Maryland PRAMS Report 2013 Births

Pregnancy Risk Assessment Monitoring System



Maryland Department of Health and Mental Hygiene

Maternal and Child Health Bureau Vital Statistics Administration



Larry Hogan, Governor -Boyd Rutherford, Lt. Governor -Van Mitchell, Secretary

"I hope this really helps 'cause some moms don't get that experience to have a healthy baby."

"Good luck to all mother and fathers. Thanks for this survey that I can share my pregnancy with everyone."

PRAMS mothers

Maryland PRAMS Report

2013 Births

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September 2015

The Maryland PRAMS Report is also available at www.marylandprams.org

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INTRODUCTION

This report highlights data from births occurring to Maryland residents in 2013 collected through the Pregnancy Risk Assessment Monitoring System (PRAMS). PRAMS is a surveillance system established by the Centers for Disease Control and Prevention (CDC) in 1987 to obtain information about maternal behaviors and experiences that may be associated with adverse pregnancy outcomes. Data are collected by surveying women who have recently delivered live born infants.

PRAMS projects are conducted through cooperative agreements between the CDC and state health departments. PRAMS projects are currently underway in 40 states and New York City, representing 78% of all U.S. live births. All surveys include a core set of standardized questions, which allows for multi-state analyses. In addition, each state can add questions tailored to meet its needs. The core section of the survey includes questions relating to prenatal care, obstetric history, smoking, alcohol use, physical abuse, contraception, economic status, maternal stress, and infant health. The Maryland-specific section of the survey includes questions on employment, assisted reproduction, pre-pregnancy health, co-sleeping, contraceptive use, depression, oral health, chronic disease, physical activity, infections, and labor induction.

The PRAMS project in Maryland is a collaborative effort of the Maternal and Child Health Bureau (MCHB), the Vital Statistics Administration (VSA) of the Maryland Department of Health and Mental Hygiene, and the CDC. Maryland began collecting PRAMS data from mothers who delivered in 2000.

METHODOLOGY

Sampling and Data Collection

Women eligible to participate in PRAMS are selected from Maryland's live birth certificate files and need to be Maryland residents who have delivered in the state. Each month, a stratified, random sample of approximately 200 live births is selected. The sample is stratified by infant birth weight (<2500 grams, \geq 2500 grams). This sampling frame over-samples mothers who have delivered a low birth weight infant (<2500 grams).

PRAMS combines two modes of data collection; a survey conducted by mailed questionnaire with multiple follow-up attempts, and if mail is not successful, a survey conducted by telephone interview. Survey questionnaires and other materials are available in both English and Spanish.

The first mailing, which is done two to four months after delivery, is a letter that introduces PRAMS to the mother and informs her that a questionnaire will soon arrive. Within seven days of this letter, the questionnaire packet is mailed. This packet includes the 84-item main survey along with an informed consent page, calendar, and resource brochure. In addition, a manicure file is sent as an incentive for completing the survey. Seven to 10 days after the initial packet is mailed, a tickler that serves as a thank you and reminder note is sent. Mothers who do not respond to the tickler within seven to 14 days are mailed a second questionnaire packet. A third questionnaire packet is mailed to all remaining nonrespondents seven to 14 days later. Telephone follow-up is initiated for all nonrespondents.

Data collected through PRAMS are linked to birth certificate data, which allows for the survey data to be weighted to reflect the total birth population. Sampling, nonresponse, and noncoverage adjustment factors are applied to the data in order to make the results generalizable to the state's population of women delivering live born infants during the study period. Further information on PRAMS methodology, including weighting procedures, may be found on the CDC website at *http://www.cdc.gov/prams/methodology.htm*.

Survey Response and Data Analysis

The CDC recommends that states obtain a response rate of at least 65% for analysis of PRAMS 2013 births data. The weighted response rate among women delivering in Maryland between January 1, 2013 and December 31, 2013 was 65%. During this 12-month period, 1,305 mothers completed the PRAMS questionnaire with a weighted response reflecting 65,068 mothers. The weighted figure included 29,202 births to white non-Hispanic, 20,162 births to black non-Hispanic, 4,565 births to Asian, 9,138 births to Hispanic women, 114 births to American Indian, and 1,790 Other/Mixed. Survey findings in this report are shown by race/Hispanic origin (White Non-Hispanic, Black Non-Hispanic, Asian and Hispanic), maternal age and maternal years of education.

ACKNOWLEDGMENTS

The Maryland PRAMS Project would like to acknowledge the CDC PRAMS Team for their technical assistance and support, especially Denise D'Angelo, MPH, our project manager who has expertly guided and assisted our program. Additionally, our thanks go to the Maryland PRAMS Steering Committee for their invaluable input to many aspects of our project.

Most importantly, we very much appreciate all the 1,305 mothers who took the time to complete the questionnaires that are represented in this report. Their answers will contribute greatly towards our continuing efforts to improve the health of Maryland mothers and babies.

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Maryland PRAMS Highlights--2013

Preconception factors

- Forty-one percent of all live births were **unintended** (includes women who said they were 'not sure' how they felt about the pregnancy).
- Eighteen percent of women reported they were covered by **Medicaid or Health Choice** just before pregnancy and 20% were uninsured.
- According to their body mass index (BMI) just before pregnancy, 26% of mothers were overweight and 24% were obese.
- Thirty-four percent of women reported taking a **multivitamin daily** in the month before conception.
- Before pregnancy, 12% of women reported they had **anxiety** and 9% had **depression**.
- During the 3 months just before pregnancy, 16% of women smoked, 50% consumed alcohol, and 15% had at least one episode of binge drinking.
- In the 12 months before pregnancy, 42% of women had not had a **dental cleaning**.
- Twenty-five percent of mothers reported they had a **preconception health visit**.

Prenatal factors

- Eighty-three percent of mothers began **prenatal care** during the first trimester of pregnancy, and 1% began in the third trimester or received no care.
- Forty-five percent of women participated in the **WIC** program during pregnancy.
- Twenty-one percent of mothers needed to see or went to a **dentist** about a problem during pregnancy and 15% saw a dentist about a problem.

- Seventy-four percent of mothers reported that HIV testing was discussed during prenatal care visits; 64% reported getting an HIV test.
- **Physical abuse** by a current husband or partner was reported by 2% of mothers.
- Eight percent of women smoked during the last three months of pregnancy. Eight percent of women reported using alcohol and <1% of women reported a binge-drinking episode during the last three months of pregnancy.
- Fifty-four percent of women were vaccinated for **seasonal flu** during the 12 months before pregnancy.
- **Labor induction** was reported by 40% of mothers.
- Thirty-four percent of women used Medicaid or Health Choice for their prenatal care and 6% were uninsured.
- Ten percent of women had gestational diabetes.

Infant health and related factors

- Eighty-eight percent of infants were **breastfed** after delivery, and 67% were breastfed eight weeks or longer.
- In terms of **sleeping environment**, 77% of infants were usually placed on their backs to sleep and 28% slept with another person.

Maternal postpartum factors

- Twenty-five percent of mothers reported they were not using **postpartum contraception**.
- Eleven percent of mothers **smoked postpartum**.
- Eleven percent of mothers reported symptoms of **postpartum depression**.

MARYLAND PRAMS 2009-2013 SURVEILLANCE AND SELECTED HEALTHY PEOPLE 2020 OBJECTIVES

Healthy People 2020 Objective	Maryland PRAMS 2009 Births	Maryland PRAMS 2010 Births	Maryland PRAMS 2011 Births	Maryland PRAMS 2012 Births*	Maryland PRAMS 2013 Births	Healthy People 2020 Target
Preconception						
Increase the proportion of pregnancies that are intended.**	55%	56%	54%	58%	59%	56.0%
Increase the proportion of women who took multivitamins/folic acid daily prior to pregnancy.	32%	33%	30%	37%	34%	33.1%
Increase the proportion of women who did not smoke during the three months prior to pregnancy.	83%	81%	80%	82%	84%	85.4%
Increase the proportion of women who did not drink alcohol during the three months prior to pregnancy.	45%	46%	43 %	48%	50%	56.4%
Increase the proportion of women who had a healthy weight (BMI 18.5-24.9) prior to pregnancy.	53%	51%	52%	49%	48%	53.4%
Prenatal						
Increase the proportion of pregnant women who receive prenatal care beginning in the first trimester of pregnancy.***	79%	78%	82%	80%	83%	77.9%
Increase abstinence from cigarette smoking among pregnant women.	91%	91%	93%	93%	92%	98.6%
Increase abstinence from alcohol among pregnant women.	90%	91%	91%	91%	92%	98.3%
Increase abstinence from binge drinking**** among pregnant women.	98%	99%	99%	<100%	99.5%	100.0%
Postpartum						
Increase the proportion of infants who are put to sleep on their backs.	74%	72%	77%	77%	77%	75.9%
Increase the proportion of infants who were breastfed (ever).	84%	81%	85%	86%	88%	81.9%

*Includes data from May 1, 2012 – December 31, 2012 (8 months)

**PRAMS data includes only information on pregnancies that end in live birth; In 2012, option "I wasn't sure what I wanted" was not considered intended;

***First trimester defined by PRAMS as <13weeks

*** *Binge drinking = 4 or more drinks in a two hour sitting, starting 2009 births. Prior to 2009, binge drinking = 5 or more drinks in one episode.

Preconception Factors



"I wanted to get birth control during the time I was with my partner but I couldn't because my insurance had expired. Then I got pregnant and later I got my insurance back. I wasn't planning to have a baby but it happened."

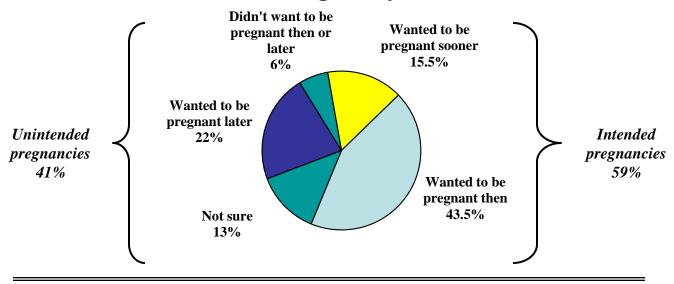
"I was on birth control for 3 years, stopped and thought it would take longer before I got pregnant."

PRAMS mother

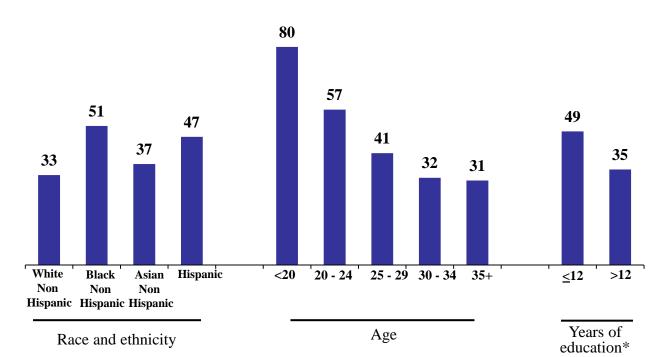
INTENDEDNESS OF PREGNANCY

Question 13: Thinking back to *just before* you got pregnant with your *new* baby, how did you feel about becoming pregnant?

