



LOUISIANA PRAMS DATA REPORT 2016

Louisiana Pregnancy Risk Assessment Monitoring System





Introduction

Since 1997, the Louisiana Pregnancy Risk Assessment Monitoring System (PRAMS) has served as a source of vital information on women's behaviors and experiences before, during and after pregnancy. Louisiana PRAMS is a population-based survey of women who deliver a live-born infant within a given calendar year. Louisiana PRAMS data can be used by program planners, health care providers, policy makers, and public health leaders to design, implement and evaluate programs and services relevant to women and infants in Louisiana. The 2016 Louisiana PRAMS Data Report, a compilation of Louisiana PRAMS results for selected indicators, highlights data for births occurring in 2016.

In 2016, there were 61,368 live births that satisfied the Louisiana PRAMS inclusion criteria, of which 1,388 were sampled. Of this sample, there were 883 respondents, resulting in a 63 percent overall weighted response rate. The Louisiana PRAMS 2016 questionnaire is available as a separate file at the Louisiana Department of Health website listed below.

Louisiana PRAMS is funded by the U.S. Centers for Disease Control and Prevention (CDC) under Cooperative Endeavor Agreement # U01 DP006227-03 and administered by the Louisiana Department of Health (LDH), Office of Public Health (OPH), Bureau of Family Heath (BFH).

More information about PRAMS can be found at <u>cdc.gov/prams/index.htm</u> or under Louisiana PRAMS on the Partners for Healthy Babies website: <u>PartnersforHealthyBabies.org/provider/bureau-of-family-health/#louisiana-prams</u>

Sampling and Data Collection

Women are selected to participate in PRAMS from Louisiana's Vital Records birth certificate files. To participate in Louisiana PRAMS, mothers must be Louisiana residents who gave birth to a live-born infant in Louisiana. Each month, a stratified random sample of approximately 200 live births is selected. In 2016, race was the stratum used in sampling in the following arrangement:

African American* Non-African American

*Note: African American and Black are both used within this report to reflect terms that were used in original documentation and data collection. Maternal race and ethnicity data for Louisiana PRAMS can be categorized by the following: Non-Hispanic White, Non-Hispanic Black, Hispanic and Other.

Each monthly sample follows a 90-day cycle of scheduled contact attempts, including a mailed questionnaire with multiple follow-ups and an attempted phone interview for all non-respondents after the failed mail contact attempts. The day after the sample is selected, an introductory letter is mailed followed by the initial questionnaire packet within seven days of the introductory letter. The packet contains the questionnaire, informed consent, calendar, Louisiana PRAMS one pager and a small incentive gift provided for by federal funds. If the questionnaire is not returned, a reminder letter is sent seven to 10 days after the initial questionnaire is mailed. If the questionnaire is still not returned, a second questionnaire is mailed approximately 12 days after the reminder letter. Again, if the



questionnaire is not returned, a third and final questionnaire is mailed approximately two weeks after the second questionnaire. Telephone follow-up is utilized for women who have not responded by mail by day 63 and continues until day 90. Several methods are used to identify phone numbers for women entering the telephone phase, and a minimum of 15 attempts are made on each identified phone number before the participant is considered unreachable.

Phase 8 (2016-present) Louisiana PRAMS Survey questions are available at: <a href="http://ldh.la.gov/assets/oph/Center-PHCH/Ce

More detailed information on PRAMS methodology, including weighting procedures, may be found on the CDC website at <u>cdc.gov/prams/methodology.htm</u>.

Data Analysis and Dissemination

Each year, a state analysis plan is developed by Louisiana PRAMS. This plan is based on the Healthy People 2020 goals and objectives relating to maternal and child health; the expressed analytic needs of the Louisiana BFH program; and the concerns of the Louisiana PRAMS Steering Committee, which is comprised of internal BFH staff and external stakeholders who have an interest in maternal and child health and using PRAMS data. Ultimately, this plan is jointly approved by the BFH Management Team and the Louisiana PRAMS Coordinator. Additional analyses occur in response to data requests made by BFH program staff and other researchers. Data dissemination occurs on a statewide and national basis. Current dissemination activities include presentations at national meetings and data to action factsheets.

Louisiana PRAMS Response Rates

Louisiana PRAMS data are weighted to be reflective of all Louisiana moms delivering a live-born singleton, twin or triplet in Louisiana. The CDC recommends a response rate of at least 55 percent for data to be considered representative of the population. Louisiana's 2016 weighted response rate was 63 percent and successfully met this threshold.



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Thank you to the women who shared their experiences so we could better understand the circumstances impacting the health status of mothers and infants in Louisiana.



