

Arkansas Pregnancy Risk Assessment Monitoring System (PRAMS) Survey

2015 Surveillance Report

A Survey to Improve the Health of Babies and Mothers in Arkansas



**Arkansas Department of Health
Survey Unit, Health Statistics Branch
Center for Public Health Practice**

August 2017



Table of Contents

	Page
List of Tables by General Topic	i
Introduction	1
Maternal Demographics	2

BEFORE PREGNANCY

Preconception Health and Insurance

Table 1. Pre-pregnancy BMI	3
Table 2. Birth History	3
Table 3. Preconception Health	4
Table 4. Health Insurance before Pregnancy	4
Table 5. Multivitamin, Prenatal Vitamin, Folic Acid Use	5
Table 6. Advice on Pre-pregnancy Health	5
Table 7. Pre-pregnancy Health Conditions	5

Pregnancy Intention

Table 8. Feelings about Becoming Pregnancy	6
Table 9. Desire for Later Pregnancy	6
Table 10. Trying to Get Pregnant	6
Table 11. Trying to Keep from Getting Pregnant	7
Table 12. Reasons for Not Using Contraceptives to Prevent Pregnancy	7

DURING PREGNANCY

Prenatal Care

Table 13. Adequate Prenatal Care	7
Table 14. Source of Prenatal Care	8
Table 15. Health Insurance for Prenatal Care	8
Table 16. Health Care Worker Advice During Prenatal Visits	9
Table 17. HIV Testing During Pregnancy or Delivery	9
Table 18. Knowledge of Folic Acid in Preventing Birth Defects	9
Table 19. Flu Shots – Offered Shot by Health Care Worker	10
Table 20. Received Flu Shot 12 Months before Delivery	10
Table 21. Knowledge of Importance of Oral Health Care	10
Table 22. Women Who Took Child Birth Classes	11
Table 23. Home Visitor Help with New Baby	11
Table 24. Breastfeeding Information from WIC	11
Table 25. Gestational Diabetes	12

Pregnancy and Smoking

Table 26. Smoking Before, During, and After Pregnancy	12
Table 27. Women Who Quit Smoking Last Three Months and Resumed	13
Table 28. Drinking Before and During Pregnancy	13

Sources of Stress and Abuse

Table 29. Sources of Stress 12 Months Before Baby Born 14
Table 30. Prevalence and Source of Abuse 12 Months Before
and During Pregnancy 14
Table 31. Weight Gain During Pregnancy..... 15

AFTER PREGNANCY

Infant Hospital Stay

Table 32. Infant Put in NICU After Birth 15
Table 33. Length of Infant Stay in Hospital After Delivery 15

Breastfeeding

Table 34. Mothers Who Ever Breastfed and Mothers Still Breastfeeding 16
Table 35. Hospital Breastfeeding Practices and Experiences..... 16

Infant Sleep Position

Table 36. Advice from Health Care Worker on Infant Sleep Position 17
Table 37. Infant Sleep Position..... 17

Well-Baby Care and Source of Care for Sick Infants

Table 38. Percentage of Infants Who Had Well-Baby Checkup and
Source of Checkup 17
Table 39. Source of Care for Sick Baby 18
Table 40. Percentage of Mothers Receiving Infant Care Assistance
from Home Visitor..... 18

Postpartum Contraceptive Use

Table 41. Percentage of Women Doing Something to Prevent Pregnancy and
Reasons for Not Using Contraceptives..... 18
Table 42. Type of Postpartum Contraceptives Used..... 19

Mothers' Postpartum Health

Table 43. Percentage of Mothers Who Have Had Postpartum Checkup 19
Table 44. Postpartum Depression 19
Table 45. Percentage of Mother with Little Interest or Pleasure Since
New Baby Born..... 20
Table 46. Source of Insurance at Time of Survey 20

OTHER EXPERIENCES

Table 47. Percentage of Mothers Who Had Miscarriage 12 Months
Before Pregnancy 21
Table 48. Percentage of Mothers Who Tried to Get Pregnant Three
Months Before Last Pregnancy..... 21

Table 49. Mothers' Feeling About Last Pregnancy.....	22
Table 50. Things that Happened Related to Breastfeeding Before Last Pregnancy.....	22
Table 51. Things that Make it Hard to Quit Smoking	23
Table 52. Mother's Emotional State During Pregnancy	23
Table 53. Abusive Things that Happened During Pregnancy	23
Table 54. Dental Care	24
Table 55. Reasons for Feeling Being Treated Unfairly During Pregnancy	24
Table 56. Yearly Household Income 12 Months Before New Baby Born.....	25

Introduction

The Arkansas Pregnancy Risk Assessment Monitoring System (PRAMS) survey is a joint research project between the Health Statistics Branch of the Arkansas Department of Health and the U.S. Centers for Disease Control and Prevention (CDC). The PRAMS survey was started by the CDC in 1987 to provide states with information needed to reduce the number and percentage of babies that are low birthweight and to prevent infant mortality. The program was later expanded to support the CDC's Safe Motherhood Initiative to help women have healthy pregnancies and deliver healthy babies. Arkansas has been conducting the survey since 1997.

