

CONNECTICUT PREGNANCY RISK ASSESSMENT MONITORING SYSTEM (PRAMS)

2019 Data Report



MARCH 2021

WORKING TO MAKE CONNECTICUT BABIES AND MOTHERS HEALTHIER

Acknowledgements

We would like to thank all the women who participated in the Connecticut PRAMS survey, without whom this report would not have been possible.

Thanks also to the following for their continued contributions to the project:

∞ Connecticut PRAMS Project Staff:

Jennifer Morin, MPH, Epidemiologist: Principal Investigator, Project Director/Coordinator, and Analyst

Lisa Budris, MS, MPH, Epidemiologist: Data Manager

Tabitha Fox, Epidemiologist: Data Manager

Laura Hayes, PhD, Epidemiologist: Monthly birth record sampling

Karyn Backus, MPH, Epidemiologist: Monthly birth record sampling

∞ Connecticut DPH Office of Vital Records

∞ CDC PRAMS Team, especially Brenda Bauman, Connecticut PRAMS Project Manager

∞ Connecticut PRAMS Steering Committee

Additional thanks to Wyoming PRAMS for the use of their annual data report template.

Funding for Connecticut PRAMS: Connecticut PRAMS is supported by funding from the Centers for Disease Control and Prevention (CDC) (Grant # 6U01DP006193) and the Health Resources and Services Administration (HRSA) (Grant # H18MC00007). The contents of this publication are solely the responsibility of the authors and do not necessarily represent the views of the CDC or HRSA.

Suggested Citation: Connecticut Department of Public Health. *Connecticut Pregnancy Risk Assessment Monitoring System (PRAMS) 2019 Data Report*. Hartford, CT; March 2021.

Introduction

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

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.

Data in this Report

Data collected from sampled mothers are weighted to represent the cohort of Connecticut resident women who delivered a live born infant in 2019. 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 2019 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 2019 was 56%.

I enjoy being a mom! Its a hard work but its worth it. Also, love breastfeeding my baby boy.

Not enough care/follow up in initial weeks postpartum! Doctors/nurses should be checking in!

All women should be guaranteed prenatal and postpartum care. Pregnancy and childbirth are incredibly strenuous for the body and mind. Letting women go through it without proper care is inhumane. I would gladly pay higher taxes if state of CT was to provide such care to women that cannot afford it!

Husky A is excellent. My care during pregnancy was great. My baby is very healthy and happy.

Emotional support goes a long way

Hope this helps! Our family is complete with our newest addition!

I feel like my experience could have been better for health provider considers about mental health services. I felt I was not listened to during my post - partum care, had severe pains during breastfeeding, had to reach out to lactation specialist, questions about port - partum issues.

~ CT PRAMS Moms

Table of Contents

Maternal Characteristics of Connecticut PRAMS Respondents.....	5
Insurance Status.....	6
Preconception Health.....	8
Family Planning Prior to Pregnancy.....	12
Fertility and Reproductive Medicine	14
Prenatal Care.....	15
Flu Shot.....	17
Oral Health During Pregnancy.....	18
WIC Participation During Pregnancy.....	19
Prenatal Health Conditions and Treatment.....	20
Tobacco Use.....	21
E - cigarette and Other Tobacco Product Use.....	22
Alcohol Use.....	23
Maternal Stressors.....	24
Physical Violence.....	25
Experiences of Discrimination.....	26
Delivery.....	27
Infant Health and Care.....	28
Breastfeeding.....	29
Infant Sleep Environment.....	31
Family Planning Postpartum.....	33
Postpartum Health Visit.....	34
Postpartum Depression.....	35
Maternal Support Postpartum.....	37
Paternal Involvement and Support.....	38
Household Income.....	39

