	56.1	(52.6-59.7)
Eating healthy, exercise, and losing weight gained during pregnancy	848	62.0	(58.5-65.4)
How long to wait before getting pregnant again	701	50.0	(46.5-53.6)
Birth control methods	1,182	89.7	(87.5-91.9)
Prescribed a contraceptive method	616	43.4	(40.0-46.9)
Had an IUD or a contraceptive implant inserted	299	20.0	(17.3-22.7)
Smoking cigarettes	860	62.1	(58.7-65.6)
Emotional/physical abuse	860	59.0	(55.5-62.5)
Feeling down or depressed	1,146	87.0	(84.6-89.3)
Test for diabetes	442	25.2	(22.5-27.8)

**Table 51: Prevalence of maternal postpartum depressive symptoms, survey questions 66-67**

Question	n	Weighted %	95% CI
Postpartum depressive symptoms			
Down, depressed, hopeless			
Always	16	0.9	(0.3-1.4)
Often	60	4.8	(3.3-6.3)
Sometimes	266	17.5	(15.0-20.1)
Rarely	405	33.7	(30.4-37.0)
Never	688	43.1	(39.8-46.4)
Little interest or pleasure in doing things			
Always	80	4.4	(3.1-5.7)
Often	82	5.5	(3.9-7.0)
Sometimes	297	17.6	(15.1-20.0)
Rarely	313	25.0	(21.9-28.0)
Never	661	47.6	(44.2-51.0)
Postpartum Depressive Symptoms *			
No	1,226	87.3	(85.1-89.5)
Yes	204	12.7	(10.5-14.9)

\*Yes indicates mother answered often or always to one or both questions about depression

**Table 52: Prevalence of seeking help for depression postpartum, survey question 68**

Question		n	Weighted %	95% CI
Asked for help for depression	No	1,284	87.8	(85.5-90.2)
	Yes	156	12.2	(9.8-14.5)

**Table 53: Prevalence of depression during pregnancy, survey question 69**

Question		n	Weighted %	95% CI
Health care worker indicated depression	No	1,303	90.0	(87.9-92.1)
	Yes	134	10.0	(7.9-12.1)

**Table 54: Support available to mom postpartum, survey question 73**

Question	n	Weighted %	95% CI
Who would help you (all that apply)			
Husband or partner	1,287	91.3	(89.6-92.9)
Mother, father, or in-laws	1,055	79.1	(76.6-81.5)
Other family member or relative	839	62.6	(59.4-65.8)
A friend	734	56.5	(53.3-59.8)
Religious community	259	16.5	(14.1-19.0)
Someone else	85	5.9	(4.3-7.5)
No one would help	18	0.9	(0.4-1.4)

**Table 55: Frequency of emotional support from husband or partner, survey question 74**

Question	n	Weighted %	95% CI
Frequency of emotional support			
Always	871	59.3	(55.9-62.7)
Often	282	23.9	(20.9-27.0)
Sometimes	149	9.5	(7.6-11.4)
Rarely	46	2.7	(1.7-3.7)
Never	74	4.6	(3.2-5.9)

**Table 56: Frequency of paternal material support for infant postpartum (e.g., money, food, shelter, clothing, health care), survey question 75**

Question	n	Weighted %	95% CI
Frequency of material support			
Always	1,172	85.3	(83.1-87.6)
Often	92	5.5	(4.1-6.9)
Sometimes	45	2.8	(1.8-3.9)
Rarely	37	2.0	(1.1-2.9)
Never	72	4.3	(3.0-5.6)

**Table 57: Frequency of paternal emotional involvement when with infant (e.g., hug, kiss, hold, play with baby), survey question 76**

Question	n	Weighted %	95% CI
Frequency of emotional involvement when with baby			
Always	1,065	72.9	(69.7-76.0)
Often	228	19.5	(16.7-22.4)
Sometimes	47	3.0	(1.8-4.1)
Rarely	10	0.6	(0.1-1.2)
Never	16	0.7	(0.3-1.1)
Father doesn't spend time with baby	54	3.3	(2.1-4.5)

**Table 58: Total household income during the 12 months before baby was born, survey question 78**

Question	n	Weighted %	95% CI
Total household income in the 12 months before the baby was born			
\$10,000 or less	182	11.3	(9.3-13.2)
\$10,001 - \$16,000	91	5.9	(4.4-7.4)
\$16,001 - \$20,000	83	4.9	(3.5-6.2)
\$20,001 to \$24,000	74	4.4	(3.2-5.7)
\$24,001 to \$28,000	66	4.3	(3.0-5.6)
\$28,001 to \$32,000	66	4.6	(3.1-6.1)
\$32,001 to \$40,000	68	4.2	(2.9-5.6)
\$40,001 to \$48,000	66	5.4	(3.8-7.0)
\$48,001 to \$57,000	48	3.5	(2.2-4.9)
\$57,001 to \$60,000	34	2.5	(1.4-3.6)
\$60,001 to \$73,000	78	6.7	(4.8-8.6)
\$73,001 to \$85,000	68	6.0	(4.2-7.7)
\$85,001 to \$99,999	73	8.4	(6.2-10.7)
\$100,000 or more	266	27.8	(24.5-31.2)