The PRAMS survey collects information from new mothers about their experiences and behaviors before, during, and after their pregnancy that might affect the health of their baby or the health of the mother. Because the same data collection methods are used in all states conducting the survey, Arkansas data can be compared to data from other states.

Women who receive the survey are chosen from a sample of all Arkansas women who recently had a live birth in Arkansas and whose infant is 2 to 6 months at the time of the sample is selected. The sample is adjusted so that the results of the survey are applicable to all eligible women. For 2015, the total number of women sampled was 1,513, and 902 women responded to the survey for a weighted response rate of 62.6%. The denominator for calculating prevalence rates includes all respondents except those with missing, don't know, and refused answers.

PRAMS can be used in a number of ways:

- To develop programs or interventions to improve infant health
- To identify groups of women at high risk for infant health problems
- To monitor changes in factors related to infant health
- To measure progress towards goals in improving the health of infants

This surveillance report provides results for questions included in the 2015 Arkansas PRAMS survey. Questions on the survey were grouped to capture information on experiences and behaviors before, during, and after pregnancy and other experiences. A more detailed analysis (e.g., race/ethnicity, age, education, etc.) for any of the questions is available upon request. A copy of the 2015 (Phase 7) survey with the questions referenced in the report is available at <http://www.healthy.arkansas.gov/programsServices/healthStatistics/PRAMS/Pages/Questionnaires.aspx>.

For more information about Arkansas PRAMS please visit <http://www.healthy.arkansas.gov/programsServices/healthStatistics/PRAMS/Pages/default.aspx>. Information about CDC PRAMS is available at www.cdc.gov/prams.

Maternal Characteristics of Arkansas PRAMS Respondents, 2015

Characteristic	Number (n)	Weighted Sample	Weighted Percent	SE*
Race/Ethnicity				
White, NH	526	25,100	70.7	2.1
Black, NH	272	5,721	16.1	1.6
Other, NH	17	903	2.5	0.7
Hispanic	81	3,798	10.7	1.5
Total	896	35,522	100.0	
Age				
<20	107	4,063	11.4	1.5
20-24	281	9,975	28.0	2.1
25-34	434	18,560	52.1	2.3
35+	80	2,996	8.4	1.3
Total	902	35,595	100.0	
Education				
<High School	167	5,821	16.5	1.7
High School	313	11,017	31.2	2.2
>High School	413	18,436	52.3	2.3
Total	893	35,274	100.0	
Marital Status				
Married	404	19,058	53.5	2.3
Unmarried	498	16,537	46.5	2.3
Total	902	35,595	100.0	
On Medicaid**				
Yes	509	18,171	51.4	2.3
No	385	17,208	48.6	2.3
Total	894	35,378	100.0	
Received WIC During Pregnancy				
No	297	15,076	42.5	2.3
Yes	595	20,382	57.5	2.3
Total	892	35,458	100.0	

*Standard error

**Prenatal care paid for by Medicaid or ARKids First.

RESULTS FROM 2015 ARKANSAS PRAMS SURVEY

BEFORE PREGNANCY

Table 1. Body Mass Index (BMI) prior to pregnancy. Derived from survey questions 1-2 about height and weight just before getting pregnant.

Pre-pregnancy BMI	Responses (n)	Weighted Percent	Standard Error	95% CI	
Underweight (< 18.5)	40	3.2	0.8	1.6	4.8
Normal (18.5-24.9)	366	47.5	2.4	42.9	52.2
Overweight (25.0-29.9)	189	22.9	2.0	19.0	26.8
Obese (30.0 +)	269	26.4	2.1	22.3	30.5
Total	864	100.0			

Table 2. Birth history from survey questions 4-6. Prevalence of previous low birth weight and preterm infants among women who have had previous births.

Birth History	Responses (n)	Weighted Percent	Standard Error	95% CI	
Previous live birth					
No	326	36.9	2.3	32.4	41.4
Yes	562	63.1	2.3	58.6	67.6
Total	888	100.0			
Previous low birth weight infant					
No	430	84.2	2.0	80.3	88.1
Yes	122	15.8	2.0	11.9	19.7
Total	552	100.0			
Previous preterm birth					
No	441	83.7	2.1	79.6	87.8
Yes	112	16.3	2.1	12.2	20.4
Total	553	100.0			

Table 3. From survey question 7. Prevalence of behaviors during 12 months before getting pregnant with new baby (Preconception health). All applicable Yes responses checked.

Behaviors during 12 months before pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
Dieting to lose weight	231	29.4	2.1	25.2	33.5
Exercising 3 or days per week	375	44.3	2.3	39.8	48.9
Taking prescription medications other than birth control	179	19.7	1.9	16.1	23.4
Visited health care worker and was checked for diabetes	207	19.5	1.8	16.0	23.1
Visited health care worker and was checked for high blood pressure	273	25.0	2.0	21.1	28.9
Visited health care worker and was checked for depression or anxiety	208	23.6	2.0	19.7	27.5
Talked to health care worker about family medical history	308	32.6	2.2	28.3	36.8
Had teeth cleaned by dentist or dental hygienist	437	50.3	2.3	45.7	54.9

Table 4. Survey question 8. Type of health insurance a month before getting pregnant with new baby. Mother checked all that were applicable.