Distribution of Mothers by Intendedness of Pregnancy



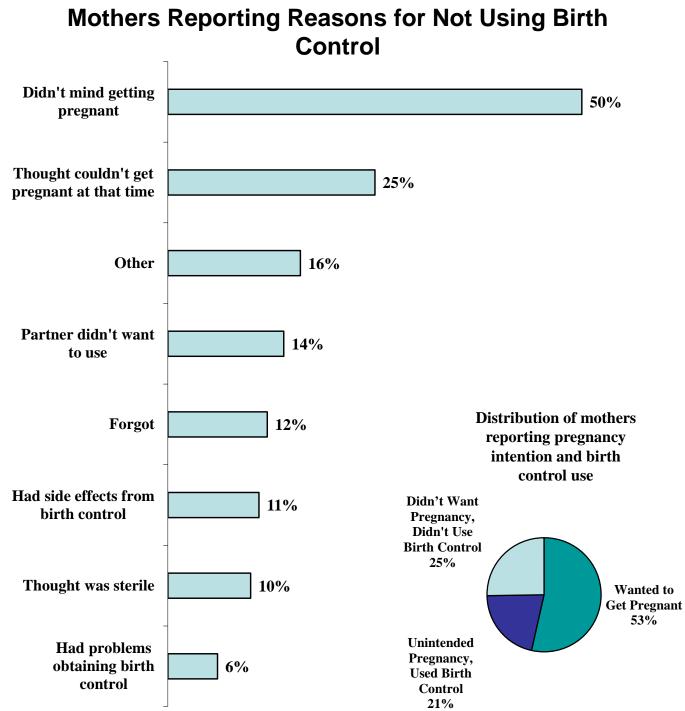
Percentage of Mothers With Unintended Pregnancies



PREGNANCY INTENTION AND BIRTH CONTROL USE

Question 15: When you got pregnant with your new baby, were you trying to get pregnant? Question 16: When you got pregnant with your new baby, were you or your husband or partner doing anything to keep from getting pregnant?

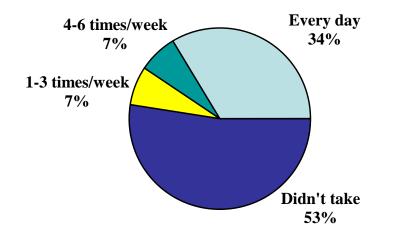
Question 17: What were your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant?



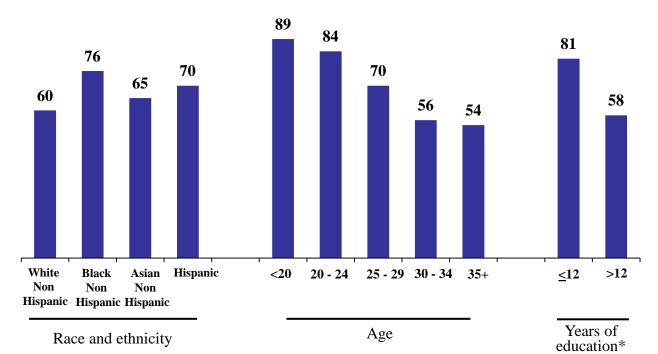
MULTIVITAMIN USE

Question 9: During the *month before* you got pregnant with your new baby, how many times a week did you take a multivitamin, a prenatal vitamin, or a folic acid vitamin?

Distribution of Mothers by Frequency of Multivitamin Use in the Month Before Pregnancy



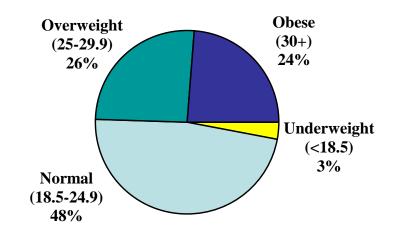
Percentage of Mothers Who Reported Less Than Daily Multivitamin Use in the Month Before Pregnancy



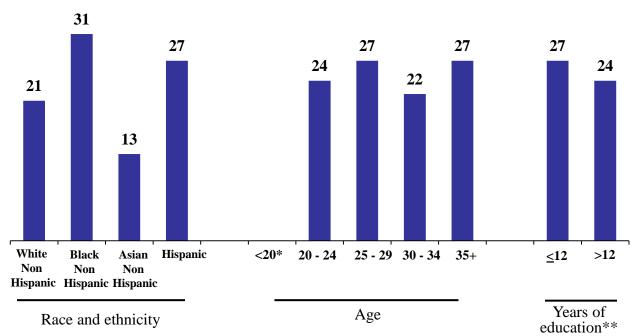
PRE-PREGNANCY BMI

Question 2: *Just before* you got pregnant with your new baby, how much did you weigh? Question 1: How tall are you without shoes?

Distribution of Mothers by BMI Status Before Pregnancy



Percentage of Mothers Who Were Classified as Obese Before Pregnancy



* Mothers <20 years of age had BMI >30 (and were not classified as obese via childhood growth charts) **Includes only mothers ages 20 and above.

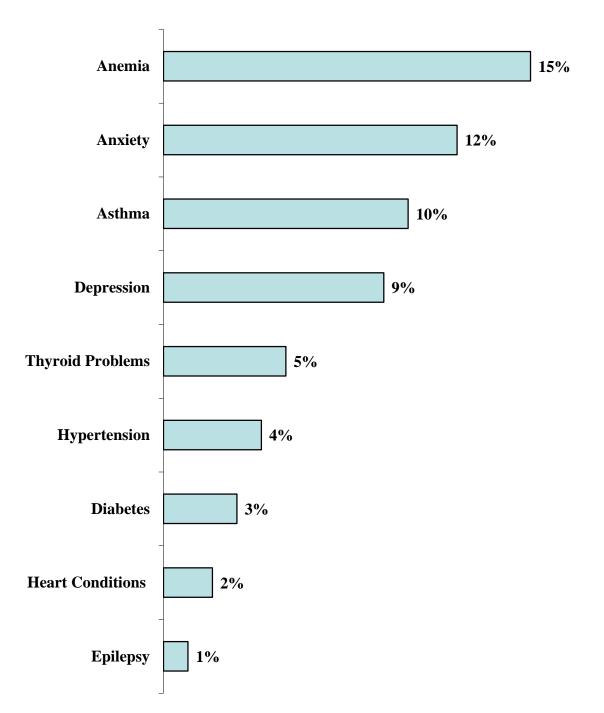
Note: Percentages are not reported if the number of respondents was less than five.

PRE-PREGNANCY HEALTH PROBLEMS

Question 11: *Before* you got pregnant with your new baby, did a doctor, nurse, or other health care worker tell you that you had any of the following health conditions?

Question 12: During the *3 months before* you got pregnant with your new baby, did you have any of the following health conditions?

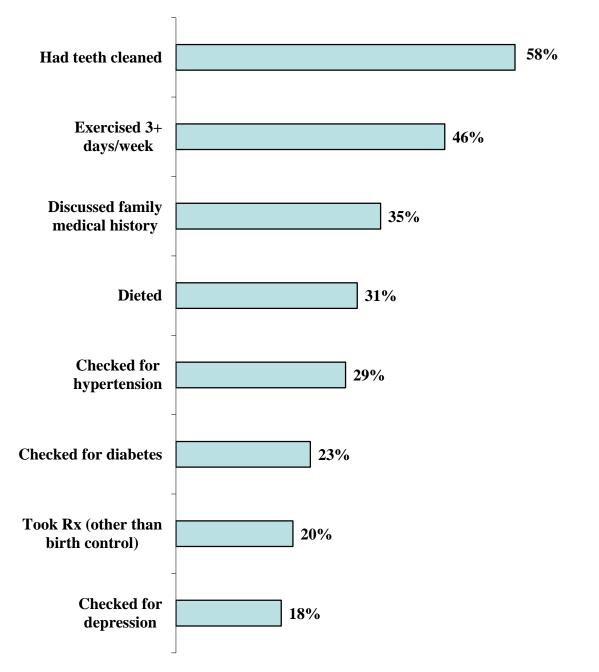
Mothers Reporting Health Problems Before Pregnancy



PRE-PREGNANCY ACTIVITIES

Question 7: At any time during the *12 months before* you got pregnant with your new baby, did you do any of the following things?

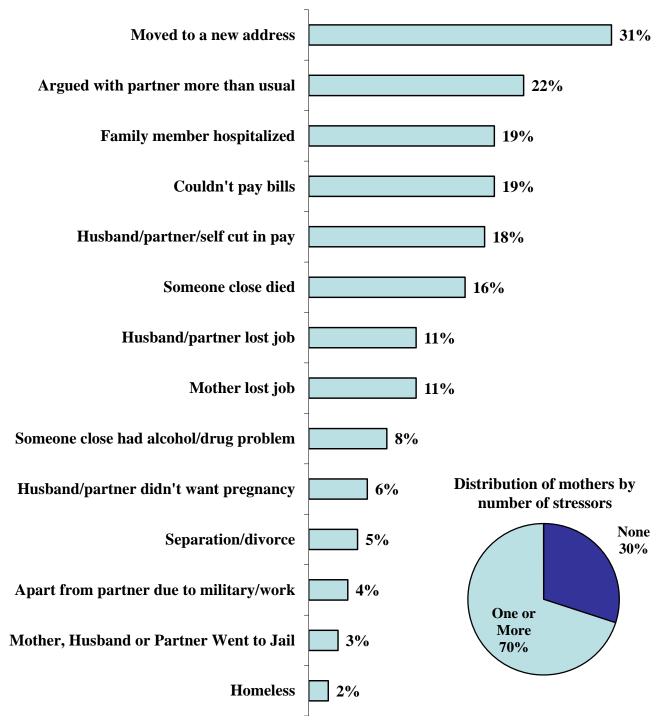
Mothers Reporting Activities During the Twelve Months Prior to Pregnancy



STRESS

Question 44: This question is about things that may have happened during the *12 months before* your new baby was born. For each item, circle YES if it happened to you or NO if it did not.

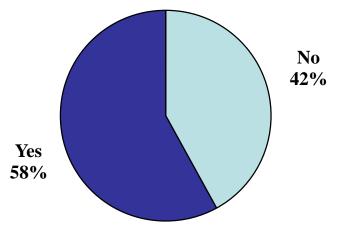
Mothers Reporting Stress by Type of Event



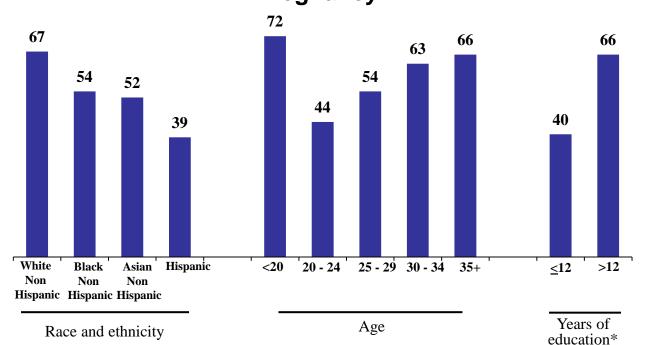
ORAL HEALTH

Question 7: At any time during the *12 months before* you got pregnant with your new baby, did you have your teeth cleaned by a dentist or dental hygienist?

Mothers Reporting on Teeth Cleaning 12 Months Before Pregnancy



Percentage of Mothers Who Reported Having Had their Teeth Cleaned 12 Months Before Pregnancy



*Includes only mothers ages 20 and above.

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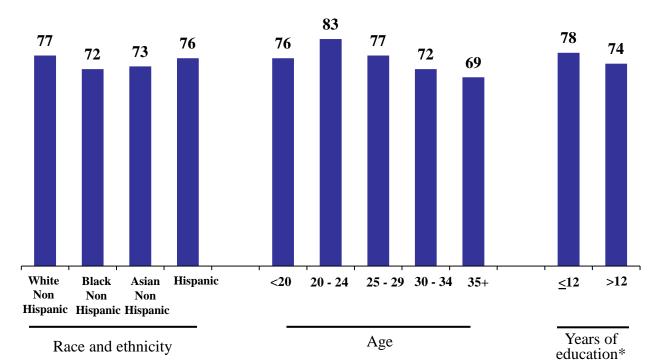
PRECONCEPTION HEALTH VISIT

Question 10: *Before* you got pregnant with your new baby, did a doctor, nurse, or other health care worker talk to you about how to improve your health before pregnancy?