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Maternal Characteristics of Louisiana PRAMS Respondents

Stratum	% Responding (Unweighted)	% Responding (Weighted)
Black	64.3	64.3
Non-Black	62.9	62.9
Overall	63.6	63.4

Characteristic	# Sampled	Respondents	% Response (Unweighted)	% Response (Weighted)
Overall	1,388	883	63.6	63.4
Race/Ethnicity				
Non-Hispanic White	560	354	63.2	63.2
Non-Hispanic Black	702	454	64.7	64.7
Other	43	27	62.8	62.8
Hispanic	82	47	57.3	58.6
Hispanic Ethnicity				
Hispanic	82	47	57.3	58.6
Non-Hispanic	1,305	835	64.0	63.8
Age				
<20	102	59	57.8	57.6
20-29	849	534	62.9	62.4
30+	437	290	66.4	66.4
Education				
<hs< td=""><td>226</td><td>114</td><td>63.7</td><td>64.0</td></hs<>	226	114	63.7	64.0
HS	465	289	62.2	62.0
>HS	695	448	64.5	64.1
Marital Status				
Married	582	367	63.1	63.1
Other	806	516	64.0	63.7
Previous Births				
No Prev. Live Births	531	323	60.8	60.6
1+ Prev. Live Births	853	559	65.5	65.4



Insurance Status

Question	Weighted N	Weighted %	95% CI
Source of insurance before pregnancy		70	
(check all that apply)			
Insurance from job or partner's job	23,360	38.1	34.8 - 41.4
Insurance from parents	3,925	6.4	4.7 - 8.1
Health Insurance Marketplace or HealthCare.gov	2,721	4.4	3.0 - 5.8
Medicaid (LaMOMS or Bayou Health)	15,291	25.0	22.2 – 27.8
SCHIP or LaCHIP	718	1.2	0.5 - 1.9
Take Charge or Take Charge Plus	2,161	3.5	2.4 - 4.7
Greater New Orleans Health Connection	248	0.4	0.1 - 0.8
TRICARE or other military health care	1,204	2.0	1.0-3.0
Other	1,113	1.8	0.9 - 2.8
No health insurance	12,393	20.2	17.5 – 23.0

Table 1: Prevalence of insurance types prior to pregnancy, survey question 9

Table 2: Prevalence of insurance types during pregnancy, survey question 10

Question	Weighted N	Weighted %	95% CI
Source of insurance during pregnancy			
(check all that apply)			
Insurance from job or partner's job	21,851	36.6	33.3 - 39.9
Insurance from parents	2,185	3.7	2.3 - 5.0
Health Insurance Marketplace or HealthCare.gov	2,301	3.8	2.5 - 5.2
Medicaid (LaMOMS or Bayou Health)	35,675	59.7	56.3 - 63.0
SCHIP or LaCHIP	577	1.0	0.3 - 1.6
Take Charge or Take Charge Plus	Insuff	icient data to i	report
Greater New Orleans Health Connection	Insuff	icient data to i	report
TRICARE or other military health care	973	1.6	0.7 – 2.5
Other	1,261	2.1	1.1 - 3.1
No health insurance	511	0.9	0.2 - 1.5



Question	Weighted N	Weighted %	95% CI
Source of postnatal insurance			
(check all that apply)			
Insurance from job or partner's job	20,952	34.1	30.9 - 37.4
Insurance from parents	2,325	3.8	2.4 - 5.1
Health Insurance Marketplace or HealthCare.gov	2,762	4.5	3.1 - 5.9
Medicaid (LaMOMS or Bayou Health)	27,819	45.6	42.4 - 48.8
SCHIP or LaCHIP	759	1.2	0.5 – 2.0
Take Charge or Take Charge Plus	619	1.0	0.4 - 1.7
Greater New Orleans Health Connection	ection Insufficient data to report		report
TRICARE or other military health care	1,113	1.8	0.9 – 2.8
Other	1,393	2.3	1.2 - 3.3
No health insurance	5,852	9.6	7.5 – 11.7

Table 3: Prevalence of current (time of survey) health insurance, survey question 11



Preconception Health

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

Question	Weighted N	Weighted %	95% CI
Maternal BMI, pre-pregnancy			
Underweight (<18.5)	2,135	3.6	2.3 - 5.0
Normal (18.5 – 24.9)	25,549	43.5	40.0 - 46.9
Overweight (25.0 – 29.0)	14,520	24.7	21.7 - 27.7
Obese (≥30)	16,591	28.2	25.1 - 31.3

Table 5: Health conditions prior to pregnancy, survey question 4

Question	Weighted N	Weighted %	95% CI
Health condition			
(check all that apply)			
Type 1 or Type 2 diabetes (not gestational diabetes)	2,070	3.4	2.2 - 4.6
High blood pressure or hypertension	4,157	6.9	5.2 – 8.5
Depression	5,648	9.3	7.3 – 11.3

Table 6: Prevalence of daily multivitamin use in the month prior to pregnancy, survey question 5

Question		Weighted N	Weighted %	95% CI
Prenatal vitamin use				
	Never	36,298	59.2	55.8 - 62.6
	1-3 times per week	5,227	8.5	6.6 - 10.5
	4-6 times per week	3,735	6.1	4.4 - 7.7
	Everyday	16,058	26.2	23.1 – 29.3



Table 7: Had any health care visit in the 12 months prior to pregnancy and type of health care visit,survey questions 6-7