Maternal Characteristics of Connecticut PRAMS Respondents, 2019

Characteristic	n	Weighted n	Weighted %	95% CI	
Age					
<20 years	32	634	1.9	1.2	2.7
20 - 24	152	3,895	11.9	9.8	14.1
25 - 29	305	8,304	25.4	22.2	28.7
30 - 34	422	11,653	35.7	32.3	39.1
35+	292	8,181	25.0	22.0	28.1
Maternal Race					
White, non-Hispanic	260	17,113	52.5	51.8	53.2
Black, non-Hispanic	277	3,936	12.1	11.8	12.3
Hispanic	401	8,517	26.1	25.6	26.6
Other Races, non - Hispanic	264	3,043	9.3	9.1	9.6
Maternal Education					
<High School	150	3,212	9.8	8.2	11.5
High School	244	5,884	18.0	15.5	20.6
>High School	806	23,517	72.1	69.3	74.9
Marital Status					
Married	680	20,368	62.5	59.4	65.6
Not Married	522	12,209	37.5	34.4	40.6
Federal Poverty Level					
≤ 100%	355	7,855	27.1	24.3	29.9
101 - 200%	174	4,077	14.1	11.6	16.5
≥ 201%	485	17,044	58.8	55.6	62.0
Previous Live Births					
0	466	13,869	42.6	39.1	46.2
1	400	10,413	32.0	28.7	35.3
2	223	5,782	17.8	15.1	20.4
3	62	1,392	4.3	3.0	5.5
4+	49	1,077	3.3	2.2	4.4

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	572	56.8	(53.7 - 59.9)
Private health insurance from my parents	36	3.7	(2.1 - 5.2)
Private health insurance from the CT Health Insurance Marketplace (Access Health CT) or www.accesshealthct.com or HealthCare.gov	67	4.1	(3.0 - 5.2)
Medicaid (HUSKY Health)	409	28.1	(25.3 - 31.0)
Tricare or other military health care	8	0.4	(0.1 - 0.8)
Indian Health Service or tribal health service	<i>Insufficient data to report</i>		
Other	23	1.5	(0.8 - 2.3)
No health insurance	144	9.6	(7.8 - 11.3)

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	535	56.6	(53.4 - 59.8)
Private health insurance from my parents	27	2.9	(1.5 - 4.3)
Private health insurance from the CT Health Insurance Marketplace (Access Health CT) or www.accesshealthct.com or HealthCare.gov	48	2.8	(1.9 - 3.6)
Medicaid (HUSKY Health)	529	38.7	(35.5 - 41.9)
Tricare or other military health care	8	0.5	(0.1 - 0.9)
Indian Health Service or tribal health service	<i>Insufficient data to report</i>		
Other	26	1.7	(1.0 - 2.5)
No health insurance	37	2.7	(1.6 - 3.8)

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	532	54.5	(51.4 - 57.6)
Private health insurance from my parents	23	2.0	(0.9 - 3.0)
Private health insurance from the CT Health Insurance Marketplace (Access Health CT) or www.accesshealthct.com or HealthCare.gov	48	2.5	(1.7 - 3.2)
Medicaid (HUSKY Health)	517	35.8	(32.8 - 38.9)
Tricare or other military health care	7	0.4	(0.1 - 0.6)
Indian Health Service or tribal health service	<i>Insufficient data to report</i>		
Other	18	1.1	(0.5 - 1.8)
No health insurance	94	5.7	(4.5 - 6.9)

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)	36	2.7	(1.6 - 3.9)
Normal (18.5 - 24.9)	492	44.5	(40.8 - 48.1)
Overweight (25.0 - 29.9)	315	28.9	(25.5 - 32.3)
Obese (≥30)	294	23.9	(20.9 - 27.0)

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

Question	n	Weighted %	95% CI
Birth History			
Previous live births			
No	469	43.2	(39.6 - 46.8)
Yes	719	56.8	(53.2 - 60.5)
Age difference between new baby and the child delivered just before new one? (multiparous mothers)			
0 to 12 months	30	3.3	(1.9 - 4.6)
13 to 18 months	51	7.8	(5.3 - 10.4)
19 to 24 months	65	11.6	(8.4 - 14.8)
More than 2 years but less than 3 years	118	20.4	(16.5 - 24.2)
3 to 5 years	218	29.2	(25.1 - 33.3)
More than 5 years	245	27.8	(24.2 - 31.4)

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	370	33.0	(29.6 - 36.4)
Exercising 3+ days a week	465	40.9	(37.4 - 44.5)
Taking prescription medications other than birth control	230	22.5	(19.4 - 25.7)
Checked by a health care worker for diabetes	291	21.7	(19.0 - 24.5)
Spoke with health care provider about family medical history	511	45.0	(41.4 - 48.6)
Checked by a health care worker for depression or anxiety	270	22.8	(19.8 - 25.8)