Distribution of Mothers by Preconception Health Visit

Percentage of Mothers Who Reported No Preconception Health Visit

25%



Prenatal Factors



"I came home for prenatal care and was no longer covered under my mom's insurance because I was not a full-time student anymore. She bought me prenatal vitamins before I could get my (insurance)."

"During my recent pregnancy I felt very depressed and had a lot of suicidal thoughts. I never talked to my doctor about it. I figured there was nothing they could do until the baby was born."

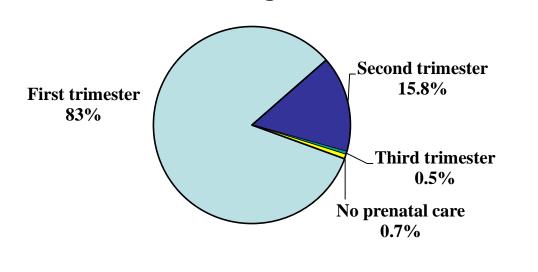
"As a first time mother I feel as if I was pressured into an induction at 41 weeks pregnant. Knowing what I know now I would have waited one more week. My daughter showed zero health risks and being a healthy 23 year old, neither did I. I just wish I had a say instead of feeling like I had no other options."

PRAMS mothers

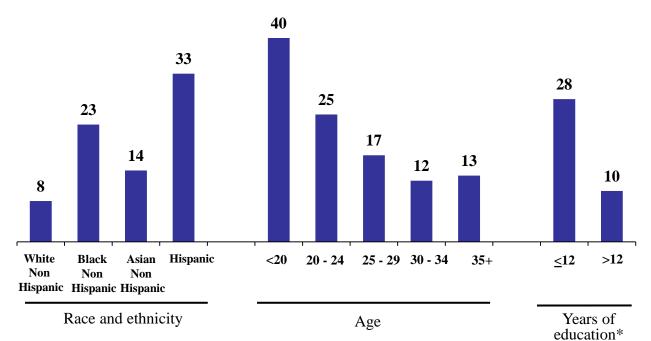
TRIMESTER PRENATAL CARE BEGAN

Question 21: How many weeks or months pregnant were you when you had your first visit for prenatal care?

Distribution of Mothers by Trimester Prenatal Care Began



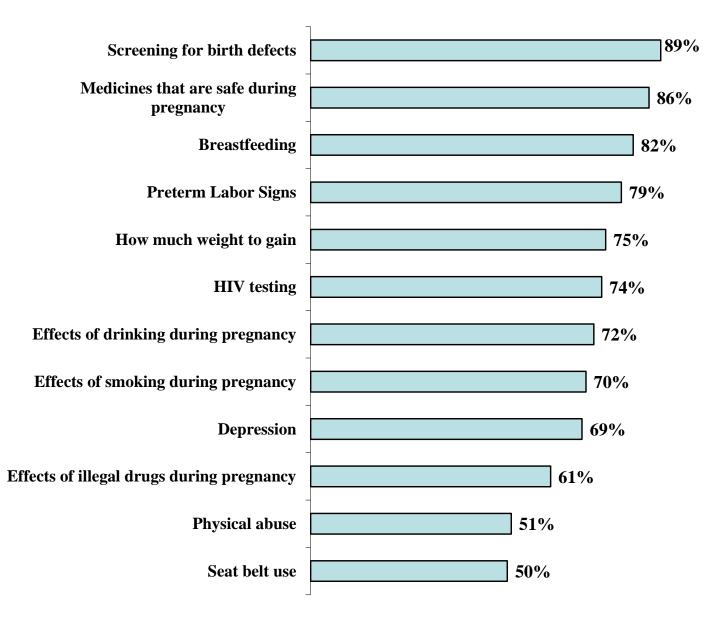
Percentage of Mothers Who Did Not Begin Prenatal Care During the First Trimester of Pregnancy



TOPICS DISCUSSED DURING PRENATAL CARE VISITS

Question 23: *During any of your prenatal care visits*, did a doctor, nurse, or other healthcare worker talk with you about any of the things listed below? Please count only discussions, not reading materials or videos.

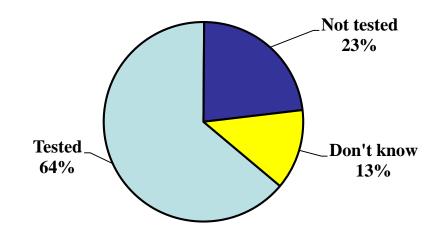
Mothers Reporting That Selected Topics Were Discussed During Prenatal Care Visits



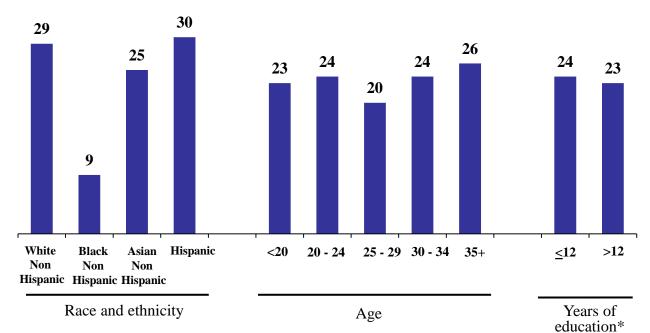
HIV TESTING

Question 25: At any time during *your most recent* pregnancy or delivery, did you have a test for HIV (the virus that causes AIDS)?

Distribution of Mothers by HIV Testing Status



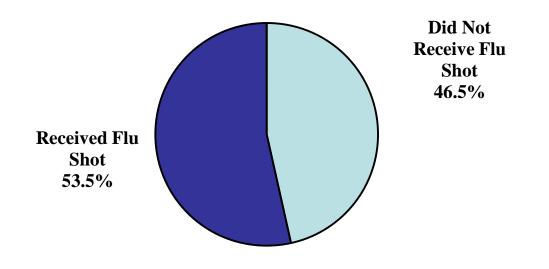
Percentage of Mothers Who Reported They Did Not Have an HIV Test During Pregnancy or Delivery



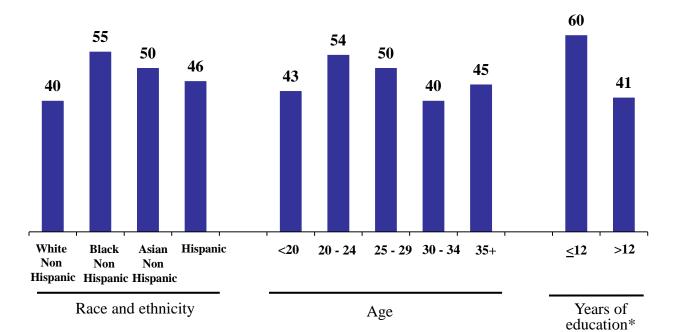
INFLUENZA IMMUNIZATIONS

Question 27: During the 12 months before the delivery of your new baby, did you get a flu shot?

Distribution of Mothers by Flu Immunization Status Year Before Delivery



Percentage of Mothers Who Reported They Did Not Get a Flu Shot Year Before Delivery

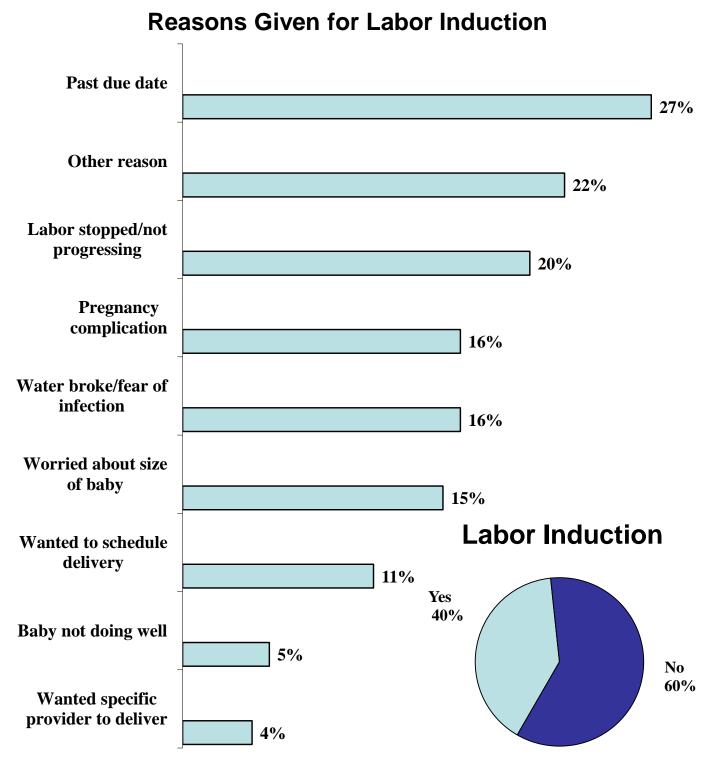


*Includes only mothers ages 20 and above.

REASONS FOR LABOR INDUCTION

Question 48: Did your doctor, nurse, or other health care worker try to induce your labor (start your contractions using medicine)?

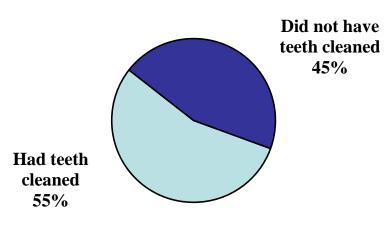
Questions 49: Why did your doctor, nurse, or other health care worker try to induce your labor (start your contractions using medicine)?



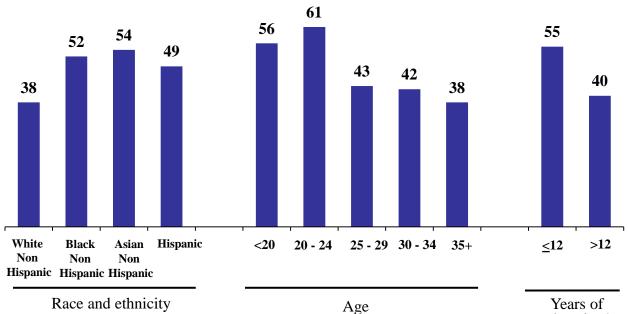
TEETH CLEANING

Question 29: This question is about the care of your teeth during your most recent pregnancy. Question 29c: I had my teeth cleaned by a dentist or dental hygienist. For each item, check No if it is not true or does not apply to you or Yes if it is true.

Distribution of Mothers by Teeth Cleaning During Pregnancy



Percentage of Mothers Who Did Not Have Their **Teeth Cleaned During Pregnancy**



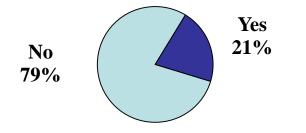
education*

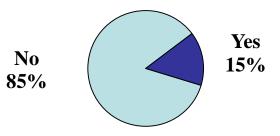
ORAL HEALTH PROBLEMS

Question 29e: I needed to see a dentist for a problem (during pregnancy). Question 29f: I went to a dentist or dental clinic about a problem (during pregnancy). Question 30: Did any of the following things make it hard for you to go to a dentist or dental clinic about the problem you had during your most recent pregnancy?

