

# LOUISIANA PRAMS DATA REPORT 2014

Louisiana Pregnancy Risk Assessment Monitoring System: 2014 Data





## *Introduction*

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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, healthcare providers, policy makers and public health leaders to design, implement and evaluate programs and services relevant to women and infants in Louisiana. The 2014 Louisiana PRAMS Data Report, a compilation of Louisiana PRAMS results for selected indicators, highlights data for births occurring in 2014.

In 2014, there were 62,469 live births that satisfied the Louisiana PRAMS inclusion criteria, of which 2,833 were sampled. Of this sample, there were 1,673 respondents, resulting in a 58 percent overall weighted response rate. The Louisiana PRAMS 2014 questionnaire is available as a separate file at the Partners for Healthy Babies website listed below.

Louisiana PRAMS is funded by the U.S. Centers for Disease Control and Prevention (CDC) under cooperative endeavor agreement #U01 DP003138-04 and administered by the Louisiana Department of Health (LDH) Office of Public Health (OPH), Bureau of Family Health (BFH).

More information about PRAMS can be found at [cdc.gov/prams/index.htm](http://cdc.gov/prams/index.htm) or under Louisiana PRAMS on the Partners for Healthy Babies website: [1800251baby.org/provider/bureau-of-family-health#louisiana-prams](http://1800251baby.org/provider/bureau-of-family-health#louisiana-prams). Additional Louisiana PRAMS reports can be found on the Partners for Healthy Babies data page at [1800251baby.org/provider/data#louisiana-prams-reports](http://1800251baby.org/provider/data#louisiana-prams-reports).

## *Methodology*

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### **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 are selected. In 2014, the strata used in sampling were birth weight, race and geographic region in the following arrangement:

- Orleans Parish, African American
- Other, African American, Low Birth Weight (<2500 grams)
- Other, African American, Normal Birth Weight (>2500 grams)
- Other, Non-African American, Low Birth Weight (<2500 grams)
- Other, Non-African American, Normal Birth Weight (>2500 grams)

African American mothers in Orleans Parish were oversampled, beginning in 2012, as part of Louisiana's participation in the W.K. Kellogg Foundation's partnership with CDC PRAMS.

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, an informed consent sheet, a calendar, a Louisiana PRAMS informational page 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, a second questionnaire is mailed approximately 12 days after the reminder letter and 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 maximum 15 attempts are made on each identified phone number before the participant is considered unreachable.

More detailed information on PRAMS methodology, including weighting procedures, may be found on the CDC website at [cdc.gov/prams/methodology.htm](http://cdc.gov/prams/methodology.htm).

### **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 priorities of the Louisiana PRAMS Steering Committee. The Committee is comprised of internal BFH staff and external stakeholders who have an interest in maternal and child health and using PRAMS data. This analysis plan is ultimately approved jointly 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.



## *Methodology (cont.)*

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### **Louisiana PRAMS Response Rates**

It is important to remember that while Louisiana PRAMS samples potential respondents and 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 60 percent for data to be considered representative of the population. Louisiana's 2014 weighted response rate was 58 percent. Because Louisiana did not meet the recommended minimum threshold, data should be interpreted with caution. It is recommended that data be used as a guideline for program activities, understanding that the data represent estimates of population behavior and experiences.



## *Acknowledgements*

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Special thanks to the following contributors for their collaborative effort on this report:

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

## *Table of Contents*

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Maternal Characteristics of Louisiana PRAMS Respondents .....	<b>6</b>
Insurance Status .....	<b>7</b>
Preconception Health .....	<b>8</b>
Family Planning: Prior to Pregnancy .....	<b>10</b>
WIC Participation .....	<b>12</b>
Prenatal Care .....	<b>13</b>
Prenatal Risk Factors .....	<b>16</b>
Tobacco and Alcohol Use .....	<b>18</b>
Maternal Stressors .....	<b>19</b>
Experiences of Discrimination .....	<b>20</b>
Intimate Partner Violence.....	<b>21</b>
Infant Health and Care .....	<b>22</b>
Breastfeeding .....	<b>23</b>
Infant Sleep Environment .....	<b>25</b>
Family Planning: Post-Partum .....	<b>26</b>
Post-Partum Health .....	<b>27</b>
Post-Partum Depression .....	<b>28</b>
Experiences around Workplace Leave .....	<b>29</b>

## Maternal Characteristics of Louisiana PRAMS Respondents

Stratum			% Responding (Unweighted)	% Responding (Weighted)
Orleans Parish, Black			62.1	62.1
Other, Black, Low Birth Weight			54.5	54.5
Other, Black, Normal Birth Weight			56.4	56.4
Other, Non Black, Low Birth Weight			60.5	60.5
Other, Non Black, Normal Birth Weight			59.4	59.4
Overall			59.1	58.5

  