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	27	2.2	(1.2 - 3.3)
Hypertension	53	4.4	(2.9 - 5.9)
Depression	122	12.2	(9.7 - 14.7)
Asthma	143	11.6	(9.3 - 13.9)
Thyroid problems	84	8.5	(6.3 - 10.7)
PCOS (polycystic ovarian syndrome)	53	4.2	(2.8 - 5.6)
Anxiety	237	23.7	(20.5 - 26.8)

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

Question	n	Weighted %	95% CI
Multivitamin use			
Never	594	43.7	(40.3 - 47.1)
1 - 3 Times per week	99	6.5	(5.0 - 8.1)
4 - 6 Times per week	61	6.1	(4.3 - 8.0)
Everyday	442	43.6	(40.1 - 47.1)

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	381	26.4	(23.6 - 29.3)
Yes	809	73.6	(70.7 - 76.4)

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	492	55.9	(51.6 - 60.2)
Regular checkup at my OB/GYN's office	612	77.1	(73.5 - 80.7)
Visit for an illness or chronic condition	113	17.2	(13.7 - 20.6)
Visit for an injury	29	3.1	(1.7 - 4.5)
Visit for family planning or birth control	173	23.5	(19.7 - 27.3)
Visit for depression or anxiety	97	13.7	(10.6 - 16.8)
Visit to have my teeth cleaned by a dentist or dental hygienist	549	73.0	(69.4 - 76.6)
Other	92	11.0	(8.3 - 13.7)

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	299	41.1	(36.8 - 45.4)
Maintaining a healthy weight	396	47.4	(43.0 - 51.7)
Controlling any medical conditions such as diabetes or high blood pressure	166	16.8	(13.9 - 19.7)
Desire to have or not have children	388	52.6	(48.3 - 57.0)
Using birth control to prevent pregnancy	367	42.7	(38.4 - 46.9)
How to improve health before a pregnancy	287	34.3	(30.2 - 38.4)
Sexually transmitted infections such as chlamydia, gonorrhea, or syphilis	272	28.3	(24.6 - 31.9)
Smoking cigarettes	626	78.7	(75.2 - 82.3)
Someone was hurting me emotionally or physically	473	58.8	(54.5 - 63.1)
If I was feeling down or depressed	470	57.0	(52.6 - 61.3)
What kind of work I do	582	75.5	(71.8 - 79.2)
Test me for HIV	328	32.7	(29.1 - 36.4)

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

Question	n	Weighted %	95% CI
Pregnancy feelings			
Wanted later	203	15.7	(13.2 - 18.2)
Wanted sooner	193	18.3	(15.4 - 21.1)
Wanted right then	529	47.6	(44.0 - 51.2)
Wanted never	71	5.3	(3.8 - 6.8)
Unsure	191	13.1	(10.9 - 15.4)

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	521	37.3	(34.1 - 40.6)
Yes	664	62.7	(59.4 - 65.9)

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	320	60.9	(55.5 - 66.3)
Yes	195	39.1	(33.7 - 44.5)

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	180	56.8	(50.2 - 63.5)
Didn't think could become pregnant at that time	106	30.3	(24.4 - 36.3)
Side effects from birth control	49	14.9	(9.9 - 19.9)
Problems acquiring birth control	22	5.9	(2.9 - 9.0)
Thought partner or I was sterile	21	6.6	(3.2 - 10.1)
Partner didn't want to use	52	15.9	(10.7 - 21.1)
Forgot to use a birth control method	28	8.9	(4.8 - 13.1)
Other	38	10.7	(6.8 - 14.7)

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	571	86.1	(82.7 - 89.5)
Yes	81	13.9	(10.5 - 17.3)

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)	37	39.4	(27.1 - 51.6)
Artificial insemination or intrauterine insemination (treatments in which sperm, but NOT eggs, were collected and medically placed into a woman’s body)	23	22.2	(12.0 - 32.4)
Assisted reproductive technology (treatments in which BOTH a woman’s eggs and a man’s sperm were handled in the laboratory)	41	47.6	(35.4 - 59.7)
Other medical treatment	9	9.8	(2.8 - 16.8)
I wasn’t using fertility treatments during the month that I got pregnant with my new baby	5	4.3	(0.0 - 8.7)