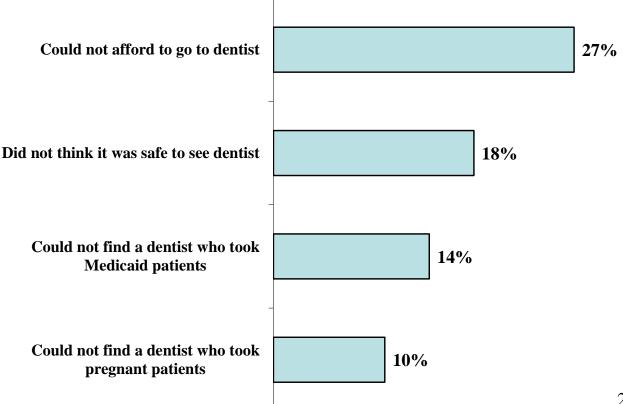
Distribution of Mothers Who Needed to See a Dentist about a Problem During Pregnancy

Distribution of Mothers Who Went to See a Dentist about a Problem During Pregnancy





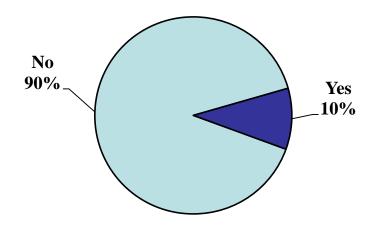
Factors Making it Difficult to See a Dentist About a Problem During Pregnancy



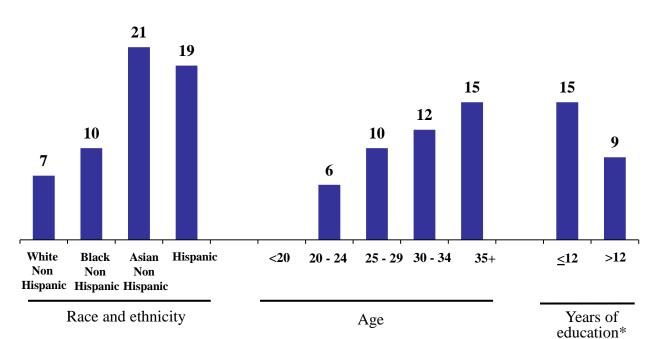
GESTATIONAL DIABETES

Question 34: During *your most recent* pregnancy, were you told by a doctor, nurse, or other health care worker that you had gestational diabetes (diabetes that started during this pregnancy)?

Distribution of Mothers by Gestational Diabetes Status



Percentage of Mothers Who Had Gestational Diabetes



Health Care Coverage, WIC, Home Visiting, and Employment



"I was surprised by the care I got the doctors and nurses were very helpful. I was worried about not having insurance but they were still very nice and helpful. For my 1st one I had insurance but this one didn't so I was nervous but it was ok."

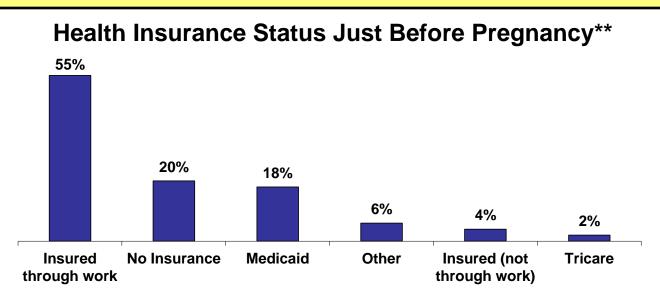
"I was able to take off from work but was worried since I had not accumulated as much leave as I needed."

"I got insurance just before I gave birth."

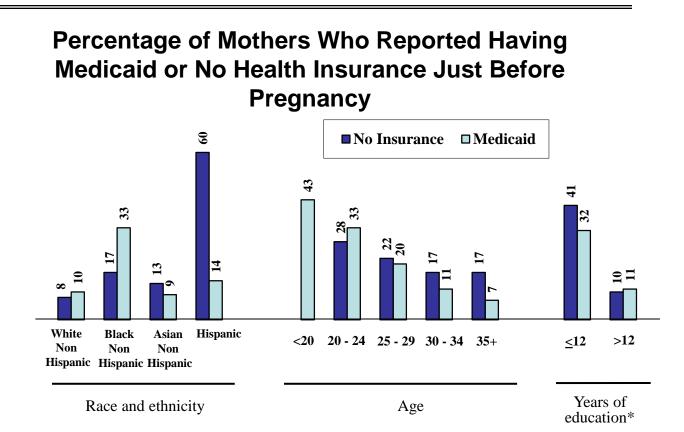
PRAMS mothers

HEALTH INSURANCE BEFORE PREGNANCY

Question 8: During the *month before* you got pregnant with your new baby, what kind of *health insurance* did you have?

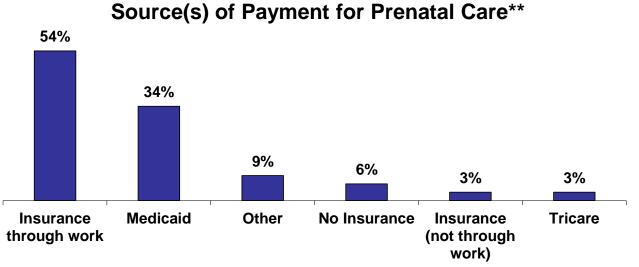


** Respondents were instructed to identify all sources of payment, therefore percentages do not sum to 100.



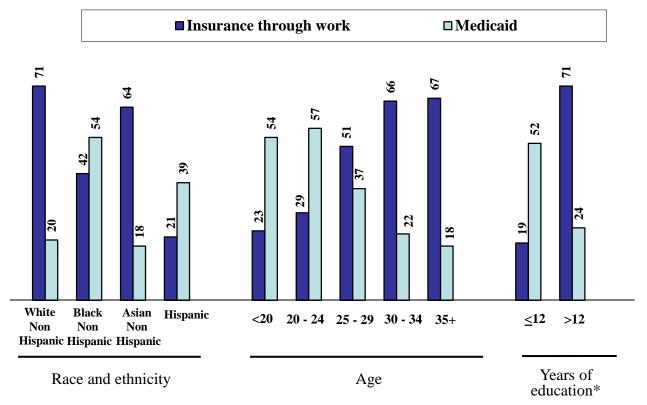
SOURCE OF PAYMENT FOR PRENATAL CARE

Question 22: During *your most recent* pregnancy, what kind of *health insurance* did you have to pay for your *prenatal care*?



** Respondents were instructed to identify all sources of payment, therefore percentages do not sum to 100.

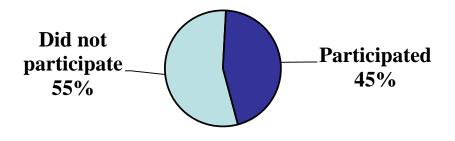
Percentage of Mothers Who Identified Insurance or Medicaid as a Source of Payment for Prenatal Care



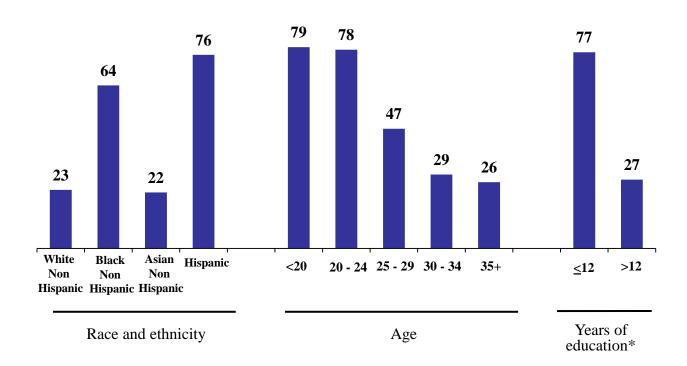
WIC PARTICIPATION

Question 33: During *your most recent* pregnancy, were you on WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)?

Distribution of Mothers by Participation in the WIC Program During Pregnancy

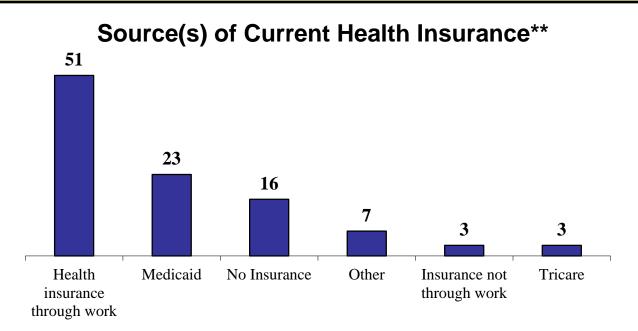


Percentage of Mothers Who Participated in the WIC Program During Pregnancy



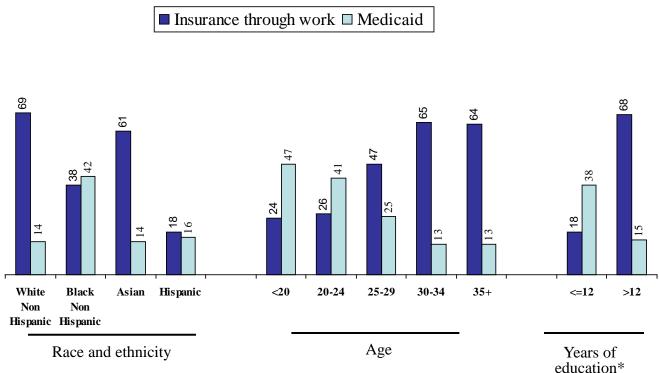
CURRENT HEALTH INSURANCE

Question 68: What kind of *health insurance* do you have now? Check all that apply.



**Respondents were instructed to identify all sources of insurance, therefore percentages do not sum to 100.

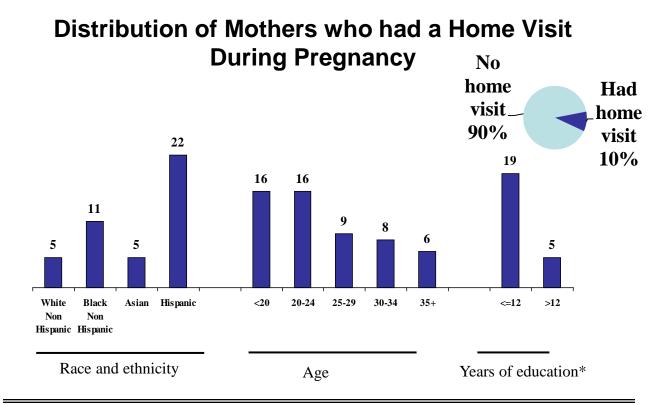
Percentage of Mothers Who Identified Currently Having Insurance or Medicaid



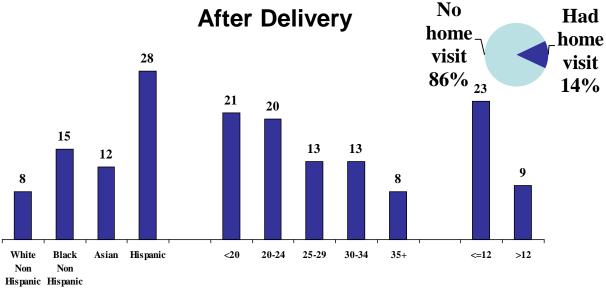
HOME VISITING

Question 32: During *your most recent* pregnancy, did a home visitor come to your home to help you prepare for your new baby?

Question 61: *Since your new baby was born*, has a home visitor come to your home to help you learn how to take care of yourself or your new baby?



Distribution of Mothers who had a Home Visit



Race and ethnicity

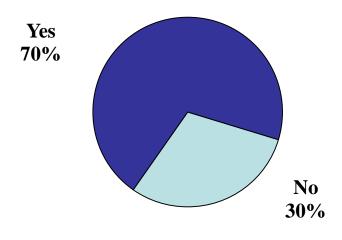
Age

Years of education*

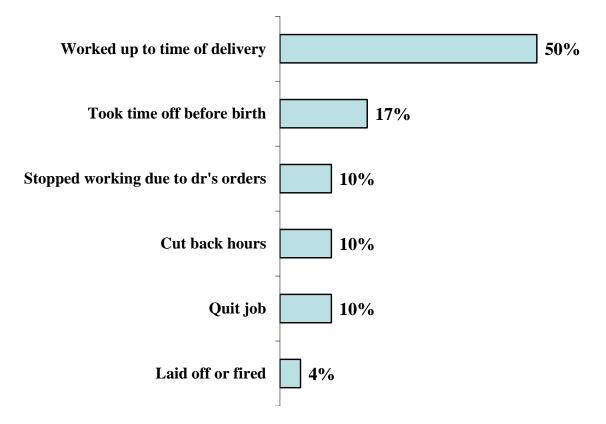
MATERNAL EMPLOYMENT

Question 76: At any time during *your most recent* pregnancy, did you work at a job for pay? Question 77: Which of the following best describes your work schedule during the *last month* of your most recent pregnancy?