Source of health insurance before pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
Insurance from job or job of husband, partner, or parents	306	41.0	2.3	36.4	45.5
Insurance purchased directly from insurance company	49	5.0	1.0	3.0	7.0
Medicaid	282	21.1	1.8	17.5	24.7
ARKids First	66	8.2	1.3	5.6	10.8
Tricare or other military	†18	2.7	0.8	1.2	4.3
Other	62	4.9	1.0	3.0	6.8
None	156	19.2	1.8	15.6	22.9

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 5. Survey question 9. Multivitamin, prenatal vitamin, or folic acid vitamin use during month before got pregnant with new baby.

How often vitamins taken	Responses (n)	Weighted Percent	Standard Error	95% CI	
Didn't take any vitamins	552	60.0	2.3	55.5	64.5
1-3 times a week	64	6.3	1.1	4.1	8.5
4-6 times a week	34	5.1	1.0	3.1	7.2
Every day of the week	248	28.6	2.1	24.4	32.7
Total	898	100.0			

Table 6. Survey question 10. Advice from health care worker about how to improve health before pregnancy.

Talked to about improving health	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	679	81.4	1.7	78.0	84.8
Yes	215	18.6	1.7	15.2	22.0
Total	894	100.0			

Table 7. Survey question 11. Before pregnancy, told had health conditions by health care worker.

Health Condition	Responses (n)	Weighted Percent	Standard Error	95% CI	
Type 1 or 2 diabetes					
No	853	97.1	0.7	95.7	98.6
Yes	30	2.9	0.7	1.4	4.3
Total	883	100.0			
High blood pressure or hypertension					
No	794	93.1	1.1	90.9	95.3
Yes	98	6.9	1.1	4.7	9.1
Total	892	100.0			
Depression					
No	740	84.5	1.7	81.2	87.8
Yes	145	15.5	1.7	12.2	18.8
Total	885	100.0			

Table 8. Survey question 12. Feelings about becoming pregnant prior to this pregnancy.

Pregnancy feelings	Responses (n)	Weighted Percent	Standard Error	95% CI	
Wanted later	271	30.2	2.2	26.0	34.4
Wanted sooner	83	10.9	1.5	8.0	13.9
Wanted then	291	34.3	2.2	29.9	38.6
Wanted never	81	7.3	1.2	5.0	9.7
Not sure how felt	165	17.3	1.7	13.8	20.7
Total	891	100.0			

Table 9. From survey question 12. Among women who wanted a later pregnancy, how much later.

How much later	Responses (n)	Weighted Percent	Standard Error	95% CI	
Less than 1 year	32	14.0	3.0	8.2	19.8
1 year to 2 years	79	33.1	4.1	25.1	41.1
2 years to 3 years	63	21.8	3.5	14.9	28.7
3 years to 5 years	77	26.7	3.9	19.1	34.4
More than 5 years	†19	4.4	1.7	1.1	7.7
Total	270	100.0			

Table 10. From survey question 14. Percentage of women trying to get pregnant when became pregnant.

Trying to get pregnant	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	565	59.2	2.3	54.7	63.7
Yes	331	40.8	2.3	36.3	45.3
Total	896	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 11. From survey question 15. Percentage of women who were not trying to get pregnant (Table 10) and were doing something to keep from getting pregnant.

Trying to keep from getting pregnant	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	330	53.5	3.0	47.6	59.4
Yes	233	46.5	3.0	40.6	52.4
Total	563	100.0			

Table 12. Survey question 16. For women not trying to get pregnant (Q. 14) and not using contraceptives (Q. 15), reasons for not doing anything to keep from getting pregnant. All applicable reasons checked.

Reason for not doing anything	Responses (n)	Weighted Percent	Standard Error	95% CI	
Didn't mind	130	39.1	4.0	31.3	46.9
Thought could not get pregnant at that time	126	32.9	3.8	25.4	40.3
Had side effects from birth control	46	10.2	2.4	5.5	14.9
Problems getting birth control when needed	†18	5.4	1.8	1.9	8.9
Thought could not get pregnant at all	61	17.2	3.1	11.0	23.4
Husband/partner did not want to use anything	78	25.2	3.6	18.1	32.2
Forgot to use birth control	32	11.6	2.6	6.5	16.7
Other reason	†27	9.9	2.5	5.0	14.9

DURING PREGNANCY

Table 13. Derived from survey question 17. Prevalence of prenatal care in the first trimester.

Received prenatal care in 1st trimester	Responses (n)	Weighted Percent	Standard Error	95% CI	
Yes	709	82.6	1.8	79.2	86.1
No	174	16.8	1.7	13.4	20.2
No PNC	†7	0.6	0.4	0.0	1.3
Total	890	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 14. Survey question 18. Where woman went most of the time for prenatal care visits.