Question	Weighted N	Weighted %	95% CI
Had any health care visit		70	
No	25,183	41.1	37.8 – 4.5
Yes	36,036	58.9	55.5 - 62.2
Type of health care visit (% yes)			
Checkup with family doctor	14,536	40.2	35.8 - 44.7
Checkup with OB/GYN	23,850	66.1	61.8 - 70.4
Visit for an illness or chronic condition	5,523	15.3	11.9 - 18.6
Visit for an injury	1,179	3.3	1.7 - 4.8
Visit for family planning or birth control	3,710	10.3	7.5 – 13.1
Visit for depression or anxiety	2,563	7.1	4.7 – 9.5
Visit to have teeth cleaned	18,779	52.1	47.6 - 56.6
Other	3,108	8.6	6.0 - 11.2

Table 8: Discussions with health care worker in the 12 months prior to pregnancy, survey question 8

Question	Weighted N	Weighted %	95% CI
Discussed with health care worker (% yes)			
Taking vitamins with folic acid	11,154	31.6	27.3 – 35.9
Maintaining a healthy weight	14,231	39.9	35.4 - 44.3
Controlling any medical conditions	6,506	18.2	14.8 - 21.6
Discussing a desire to have or not have children	13,388	37.5	33.0 - 42.0
Using birth control to prevent pregnancy	14,150	39.5	35.1 - 43.9
Improving health before pregnancy	10,562	29.6	25.5 – 33.8
Discussing sexually transmitted infections	10,226	28.6	24.7 – 32.5
Smoking during pregnancy	24,676	69.5	65.2 – 73.7
Discussing if someone was hurting me emotionally or physically	12,047	33.8	29.6 - 38.0
Feeling down or depressed	13,754	38.5	34.1 - 42.8
Discussing the type of work I do	19,078	53.4	48.8 - 58.0

Table 9: Had HIV or Hepatitis B testing done in 12 months prior to pregnancy, survey question 8

Question		Weighted N	Weighted %	95% CI
Tested for (% yes)				
	HIV	11,810	33.7	29.6 - 37.8
	Hepatitis B	11,422	32.4	28.4 – 36.5



Family Planning: Prior to Pregnancy

Question		Weighted N	Weighted %	95% CI
Pregnancy feelings				
	Wanted later	16,930	27.9	24.8 - 30.9
	Wanted sooner	6,751	11.1	8.9 - 13.4
	Wanted right then	23,290	38.3	35.0 - 41.7
	Wanted never	5,335	8.8	6.9 - 10.7
	Unsure	8,419	13.9	11.5 - 16.2

Table 10: Feelings about becoming pregnant prior to this pregnancy, survey question 12

Table 11: Proportion of women trying to become pregnant, survey question 13

Question		Weighted N	Weighted %	95% CI
Trying to get pregnant				
	No	32,985	54.0	50.6 - 57.4
	Yes	28,103	46.0	42.6 - 49.4

Table 12: Prevalence of pre-pregnancy contraception use among women who were not trying tobecome pregnant, survey question 14

		Weighted	Weighted	95% CI
Question		N	%	
Used birth control				
	No	19,460	59.4	54.9 - 63.9
	Yes	13,285	40.6	36.1 - 45.1

Table 13: Reasons for not using a contraceptive method prior to pregnancy among women not tryingto become pregnant and reported not using birth control, survey question 15

	Weighted	Weighted	95% CI
Question	N	%	
Reasons for not using birth control (check all that apply)			
Didn't mind getting pregnant	7,313	36.8	31.0 - 42.6
Didn't think could become pregnant	4,907	24.7	19.6 – 29.8
Side effects from birth control	2,713	13.6	9.5 - 17.8
Problems acquiring birth control	858	4.3	2.0-6.6
Thought partner was sterile	1,287	6.5	3.7 – 9.3
Partner didn't want to use	3,092	15.6	11.2 – 19.9
Forgot to use birth control	2,490	12.5	8.6 - 16.5
Other	1,921	9.7	6.1 - 13.2



WIC Participation and Maternal Services

Table 14: Prevalence of WIC participation during pregnancy, survey question 24

Question		Weighted N	Weighted %	95% CI
WIC during pregnancy				
	No	28,445	46.6	43.3 - 49.9
	Yes	32,634	53.4	50.1 - 56.7

Table 15: Received information on breastfeeding from WIC, among WIC participants,survey question 25

		Weighted	Weighted	95% CI
Question		Ν	%	
Received information on breastfeeding from WIC				
	No	882	2.7	1.1 - 4.3
	Yes	31,702	97.3	95.7 – 98.9

Table 16: Received services for pregnant women during pregnancy (from any organization or person),survey question 69

	Weighted	Weighted	95% CI
Question	N	%	
Received the following services (% yes)			
Food stamps or money to buy food	22,864	37.5	34.5 - 40.5
Counseling for family and personal problems	2,309	3.8	2.5 – 5.1
Help to quit smoking cigarettes	1,022	1.7	0.8 - 2.6
Help to reduce violence at home	Insuffi	cient data to l	report
Other	791	1.6	0.6 - 2.6