Distribution of Mothers Who Worked At a Job For Pay During Pregnancy



Work Schedule During Last Month of Pregnancy



WORKPLACE LEAVE

Question 79: Which of the following describes the leave or time you took off from work *after* your

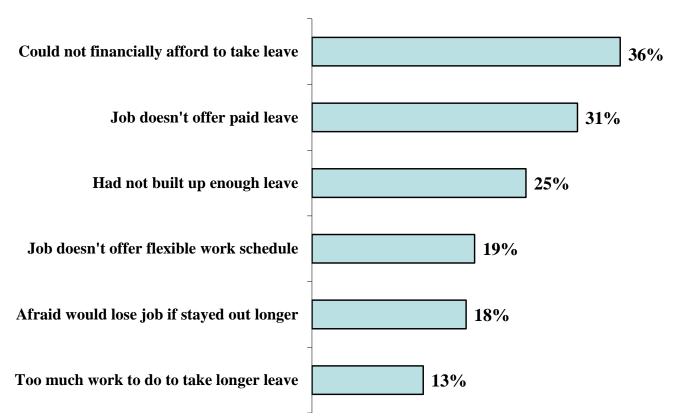
new baby was born?

Question 80: Did any of the things listed below affect your decision about taking leave from work *after* your new baby was born?

Distribution of Leave That Mothers Took After Delivery* 64 58 Unpaid leave Paid leave No leave

*Respondents were instructed to check all that apply, therefore percentages do not sum to 100.

Factors Affecting Decision to Take Leave



Selected Risk Factors



"I stopped drinking when I found out I was pregnant."

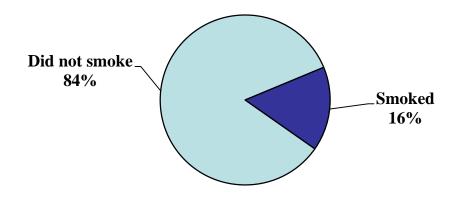
"With (this) pregnancy, my baby was born at 35 weeks and 4 days. I smoked, used oxycodone, Zoloft, and Ambien. He was 4 lbs. 2 oz. and born healthy, but he did fail the newborn hearing test."

PRAMS mothers

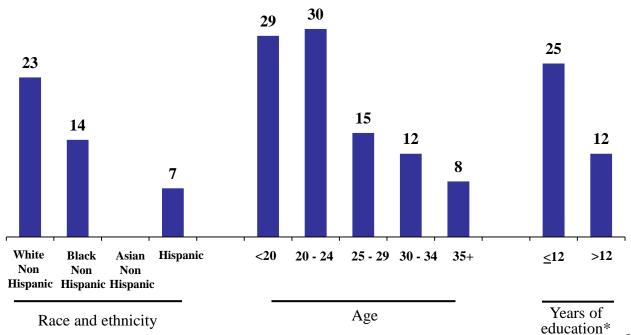
SMOKING BEFORE PREGNANCY

Question 36: In the *three months <u>before</u>* you got pregnant, how many cigarettes did you smoke on an average day?

Distribution of Mothers by Smoking Status During the Three Month Period Before Pregnancy Began



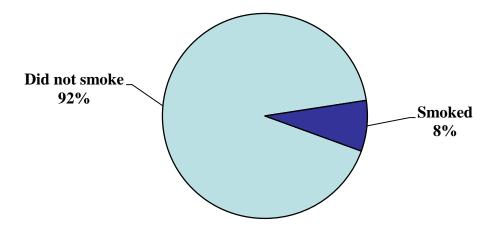
Percentage of Mothers Who Reported They Smoked During the Three Month Period Before Pregnancy Began



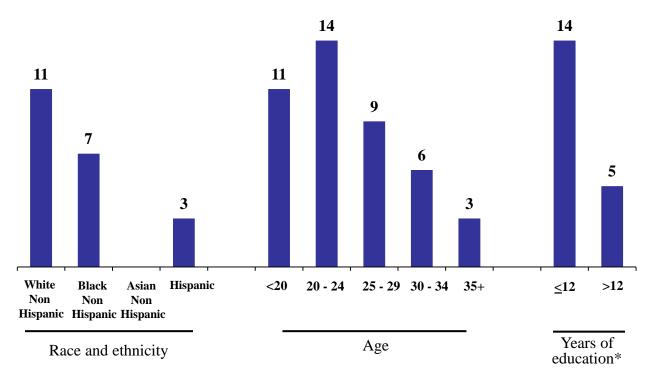
SMOKING DURING PREGNANCY

Question 37: In the *last 3 months* of your pregnancy, how many cigarettes did you smoke on an average day?

Distribution of Mothers by Smoking Status During the Last Three Months of Pregnancy



Percentage of Mothers Who Reported They Smoked During the Last Three Months of Pregnancy



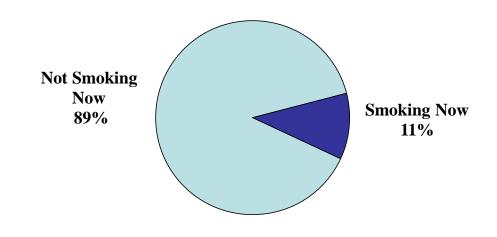
0 *Includes only mothers ages 20 and above.

Note: Percentages are not reported if the number of respondents was less than five.

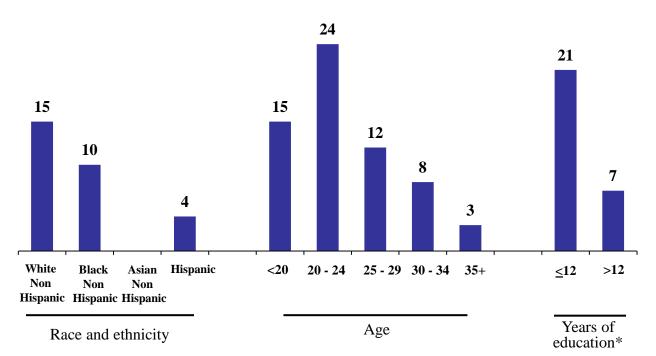
SMOKING AFTER PREGNANCY

Question 38: How many cigarettes do you smoke on an average day now?

Distribution of Mothers by Smoking Status in the Postpartum Period



Percentage of Mothers Who Reported They Smoked in the Postpartum Period



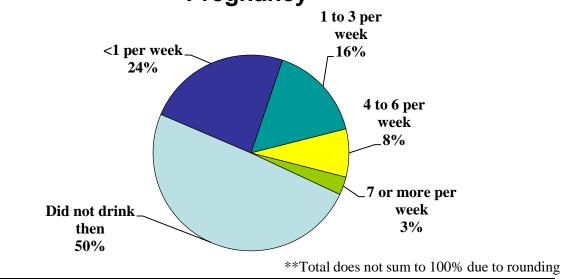
*Includes only mothers ages 20 and above.

Note: Percentages are not reported if the number of respondents was less than five.

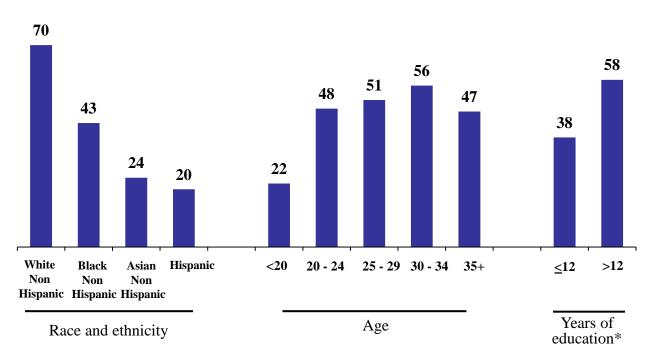
ALCOHOL USE BEFORE PREGNANCY

Question 40: During the *3 months <u>before</u>* you got pregnant, how many alcoholic drinks did you have in an average week?

Distribution of Mothers by the Number of Alcoholic Drinks During the Three Month Period Preceding Pregnancy



Percentage of Mothers Who Reported Any Alcohol Use in the Three Months Preceding Pregnancy

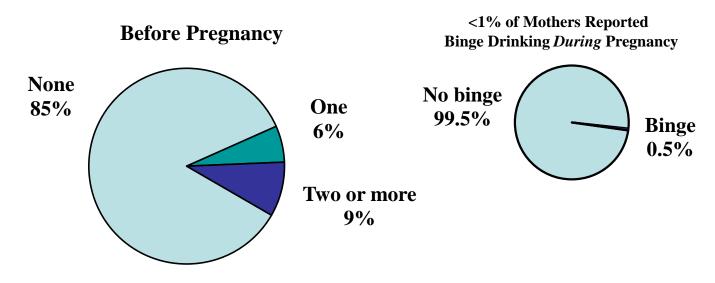


ALCOHOL BINGES BEFORE AND DURING PREGNANCY

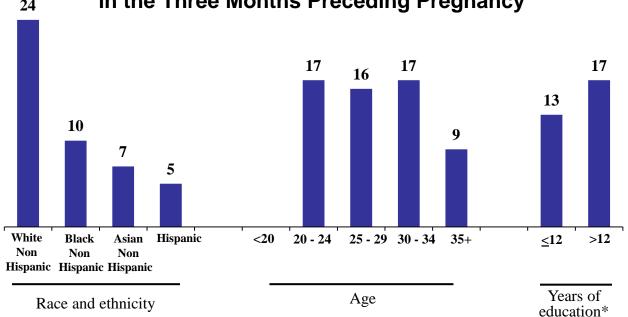
Question 41: During the *3 months <u>before</u>* you got pregnant, how many times did you drink 4 alcoholic drinks or more in a two hour time span?

Question 43: During the <u>last 3</u> months of your pregnancy, how many times did you drink 4 alcoholic drinks or more in a 2 hour time span?

Distribution of Mothers by the Number of Alcohol Binges (4+ Drinks in One Sitting) Before and During Pregnancy



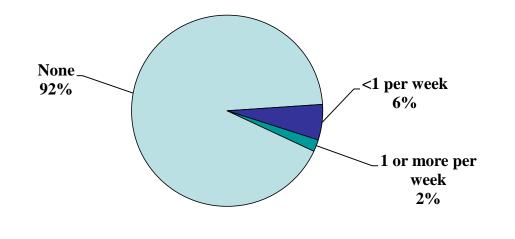
Percentage of Mothers Who Reported Any Binge Drinking in the Three Months Preceding Pregnancy



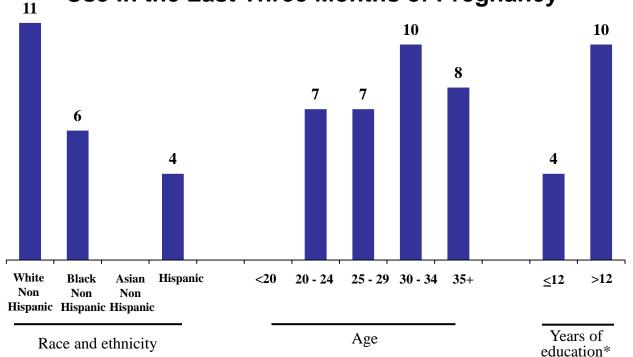
ALCOHOL USE DURING PREGNANCY

Question 42: During the *last 3 months* of your pregnancy, how many alcoholic drinks did you have in an average week?

Distribution of Mothers by the Number of Alcoholic Drinks During the Last Three Months of Pregnancy



Percentage of Mothers Who Reported Any Alcohol Use in the Last Three Months of Pregnancy



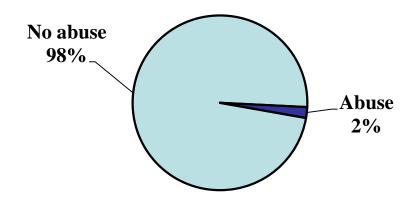
*Includes only mothers ages 20 and above.