Characteristic	# Sampled	Respondents	% Response (Unweighted)	% Response (Weighted)
<b>Overall</b>	2833	1673	59.1	58.5
<b>Race/Ethnicity</b>				
Non-Hispanic White	928	572	61.6	62.5
Non-Hispanic Black	1735	913	52.6	52.4
Other	88	50	56.8	63.7
Hispanic	108	55	50.9	56.0
<b>Hispanic Ethnicity</b>				
Hispanic	121	69	57.0	57.4
Non-Hispanic	2706	1601	59.2	58.5
<b>Age</b>				
<20	934	564	50.6	53.1
20-29	1726	1015	58.8	57.7
30+	844	525	62.2	61.5
<b>Education</b>				
<HS	604	340	56.3	57.0
HS	946	543	57.4	55.8
>HS	1268	783	61.8	61.0
<b>Marital Status</b>				
Married	992	600	60.5	61.1
Other	1841	1073	58.3	56.2
<b>Previous Births</b>				
No Prev. Live Births	1017	628	61.8	61.8
1+ Prev. Live Births	1793	1033	57.6	56.6

## Insurance Status

**Table 1: Prevalence of insurance types prior to pregnancy, survey question 8**

Question	Weighted N	Weighted %	95% CI
Source of insurance before pregnancy (check all that apply)			
Insurance from job (mother, partner or parents)	26460	42.4	39.0 – 45.7
Health insurance that you or someone else paid	1522	2.4	1.3 – 3.6
Medicaid or LaMoms	13787	22.1	19.5 – 24.7
SCHIP or LaCHIP	1013	1.6	0.7 – 2.5
Tricare or other military health care	1507	2.4	1.3 – 3.5
Other	1054	1.7	0.8 – 2.5
No health insurance	16742	26.8	0.8 – 2.5

**Table 2: Prevalence of insurance types during pregnancy, survey question 23**

Question	Weighted N	Weighted %	95% CI
Source of insurance during pregnancy (check all that apply)			
Insurance from job (mother, partner or parents)	23621	38.3	34.9 – 41.6
Health insurance that you or someone else paid	1496	2.4	1.3 – 3.6
Medicaid or LaMOMS	36825	59.7	56.3 – 63.0
SCHIP or LaCHIP	571	0.9	0.3 – 1.6
Tricare or other military health care	1873	3.0	1.8 – 4.3
Other	408	0.7	0.1 – 1.2
No health insurance	723	1.2	0.4 – 1.9

**Table 3: Prevalence of current (time of survey) health insurance, survey question 71**

Question	Weighted N	Weighted %	95% CI
Source of postnatal insurance (check all that apply)			
Insurance from job (mother, partner or parents)	24020	38.8	35.4 – 42.1
Insurance that you or someone else paid	1691	2.7	1.5 – 3.9
Medicaid or LaMOMS	22888	37.2	34.2 – 40.3
SCHIP or LaCHIP	534	0.9	0.2 – 1.5
Tricare or other military health care	1867	3.0	1.8 – 4.3
Other	677	1.1	0.4 – 1.8
No health insurance	11098	18.0	15.3 – 20.7



## Preconception Health

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

Question	Weighted N	Weighted %	95% CI
Maternal BMI, pre-pregnancy			
Underweight (<18.5)	6703	10.8	8.7 – 13.0
Normal (18.5 – 24.9)	23616	41.5	38.0 – 44.9
Overweight (25.0 – 29.0)	12396	20.1	17.3 – 22.8
Obese (≥30)	17073	27.6	24.6 – 30.7

**Table 5: Prevalence of previous low birth weight and previous preterm births, survey questions 4-6**

Question	Weighted N	Weighted %	95% CI
Birth History			
Previous live births			
No	24391	39.5	36.1 - 42.9
Yes	37320	60.5	57.1 – 63.9
Previous low birth weight (among multiparous)			
No	30265	82.9	79.9 – 85.9
Yes	6239	17.1	14.1 – 20.1
Previous preterm birth (among multiparous)			
No	31317	85.8	83.0 – 88.7
Yes	5172	14.2	11.3 – 17.0

**Table 6: Prevalence of things done during the 12 months before pregnancy (pre-conception readiness), survey question 7**

Question	Weighted N	Weighted %	95% CI
Behaviors in 12 months prior to pregnancy (% yes)			
Dieting to lose weight	19453	31.2	28.0 – 34.5
Exercising 3+ days a week	28992	46.6	43.2 – 50.1
Taking prescription medications other than birth control	13490	21.7	18.8 – 24.6
Visited healthcare worker to be screened for diabetes	14001	22.6	19.8 – 25.5
Visited healthcare worker to be screened for high blood pressure	17113	27.7	24.7 – 30.8
Visited healthcare worker to be screened for depression or anxiety	13535	21.8	19.0 – 24.6
Spoke with healthcare provider about family medical history	17109	27.6	24.5 – 30.7
Had teeth cleaned by a dentist dental hygienist	30576	49.3	45.8 – 52.7