Prenatal Care

Table 17: *Timing of entry to prenatal care (PNC),* survey question 16

Question		Weighted N	Weighted %	95% CI
Initiated care in first trimester				
	No	6,506	10.8	8.7 – 12.9
	Yes	53,155	88.3	86.1 - 90.5
	No PNC	519	0.9	0.2 - 1.5

Table 18: Proportion of women who received prenatal care as early as desired, survey question 17

Question		Weighted N	Weighted %	95% CI
Initiated care as early as desired				
	No	7,965	13.2	10.9 - 15.5
	Yes	52,397	86.8	84.5 - 89.1

Table 19: Reasons for not getting prenatal care (PNC) as early as wanted, among those who did notget care as early as desired, survey question 18

	Weighted	Weighted	95% CI
Question	N	%	
Reasons for not getting prenatal care as early as wanted			
(check all that apply)			
Couldn't get appointment	2,119	26.4	18.0 - 34.8
Didn't have enough money or insurance	2,465	31.4	22.4 - 40.5
No transportation	1,138	14.5	7.9 – 21.1
Doctor/health plan wouldn't start earlier	1,220	15.6	8.5 – 22.6
Too many other things going on	1,270	16.2	9.1 - 23.3
Couldn't take time off work or school	808	10.2	4.6 - 15.9
Didn't have Medicaid card	2,935	36.4	27.1 – 45.6
No childcare	478	6.1	1.8 - 10.5
Didn't know I was pregnant	2,985	37.4	28.3 - 46.5
Didn't want to disclose pregnancy	676	8.7	3.8 - 13.6
Didn't want prenatal care	536	6.9	2.7 - 11.1



Table 20: Prenatal health care worker discussions, survey question 19

Question	Weighted N	Weighted %	95% CI
Topics discussed during prenatal care visits (% yes)			
Weight gain during pregnancy	33,880	56.7	53.2 - 60.1
Taking prescription medications	57,278	94.4	92.9 – 96.0
Smoking cigarettes	58,054	95.8	94.4 - 97.2
Drinking alcohol	57,600	95.0	93.5 - 96.6
Physical or emotional abuse	37,931	63.1	59.7 - 66.4
Feeling down or depressed	42,094	69.8	66.6 - 73.1
Drug use	49,465	81.7	78.9 - 84.4
HIV testing	37,849	63.9	60.5 - 67.2
Planning to breastfeed	56,570	93.2	91.4 - 95.0
Using birth control postpartum	50,924	84.2	81.6 - 86.8



Prenatal Risk Factors

Table 21: *Health care worker offered or told to get a flu shot in 12 months before delivery,* survey question 20

Question		Weighted N	Weighted %	95% CI
Offered or told to get flu shot				
	No	14,676	24.2	21.2 - 27.2
	Yes	45,933	75.8	72.8 – 78.8

Table 22: Receipt of flu shot in 12 months before delivery, survey question 21

Question		Weighted N	Weighted %	95% CI
Received flu shot				
	No	31,622	52.7	49.2 - 56.2
	Yes, before pregnancy	7,305	12.2	9.9 - 14.4
	Yes, during pregnancy	21,089	35.1	31.8 - 38.5

Table 23: Receipt of a TDAP vaccination during pregnancy, survey question 22

Question		Weighted N	Weighted %	95% CI
Received TDAP vaccination				
	No	20,018	36.8	33.2 – 40.3
	Yes	34,432	63.2	59.7 – 66.8

Table 24: Dental care during pregnancy, survey question 23

		Weighted	Weighted	95% CI
Question		N	%	
Had teeth cleaned during pregnancy				
	No	38,984	63.8	60.4 - 67.1
	Yes	22,137	36.2	32.9 – 39.6



Table 25: Health conditions during pregnancy, survey question 26

Question	Weighted N	Weighted %	95% CI
Health condition (% yes)			
Gestational diabetes (diabetes during pregnancy)	4,749	7.8	5.9 - 9.7
High-blood pressure, pre-eclampsia or eclampsia	9,442	15.5	13.1 – 17.9
Depression	5,046	8.3	6.4 - 10.2

Table 26: Proportion of women who received 17 alpha-hydroxyprogesterone (17-P),survey question 27

Question	Weighted	Weighted	95% CI
Question	N	%	
Received 17-P			
Not limited to those with a prior preterm birth			
No	53,525	89.4	87.4 – 91.5
Yes	6,317	10.6	8.5 – 12.6
Limited to those with a prior preterm birth			
No	1,377	59.4	41.4 - 77.4
Yes	940	40.6	22.6 - 58.6



Tobacco, Alcohol & Drug Use

Table 27: Prevalence of maternal tobacco use prior to, during and after pregnancy,survey questions 28-34