Note: Percentages are not reported if the number of respondents was less than five.

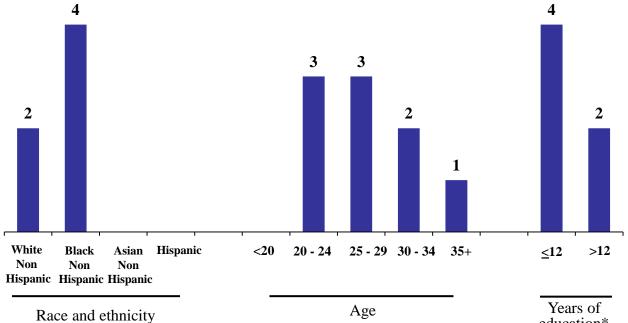
PHYSICAL ABUSE BEFORE PREGNANCY

Question 45: During the 12 months before you got pregnant with your new baby, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?

Distribution of Mothers by Abuse Before Pregnancy by Husband or Partner



Percentage of Mothers Who Reported Being Physically Abused Before Pregnancy by a Husband or Partner



*Includes only mothers ages 20 and above.

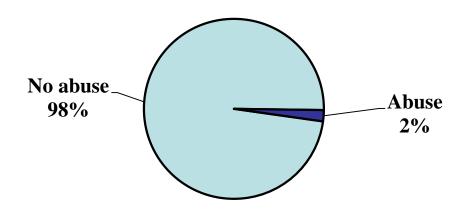
Note: Percentages are not reported if the number of respondents was less than five.

education*

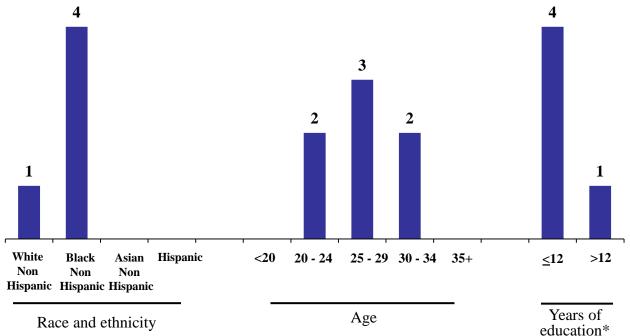
PHYSICAL ABUSE DURING PREGNANCY

Question 46: During *your most recent* pregnancy, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?

Distribution of Mothers by Abuse During Pregnancy by Husband or Partner



Percentage of Mothers Who Reported Being Physically Abused During Pregnancy by a Husband or Partner



*Includes only mothers ages 20 and above.

46

Note: Percentages are not reported if the number of respondents was less than five.

Postpartum Factors



"I didn't know I was going through postpartum depression after my pregnancy and it was hard because I wanted to love my baby, but I felt so sad."

"My job was very supportive but I know that other jobs are not. Especially when it comes to breastfeeding. I think we need to support mothers who would like to breastfeed but still have to go to work."

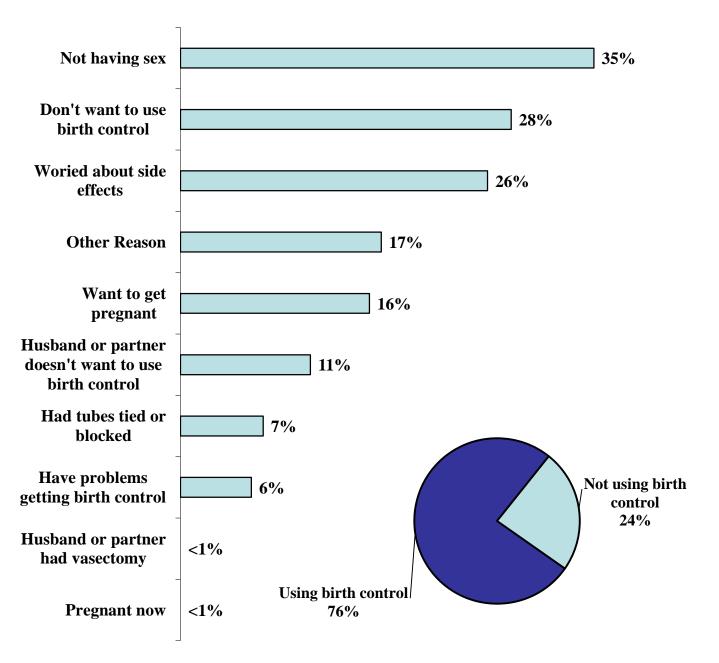
"I had some problem with breastfeeding during the 2nd week-1 month of the birth, where my baby refused to latch. I am pleasantly surprised with the availability of free support, even only in the form of phone conversation. The nurse at (this) hospital was very patient and took time in letting me know all the different strategies I could use. It really helps in making me continue with breastfeeding effort."

PRAMS mothers

REASONS FOR NO POSTPARTUM BIRTH CONTROL

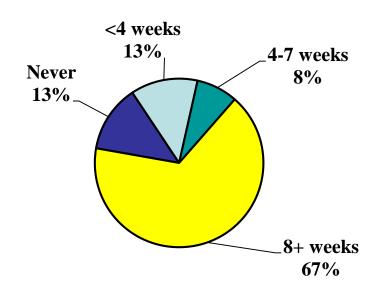
Question 63: What are your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant *now*? Check <u>all</u> that apply.

Reasons Reported for Not Using Postpartum Birth Control

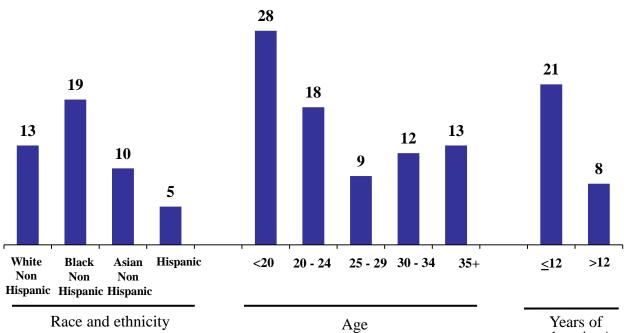


Question 58: How many weeks or months did you breastfeed or pump milk to feed your baby?

Distribution of Mothers by Length of Time Infant Was Breastfed





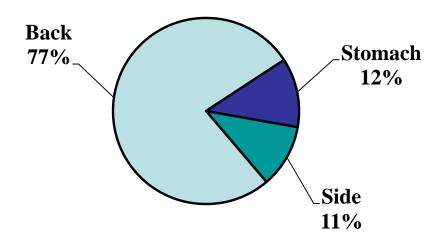


education*

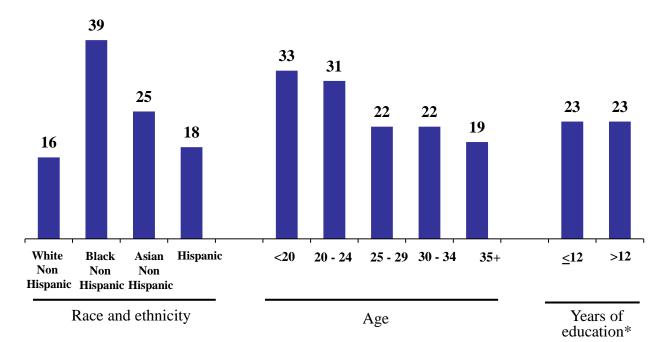
*Includes only mothers ages 20 and above.

Note: Percentages are not reported if the number of respondents was less than five.

Distribution of Infants by Sleep Position

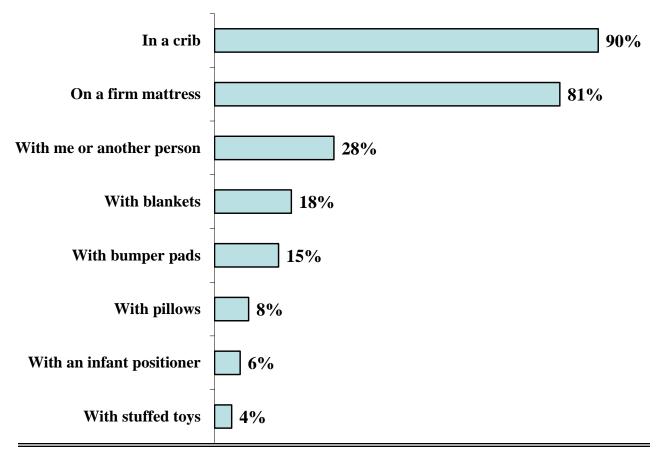




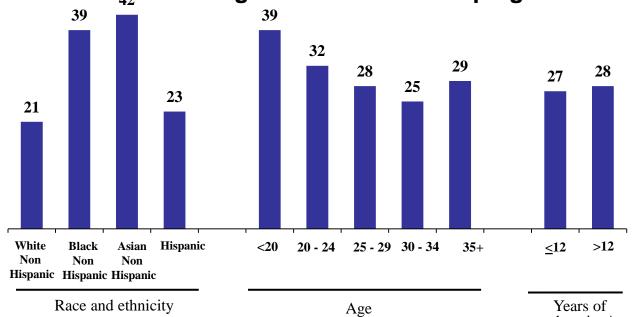


SLEEP ENVIRONMENT

Question 60: Listed below are some things that describe how your new baby usually sleeps. Check No if it doesn't usually apply to your baby or Yes if it usually applies to your baby.



⁴²Percentage of Infants Co-Sleeping



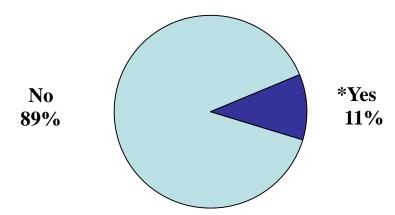
education*

*Includes only mothers ages 20 and above.

SYMPTOMS OF POSTPARTUM DEPRESSION

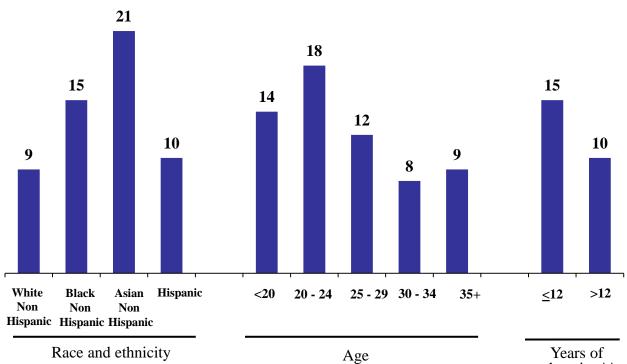
Question 66: Since your new baby was born, how often have you felt down, depressed, or hopeless? Question 67: Since your new baby was born, how often have you had little interest or little pleasure in doing things?

Distribution of Mothers by Postpartum Depression



*Includes mothers who reported having symptoms "Always" or "Often" to Questions 66 or 67

Percentage of Mothers Who Reported **Postpartum Depression**

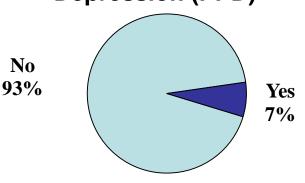


education**

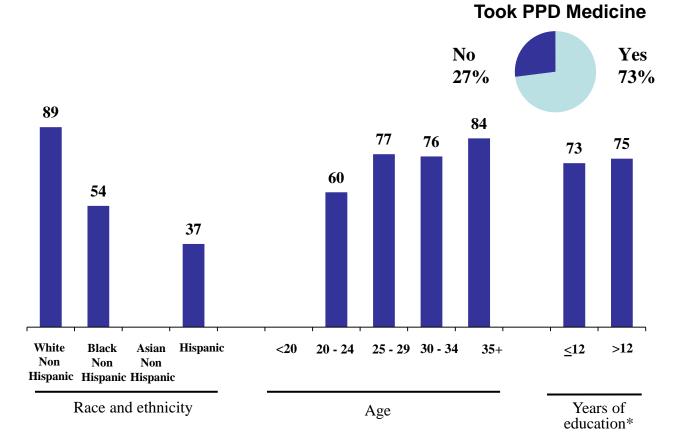
POSTPARTUM DEPRESSION DIAGNOSED

Question 74: *Since your new baby was born*, has a doctor, nurse, or other health care worker *told you that you had* depression? Question 75: Since your new baby was born, have you taken prescription medicine for your depression?