**Table 7: Prevalence of daily multivitamin use in the month prior to pregnancy, survey question 9**

Question	Weighted N	Weighted %	95% CI
Prenatal vitamin use			
Never	36811	60.2	56.8 – 63.7
1-3 times per week	5564	9.1	7.1 – 11.1
4-6 times per week	3397	5.6	4.0 – 7.1
Everyday	15349	25.1	22.0 – 28.2

**Table 8: Consulted with health care worker about how to improve health prior to pregnancy, survey question 10**

Question	Weighted N	Weighted %	95% CI
Consulted with health care worker			
No	49788	81.6	78.9 – 84.4
Yes	11191	18.4	15.6 – 21.1

**Table 9: Consulted with health care worker about health topics, survey question 11**

Question	Weighted N	Weighted %	95% CI
Discussed with health care worker (% yes)			
Taking vitamins with folic acid	9460	85.8	80.9 – 90.6
Being a healthy weight before pregnancy	7891	71.4	63.9 – 78.9
Getting my vaccines updated before pregnancy	5485	50.5	42.3 – 58.7
Visiting a dentist or dental hygienist before pregnancy	4359	39.8	31.8 – 47.7
Getting counseling for genetic disease	2954	26.7	19.5 – 33.9
Controlling any medical conditions	4940	45.1	37.1 – 53.1
Getting counseling or treatment for depression or anxiety	3376	30.5	23.1 – 38.0
Safety of prescription/over the counter medicine during pregnancy	7155	34.7	56.8 – 72.7
Smoking during pregnancy	7445	67.3	59.6 – 75.1
Drinking alcohol during pregnancy	7124	64.4	56.5 – 72.3
Using illegal drugs during pregnancy	6854	62.0	54.0 – 70.0

**Table 10: Prevalence of health conditions prior to pregnancy, survey question 12**

Question	Weighted N	Weighted %	95% CI
Health Condition			
Type 1 or Type 2 diabetes	1915	3.2	2.0 – 4.3
Hypertension	4143	6.8	5.2 – 8.4
Depression	6256	10.3	8.1 – 12.4

## Family Planning: Prior to Pregnancy

**Table 11: Feelings about becoming pregnant prior to this pregnancy, survey question 13**

Question	Weighted N	Weighted %	95% CI
Pregnancy feelings			
Wanted sooner	6065	10.0	7.8 – 12.1
Wanted later	18595	30.6	27.4 – 33.7
Wanted right then	20788	34.2	30.8 – 37.5
Wanted never	5395	8.9	7.0 – 10.7
Unsure	10020	16.5	13.9 – 19.0

**Table 12: Among women that wanted a later pregnancy, how much later, survey question 14**

Question	Weighted N	Weighted %	95% CI
How much later was the pregnancy desired			
Less than 1 year	1611	8.7	5.0 – 12.4
1 year to less than 2 years	5444	29.4	23.7 – 35.2
2 years to less than 3 years	4735	25.9	20.2 – 31.0
3 years to 5 years	5658	30.6	25.0 – 36.2
More than 5 years	1058	5.7	3.4 – 8.1

**Table 13: Proportion of women trying to become pregnant, survey question 15**

Question	Weighted N	Weighted %	95% CI
Trying to get pregnant			
No	35540	58.2	54.8 – 61.5
Yes	25549	41.8	38.5 – 45.2

**Table 14: Prevalence of pre-pregnancy contraception use among women who were not trying to become pregnant, survey question 16**

Question	Weighted N	Weighted %	95% CI
Used birth control			
No	21055	59.9	55.5 – 64.3
Yes	14104	40.1	35.7 – 44.5

**Table 15: Reasons for not using a contraceptive method prior to pregnancy among women not trying to become pregnant and reported not using birth control, survey question 17**

Question	Weighted N	Weighted %	95% CI
Reasons for not using birth control			
Didn't mind getting pregnant	7386	32.4	27.3 – 37.6
Didn't think could become pregnant	5953	26.1	21.4 – 30.8
Side effects from birth control	1544	6.8	4.2 – 9.3
Problems acquiring birth control	1252	5.5	3.1 – 7.9
Thought partner was sterile	1289	5.7	3.1 – 8.2
Partner didn't want to use	2669	11.7	8.3 – 15.2
Forgot to use birth control	2576	11.3	7.7 – 15.0
Other	2217	9.8	6.4 – 13.1

## *WIC Participation and Maternal Services*

**Table 16: Prevalence of WIC participation during pregnancy, survey question 33**

Question		Weighted N	Weighted %	95% CI
WIC during pregnancy	No	25456	42.0	38.6 – 45.4
	Yes	35144	58.0	54.6 – 61.4