	Weighted	Weighted	95% CI
Question	N	%	
Tobacco use in past 2 years			
No	46,480	76.0	73.0 - 79.0
Yes	14,649	24.0	21.0 -27.0
Tobacco use 3 months prior to pregnancy			
No	48,095	79.0	76.1 - 81.3
Yes	12,803	21.0	18.2 – 23.9
Tobacco use during last 3 months of pregnancy			
No	54,600	89.4	87.2 - 91.6
Yes	6,488	10.6	8.4 - 12.8
Tobacco use now			
No	51,327	84.1	81.5 - 86.7
Yes	9,712	15.9	13.3 – 18.5
Changes in tobacco use during pregnancy			
Non-smoker	48,095	79.0	76.1 - 81.8
Smoker who quit	6,315	10.4	8.2 – 12.5
Smoking reduced	4,278	7.0	5.2 – 8.9
Smoked same/more	2,210	3.6	2.4 - 4.9
Other tobacco product use in the past 2 years (% yes)			
E-cigarettes	3,972	6.5	4.7 – 8.4
Hookah	1,674	2.8	1.7 – 3.8
Cigarillos or flavored cigars	3,068	5.1	3.6 - 6.6



Table 28: Prevalence of maternal alcohol consumption and binge drinking prior to, during and afterpregnancy, survey questions 35-37

Question	Weighted N	Weighted %	95% CI
Alcohol use in past 2 years			
No	24,640	40.4	37.1 - 43.7
Yes	36,357	59.6	56.3 – 62.9
Alcohol use 3 months prior to pregnancy			
No	28,804	47.2	43.8 – 50.6
Yes	32,193	52.8	49.4 - 56.2
Alcohol use during last 3 months of pregnancy			
No	57,939	94.8	93.3 - 96.4
Yes	3,149	5.2	3.6 - 6.7
Changes in alcohol use during pregnancy			
Non-drinker	28,713	47.1	43.7 – 50.5
Drinker who quit	29,135	47.8	44.4 - 51.2
Drinking reduced	1,178	1.9	0.9 - 3.0
Drinking same/more	1,831	3.0	1.8-4.2

Table 29: Prevalence of maternal drug use prior to pregnancy, survey question 68

	Weighted	Weighted	95% CI
Question	N	%	
Type of drug (% yes)			
Over-the-counter pain relievers	41,064	67.5	64.4 - 70.7
Prescription pain relievers	3,735	6.1	4.5 – 7.8
Adderall, Ritalin or other stimulants	2,473	4.1	2.6 - 5.5
Marijuana or hash	3,826	6.3	4.7 – 7.9
Synthetic marijuana	Insufficient data to report		eport
Methadone, naloxone, subutex or Suboxone	684	1.1	0.3 - 1.9
Heroin	Insuff	icient data to r	eport
Amphetamines	593	0.9	0.2 - 1.7
Cocaine	Insufficient data to report		eport
Tranquilizers	s Insufficient data to report		report
Hallucinogens	Insufficient data to report		eport
Sniffing gasoline, glue, aerosol or paint (huffing)	Insuff	icient data to r	eport



Maternal Stressors

Question	Weighted N	Weighted %	95% CI
Maternal stressors in 12 months before baby was born (% yes)			
Family member sick	14,051	23.0	20.2 – 25.9
Separation/divorce	8,271	13.6	11.3 – 15.9
Moved to new address	18,197	29.8	26.6 - 32.9
Homeless	1,996	3.3	2.1 - 4.4
Partner lost job	9,334	15.4	12.9 - 17.9
Mother lost job	6,985	11.4	9.3 - 13.5
Cut in work hours or pay	15,906	26.1	23.1 – 29.1
Apart from husband or partner for work reasons	3,528	5.8	4.1 - 7.4
Argued with partner more	14,465	23.7	20.9 – 26.5
Partner said didn't want pregnancy	3,901	6.4	4.8-8.0
Had bills couldn't pay	13,234	21.6	18.8 - 24.4
Partner went to jail	2,903	4.8	3.4 - 6.2
Someone close had problem with drinking/drugs	6,216	10.2	8.0 - 12.3
Someone close died	10,555	17.3	14.7 – 19.9

Table 30: Prevalence of stressful life events prior to birth, survey question 38



Experiences of Discrimination

Question	Weighted N	Weighted %	95% CI
Discrimination due to: (% yes)			
Race or skin color	2,317	3.8	2.5 – 5.1
Immigration status	Insuff	icient data to r	eport
Age	2,020	3.3	2.1-4.6
Income	2,152	3.6	2.3 – 4.8
Sex/gender	1,130	1.9	0.9 – 2.8
Sexual orientation	Insuff	icient data to r	eport
Religion	741	1.2	0.4 - 2.0
Because of pregnancy	1,608	2.6	1.6 - 3.7
Language	Insuff	icient data to r	eport
Type of health insurance or lack of insurance	3,034	5.0	3.5 – 6.5

Table 31: Prevalence of perceptions of discrimination while receiving health care, survey question 66

Table 32: Prevalence of racial discrimination in the 12 months prior to pregnancy, survey question 67

Question	Weighted N	Weighted %	95% CI
Felt that race or ethnic background contributed to level of stress	1,345	2.2	1.3 – 3.1
Felt emotionally upset as a result of how treated based on race or ethnic background	1,097	1.8	0.9 – 2.7
Experienced physical symptoms that were related to treatment based on race or ethnic background	849	1.4	0.6 – 2.2