Distribution of Mothers by Diagnosis of Postpartum Depression (PPD)



Percentage of Mothers Diagnosed With Postpartum Depression Who Took Prescription Medicine



Phase 7 Questionnaire



"Thank you for your work!"

"This is a good survey for mothers and babies."

PRAMS mothers

Please check the box next to your answer or follow the directions included with the question. You may be asked to skip some questions that do not apply to you. BEFORE PREGNANCY	 6. Was the baby <i>just before</i> your new one born <i>earlier</i> than 3 weeks before his or her due date? No Yes
The first questions are about <i>you</i> . 1. How tall are <i>you</i> without shoes?	The next questions are about the time <i>before</i> you got pregnant with your <i>new</i> baby.
Feet Inches OR Centimeters	7. At any time during the 12 months before you got pregnant with your new baby, did you do any of the following things? For each item, check No if you did not do it or Yes if you did it.
 2. Just before you got pregnant with your new baby, how much did you weigh? Pounds OR Kilos 3. What is <u>your</u> date of birth? Month Day Year 	No Yes a. I was dieting (changing my eating habits) to lose weight
 4. Before you got pregnant with your new baby, did you ever have any other babies who were born alive? □ No → Go to Question 7 □ Yes 5. Did the baby born <i>just before</i> your new one weigh 5 pounds, 8 ounces (2.5 kilos) or <i>less</i> at birth? 	 f. I visited a health care worker and was checked for depression or anxiety g. I talked to a health care worker about my family medical history h. I had my teeth cleaned by a dentist or dental hygienist
NoYes	

8. During the month before you got pregnant with your new baby, what kind of *health* insurance did vou have? Check ALL that apply Private health insurance from my job or the job of my husband, partner, or parents □ Private health insurance purchased directly from an insurance company Medicaid or HealthChoice TRICARE or other military health care □ Some other kind of health insurance → Please tell us: □ I did not have any health insurance during the month before I got pregnant During the month before you got pregnant 9. with your new baby, how many times a week did you take a multivitamin, a prenatal vitamin, or a folic acid vitamin? □ I didn't take a multivitamin, prenatal vitamin, or folic acid vitamin in the month before I got pregnant \Box 1 to 3 times a week 4 to 6 times a week Every day of the week 10. Before you got pregnant with your new baby, did a doctor, nurse, or other health care worker talk to you about how to improve your health before pregnancy? D No **V**es

2

11. *Before* you got pregnant with your new baby, did a doctor, nurse, or other health care worker tell you that you had any of the following health conditions? For each one, check No if you did not have the condition or Yes if you did.

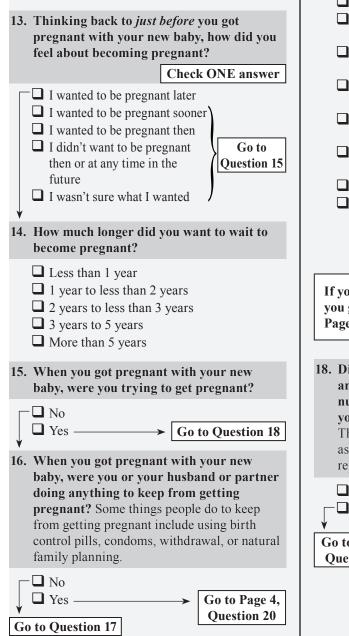
No Yes

a.	Type 1 or Type 2 diabetes (<u>NOT</u>	
	the same as gestational diabetes	
	or diabetes that starts during	
	pregnancy)	
b.	High blood pressure or hypertension.	
c.	Depression	

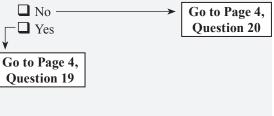
12. During the 3 months before you got pregnant with your new baby, did you have any of the following health conditions? For each one, check No if you did not have the condition or Yes if you did.

		No	Yes
a.	Asthma		
b.	Anemia (poor blood, low iron)		
c.	Heart problems	🗖	
d.	Epilepsy (seizures)	🗖	
e.	Thyroid problems		
f.	Anxiety	🗖	

The next questions are about the time when you got pregnant with your new baby.

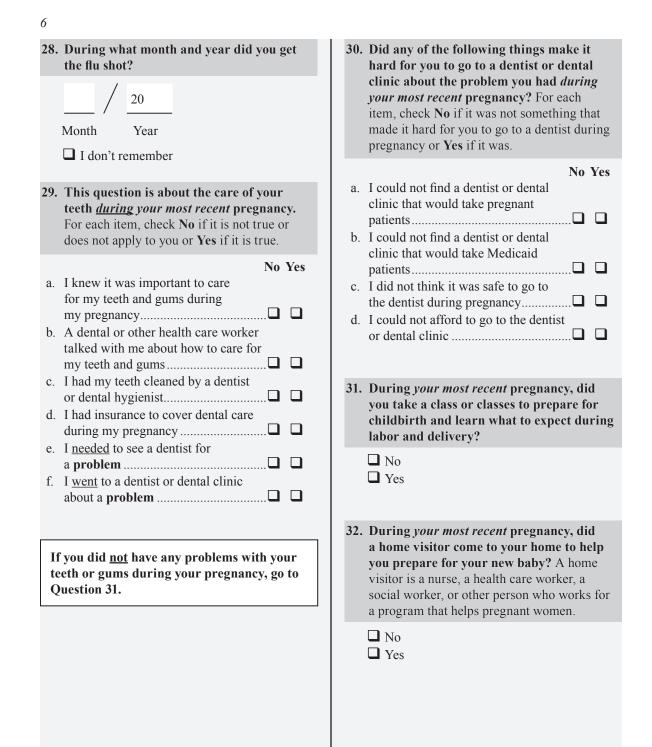


- 3 17. What were your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant? Check ALL that apply □ I didn't mind if I got pregnant □ I thought I could not get pregnant at that time □ I had side effects from the birth control method I was using □ I had problems getting birth control when I needed it □ I thought my husband or partner or I was sterile (could not get pregnant at all) □ My husband or partner didn't want to use anything □ I forgot to use a birth control method \Box Other \longrightarrow Please tell us: If you were not trying to get pregnant when you got pregnant with your new baby, go to Page 4, Ouestion 20. 18. Did you take any fertility drugs or receive
- any medical procedures from a doctor, nurse, or other health care worker to help vou get pregnant with your new baby? This may include infertility treatments such as fertility-enhancing drugs or assisted reproductive technology.

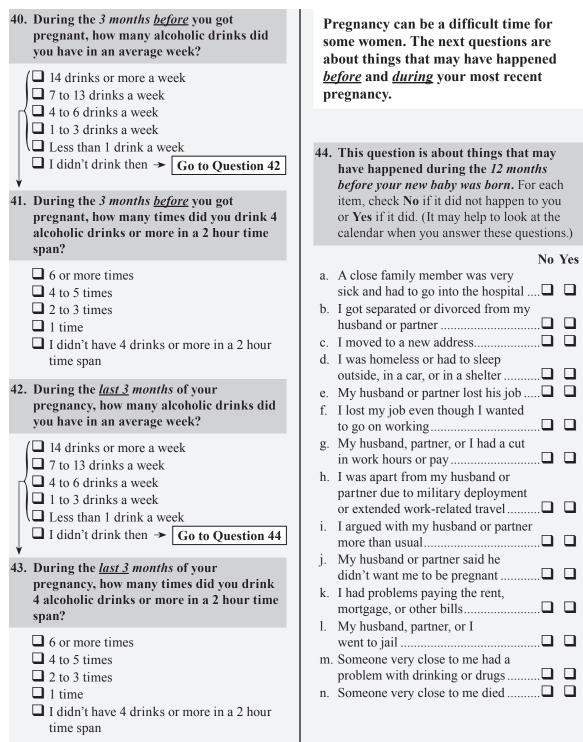


19. Did you use any of the following fertility 20. How many weeks or months pregnant treatments during the month you got were you when you were sure you were pregnant? For example, you had a pregnancy pregnant with your new baby? test or a doctor or nurse said you were Check ALL that apply pregnant. Fertility-enhancing drugs prescribed by a doctor (fertility drugs include Clomid[®], Serophene[®], Pergonal[®], or other drugs that Weeks **OR** _____ Months stimulate ovulation) □ I don't remember Artificial insemination or intrauterine insemination (treatments in which sperm, 21. How many weeks or months pregnant but NOT eggs, were collected and were you when you had your first visit for medically placed into a woman's body) prenatal care? Do not count a visit that was Assisted reproductive technology only for a pregnancy test or only for WIC (the (treatments in which BOTH a woman's Special Supplemental Nutrition Program for eggs and a man's sperm were handled in Women, Infants, and Children). the laboratory, such as in vitro fertilization [IVF], gamete intrafallopian transfer [GIFT], zygote intrafallopian transfer Weeks **OR** _____ Months [ZIFT], intracytoplasmic sperm injection [ICSI], frozen embryo transfer, or donor I didn't go for embryo transfer) prenatal care -→ Go to Question 25 \Box Other medical treatment \rightarrow Please tell us: 22. During *your most recent* pregnancy, what kind of *health insurance* did you have to □ I wasn't using fertility treatments *during* pay for your prenatal care? the month that I got pregnant with my Check ALL that apply new baby Private health insurance from my job or the job of my husband, partner, or parents Private health insurance purchased directly from an insurance company **DURING PREGNANCY** Medicaid or HealthChoice The next questions are about the prenatal TRICARE or other military health care care you received during your most Some other kind of recent pregnancy. Prenatal care includes health insurance — \rightarrow Please tell us: visits to a doctor, nurse, or other health care worker before your baby was born to get checkups and advice about □ I did not have any health insurance pregnancy. (It may help to look at the to pay for my *prenatal care* calendar when you answer these questions.)