Source of prenatal care	Responses (n)	Weighted Percent	Standard Error	95% CI	
Hospital clinic	227	27.0	2.1	22.9	31.1
Health Department clinic	95	8.4	1.2	6.0	10.9
Private doctor's office	394	41.9	2.3	37.4	46.4
Community health center	108	14.8	1.7	11.5	18.1
Midwife	51	5.6	1.1	3.5	7.6
Other	†12	2.3	0.7	0.9	3.7
Total	887	100.0			

Table 15. Survey question 19. Type of health insurance used for prenatal care during most recent pregnancy. All applicable choices selected.

Type of insurance used	Responses (n)	Weighted Percent	Standard Error	95% CI	
Insurance from job or job of husband, partner, or parents	272	37.7	2.3	33.2	42.1
Insurance purchased directly from insurance company	44	3.5	0.8	1.9	5.1
Medicaid	475	47.4	2.3	42.8	52.0
ARKids	47	5.7	1.1	3.5	7.9
Tricare or other military	†16	2.5	0.8	1.1	4.0
Other	61	5.0	1.0	3.1	6.9
None	50	5.1	1.0	3.1	7.1

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 16. Survey question 20. Topics of discussion with health care worker during prenatal visits (%Yes). All applicable choices selected.

Topic of discussion	Responses (n)	Weighted Percent	Standard Error	95% CI	
Weight gain during pregnancy	619	70.5	2.1	66.3	74.6
How smoking can affect baby	663	71.0	2.1	66.8	75.2
Breastfeeding my baby	701	78.8	1.9	75.1	82.6
How drinking can affect baby	629	68.1	2.2	63.8	72.4
Using seat belt during pregnancy	408	39.7	2.3	35.2	44.2
Safe medicines during pregnancy	788	89.3	1.4	86.5	92.1
The effect of illegal drugs on baby	584	61.6	2.3	57.1	66.1
Screening for birth defects or diseases	682	78.6	1.9	74.8	82.4
Signs and symptoms of preterm labor	637	70.6	2.1	66.4	74.8
Getting tested for HIV	550	57.8	2.3	53.2	62.3
What to do about depression before and after pregnancy	529	60.5	2.3	56.0	65.0
Physical abuse by husband or partner	343	35.3	2.2	30.9	39.6

Table 17. Survey question 21. Test for HIV during most recent pregnancy or delivery.

Tested for HIV	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	237	36.0	2.5	31.1	41.0
Yes	477	64.0	2.5	59.0	68.9
Total	714	100.0			

Table 18. Question question 22. Ever heard or read that taking folic acid can prevent birth defects.

Heard or read about folic acid	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	249	25.3	2.0	21.4	29.2
Yes	651	74.7	2.0	70.8	78.6
Total	900	100.0			

Table 19. Survey question 23. Health care worker offered or told to get flu shot 12 months before delivery of new baby.

Offered or told to get flu shot	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	220	21.0	1.9	17.3	24.7
Yes	668	79.0	1.9	75.3	82.7
Total	888	100.0			

Table 20. Survey Question 24. Received flu shot 12 months before delivery of new baby.

Got flu shot	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	422	41.0	2.3	36.5	45.5
Yes, before pregnancy	131	16.2	1.7	12.8	19.6
Yes, during pregnancy	331	42.9	2.3	38.3	47.4
Total	884	100.0			

Table 21. Survey question 26. Knowledge of care of teeth during most recent pregnancy (%Yes). All applicable responses checked.

Care of teeth	Responses (n)	Weighted Percent	Standard Error	95% CI	
Knew it was important to care for teeth and gums	787	89.8	1.4	87.1	92.5
Health care worker talked to me about care of teeth and gums	406	44.7	2.3	40.2	49.3
Had teeth cleaned by dentist or dental hygienist	333	39.3	2.3	34.8	43.8
Had dental insurance	528	61.7	2.3	57.2	66.2
Needed to see dentist for problem	233	22.1	1.9	18.3	25.8
Went to see dentist for problem	137	13.5	1.6	10.4	16.5

Table 22. Survey question 27. Percentage of women who take a class to prepare for childbirth, labor, and delivery.

Took class	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	780	87.7	1.6	84.7	90.8
Yes	116	12.3	1.6	9.2	15.3
Total	896	100.0			

Table 23. Survey question 28. Percentage of women who had a home visitor to help prepare for new baby.

Help from home visitor	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	830	97.5	0.7	96.1	98.9
Yes	67	2.5	0.7	1.1	3.9
Total	897	100.0			

Table 24. Survey question 30. Women on WIC who received breastfeeding information during WIC visits.

Received breastfeeding information	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	†28	4.4	1.2	2.0	6.8
Yes	565	95.6	1.2	93.2	98.0
Total	593	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 25. Survey question 31. Told had gestational diabetes during most recent pregnancy.

<u>Told had gestational diabetes</u>	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	799	90.7	1.3	88.0	93.3
Yes	84	9.3	1.3	6.7	12.0
Total	883	100.0			

Table 26. Derived from survey questions 32-35. Prevalence of smoking before, during, and after pregnancy. (Smoking questions asked of women who had smoked any cigarettes in the past two years.)