Intimate Partner Violence & Feelings of Safety

	Weighted	Weighted	95% CI
Question	Ν	%	
Intimate partner violence, before pregnancy* (% yes)			
Reported any abuse	2,738	4.5	3.1 - 5.8
Husband or partner	1,699	2.8	1.7 – 3.9
Ex-husband or partner	759	1.2	0.5 - 2.0
Someone else	841	1.4	0.6 - 2.2
Intimate partner violence, during pregnancy* (%yes)			
Reported any abuse	2,606	4.2	2.9 - 5.6
Husband or partner	1,641	2.7	1.6 - 3.8
Ex-husband or partner	347	0.6	0.1 - 1.0
Someone else	767	1.3	0.5 – 2.0

Table 33: Prevalence of intimate partner violence prior to and during pregnancy,survey questions 40-41

*Includes mothers 18 years and older only

Table 34: Prevalence of violence in the home postpartum, survey question 65

Question	Weighted N	Weighted %	95% CI
Experienced the following: (% yes)			
Husband/partner threatened me or made me feel unsafe	1,130	1.9	0.9 - 2.8
Was frightened because of the anger or threat of	1,220	2.0	1.0-3.0
husband/partner			
Husband/partner tried to control daily activities	1,261	2.1	1.1 - 3.1
Husband/partner forced me to participate in unwanted	289	0.5	0.0-0.9*
touching or sexual activity			

* Interpret with caution. CI contains 0.

Table 35: Prevalence of feelings of safety in your neighborhood during the 12 months prior topregnancy, survey question 39

Question		Weighted N	Weighted %	95% CI
Felt unsafe in your neighborhood				
	Always	1,566	2.6	1.4 - 3.7
	Often	1,113	1.8	0.9 – 2.8
	Sometimes	3,199	5.2	3.7 – 6.8
	Rarely	6,414	10.5	8.4 - 12.7
	Never	48,746	79.9	77.1 - 82.7



Infant Health & Care

		Weighted	Weighted	95% CI
Question		N	%	
Length of infant hospital stay				
	Not born in hospital	Insuff	icient data to r	report
	<1 day	915	1.5	0.6 - 2.4
	1 to 2 days	31,791	52.0	48.5 – 55.4
	3 to 5 days	22,552	36.9	33.6 - 40.2
	6-14 days	2,688	4.4	3.0 - 5.8
	14+ days	2,952	4.8	3.4 – 6.3

Table 36: Length of infant hospital stay at birth, survey question 43

Table 37: Infant alive now and infant living with mother, survey questions 44-45

Question	Weighted N	Weighted %	95% CI
Infant alive now (% yes)	60,469	99.5	99.1 - 100.00
Infant living with mother (% yes)	59,669	99.3	98.7 – 99.9



Breastfeeding

Table 38: Breastfeeding resources prior to the birth of baby, survey question 46

Question	Weighted N	Weighted %	95% CI
Source (check all that apply)			
Doctor	48,929	81.8	79.0 - 84.6
Nurse, midwife or doula	44,739	76.0	73.0 – 79.1
Breastfeeding or lactation specialist	42,972	72.4	69.3 – 75.5
Baby's doctor or health care worker	44,155	74.9	71.8 – 77.9
Breastfeeding support group	14,876	25.4	22.4 - 28.4
Breastfeeding hotline or toll-free number	7,413	12.7	10.4 - 15.1
Family or friends	35,255	59.6	56.2 – 63.1
Other	7,569	15.0	12.3 – 17.8

Table 39: Prevalence of ever breastfeeding and barriers to initiation, survey questions 47-48

Question	Weighted N	Weighted %	95% CI
	IN	/0	
Breastfeeding (ever)			
No	16,182	27.1	24.2 – 30.0
Yes	43,595	72.9	70.0 – 75.8
Reasons for not breastfeeding			
(among those who did not breastfeed, check all that apply)			
Sick or on medicine	1,237	7.4	4.1 - 10.6
Other children to take care of	1,789	10.7	6.7 - 14.6
Too many household duties	990	5.9	2.8 - 8.9
Didn't like breastfeeding	2,243	13.4	9.2 – 17.6
Too hard	1,823	10.9	7.1 - 14.7
Didn't want to	8,858	52.8	46.5 - 59.0
Went back to work	1,485	8.8	5.4 - 12.3
Went back to school	Insufficient data to report		
Other	3,010	17.9	13.0 -22.9



	Weighted	Weighted	95% CI
Question	N	%	
Reported that the following happened			
(check all that apply)			
Someone answered questions about breastfeeding	38,574	88.7	86.0-91.3
Received help to position baby correctly	38,146	87.4	84.6 - 90.2
Received help to know if baby received enough milk	36,432	83.5	80.3 - 86.6
Received help with managing pain or bleeding nipples	29,688	68.4	64.5 – 72.3
Received information about where to get a breast pump	33,662	77.4	73.8 – 80.9
Received help using a breast pump	26,201	60.3	56.2 - 64.4
Received information about breastfeeding support groups	26,506	60.7	56.6 - 64.8
Other	2,688	8.7	6.1 - 11.4