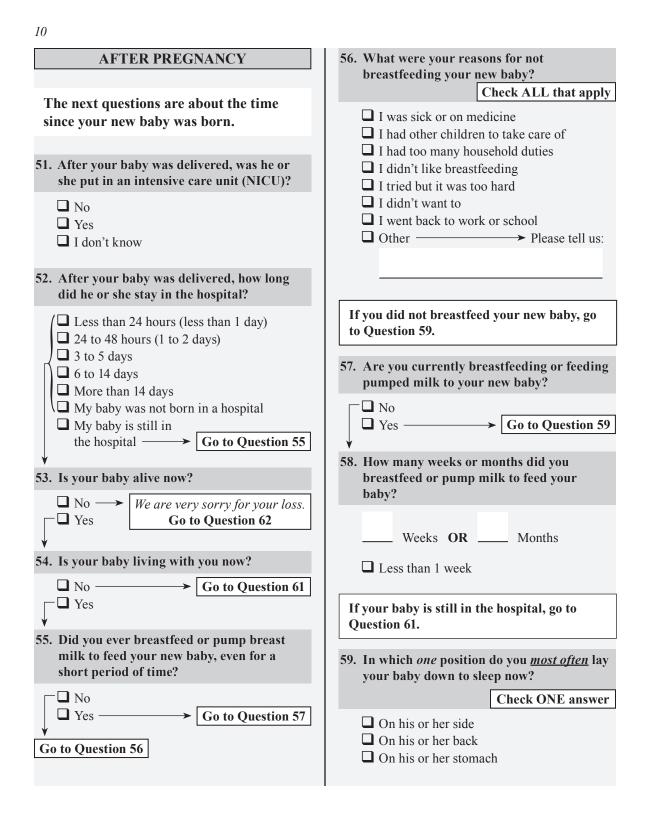
24. During any of your prenatal care visits, 23. During any of your prenatal care visits, did a doctor, nurse, or other health care did a doctor, nurse, or other health care worker talk with you about any of the worker ask youthings listed below? *Please count only* No Yes discussions, not reading materials or videos. a. How much alcohol you were For each item, check No if no one talked with drinking...... you about it or Yes if someone did. b. If someone was hurting you No Yes emotionally or physically \Box a. How much weight I should gain c. If you were using illegal drugs during my pregnancy □ □ (marijuana or hash, cocaine, crack, b. How smoking during pregnancy etc.) could affect my baby..... d. If you wanted to be tested for HIV c. Breastfeeding my baby (the virus that causes AIDS) \Box d. How drinking alcohol during e. If you planned to use birth control pregnancy could affect my baby...... \Box after your baby was born e. Using a seat belt during my pregnancy..... 25. At any time during your most recent f. Medicines that are safe to take during pregnancy or delivery, did you have a test my pregnancy..... for HIV (the virus that causes AIDS)? g. How using illegal drugs could affect D No my baby **V**Yes h. Doing tests to screen for birth defects □ I don't know or diseases that run in my family...... \Box i. The signs and symptoms of preterm labor (labor more than 26. During the 12 months before the delivery 3 weeks before the baby is due)...... \Box of your new baby, did a doctor, nurse, or other health care worker offer you a flu j. Getting tested for HIV (the virus that causes AIDS) \Box shot or *tell* you to get one? k. What to do if I feel depressed during **No** my pregnancy or after my baby **V**es is born 🔲 🔲 1. Physical abuse to women by their 27. During the 12 months before the delivery of husbands or partners your new baby, did you get a flu shot? **Check ONE answer** □ No → Go to Page 6, Question 29 $\int \Box$ Yes, before my pregnancy Yes, during my pregnancy Go to Page 6, Question 28



 33. During <i>your most recent</i> pregnancy, were you on WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)? No Yes 34. During <i>your most recent</i> pregnancy, were you told by a doctor, nurse, or other health care worker that you had gestational diabetes (diabetes that started during <i>this</i> pregnancy)? 	 37. In the <u>last 3 months of your pregnancy, how many cigarettes did you smoke on an average day?</u> A pack has 20 cigarettes. 41 cigarettes or more 21 to 40 cigarettes 11 to 20 cigarettes 6 to 10 cigarettes 1 to 5 cigarettes Less than 1 cigarette I didn't smoke then 38. How many cigarettes do you smoke on an
NoYes	 average day now? A pack has 20 cigarettes. 41 cigarettes or more 21 to 40 cigarettes 11 to 20 cigarettes
The next questions are about smoking cigarettes around the time of pregnancy (before, during, and after).	 6 to 10 cigarettes 1 to 5 cigarettes Less than 1 cigarette I don't smoke now
 35. Have you smoked any cigarettes in the <i>past</i> 2 years? □ No → Go to Question 39 	The next questions are about drinking alcohol around the time of pregnancy
↓ Yes	(before and during).
 36. In the 3 months before you got pregnant, how many cigarettes did you smoke on an average day? A pack has 20 cigarettes. 41 cigarettes or more 21 to 40 cigarettes 11 to 20 cigarettes 6 to 10 cigarettes 1 to 5 cigarettes Less than 1 cigarette I didn't smoke then 	 39. Have you had any alcoholic drinks in the <i>past 2 years</i>? A drink is 1 glass of wine, wine cooler, can or bottle of beer, shot of liquor, or mixed drink. □ No → Go to Page 8, Question 44 ↓ Yes Go to Page 8, Question 40



45. During the 12 months before you got pregnant with your new baby, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any	49. Why did your doctor, nurse, or other health care worker try to induce your labor (start your contractions using medicine)?	
other way?	Check ALL that apply	
☐ No ☐ Yes	 My water broke and there was a fear of infection I was past my due date My health care provider worried about th 	
46. During <i>your most recent</i> pregnancy, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?	 size of the baby My baby was not doing well and needed to be born I had a complication in my pregnancy (such 	
□ No □ Yes	 as low amniotic fluid or preeclampsia) Labor stopped or was not progressing I wanted to schedule my delivery I wanted to give birth with a specific health care provider 	
The next questions are about your labor and delivery.	□ Other → Please tell us:	
47. When was your new baby born?	50. By the end of <i>your most recent</i> pregnancy,	
47. When was your new baby born.	how much weight had you gained?	
20	Check ONE answer and fill in blank if needed	
Month Day Year		
 48. Did your doctor, nurse, or other health care worker try to induce your labor (start your contractions using medicine)? □ No → Go to Question 50 □ Yes □ I don't know → Go to Question 50 Go to Question 49 	 I gained pounds I didn't gain any weight, but I lost pounds My weight didn't change during my pregnancy I don't know 	



60. Listed below are some things that describe how your new baby *usually* sleeps. For each item, check **No** if it doesn't usually apply to your baby or **Yes** if it usually applies to your baby.

No Yes

a. I	My new baby sleeps in a crib or	
ľ	portable crib	
b. N	My new baby sleeps on a firm or	
ł	hard mattress	
c. 1	My new baby sleeps with pillows \Box	
d. 1	My new baby sleeps with bumper	
ľ	bads	
e. 1	My new baby sleeps with plush or	
t	hick blankets	
f. N	My new baby sleeps with stuffed	
t	oys	
g. N	My new baby sleeps with an infant	
ľ	positioner	
h. N	My new baby sleeps with me or	
а	another person	

61. Since your new baby was born, has a home visitor come to your home to help you learn how to take care of yourself or your new baby? A home visitor is a nurse, a health care worker, a social worker, or other person who works for a program that helps mothers of newborns.

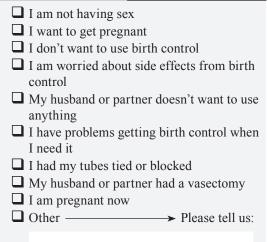
Yes

62. Are you or your husband or partner doing anything *now* to keep from getting pregnant? Some things people do to keep from getting pregnant include using birth control pills, condoms, withdrawal, or natural family planning.

 $\begin{array}{c} & & \text{No} \\ & & \text{Yes} \end{array} \end{array} \xrightarrow{\text{Go to Page 12, Question 64}} \\ \hline & & \text{Go to Question 63} \end{array}$

63. What are your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant *now*?

Check ALL that apply



12		
If you or your husband or partner is <u>not doing</u> anything to keep from getting pregnant <i>now</i> , go to Question 65.	67. <i>Since your new baby was born</i> , how often have you had little interest or little pleasure in doing things?	
 64. What kind of birth control are you or your husband or partner using <i>now</i> to keep from getting pregnant? Check ALL that apply Tubes tied or blocked (female sterilization, Essure®, Adiana®) 	 Always Often Sometimes Rarely Never 68. What kind of <i>health insurance</i> do you have	
□ Vasectomy (male sterilization)	now?	
Birth control pill	Check ALL that apply	
 Condoms Injection (Depo-Provera[®]) Contraceptive implant (Implanon[®]) Contraceptive patch (OrthoEvra[®]) or vaginal ring (NuvaRing[®]) IUD (including Mirena[®] or ParaGard[®]) Natural family planning (including rhythm method) Withdrawal (pulling out) Not having sex (abstinence) Other> Please tell us: 	 Private health insurance from my job or the job of my husband, partner, or parents Private health insurance purchased directly from an insurance company Medicaid or HealthChoice TRICARE or other military health care Some other kind of health insurance Please tell us: I do not have health insurance <i>now</i> 	
65. <i>Since your new baby was born</i> , have you had a postpartum checkup for yourself? A	OTHER EXPERIENCES	
postpartum checkup is the regular checkup a woman has about 4-6 weeks after she gives birth.	The next questions are on a variety of topics.	
□ No □ Yes	69. How did you feel when you found out you were pregnant with your new baby?	
66. <i>Since your new baby was born</i> , how often have you felt down, depressed, or hopeless?	Were you—	
 Always Often Sometimes Rarely Never 	 Very unhappy to be pregnant Unhappy to be pregnant Not sure Happy to be pregnant Very happy to be pregnant 	

70. <i>Before</i> you got pregnant with your new baby, did your husband or partner ever try to keep you from using your birth control so that you would get pregnant when	74. <i>Since your new baby was born</i> , has a doctor, nurse, or other health care worker <i>told you that you had</i> depression?
you didn't want to? For example, did he hide your birth control, throw it away or do anything else to keep you from using it?	
NoYes	75. <i>Since your new baby was born</i> , have you taken prescription medicine for your depression?
71. During any of the following time periods, did your husband or partner threaten you, limit your activities against your will, or	 No Yes 76. At any time during <i>your most recent</i>
make you feel unsafe in any other way? For each time period, check No if it did not	pregnancy, did you work at a job for pay?
happen then or Yes if it did.	□ No → Go to Page 14, Question 81 □ Yes
 No Yes a. During the 12 months before I got pregnant b. During my most recent pregnancy 	 V 77. Which of the following best describes your work schedule during the <i>last month</i> of your most recent pregnancy?
c. Since my new baby was born	Check ONE answer
72. At any time <u>during</u> your most recent pregnancy, did a doctor, nurse, or other health care worker <i>tell you that you had</i> anxiety?	 □ I worked up to the time of derivery with no change in schedule □ I cut back on my work hours □ I took time off before the birth of my baby □ I stopped working due to doctor's orders □ I quit my job → Go to Page 14,
NoYes	I was laid off or fired from my job
73. At any time <u>during</u> <i>your most recent</i> pregnancy, did a doctor, nurse, or other health care worker <i>tell you that you had</i> depression?	 78. Have you returned to the job you had during your most recent pregnancy? Check ONE answer No> Go to Page 14, Question 81
 No Yes 	Go to Page 14, Question 79

79. Which of the following describes the leave or time you took off from work after your new baby was born? Check ALL that apply □ I took *paid* leave from my job □ I took *unpaid* leave from my job □ I did not take leave 80. Did any of the things listed below affect your decision about taking leave from work after your new baby was born? For each item, check No if it does not apply to you or **Yes** if it does. No Yes a. I could not financially afford to take leave b. I was afraid I'd lose my job if I took leave or stayed out longer c. I had too much work to do to take leave or stay out longer..... d. My job does not have paid leave e. My job does not offer a flexible work schedule f. I had not built up enough leave time to take any or more time off..... \Box 81. Thinking about when you were growing up, would you say your family was well-off financially, average or poor? U Well-off financially □ Average D Poor □ It varied □ I don't know

The last questions are about the time during the *12 months before* your new baby was born.

- 82. During the 12 months before your new baby was born, what was your yearly total household income before taxes? Include your income, your husband's or partner's income, and any other income you may have received. All information will be kept private and will not affect any services you are now getting.
 - \$0 to \$15,000
 \$15,001 to \$19,000
 \$19,001 to \$22,000
 \$22,001 to \$26,000
 \$26,001 to \$29,000
 \$29,001 to \$37,000
 \$37,001 to \$44,000
 \$44,001 to \$52,000
 \$52,001 to \$56,000
 \$56,001 to \$67,000
 \$56,001 to \$79,000
 \$79,001 or more
- 83. During the *12 months before* your new baby was born, how many people, *including yourself*, depended on this income?
 - ____ People
- 84. What is today's date?



Please use this space for any additional comments you would like to make about your experiences around the time of your pregnancy or the health of mothers and babies in Maryland.

Thanks for answering our questions!

Your answers will help us work to make Maryland mothers and babies healthier.





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