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	115	7.2	(5.8 - 8.7)
Yes	1,039	92.5	(91.0 - 94.0)
No PNC	6	0.3	(0.1 - 0.5)

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	111	8.7	(6.7 - 10.6)
Yes	1,067	91.3	(89.4 - 93.3)

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	35	27.2	(17.4 - 36.9)
Didn't have enough money or insurance	22	20.6	(10.7 - 30.5)
No transportation	8	6.4	(2.2 - 10.6)
Doctor/health plan wouldn't start earlier	33	36.1	(24.0 - 48.1)
Had too many other things going on	14	12.7	(4.5 - 20.8)
Couldn't take time off work or school	9	5.8	(2.1 - 9.6)
I didn't have Medicaid card	16	12.8	(6.2 - 19.5)
No childcare	<i>Insufficient data to report</i>		
Didn't know I was pregnant	46	45.3	(33.2 - 57.3)
Didn't want anyone else to know I was pregnant	11	10.1	(2.3 - 18.0)
Didn't want prenatal care	5	5.5	(0.0 - 11.0)

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	741	63.0	(59.5 - 66.6)
Taking prescription medication	1,108	95.8	(94.7 - 96.9)
Smoking	1,136	97.1	(96.0 - 98.2)
Alcohol	1,129	96.9	(95.7 - 98.0)
Physical or emotional abuse by partners (IPV)	932	78.6	(75.6 - 81.7)
If I was feeling down or depressed	974	80.9	(77.9 - 83.8)
Illegal drugs	995	82.6	(79.7 - 85.4)
HIV testing	757	61.1	(57.5 - 64.7)
Breastfeeding	1,081	90.8	(88.6 - 93.0)
Postpartum birth control	970	78.1	(74.9 - 81.3)

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	100	6.5	(5.0 - 8.1)
Yes	1,095	93.5	(91.9 - 95.0)

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

Question	n	Weighted %	95% CI
Received flu shot			
No	331	25.3	(22.3 - 28.4)
Yes, before pregnancy	166	13.9	(11.4 - 16.4)
Yes, during pregnancy	681	60.8	(57.3 - 64.2)

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	570	43.2	(39.6 - 46.7)
Yes	626	56.8	(53.3 - 60.4)

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	1,030	89.1	(87.0 - 91.1)
Talked with dental or health care worker about oral care	684	60.1	(56.5 - 63.6)
Insurance covered dental care	1,011	87.6	(85.4 - 89.8)
Needed to see a dentist for a problem	197	15.4	(12.8 - 17.9)
Went to a dentist about a problem	177	13.3	(11.0 - 15.7)

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	52	3.4	(2.3 - 4.5)
Couldn't find provider that took Medicaid	60	4.8	(3.3 - 6.4)
Didn't think it was safe to go during pregnancy	205	14.6	(12.2 - 17.0)
Couldn't afford to go	104	7.6	(5.8 - 9.3)

WIC Participation During Pregnancy

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

Question	n	Weighted %	95% CI
WIC during pregnancy			
No	682	67.9	(65.2 - 70.7)
Yes	488	32.1	(29.3 - 34.8)

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

Question	n	Weighted %	95% CI
Health problems during pregnancy (all that apply)			
Gestational diabetes	149	11.9	(9.6 - 14.2)
High blood pressure that started during this pregnancy, preeclampsia, or eclampsia	151	13.8	(11.2 - 16.3)
Depression	135	11.8	(9.4 - 14.1)
Thyroid problems	94	8.5	(6.4 - 10.6)
PCOS (polycystic ovarian syndrome)	43	3.5	(2.2 - 4.8)
Anxiety	217	20.7	(17.7 - 23.8)

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

Question	n	Weighted %	95% CI
Weekly 17P shots			
No	1,033	89.8	(87.9 - 91.7)
Yes	86	6.1	(4.5 - 7.7)
I don't know	67	4.1	(3.1 - 5.2)