Table 40: Breastfeeding resources postpartum, survey question 49

Table 41: Prevalence of breastfeeding continuation among women who ever breastfed, and barriersleading to discontinuation, survey questions 50-52

Question	Weighted N	Weighted %	95% CI
Duration of breastfeeding			
<1 week	4,427	10.5	7.9 – 13.0
2-4 weeks	7,899	18.6	15.4 – 21.9
5-7 weeks	2,531	6.0	4.0 - 7.9
8+ weeks	27,517	64.9	60.9 - 68.9
Hospital breastfeeding practices			
(among those who breastfed, check all that apply)			
Staff gave information about breastfeeding	41,444	96.0	94.3 - 97.7
Baby stayed in the same room	37,123	85.9	83.0 - 88.7
Staff helped learn how to breastfeed	37,329	86.3	83.5 - 89.2
Breastfed in the first hour after baby born	32,968	77.0	73.5 – 80.5
Breastfed baby in the hospital	39,868	92.2	90.0 - 94.4
Baby fed only breastmilk at the hospital	25,523	59.4	55.3 – 63.5
Staff told to breastfeed whenever the baby wanted	37,280	86.7	83.8 - 89.5
Hospital gave a breast pump	17,562	40.6	36.5 - 44.7
Hospital gave a gift pack with formula	20,826	48.3	44.1 - 52.5
Hospital gave telephone number to call for help breastfeeding	34,717	81.6	78.3 – 84.9
Hospital gave baby a pacifier	19,886	46.4	42.3 – 50.6



Infant Sleep Environment

Question	Weighted N	Weighted %	95% CI
Sleep position			
Side	9,828	16.6	13.9 – 19.1
Back	40,035	67.4	64.2 - 70.6
Stomach	6,376	10.7	8.8 - 12.7
Combination	3,167	5.3	2.4 - 8.3
Infant slept alone in crib or bed			
Always/often	40,636	68.2	61.8 - 74.4
Sometimes/rarely	11,644	19.5	15.6 - 23.5
Never	7,356	12.3	10.1 - 14.6
Infant slept in same room as mother			
(among infants who slept alone in crib or bed)			
No	7,220	13.8	11.2 – 16.5
Yes	45,011	86.2	83.5 - 88.8
Sleep environment elements (% yes)			
Crib, bassinet or Pack 'n Play	51,415	86.1	83.7 – 88.4
Twin or larger mattress or bed	22,465	38.2	34.9 – 41.5
Couch, sofa or armchair	6,382	10.9	8.7 - 13.1
Infant car seat or swing	31,239	53.0	49.5 – 56.5
Sleeping sack or wearable blanket	12,406	21.1	18.2 - 24.0
With a blanket	32,577	55.3	51.8 – 58.8
With toys, cushions or pillows	5,674	9.7	7.7 – 11.7
With crib bumper pads (mesh or non-mesh)	11,147	19.0	16.2 – 21.8

Table 42: Prevalence of infant sleep position and environment, survey questions 53-56

Table 43: Prevalence of discussions with health care workers about infant safe sleep,survey question 57

Question	Weighted N	Weighted %	95% CI
Discussed the following (check all that apply)			
Placing baby on his or her back to sleep	54,154	91.1	89.1 - 93.2
Placing baby to sleep in a crib, bassinet or Pack 'n Play	47,519	80.3	77.4 - 83.1
Placing baby's crib or bed in my mother's room	29,852	50.7	47.2 – 54.1
What things should and should not go in bed with baby	49,167	82.5	79.8 – 85.2



Family Planning: Postpartum

Table 44: Prevalence of contraception use postpartum and reasons for not using a contraceptionmethod, survey questions 58-60

Question	Weighted N	Weighted %	95% CI
Current birth control use			
Not currently using	13,117	21.6	18.8 – 24.5
Currently using	47,500	78.4	75.5 – 81.2
If no current birth control, why not			
(check all that apply)			
Want to get pregnant	1,261	9.2	4.9 - 13.5
Pregnant right now	429	3.1	0.7 – 5.5
Had tubes tied or blocked	511	3.7	0.9 - 6.6
Do not want to use birth control	2,556	18.6	12.8 - 24.4
Worried about side effects	2,894	21.1	15.0 - 27.1
Not having sex	3,669	26.7	20.3 - 33.1
Husband or partner does not want to use	Insuff	icient data to i	report
Problems paying for birth control	701	5.1	1.9 - 8.4
Other	3,214	23.4	17.1 – 29.8
If currently using birth control, what kind (check all that apply)			
Tubes tied or blocked	5,623	11.7	9.2 - 14.2
Vasectomy	1,105	2.3	1.1 - 3.5
Birth control pills	12,976	27.0	23.5 - 30.5
Condoms	11,665	24.3	20.9 – 27.7
Injection	6,072	12.6	10.3 - 14.9
Contraceptive implant	3,168	6.6	4.8-8.4
Contraceptive patch or ring	981	2.0	0.9 – 3.2
IUD	5,162	10.7	8.4 - 13.1
Natural family planning	1,294	2.7	1.4 - 4.0
Withdrawal	5,852	12.2	9.6-14.8
Abstinence	4,321	9.0	6.8 - 11.2
Other	700	1.5	0.5 – 2.4