**Table 17: Received information on breastfeeding from WIC, survey question 34**

Question		Weighted N	Weighted %	95% CI
Received information on breastfeeding from WIC	No	1039	3.0	1.5 – 4.5
	Yes	33594	97.0	95.5 – 98.5

**Table 18: Received services for pregnant women prior to and during pregnancy (from any organization or person), survey questions 74-75**

Question		Weighted N	Weighted %	95% CI
Received services for pregnant women prior to pregnancy	No	39239	63.8	60.5 – 67.1
	Yes	22277	36.2	32.9 – 39.5
Received the following services				
Counseling or support for depression		2460	4.0	2.7 – 5.3
Class or support to help stop smoking cigarettes		1013	1.7	0.8 – 2.5
Help to reduce violence at home		911	1.5	0.7 – 2.2

## Prenatal Care

**Table 19: Timing of entry to prenatal care, survey question 19**

Question	Weighted N	Weighted %	95% CI
Initiated care in 1 <sup>st</sup> trimester			
No	11545	19.0	16.3 – 21.6
Yes	48632	79.9	77.2 – 82.6
No PNC	658.5	1.1	0.4 – 1.7

**Table 20: Proportion of women who received prenatal care as early as desired, survey question 20**

Question	Weighted N	Weighted %	95% CI
Initiated care as early as desired			
No	10401	17.1	14.6 – 19.7
Yes	50311	82.9	80.3 – 85.4

**Table 21: Reasons for not getting prenatal care as early as wanted, survey question 21**

Question	Weighted N	Weighted %	95% CI
Reasons for not getting prenatal care as early as wanted (check all that apply)			
Couldn't get appointment	3000	27.9	20.6 – 35.3
Didn't have enough money or insurance	4531	42.1	34.2 – 50.1
No transportation	1237	11.7	6.7 – 16.6
Doctor/health plan wouldn't start earlier	2111	20.1	13.3 – 27.0
Too many other things going on	1107	10.7	5.6 – 15.7
Couldn't take time off work	442	4.2	0.8 – 7.7
Didn't have Medicaid card	4568	42.2	34.1 – 50.3
No childcare	623	6.0	2.1 – 9.8
Didn't know I was pregnant	3198	30.1	22.7 – 37.5
Didn't want to disclose pregnancy	683	6.6	2.8 – 10.3
Didn't want prenatal care	325	3.1	0.8 – 5.5

**Table 22: Source of prenatal care, survey question 22**

Question	Weighted N	Weighted %	95% CI
Source of prenatal care (check one)			
Hospital Clinic	15742	26.1	23.1 – 29.1
Health Department Clinic	3137	5.2	3.8 – 6.6
Private doctor's office	36648	60.7	57.4 – 64.0
Community health clinic	3562	5.9	4.3 – 7.4
Other	1296	2.1	1.1 – 3.2

**Table 23: Prenatal Healthcare worker discussions, survey question 24**

Question	Weighted N	Weighted %	95% CI
Topics discussed during prenatal care visits (% yes)			
Weight gain during pregnancy	43782	71.9	68.8 – 75.1
Smoking	45719	75.1	72.0 – 78.1
Breastfeeding	50011	82.2	79.4 – 84.9
Alcohol	45133	74.3	71.1 – 77.4
Seat belt use	31214	51.5	48.1 – 54.9
Safe medications	56808	93.0	91.2 – 94.8
Illegal drugs	42372	69.7	66.5 – 73.0
Birth defects screening	52923	87.0	84.6 – 89.4
Signs of preterm labor	48861	80.1	77.2 – 83.0
HIV testing	46160	75.9	72.8 – 78.9
What to do if feeling depressed	41577	68.2	64.9 – 71.5
Physical abuse by partners (IPV)	29995	49.3	45.9 – 52.7

**Table 24: Satisfaction with prenatal care services, survey question 25**

Question	Weighted N	Weighted %	95% CI
Satisfied with the following services (% yes)			
Amount of time to wait after arrived for visits	48519	81.1	78.3 – 83.9
Amount of time spent on visit	53919	90.1	88.0 – 92.2
Advice received on how to take care of yourself	55261	92.1	90.1 – 94.1
Level of understanding and respect that the staff showed	57608	96.2	94.9 – 97.6

**Table 25: Prevalence of attendance of a prenatal class, survey question 31**

Question		Weighted N	Weighted %	95% CI
Attended prenatal class	No	50895	85.0	82.5 – 87.5
	Yes	8986	15.0	12.5 – 17.5

**Table 26: Prevalence of prenatal home visitation, survey question 32**

Question		Weighted N	Weighted %	95% CI
Received a prenatal home visit	No	57853	95.2	93.8 – 96.6
	Yes	2930	4.8	3.4 – 6.2