<u>Smoked 3 months before pregnancy</u>	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	622	70.6	2.1	66.4	74.7
Yes	271	29.4	2.1	25.3	33.6
Total	893	100.0			

Smoked last 3 months of pregnancy

No	728	84.2	1.7	81.0	87.5
Yes	164	15.8	1.7	12.5	19.0
Total	892	100.0			

Smoke now (at time of survey)

No	671	78.0	1.9	74.3	81.7
Yes	221	22.0	1.9	18.3	25.7
Total	892	100.0			

Table 27. Derived from survey questions 32-25. Women who quit smoking during last 3 months of pregnancy and resumed after delivery.

Smoking status last three months of pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
Quit in last three months	108	46.7	4.3	38.3	55.1
Did not quit in last three months	162	53.3	4.3	44.9	61.7
Total	270	100.0			
Smoking status after delivery for women who quit					
Smoking resumed after delivery	60	49.6	6.4	37.0	62.3
Smoking not resumed after delivery	47	50.4	6.4	37.7	63.0
Total	107	100.0			

Table 28. Derived from survey questions 36-38. Prevalence of drinking before and during pregnancy. (Drinking questions asked of women who had any alcoholic drinks in the past two years.)

Drinking and pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
Drank 3 months before pregnancy					
No	482	51.1	2.3	46.5	55.7
Yes	402	48.9	2.3	44.3	53.5
Total	884	100.0			
Drank last 3 months of pregnancy					
No	839	94.5	1.1	92.5	96.6
Yes	48	5.5	1.1	3.4	7.5
Total	887	100.0			

Table 29. Survey question 39. Sources of stress 12 months before baby was born (% Yes for all applicable sources).

Source of stress	Responses (n)	Weighted Percent	Standard Error	95% CI	
Close family member ill and in hospital	257	29.2	2.1	25.1	33.4
Got separated or divorced	94	8.6	1.3	6.1	11.1
Moved to new address	363	44.0	2.3	39.4	48.5
Homeless	†24	2.6	0.7	1.2	4.0
Husband or partner lost job	131	15.2	1.7	12.0	18.5
Woman lost job and wanted to work	117	14.8	1.7	11.5	18.1
Woman, husband, or partner had cut in pay or work hours	167	20.4	1.9	16.6	24.1
Apart from husband or partner due to work or military deployment	48	4.8	1.0	2.8	6.8
Argued with husband or partner more than usual	269	29.3	2.1	25.2	33.5
Husband or partner didn't want pregnancy	76	8.3	1.3	5.7	10.8
Had problems paying bills	193	20.8	1.9	17.2	24.5
Husband, partner, or woman went to jail	56	5.8	1.1	3.7	7.9
Close person had drinking or drug problem	152	16.0	1.7	12.7	19.4
Someone close died	210	22.4	1.9	18.6	26.3

Table 30. Survey questions 40-43. Abuse 12 months before pregnancy and during pregnancy.

Source of abuse 12 months before pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
<u>12 months before pregnancy</u>					
Abused by husband or partner	48	4.1	0.9	2.3	5.8
Abused by someone else	†29	3.7	0.9	1.9	5.5
<u>During most recent pregnancy</u>					
Abused by husband or partner	32	3.0	0.8	1.5	4.5
Abused by someone else	†20	2.0	0.7	0.7	3.3

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 31. Derived from survey question 45. Weight gain during pregnancy.

Weight gain	Responses (n)	Weighted Percent	Standard Error	95% CI	
Gained weight	788	94.6	1.1	92.4	96.7
Lost weight	46	4.5	1.0	2.6	6.5
Weight did not change	†11	0.9	0.5	0.0	1.8
Total	845	100.0			

AFTER PREGNANCY

Table 32. Survey question 46. Percentage of infants put in neonatal intensive care unit (NICU) after birth.

Infant put in NICU	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	706	87.8	1.3	85.1	90.4
Yes	179	12.2	1.3	9.6	14.9
Total	885	100.0			

Table 33. Survey question 47. Length of infant stay in hospital after delivery.

Length of stay	Responses (n)	Weighted Percent	Standard Error	95% CI	
< 1 day	†27	3.5	0.8	1.8	5.1
1-2 days	500	63.6	2.2	59.2	67.9
3-5 days	211	23.2	2.0	19.3	27.1
6-14 days	58	4.5	0.9	2.7	6.2
More than 14 days	80	4.1	0.7	2.7	5.4
Infant not born in hospital	†6	1.1	0.5	0.1	2.1
Infant still in hospital	†4	0.1	0.1	0.0	0.3
Total	886	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 34. Survey questions 50 and 51. Percentage of mothers who ever breastfed or pumped breast milk and those still breastfeeding.