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

Question		n	Weighted %	95% CI
Tobacco use in past 2 years	No	1,062	89.2	(86.9 - 91.4)
	Yes	126	10.8	(8.6 - 13.1)
Tobacco use 3 months prior to pregnancy	No	1,077	90.9	(88.8 - 93.0)
	Yes	108	9.1	(7.0 - 11.2)
Tobacco use during last 3 months of pregnancy	No	1,140	96.1	(94.6 - 97.5)
	Yes	46	3.9	(2.5 - 5.4)
Tobacco use now	No	1,112	94.3	(92.7 - 95.9)
	Yes	74	5.7	(4.1 - 7.3)
Changes in tobacco use during pregnancy	Nonsmoker	1,077	90.9	(88.8 - 93.0)
	Smoker quit	63	5.2	(3.6 - 6.8)
	Smoker reduced	25	2.3	(1.1 - 3.5)
	Smoker same/more	20	1.6	(0.7 - 2.5)
	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	46	4.0	(2.5 - 5.4)
Hookah	69	4.9	(3.5 - 6.3)
Chewing tobacco, snuff, or snus	<i>Insufficient data to report</i>		
Cigars, cigarillos, clove cigars, or little cigars	22	1.6	(0.8 - 2.5)
E - cigarette use 3 months prior to pregnancy			
More than once a day	12	1.5	(0.4 - 2.6)
Once a day	<i>Insufficient data to report</i>		
2 - 6 days a week	5	0.3	(0.0 - 0.7)
1 day a week or less	9	0.7	(0.2 - 1.2)
I did not use e - cigarettes or other electronic nicotine products then	1,159	97.2	(95.9 - 98.4)
E - cigarette use during last 3 months of pregnancy			
More than once a day	<i>Insufficient data to report</i>		
Once a day	<i>Insufficient data to report</i>		
2 - 6 days a week	<i>Insufficient data to report</i>		
1 day a week or less	<i>Insufficient data to report</i>		
I did not use e - cigarettes or other electronic nicotine products then	1,179	99.1	(98.3 - 99.8)

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

Question	n	Weighted %	95% CI
Alcohol use in past 2 years			
No	455	28.6	(25.8 - 31.5)
Yes	721	71.4	(68.5 - 74.2)
Alcohol use 3 months prior to pregnancy			
No	570	37.4	(34.3 - 40.5)
Yes	606	62.6	(59.5 - 65.7)
Alcohol use during last 3 months of pregnancy			
No	1,089	91.0	(88.9 - 93.2)
Yes	88	9.0	(6.8 - 11.1)
Changes in alcohol during pregnancy			
Nondrinker	569	37.4	(34.3 - 40.5)
Drinker quit	518	53.6	(50.2 - 57.1)
Drinker reduced	35	4.9	(3.1 - 6.6)
Drinker same/more	52	4.0	(2.7 - 5.4)
Nondrinker resumed	<i>Insufficient data to report</i>		

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	221	22.2	(19.1 - 25.4)
Separation/divorce	63	4.5	(3.1 - 5.9)
Moved to new address	334	27.1	(23.9 - 30.4)
Homeless	31	2.5	(1.4 - 3.7)
Partner lost job	96	7.2	(5.5 - 9.0)
Mother lost job	124	8.4	(6.7 - 10.1)
Cut in work hours or pay	156	12.4	(10.1 - 14.7)
Apart from husband or partner	32	3.2	(1.9 - 4.6)
Argued with partner more	216	16.2	(13.6 - 18.7)
Partner said didn't want pregnancy	82	6.0	(4.4 - 7.6)
Had bills couldn't pay	178	14.4	(11.9 - 17.0)
Partner or I went to jail	25	1.7	(0.8 - 2.5)
Someone close had problem with drinking/drugs	89	8.7	(6.5 - 10.8)
Someone close died	202	18.6	(15.7 - 21.4)