**Table 27: Satisfaction with quality of prenatal care and birthing experience, survey questions 79-80**

Question		Weighted N	Weighted %	95% CI
Satisfaction with overall quality of prenatal care	Very satisfied	41378	67.1	63.9 – 70.3
	Satisfied	15200	24.7	21.7 – 27.6
	Neutral	2590	4.2	2.9 – 5.6
	Dissatisfied	1208	2.0	1.0 – 2.9
	Very dissatisfied	853	1.4	0.5 – 2.2
	Did not receive prenatal care	430	0.7	0.2 – 1.2
Satisfaction with overall birthing experience	Very satisfied	39383	63.9	60.5 – 67.2
	Satisfied	15510	25.2	22.1 – 28.2
	Neutral	3773	6.1	4.5 – 7.7
	Dissatisfied	1521	2.5	1.4 – 3.5
	Very Dissatisfied	1278	2.1	1.1 – 3.0
Baby was not born in a hospital or birthing center		<i>Insufficient data to report</i>		



## Prenatal Risk Factors

**Table 28: Prevalence of HIV testing during pregnancy, survey question 26**

Question		Weighted N	Weighted %	95% CI
Tested for HIV	Not tested	8745	17.0	14.0 – 19.9
	Tested	42802	83.0	80.1 – 86.0

**Table 29: Received testing for a UTI, STD or vaginal infection during pregnancy, survey question 77**

Question		Weighted N	Weighted %	95% CI
Received testing for a UTI, STD or vaginal infection	No	40815	66.3	63.0 – 69.6
	Yes	20743	33.7	30.4 – 37.0

**Table 30: Healthcare worker offered or told to get a flu shot in 12 months before delivery, survey question 27**

Question		Weighted N	Weighted %	95% CI
Offered or told to get flu shot	No	17495	29.0	25.8 – 32.2
	Yes	42898	71.0	67.8 – 74.2

**Table 31: Receipt of flu shot in 12 months before delivery, survey question 28**

Question		Weighted N	Weighted %	95% CI
Received flu shot	No	32097	54.2	50.6 – 57.7
	Yes, before pregnancy	5155	8.7	6.8 – 10.6
	Yes, during pregnancy	22000	37.1	33.7 – 40.6

**Table 32: Dental care during pregnancy, survey question 30**

Question	Weighted N	Weighted %	95% CI
Dental care during pregnancy (% yes)			
Knew importance of dental care during pregnancy	51753	85.7	83.3 – 88.2
Talked with dental or HCW about oral care	23029	38.1	34.7 – 41.6
Teeth cleaned by dentist or hygienist	20405	33.8	30.5 – 37.2
Insurance covered dental care	33052	55.3	51.8 – 58.9
Needed to see dentist for a problem	14180	23.6	20.6 – 26.5
Went to a dentist about a problem	5653	9.4	7.5 – 11.4

**Table 32: Prevalence of gestational diabetes during pregnancy, survey question 35**

Question	Weighted N	Weighted %	95% CI
Healthcare worker indicated gestational diabetes			
No	55354	91.5	89.6 – 93.5
Yes	5113	8.5	6.5 – 10.4

**Table 33: Proportion of women who received 17 alpha-hydroxyprogesterone (17-P), survey question 36**

Question	Weighted N	Weighted %	95% CI
Received 17-P*			
No	54163	91.3	89.5 – 93.1
Yes	5148	8.7	6.9 – 10.5

\*Irrespective of prior preterm status

## Tobacco and Alcohol Use

**Table 34: Prevalence of maternal tobacco use prior to, during and after pregnancy, survey questions 37-41**

Question	Weighted N	Weighted %	95% CI
Tobacco use in past 2 years			
No	43051	71.3	68.1 – 74.5
Yes	17336	28.7	25.5 – 31.9
Tobacco use 3 months prior to pregnancy			
No	44430	73.8	70.6 – 76.9
Yes	15801	26.2	23.1 – 29.4
Tobacco use during last 3 months of pregnancy			
No	52799	87.5	85.2 – 89.9
Yes	7516	12.5	10.1 – 14.8
Tobacco use now			
No	48925	81.1	78.3 – 83.9
Yes	11409	18.9	16.1 – 21.7
Changes in tobacco use during pregnancy			
Non smoker	44430	73.9	70.8 – 77.0
Smoker quit	8369	13.9	11.4 – 16.4
Smoker reduced	4523	7.5	5.6 – 9.4
Smoker same/more	2782	4.6	3.1 – 6.1
Smoking inside home			
No smoking in home	59190	95.6	94.3 – 96.9
Smoking in some rooms	2326	3.8	2.5 – 5.0
Smoking anywhere in home	417	0.7	0.2 – 1.1

**Table 35: Prevalence of maternal alcohol consumption and binge drinking prior to, during and after pregnancy, survey questions 42-44**