Ever breastfeed and still breastfeeding	Responses (n)	Weighted Percent	Standard Error	95% CI	
<u>Ever breastfed or pumped milk</u>					
No	257	20.8	1.9	17.1	24.5
Yes	608	79.2	1.9	75.5	82.9
Total	865	100.0			
<u>Mothers who ever breastfed and still breastfeeding or feeding pumped milk to baby (at time survey)</u>					
No	377	52.5	2.7	47.3	57.8
Yes	227	47.5	2.7	42.2	52.7
Total	604	100.0			

Table 35. Survey question 53. Things that happened at hospital where new baby was born. (Hospital breastfeeding practices)

Things that happened	Responses (n)	Weighted Percent	Standard Error	95% CI	
Given information about breastfeeding	540	91.2	1.6	88.1	94.2
Baby stayed in same room	480	89.4	1.5	86.5	92.3
Hospital staff helped with breastfeeding	436	73.6	2.4	68.9	78.2
Breastfed first hour after delivery	372	74.4	2.3	69.9	79.0
Breastfed baby in hospital	494	90.6	1.5	87.8	93.5
Baby fed only breast milk at hospital	341	69.0	2.5	64.1	73.8
Told to breastfeed on demand	448	83.1	1.9	79.3	86.9
Hospital gave me breast pump	237	33.0	2.5	28.0	37.9
Hospital gave me gift pack with formula	362	51.3	2.7	46.0	56.7
Hospital gave telephone number to call for help with breastfeeding	459	80.1	2.2	75.9	84.3
Hospital staff gave baby a pacifier	418	61.1	2.7	55.8	66.3

Table 36. Survey question 54. Advice from health care worker on how to lay new infant down to sleep.

Received advice on infant sleep position	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	132	19.4	1.9	15.7	23.1
Yes	723	80.6	1.9	76.9	84.3
Total	855	100.0			

Table 37. Survey question 55. One position most often used to lay baby down to sleep.

Sleep position most often used	Responses (n)	Weighted Percent	Standard Error	95% CI	
Side	150	16.1	1.7	12.8	19.5
Back	572	70.7	2.1	66.5	74.9
Stomach	94	9.7	1.4	6.9	12.4
Other	39	3.5	0.8	1.8	5.1
Total	855	100.0			

Table 38. Survey questions 56 and 57. Well baby care and all sources of care for sick infant.

Well-baby checkup and source of checkup	Responses (n)	Weighted Percent	Standard Error	95% CI	
<u>Infant had well-baby checkup</u>					
No	†27	3.7	0.9	1.9	5.4
Yes	828	96.3	0.9	94.6	98.1
Total	855	100.0			
<u>Source of well-baby checkup</u>					
Hospital clinic	140	18.3	1.9	14.7	22.0
Private doctor's office	507	63.6	2.3	59.1	68.2
Community health clinic	41	5.4	1.1	3.3	7.6
Other	135	12.6	1.6	9.5	15.7
Total	823	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 39. Survey question 59. Where new baby taken when sick and needed care. All applicable sources checked.

Source of care for sick baby	Responses (n)	Weighted Percent	Standard Error	95% CI	
Hospital clinic	110	24.7	3.0	18.9	30.6
Hospital emergency room	167	37.5	3.4	30.8	44.1
Private doctor's office	240	51.0	3.5	44.1	57.8
Community health clinic	54	9.7	2.0	5.8	13.5
Other	†11	3.9	1.4	1.3	6.6

Table 40. Survey question 60. Assistance from home visitor to take care of self and new baby.

Mother had assistance	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	756	92.6	1.2	90.3	94.9
Yes	112	7.4	1.2	5.1	9.7
Total	868	100.0			

Table 41. Survey questions 61 and 62. Mother and husband or partner doing something now to keep from getting pregnant. Reasons for not doing something to keep from getting pregnant for women who answered "No." (%Yes). All applicable reasons checked.

Doing something to prevent pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	158	21.5	2.0	17.7	25.4
Yes	726	78.5	2.0	74.6	82.3
Total	884	100.0			

Reasons for not doing something to prevent pregnancy

Not having sex	53	25.3	4.2	16.9	33.7
Want to get pregnant	†27	16.9	3.8	9.4	24.4
Don't want to use birth control	50	31.7	4.7	22.5	41.0
Worried about side effects	43	27.3	4.5	18.4	36.1
Husband/partner doesn't want to	†12	5.2	2.0	1.2	9.2
Problems getting birth control	†15	11.2	3.2	4.9	17.6
Had tubes tied or blocked	†18	7.1	2.4	2.4	11.8
Pregnant now	†8	8.5	3.1	2.5	14.5
Other	†21	10.0	3.0	4.0	15.9

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 42. Survey question 63. Type of birth control being used now (postpartum) by woman, husband, partner.

Postpartum birth control used	Responses (n)	Weighted Percent	Standard Error	95% CI	
Tubes tied or blocked	103	11.7	1.7	8.5	15.0
Vasectomy	†23	3.6	0.9	1.8	5.4
Birth control pill	185	26.2	2.3	21.7	30.8
Condoms	224	27.0	2.3	22.5	31.5
Injection (Depo-Provera)	116	11.4	1.6	8.2	14.7
Contraceptive implant	33	5.3	1.2	3.0	7.7
Contraceptive patch or vaginal ring	†11	0.5	0.2	0.1	1.0
IUD	83	13.6	1.8	10.0	17.2
Natural family planning, inc. rhythm	†22	4.2	1.1	2.0	6.3
Withdrawal	166	21.8	2.2	17.6	26.1
Not having sex (abstinence)	77	8.0	1.4	5.4	10.7
Other	†19	1.5	0.6	0.3	2.6

Table 43. Survey question 64. Percentage of women who have had a postpartum checkup since new baby was born.