Physical Violence

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

Question	n	Weighted %	95% CI
Violence, before pregnancy			
My husband or partner	26	1.9	(1.0 - 2.8)
My ex - husband or ex - partner	18	1.1	(0.5 - 1.8)
Another family member	9	0.6	(0.2 - 1.1)
Someone else	10	1.0	(0.2 - 1.8)
Violence, during pregnancy			
My husband or partner	17	1.0	(0.5 - 1.6)
My ex - husband or ex - partner	10	0.5	(0.2 - 0.8)
Another family member	5	0.4	(0.0 - 0.8)
Someone else	12	0.7	(0.3 - 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	8	0.4	(0.1 - 0.6)
Often	19	1.3	(0.6 - 2.1)
Sometimes	65	3.9	(2.8 - 4.9)
Rarely	126	9.5	(7.4 - 11.5)
Never	952	85.0	(82.6 - 87.3)

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	56	3.2	(2.3 - 4.1)
Age	40	3.6	(2.1 - 5.0)
Language spoke	33	2.3	(1.3 - 3.3)
Citizenship	32	2.1	(1.2 - 3.1)
Insurance or Medicaid status	56	4.5	(2.9 - 6.0)
Other	34	2.9	(1.6 - 4.1)

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	46	2.6	(1.7 - 3.5)
Felt emotionally upset as a result of how treated based on race or ethnic background	54	3.4	(2.3 - 4.5)
Experienced physical symptoms that were related to treatment based on race or ethnic background	42	2.6	(1.6 - 3.5)

Table 38: Prevalence of delivery methods, survey question 47

Question	n	Weighted %	95% CI
Delivery method			
Vaginal	761	64.5	(61.0 - 67.9)
Cesarean section	417	35.5	(32.1 - 39.0)

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	181	37.5	(31.8 - 43.1)
Baby was breech	70	19.8	(14.8 - 24.9)
Past due date	37	8.6	(5.1 - 12.0)
Baby too big	53	15.3	(10.5 - 20.2)
Medical condition that made labor dangerous	35	8.2	(4.8 - 11.5)
Pregnancy complication	70	14.3	(10.3 - 18.2)
Induction did not work	79	19.6	(14.6 - 24.5)
Labor taking too long	68	15.5	(11.0 - 19.9)
Fetal distress	72	16.3	(11.9 - 20.6)
Wanted to schedule delivery	42	8.5	(5.3 - 11.8)
Didn't want to have baby vaginally	24	5.1	(2.5 - 7.7)
Other	77	15.8	(11.5 - 20.0)

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	5	0.5	(0.0 - 1.0)
< 1 day	18	1.3	(0.6 - 2.0)
1 to 2 days	553	47.8	(44.1 - 51.4)
3 to 5 days	516	42.9	(39.3 - 46.5)
6 - 14 days	49	4.8	(3.2 - 6.4)
14+ days	33	2.5	(1.5 - 3.6)
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	6	0.5	(0.0 - 0.9)
Yes	1,167	99.5	(99.1 - 100.0)
Infant living with mother			
No	7	0.5	(0.0 - 0.9)
Yes	1,155	99.5	(99.1 - 100.0)

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

Question	n	Weighted %	95% CI
Sources (% yes)			
Doctor	955	82.0	(79.1 - 84.9)
Nurse, midwife, or doula	898	78.3	(75.2 - 81.4)
Breastfeeding or lactation specialist	881	77.3	(74.2 - 80.4)
Baby's doctor or health care provider	862	75.4	(72.1 - 78.6)
Breastfeeding support group	308	27.5	(24.1 - 30.8)
Breastfeeding hotline or toll - free number	114	8.8	(6.8 - 10.7)
Family or friends	738	65.6	(62.1 - 69.1)
Other	116	11.6	(9.1 - 14.1)

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	99	7.9	(6.0 - 9.7)
Yes	1,067	92.1	(90.3 - 94.0)
Duration of breastfeeding (to at least 4 weeks)			
No	212	17.9	(15.2 - 20.6)
Yes	949	82.1	(79.4 - 84.8)
Duration of breastfeeding (to at least 8 weeks)			
No	334	28.8	(25.5 - 32.0)
Yes	827	71.2	(68.0 - 74.5)