Postpartum Health

Table 45: Prevalence of postpartum check-up, survey question 61

Question		Weighted N	Weighted %	95% CI
Received a postpartum check-up				
	No	8,427	13.8	11.4 - 16.2
	Yes	52,570	86.2	83.8 - 88.6

Table 46: Prevalence of postpartum checkup discussions with a health care worker, survey question 62

Question	Weighted N	Weighted %	95% CI
Discussed or experienced the following			
(check all that apply)			
Taking a vitamin with folic acid	25,544	48.9	45.2 - 52.6
Healthy eating, exercise and losing pregnancy weight	30,337	57.9	54.2 - 61.6
How long to wait before getting pregnant again	24,185	46.3	42.6 - 50.0
Birth control methods to use after giving birth	44,647	85.2	82.6 - 87.9
Prescribed a contraceptive method	25,214	48.1	44.4 - 51.9
Inserted an IUD or contraceptive implant	8,486	16.3	13.6 - 18.9
Asked if I was smoking cigarettes	29,074	55.8	52.1 – 59.5
Asked if someone was hurting me emotionally/physically	22,438	43.0	39.3 – 46.6
Asked if I was feeling down or depressed	32,609	62.4	58.8-66.1
Tested for diabetes	12,248	23.6	20.6 - 26.6



Postpartum Depression

		Weighted	Weighted	95% CI
Question		N	%	
Postpartum depressive symptoms				
	Rarely/Never	43,873	72.0	68.9 - 75.1
	Sometimes	12,589	20.7	17.8 – 23.5
	Often/Always	4,478	7.3	5.6 - 9.1
Little interest or pleasure in doing things				
	Rarely/Never	46,922	77.0	74.1 – 79.9
	Sometimes	9,374	15.4	12.9 – 17.9
	Often/Always	4,643	7.6	5.9 - 9.4
Depressive symptom indicator*				
	No	54,045	88.7	86.6 - 90.8
	Yes	6,894	11.3	9.2 - 13.4

Table 47: Prevalence of maternal postpartum depressive symptoms, survey questions 63-64

*Yes indicates mother answered often or always to one or both questions about depressive symptoms



Maternity Leave Experiences

Table 48: Type of maternity leave taken, among women who reported working during pregnancy,survey questions 70-73

Question	Weighted N	Weighted %	95% CI
Worked during pregnancy (% yes)	37,812	63.0	59.6 - 66.4
Type of leave taken from work after baby born			
(check all that apply)			
Paid leave	12,218	41.9	36.9 – 46.9
Unpaid leave	18,263	62.6	57.8 - 67.5
Did not take leave	1,031	3.5	1.7 – 5.4

Table 49: Factors affecting maternity leave decisions, among women who reported working duringpregnancy, survey question 74

	Weighted	Weighted	95% CI
Question	N	%	
Factors affecting maternity leave decision after baby was			
born (among all who worked for pay, % yes)			
Could not financially afford to take leave	8,824	31.5	26.8 - 36.1
Afraid to lose job if took leave or stayed out longer	4,527	16.1	12.5 – 19.8
Had too much work to do to take leave or stay out longer	4,600	16.4	12.5 – 20.2
Job does not have paid leave	8,212	29.6	24.9 - 34.3
Job does not offer flexible work schedule	5,030	18.1	14.2 - 22.0
Had not built up enough leave time to take any more time off	8,394	29.9	25.2 - 34.6



Household Income

Question	Weighted N	Weighted %	95% CI
Total household income in the 12 months before the			
baby was born			
\$16,000 or less	21,790	38.0	34.7 - 41.2
\$16,001 - \$20,000	6,135	10.7	8.5 - 12.8
\$20,001 - \$24,000	3,117	5.4	3.9 - 7.0
\$24,001 - \$28,000	2,086	3.6	2.3 - 5.0
\$28,001 - \$32,000	2,292	4.0	2.6 - 5.4
\$32,001 - \$40,000	2,383	4.1	2.7 – 5.6
\$40,001 - \$48,000	1,517	2.6	1.4 - 3.8
\$48,001 - \$57,000	2,498	4.4	2.9 – 5.9
\$57,001 - \$60,000	684	1.2	0.4 - 2.0
\$60,001 - \$73,000	2,498	4.4	2.9 - 5.9
\$73,001 - \$85,000	2,596	4.5	2.9-6.1
\$85,001 or more	9,799	17.1	14.3 - 19.8

Table 50: Total household income during 12 months prior to birth, survey question 76

Table 51: Number of individuals (self and others) dependent on income 12 months prior to birth,survey question 77

Question		Weighted N	Weighted %	95% CI
Individuals dependent on income				
	1	6,558	10.8	8.8 - 12.8
	2	19,837	32.7	29.5 – 36.0
	3	18,410	30.4	27.2 - 33.6
	4	10,149	16.7	14.1 - 19.4
	5	3,694	6.1	4.4 - 7.8
	6+	1,971	3.3	2.0 - 4.5