Had postpartum checkup	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	142	15.1	1.7	11.9	18.4
Yes	749	84.9	1.7	81.6	88.1
Total	891	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 44. Survey question 65. Since new baby was born, how often mother felt down, depressed, or hopeless.

How often felt down, depressed, hopeless	Responses (n)	Weighted Percent	Standard Error	95% CI	
Always	42	4.0	0.9	2.2	5.8
Often	102	10.8	1.4	7.9	13.6
Sometimes	219	26.0	2.1	22.0	30.1
Rarely	247	30.6	2.2	26.3	34.8
Never	279	28.7	2.1	24.5	32.8
Total	889	100.0			

Table 45. Survey question 66. Since new baby born, how often mother had little interest or pleasure in doing things.

How often had little interest or pleasure	Responses (n)	Weighted Percent	Standard Error	95% CI	
Always	40	4.0	0.9	2.3	5.8
Often	90	10.2	1.4	7.4	13.0
Sometimes	226	24.2	2.0	20.3	28.1
Rarely	239	27.9	2.1	23.8	32.0
Never	295	33.7	2.2	29.4	38.1
Total	890	100.0			

Table 46. Survey question 67. What kind of insurance mother has now (at time of survey). All applicable types checked.

Type of insurance	Responses (n)	Weighted Percent	Standard Error	95% CI	
Insurance from job, job of husband, partner, or parents	268	37.5	2.3	33.0	41.9
Insurance purchased directly from insurance company	41	4.3	0.9	2.4	6.1
Medicaid	361	32.7	2.2	28.5	37.0
ARKids First	48	5.0	1.1	2.9	7.1
Tricare or other military	†17	2.9	0.8	1.3	4.5
Other	59	3.8	0.8	2.2	5.4
None	127	15.8	1.7	12.5	19.2

OTHER EXPERIENCES

Table 47. Survey questions 68 and 69. Miscarriage, fetal death, or stillbirth during 12 months before getting pregnant with new baby (Q. 68). Length of pregnancy before miscarriage, fetal death, or stillbirth (Q. 69).

Miscarriage 12 months before new pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
No	781	87.8	1.6	84.8	90.9
Yes	105	12.2	1.6	9.1	15.2
Total	886	100.0			

For mothers who had miscarriage, how long pregnancy lasted

Less than 20 weeks (4 months)	92	96.7	2.2	92.3	100.0
20-28 weeks (4-6 months)	†3	0.7	0.5	0.0	1.6
More than 28 weeks (6 months)	†3	2.7	2.1	0.0	6.9
Total	98	100.0			

Table 48. Survey question 70. Trying to get pregnant three months before got pregnant.

If trying to get pregnant	Responses (n)	Weighted Percent	Standard Error	95% CI	
Trying to get pregnant	314	39.2	2.3	34.7	43.7
Trying not to get pregnant, but not trying hard	469	49.0	2.3	44.4	53.6
Trying hard not to get pregnant	104	11.8	1.5	8.9	14.8
Total	887	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 49. Survey question 71. How mother felt when found out pregnant with new baby.

How felt about pregnancy	Responses (n)	Weighted Percent	Standard Error	95% CI	
Very unhappy	43	4.4	1.0	2.5	6.3
Unhappy	46	5.1	1.0	3.2	7.1
Not sure	248	25.2	2.0	21.2	29.1
Happy	199	20.7	1.9	16.9	24.4
Very happy	351	44.6	2.3	40.1	49.2
Total	887	100.0			

Table 50. Survey question 72. Things that happened related to breastfeeding before new baby born (%Yes). All applicable choices checked.

Things that happened	Responses (n)	Weighted Percent	Standard Error	95% CI	
Questions about breastfeeding answered	474	49.3	2.3	44.8	53.9
Was offered class on breastfeeding	303	35.2	2.2	30.7	39.6
Attended class on breastfeeding	84	8.5	1.3	5.9	11.0
Decided to feed only breastmilk to baby	393	54.4	2.3	49.9	58.9
Discussed feeding only breast milk with family	368	47.4	2.3	42.8	52.0
Discussed feeding only breast milk with health care worker	318	39.1	2.3	34.6	43.6
Planned to breastfeed first hour after giving birth	448	60.0	2.3	55.5	64.4

Table 51. Survey question 73. Things that make it hard to quit smoking (%Yes). (Responses from women who smoked three months before getting pregnant.)