Question	Weighted N	Weighted %	95% CI
Alcohol use in past 2 years			
No	24223	39.2	36.0 – 44.4
Yes	37605	60.8	57.6 – 64.0
Alcohol use 3 months prior to pregnancy			
No	28463	46.3	42.9 – 49.6
Yes	33063	53.7	50.4 – 57.1
Alcohol use during last 3 months of pregnancy			
No	57087	93.0	91.1 – 94.9
Yes	4297	7.0	5.1 – 8.9
Changes in alcohol use during pregnancy			
Non drinker	28440	46.3	43.0 – 49.7
Drinker who quit	28626	46.6	43.2 – 50.1
Drinks reduced	2744	4.5	2.9 – 6.1
Drinks same/more	1530	2.5	1.4 – 3.6
Nondrinker resumed	<i>Insufficient data to report</i>		

## Maternal Stressors

**Table 36: Prevalence of stressful life events during pregnancy, survey question 45**

Question	Weighted N	Weighted %	95% CI
Maternal stressors in 12 months before baby was born (% yes)			
Family member sick	16582	26.9	23.8 – 30.0
Separation/divorce	8341	13.6	11.2 – 15.9
Moved to new address	20945	34.0	30.7 – 37.3
Homeless	1788	2.9	1.8 – 4.0
Partner lost job	8791	14.3	11.9 – 16.8
Mother lost job	6671	10.8	8.8 – 12.9
Cut in work hours or pay	10489	17.1	14.5 – 19.7
Apart from husband or partner	4605	7.5	5.6 – 9.4
Argued with partner more	17355	28.2	25.2 – 31.3
Partner said didn't want pregnancy	4378	7.1	5.4 – 8.9
Had bills couldn't pay	10713	17.4	14.8 – 20.0
Partner went to jail	3186	5.2	3.7 – 6.7
Someone close had problem with drinking/drugs	6471	10.5	8.3 – 12.7
Someone close died	10679	17.4	14.8 – 19.9

## *Experiences of Discrimination*

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**Table 37: Prevalence of stress due to racial discrimination, survey question 46**

Question	Weighted N	Weighted %	95% CI
Felt emotionally upset as a result of treatment based on race in the 12 months before baby was born			
No	55404	89.4	87.4 – 91.4
Yes	6562	10.6	8.6 – 12.6

**Table 38: Prevalence of racial discrimination in the 12 months prior to pregnancy, survey question 72**

Question	Weighted N	Weighted %	95% CI
Felt that race or ethnic background contributed to level of stress	1328	2.2	1.3 – 3.1
Felt emotionally upset as a result of how treated based on race or ethnic background	2136	3.5	2.3 – 4.7
Experienced physical symptoms that were related to treatment based on race or ethnic background	1162	1.9	1.0 – 2.8

## *Intimate Partner Violence*

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**Table 39: Prevalence of intimate partner violence prior to and during pregnancy, survey questions 47-48**

Question		Weighted N	Weighted %	95% CI
Intimate partner violence, before pregnancy*	No	60570	97.9	97.0 – 98.9
	Yes	1286	2.1	1.1 – 3.0
Intimate partner violence, during pregnancy*	No	60763	98.2	97.3 – 99.1
	Yes	1117	1.8	0.9 – 2.7

\*Includes mothers 18 year and older only

## Infant Health and Care

**Table 40: Infant stay in the neonatal intensive care unit (NICU) and length of infant hospital stay at birth, survey questions 51-52**

Question		Weighted N	Weighted %	95% CI
Baby ever in NICU				
	No	53267	87.0	85.1 – 88.9
	Yes	7976	13.0	11.1 – 14.9
Baby stay in hospital				
	Not born in hospital	<i>Insufficient data to report</i>		
	<1	1157	1.9	0.9 – 2.8
	1 to 2 days	33734	54.6	51.2 – 58.0
	3 to 5 days	21734	35.2	31.9 – 38.5
	6-14 days	2288	3.7	2.6 – 4.8
	14+ days	2421	4.1	3.2 – 4.7

**Table 41: Infant alive now and infant living with mother, survey questions 53-54**

Question		Weighted N	Weighted %	95% CI
Infant alive now				
	No	243	0.4	0.2 – 0.6
	Yes	60709	99.6	99.4 – 99.8
Infant living with mother				
	No	104	0.2	0.1 – 0.3
	Yes	60918	99.8	99.7 – 99.9