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	1,114	96.9	(95.7 - 98.1)
My baby stayed in the same room with me	1,042	91.6	(89.8 - 93.5)
Breastfed my baby	1,010	88.3	(86.0 - 90.6)
Hospital staff helped me learn how to breastfeed	962	82.8	(80.0 - 85.5)
Breastfed in the first hour	800	69.5	(66.1 - 72.9)
Skin - to - skin	1,005	87.4	(85.0 - 89.8)
Fed only breast milk	550	52.0	(48.4 - 55.6)
Breastfed whenever my baby wanted	972	85.4	(82.9 - 88.0)
Used breast pump	650	53.0	(49.3 - 56.6)
Given gift pack with formula	562	41.3	(37.9 - 44.8)
Given telephone number for breastfeeding help	901	78.9	(75.9 - 82.0)
Baby given pacifier	682	56.2	(52.6 - 59.9)

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	129	8.9	(7.0 - 10.7)
Back	876	81.5	(79.1 - 83.9)
Stomach	82	5.2	(3.8 - 6.6)
Side/back	43	2.3	(1.6 - 3.0)
Side/stomach	8	0.6	(0.1 - 1.0)
Back/stomach	10	0.6	(0.1 - 1.0)
All three positions	16	0.9	(0.5 - 1.4)
Infant sleeping alone			
Always	621	65.5	(62.1 - 68.8)
Often	217	17.0	(14.3 - 19.6)
Sometimes	117	7.5	(5.8 - 9.2)
Rarely	53	3.7	(2.5 - 5.0)
Never	79	6.3	(4.6 - 8.1)
Sleeping alone in same room as parents			
No	137	17.5	(14.4 - 20.6)
Yes	941	82.5	(79.4 - 85.6)

*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	1,067	93.9	(92.4 - 95.5)
Twin or larger mattress or bed	400	26.8	(23.9 - 29.6)
Couch, sofa, or armchair	90	6.8	(5.1 - 8.5)
Infant car seat or swing	544	49.4	(45.7 - 53.1)
Sleeping sack or wearable blanket	385	44.3	(40.7 - 47.9)
With a blanket	502	37.7	(34.3 - 41.1)
With toys, cushions, or pillows, including nursing pillows	90	6.0	(4.5 - 7.6)
Crib bumper pads (mesh or non - mesh)	157	11.8	(9.6 - 13.9)

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	1,101	96.1	(94.8 - 97.4)
Place baby to sleep in a crib, bassinet, or pack and play	1,045	91.9	(90.0 - 93.8)
Place baby's crib or bed in my room	709	63.4	(59.9 - 66.9)
Things that should and should not go in bed with my baby	1,053	92.5	(90.7 - 94.4)

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	291	23.1	(20.1 - 26.1)
Currently using	874	76.9	(73.9 - 79.9)
If no current birth control, why not (Check all that apply)			
Want to get pregnant	45	16.1	(10.6 - 21.7)
Pregnant now	6	3.5	(0.3 - 6.7)
Tubes tied	18	5.5	(2.3 - 8.7)
Don't want to use	108	35.0	(28.0 - 42.0)
Side effects	103	32.6	(25.8 - 39.4)
Not having sex	77	22.9	(16.9 - 28.8)
Partner doesn't want to use	28	6.3	(3.5 - 9.0)
Problems paying for birth control	8	1.8	(0.5 - 3.0)
Other	56	20.6	(14.6 - 26.5)
If currently using birth control, what kind (Check all that apply)			
Tubes tied or blocked	69	6.3	(4.6 - 8.1)
Vasectomy	24	4.0	(2.2 - 5.8)
Birth control pills	181	22.7	(19.1 - 26.2)
Condoms	236	26.9	(23.2 - 30.6)
Injection	80	7.0	(5.2 - 8.8)
Contraceptive patch or ring	28	2.6	(1.3 - 3.8)
IUD	187	20.6	(17.2 - 23.9)
Contraceptive implant	65	5.8	(4.2 - 7.4)
Natural family planning	34	3.9	(2.2 - 5.5)
Withdrawal	152	19.0	(15.7 - 22.4)
Abstinence	85	8.7	(6.4 - 11.0)
Other	13	1.1	(0.3 - 1.9)

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

Question	n	Weighted %	95% CI
Received a postpartum check - up			
No	75	4.8	(3.5 - 6.1)
Yes	1,098	95.2	(93.9 - 96.5)