Things that make it hard to quit	Responses (n)	Weighted Percent	Standard Error	95% CI	
Cost of medicines to help quit	80	31.6	4.2	23.4	39.9
Cost of classes to help quit	62	26.6	4.0	18.7	34.4
Fear of gaining weight	82	32.9	4.2	24.5	41.2
Loss of way to handle stress	178	71.0	4.1	62.9	79.1
Other people around me smoking	171	68.2	4.2	59.9	76.5
Cravings for cigarette	185	72.7	4.0	64.8	80.7
Lack of support from others to quit	86	35.3	4.3	26.8	43.8
Worsening depression	103	35.8	4.3	27.3	44.2
Worsening anxiety	130	53.1	4.5	44.3	62.0
Some other reason	†25	9.5	2.9	3.7	15.3

Table 52. Survey question 74. Emotional state during pregnancy.

Emotional state	Responses (n)	Weighted Percent	Standard Error	95% CI	
Happiest time	282	31.3	2.2	27.0	35.6
Happy time with few problems	360	39.9	2.3	35.4	44.4
Moderately hard time	134	13.7	1.6	10.6	16.7
Very hard time	78	10.9	1.5	8.0	13.8
Worst time of life	33	4.2	0.9	2.4	6.1
Total	887	100.0			

Table 53. Survey question 75. Things that happened during pregnancy (% Yes). All applicable choices checked.

Things that happened	Responses (n)	Weighted Percent	Standard Error	95% CI	
Threatened by husband or partner	48	5.0	1.0	3.0	7.0
Frightened due to threats or anger of husband or partner	35	3.6	0.9	1.9	5.3
Husband or partner tried to control activities	73	5.7	1.0	3.6	7.8
Forced to take part in sexual activity by husband or partner	†15	1.8	0.6	0.6	2.9

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 54. Survey questions 76 and 77. Dental care.

Dental Care	Responses (n)	Weighted Percent	Standard Error	95% CI	
<u>Ever had teeth cleaned by dentist or dental hygienist (Q. 76)</u>					
No	86	9.5	1.4	6.8	12.2
Yes	795	90.5	1.4	87.8	93.2
Total	881	100.0			
<u>How long since teeth cleaned (Q. 77). Responses from women who had ever had teeth cleaned.</u>					
Within past year	350	47.6	2.5	42.7	52.4
1 to 2 years	148	18.6	1.9	14.8	22.4
2 to less than 5 years	186	20.6	2.0	16.7	24.4
5 or more years	106	13.3	1.7	10.0	16.6
Total	790	100.0			

Table 55. Survey question 78. Felt treated unfairly for various reasons (% Yes).

Reason felt treated unfairly	Responses (n)	Weighted Percent	Standard Error	95% CI	
Race	43	4.1	1.0	2.2	6.0
Age	48	5.4	1.1	3.3	7.6
Language	†18	2.6	0.8	1.1	4.2
Citizenship	†17	2.0	0.7	0.7	3.4
Inability to pay	68	7.7	1.2	5.3	10.1
Don't know why	47	4.7	1.0	2.8	6.7
Other	37	4.3	1.0	2.4	6.2
Not treated unfairly	492	64.6	2.4	59.8	69.3

†Results with less than 30 responses may not be reliable and should be used with caution.

Table 56. Survey questions 79 and 80. Yearly total household income 12 months before new baby born (Q. 79). Number of people depending on income (Q. 80)

Household income	Responses (n)	Weighted Percent	Standard Error	95% CI	
\$ 0 TO \$15,000	372	37.1	2.3	32.6	41.7
\$15,001 TO \$19,000	76	8.2	1.3	5.6	10.7
\$19,001 TO \$22,000	45	5.3	1.1	3.2	7.4
\$22,001 TO \$26,000	43	6.1	1.2	3.8	8.3
\$26,001 TO \$29,000	†22	3.9	1.0	2.0	5.8
\$29,001 TO \$37,000	54	7.6	1.3	5.0	10.1
\$37,001 TO \$44,000	36	4.6	1.0	2.6	6.6
\$44,001 TO \$52,000	†25	4.0	0.9	2.1	5.8
\$52,001 TO \$56,000	†22	2.9	0.8	1.3	4.5
\$56,001 TO \$67,000	†21	3.0	0.8	1.4	4.6
\$67,001 TO \$79,000	†21	3.4	0.9	1.6	5.3
\$79,001 OR MORE	88	14.0	1.7	10.6	17.3
Total	825	100.0			

Number of people depending on income, including mother.

1	91	8.1	1.3	5.6	10.7
2	289	33.2	2.2	28.8	37.6
3	240	28.6	2.1	24.4	32.8
4	143	19.0	1.8	15.4	22.7
5	59	6.5	1.1	4.2	8.7
6	†29	2.3	0.7	1.0	3.7
7	†6	0.3	0.2	0.0	0.7
8	†8	1.3	0.6	0.2	2.4
9	†6	0.4	0.3	0.0	0.9
10	†1	0.2	0.2	0.0	0.7
Total	872	100.0			

†Results with less than 30 responses may not be reliable and should be used with caution.

Arkansas Pregnancy Risk Assessment Monitoring System (PRAMS) Survey

2015 Surveillance Report

A Survey to Improve the Health of Babies and Mothers in Arkansas



**Arkansas Department of Health
Survey Unit, Health Statistics Branch
Center for Public Health Practice**

August 2017