## Breastfeeding

**Table 42: Breastfeeding resources prior to the birth of baby, survey question 73**

Question	Weighted N	Weighted %	95% CI
Reported that the following happened (check all that apply)			
Someone answered questions about breastfeeding	38945	63.0	59.6 – 66.4
Offered a class on breastfeeding	28891	46.7	43.2 – 50.1
Attended a class on breastfeeding	8559	13.8	11.4 – 16.2
Decided or planned to feed only breastmilk to baby	30676	49.6	46.2 – 53.0
Discussed feeding only breastmilk to baby with family	30023	48.6	45.1 – 52.0
Discussed feeding only breastmilk to baby with healthcare worker	24007	38.9	35.5 – 42.3
Planned to breastfeed within the first hour after giving birth	32828	53.1	49.7 – 55.5

**Table 43: Prevalence of ever breastfeeding and barriers to initiation, survey questions 55-56**

Question	Weighted N	Weighted %	95% CI
Breastfeeding (ever)			
No	20696	33.7	30.6 – 36.8
Yes	40684	66.3	63.2 – 69.4
Reasons for not breastfeeding (among those who did not breastfeed, check all that apply)			
Sick or on medicine	2531	12.1	8.3 – 15.9
Other children to take care of	2964	14.2	10.0 – 18.3
Too many household duties	1886	9.0	5.6 – 12.4
Didn't like breastfeeding	3465	16.6	12.4 – 20.8
Too hard	1967	9.4	6.1 – 12.7
Didn't want to	8833	42.3	36.6 – 47.9
Went back to school or work	1556	7.4	4.3 – 10.6
Other	3159	15.1	11.0 – 19.3



**Table 44: Prevalence of breastfeeding continuation and barriers leading to discontinuation, survey questions 57-59**

Question	Weighted N	Weighted %	95% CI
Duration of breastfeeding (1 week or less)	3209	5.3	3.7 – 6.9
Duration of breastfeeding (2-4 weeks)	9098	15.0	12.5 – 17.5
Duration of breastfeeding (5-7 weeks)	2653	4.4	2.9 – 5.8
Duration of breastfeeding (8 weeks or more)	24937	41.2	37.7 – 44.6
<b>Hospital breastfeeding practices (check all that apply)</b>			
Staff gave information about breastfeeding	38889	97.5	96.2 – 98.9
Baby stayed in the same room	34724	87.3	84.8 – 89.8
Staff helped learn how to breastfeed	34854	87.9	85.0 – 90.7
Breastfed in the first hour after baby born	28916	72.7	68.9 – 76.5
Breastfed baby in the hospital	35720	90.6	88.2 – 92.9
Baby fed only breastmilk at the hospital	24351	61.1	56.8 – 65.5
Staff told to breastfeed whenever the baby wanted	34131	86.1	83.2 – 89.0
Hospital gave a breast pump	15802	39.6	35.4 – 43.0
Hospital gave a gift pack with formula	21742	54.8	50.4 – 59.2
Hospital gave telephone number to call for help breastfeeding	35411	89.3	86.5 – 92.1
Hospital gave baby a pacifier	23071	58.1	53.7 – 62.5

## Infant Sleep Environment

**Table 45: Prevalence of infant sleep position and environment, survey questions 61-63**

Question	Weighted N	Weighted %	95% CI
Sleep position			
Side	11110	18.2	15.6 – 20.8
Back	38767	63.4	60.1 – 66.6
Stomach	8160	13.3	11.1 – 15.6
Bed sharing (infant and caretaker in same bed)			
Always/often	16403	26.8	23.8 – 29.8
Sometimes/rarely	23349	38.1	34.7 – 41.5
Never	21491	35.1	31.7 – 38.4
Sleep environment elements (% yes)			
Crib	50813	83.2	80.6 – 85.8
Mattress	48677	80.1	77.3 – 82.9
Pillows	6834	11.2	9.1 – 13.4
Bumper pads	14611	24.0	21.0 – 27.1
Plush or thick blankets	11377	18.8	16.1 – 21.5
Stuffed toys	2168	3.6	2.3 – 4.9
Infant positioner	7584	12.5	10.2 – 14.8
Bed sharing	23496	38.7	35.3 – 42.0

*Family Planning: Post-partum*

**Table 46: Prevalence of contraception use post-partum and reasons for not using a contraception method, survey questions 65-67**

Question	Weighted N	Weighted %	95% CI
Current birth control use			
Not currently using	12610	20.4	17.6 – 23.2
Currently using	49102	79.6	76.8 – 82.4
If no current birth control, why not (check all that apply)			
Not having sex	2984	23.4	17.1 – 29.7
Want to get pregnant	1729	13.6	8.2 – 19.0
Don't want to use	2999	23.5	16.9 – 30.1
Side effects	2420	19.0	13.0 – 25.0
Partner doesn't want to use	887	7.0	3.1 – 10.9
Problems getting birth control	579	4.5	1.5 – 7.6
Tubes tied	1704	13.4	8.1 – 18.6
Partner had vasectomy	0	0	0
Pregnant right now	458	3.6	1.0 – 6.2
Other	1783	14.0	8.7 – 19.3
If currently using birth control, what kind (check all that apply)			
Tubes tied or blocked	4945	10.0	7.8 – 12.3
Vasectomy	1456	3.0	1.5 – 4.4
Birth control pills	15037	30.5	26.8 – 34.1
Condoms	11009	22.3	19.0 – 25.6
Injection	7634	15.5	12.9 – 18.0
Contraceptive implant	2048	4.2	2.6 – 5.7
Contraceptive patch or ring	1182	2.4	1.1 – 3.7
IUD	4631	9.4	7.2 – 11.6
Natural family planning	1118	2.3	1.0 – 3.5
Withdrawal	7249	14.7	11.8 – 17.6
Abstinence	4220	8.6	6.4 – 10.7
Other	746	1.5	0.5 – 2.5