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	664	59.8	(56.1 - 63.6)
Eating healthy, exercise, and losing weight gained during pregnancy	708	60.7	(57.0 - 64.4)
How long to wait before getting pregnant again	625	56.7	(52.9 - 60.4)
Birth control methods	983	90.8	(88.7 - 92.9)
Prescribed a contraceptive method	498	43.4	(39.7 - 47.1)
Had an IUD or a contraceptive implant inserted	280	23.8	(20.7 - 26.8)
Smoking cigarettes	706	59.2	(55.5 - 62.9)
Emotional/physical abuse	782	65.3	(61.6 - 68.9)
Feeling down or depressed	998	91.4	(89.2 - 93.6)
Test for diabetes	372	25.7	(23.0 - 28.4)

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

Question	n	Weighted %	95% CI
Postpartum depressive symptoms			
Down, depressed, hopeless			
Always	9	0.6	(0.1 - 1.1)
Often	47	4.3	(2.8 - 5.9)
Sometimes	217	19.1	(16.2 - 22.0)
Rarely	329	30.7	(27.3 - 34.1)
Never	567	45.2	(41.6 - 48.8)
Little interest or pleasure in doing things			
Always	65	3.8	(2.7 - 4.9)
Often	65	5.4	(3.7 - 7.1)
Sometimes	193	16.0	(13.3 - 18.6)
Rarely	250	22.4	(19.4 - 25.5)
Never	600	52.4	(48.8 - 56.0)
Postpartum Depressive Symptoms *			
No	1,013	88.9	(86.8 - 91.1)
Yes	154	11.1	(8.9 - 13.2)

*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	1,039	88.3	(86.0 - 90.7)
	Yes	135	11.7	(9.3 - 14.0)

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

Question		n	Weighted %	95% CI
Health care worker indicated depression	No	1,052	89.7	(87.5 - 91.9)
	Yes	122	10.3	(8.1 - 12.5)

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	1,044	91.2	(89.5 - 93.0)
Mother, father, or in - laws	912	83.5	(81.3 - 85.7)
Other family member or relative	720	65.1	(61.7 - 68.5)
A friend	631	58.7	(55.3 - 62.2)
Religious community	201	14.2	(11.9 - 16.4)
Someone else	82	6.0	(4.4 - 7.5)
No one would help	17	1.0	(0.5 - 1.6)

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

Question	n	Weighted %	95% CI
Frequency of emotional support			
Always	700	59.6	(56.0 - 63.1)
Often	212	20.9	(17.8 - 24.0)
Sometimes	131	11.1	(8.8 - 13.4)
Rarely	41	2.6	(1.6 - 3.6)
Never	89	5.8	(4.3 - 7.2)

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	928	83.5	(81.1 - 86.0)
Often	65	4.5	(3.1 - 5.9)
Sometimes	64	4.9	(3.4 - 6.5)
Rarely	31	2.0	(1.1 - 2.9)
Never	75	5.0	(3.7 - 6.4)

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	858	72.6	(69.3 - 75.9)
Often	182	18.5	(15.6 - 21.4)
Sometimes	45	3.8	(2.4 - 5.2)
Rarely	7	0.5	(0.1 - 1.0)
Never	18	1.0	(0.5 - 1.5)
Father doesn't spend time with baby	53	3.6	(2.4 - 4.8)

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	156	10.8	(8.9 - 12.6)
\$10,001 - \$16,000	84	6.4	(4.9 - 7.8)
\$16,001 - \$20,000	52	4.3	(2.9 - 5.8)
\$20,001 to \$24,000	57	4.5	(3.1 - 6.0)
\$24,001 to \$28,000	42	3.0	(2.0 - 4.1)
\$28,001 to \$32,000	55	4.1	(2.8 - 5.5)
\$32,001 to \$40,000	58	5.1	(3.4 - 6.7)
\$40,001 to \$48,000	41	3.7	(2.2 - 5.1)
\$48,001 to \$57,000	36	2.8	(1.6 - 4.0)
\$57,001 to \$60,000	24	2.5	(1.2 - 3.8)
\$60,001 to \$73,000	46	3.7	(2.3 - 5.0)
\$73,001 to \$85,000	56	5.6	(3.7 - 7.5)
\$85,001 to \$99,999	53	7.2	(4.9 - 9.5)
\$100,000 or more	274	36.4	(32.8 - 39.9)