## Post-Partum Health

**Table 47: Prevalence of postpartum check-up, survey question 68**

Question		Weighted N	Weighted %	95% CI
Received a postpartum check-up	No	6794	11.0	8.8 – 13.2
	Yes	54719	89.0	86.8 – 91.2

**Table 48: Prevalence of postnatal home visitation, survey question 64**

Question		Weighted N	Weighted %	95% CI
Received a postnatal home visit	No	58272	94.7	93.3 – 96.2
	Yes	3230	5.3	3.8 – 6.7

**Table 49: Mother's relationship with baby's father (select one), survey question 76**

Question	Weighted N	Weighted %	95% CI
Husband (legally married)	28259	46.2	43.0 – 49.5
Partner (not legally married)	11054	18.1	15.4 – 20.7
Boyfriend	18119	29.6	26.8 – 32.5
Friend	2835	4.6	3.4 – 5.9
Other	867	1.4	0.6 – 2.2

## Post-Partum Depression

**Table 50: Spoke with a healthcare worker during pregnancy about “baby blues” or postpartum depression (PPD), survey question 78**

Question	Weighted N	Weighted %	95% CI
Spoke with a healthcare worker about baby blues or PPD			
No	22895	37.1	33.8 – 40.5
Yes	38743	62.9	59.5 – 66.2

**Table 51: Prevalence of maternal postpartum depressive symptoms, survey questions 69-70**

Question	Weighted N	Weighted %	95% CI
Postpartum depressive symptoms			
Rarely/Never	42939	70.0	66.8 – 73.2
Sometimes	13352	21.8	18.9 – 24.7
Often/Always	5059	8.2	6.4 – 10.1
Little interest or pleasure in doing things			
Rarely/Never	43166	70.5	67.3 – 73.6
Sometimes	12095	19.7	17.0 – 22.5
Often/Always	5984	9.9	7.8 – 11.7
Depression indicator*			
No	52830	86.4	84.1 – 88.7
Yes	8314	13.6	11.3 – 15.9

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

## Maternity Leave Experiences

**Table 52: Type of maternity leave taken, survey question 83**

Question	Weighted N	Weighted %	95% CI
Type of leave taken from work after baby born (check all that apply)			
Paid leave	12179	44.2	38.9 – 49.4
Unpaid leave	16832	61.1	55.9 – 66.3
Did not take leave	710	2.6	1.0 – 4.1

**Table 53: Factors affecting maternity leave decisions, survey question 84**

Question	Weighted N	Weighted %	95% CI
Factors affecting maternity leave decision after baby was born (% yes)			
Could not financially afford to take leave	7461	28.2	23.3 – 33.1
Afraid to lose job if took leave or stayed out longer	3556	13.4	9.7 – 17.1
Had too much work to do to take leave or stay out longer	4116	15.6	11.6 – 19.7
Job does not have paid leave	8536	32.3	27.2 – 37.5
Job does not offer flexible work schedule	4501	17.1	13.1 – 21.0
Had not built up enough leave time to take any more time off	5771	21.9	17.4 – 26.5

**Table 54: Total Household Income, survey question 85**

Question	Weighted N	Weighted %	95% CI
Total household income in the 12 months before the baby was born			
\$15,000 or less	23006	39.4	36.2 – 42.5
\$15,001 - \$19,000	4695	8.0	6.2 – 9.9
\$19,001 - \$22,000	3116	5.3	3.8 – 6.9
\$22,001 - \$26,000	2283	3.9	2.5 – 5.4
\$26,001 - \$29,000	1911	3.3	1.9 – 4.6
\$29,001 - \$37,000	2162	3.7	2.3 – 5.1
\$37,001 - \$44,000	2243	3.8	2.4 -5.3
\$44,001 - \$52,000	2467	4.2	2.7 – 5.7
\$52,001 - \$56,000	1566	2.7	1.5 – 3.9
\$56,001 - \$67,000	2353	4.0	2.5 – 5.5
\$67,001 - \$79,000	2251	3.9	2.4 – 5.3
\$79,001 or more	10364	17.7	14.9 – 20.6