

Maryland Department of Health and Mental Hygiene Center for Maternal and Child Health & Vital Statistics Administration

Martin O'Malley, Governor; Anthony G. Brown, Lieutenant Governor; John M. Colmers, Secretary

"Thank you for giving me the opportunity to participate in this survey. I hope it helps other mothers have healthy babies."

PRAMS mother

Maryland PRAMS Report

2007 Births

Family Health Administration

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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 2007 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 37 states, New York City and South Dakota (Yankton Sioux Tribe). 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 assisted reproduction, contraceptive use, depression, oral health, chronic disease, physical activity, and infections.

The PRAMS project in Maryland is a collaborative effort of the Center for Maternal and Child Health (CMCH), 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. Each month, a stratified, random sample of approximately 200 live births is selected. The sample is stratified by maternal age (<35 years, \geq 35 years) and infant birth weight (<2500 grams, \geq 2500 grams). This sampling frame over-samples mothers who have delivered a low birth weight infant (<2500 grams) as well as mothers who are 35 years of age or older.

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 76-item survey, informed consent page, PRAMS brochure, calendar and resource brochure. In addition, a telephone card 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/reproductivehealth/methodology.htm*.

Survey Response and Data Analysis

CDC recommends that states obtain a response rate of at least 70% for analysis of PRAMS. The weighted response rate among women delivering in Maryland between January 1, 2007 and December 31, 2007 was 70.4%. During this period, 1,673 mothers completed the PRAMS questionnaire with a weighted response reflecting 69,871 mothers. The weighted figure included 32,902 births to white non-Hispanic women and 22,836 births to black non-Hispanic women. Survey findings in this report are shown by race/Hispanic origin (White Non-Hispanic, Black Non-Hispanic), maternal age and maternal years of education.

All data in this report were prepared using weighted PRAMS data and SUDAAN software. Percentages shown for each survey item are based on the number of mothers who responded to that item, with missing observations excluded. Percentages for subcategories of survey items based on fewer than five respondents are not reported since estimates based on small numbers may be unreliable.

ACKNOWLEDGMENTS

The Maryland PRAMS Project would like to acknowledge the CDC PRAMS Team for their technical assistance and support, especially Denise D'Angelo, M.P.H., 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 1,673 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.

Maryland PRAMS Steering Committee

(February 2008)

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Maryland PRAMS Highlights--2007

Preconception factors

- Forty-three percent of all pregnancies were **unintended**.
- Twelve percent of mothers reported a **pregnancy loss** in the twelve months preceding the current pregnancy.
- Sixty-seven percent of women reported having health insurance just before pregnancy, and 6% reported they were covered by Medicaid or Health Choice.
- Thirty percent of women reported taking a **multivitamin daily** in the month before conception.
- Thirteen percent of mothers who were attempting to become pregnant used fertility treatments; 39% reported using fertility drugs, 19% used artificial insemination, and 18% used assisted reproductive technology.

Prenatal factors

- Seventy-six percent of mothers began prenatal care during the first trimester of pregnancy, and 2% received no care.
- Sixty-six percent of women reported that health insurance or an HMO paid for their prenatal care; 27% reported that Medicaid or Health Choice paid for their care.
- Thirty-eight percent of women participated in the **WIC** program during pregnancy.
- Sixty percent of mothers reported one or more medical complications during pregnancy; severe nausea, preterm labor, and kidney or bladder infections were the most common complications.
- Seventy-eight percent of mothers reported that HIV testing was discussed during prenatal care visits; 74% reported getting an HIV test.
- Nine percent of women **smoked** during the last

three months of pregnancy, and 7% reported using **alcohol**. Fewer than 1% of women reported a binge-drinking episode during the last three months of pregnancy.

- Three percent of mothers reported being **physically abused** by an ex-husband or expartner during pregnancy, and 4% reported being abused by a husband or partner.
- Forty percent of mothers had a routine **dental visit** during pregnancy, and 22% needed to be seen for a dental problem.

Infant health and related factors

- Thirteen percent of newborns were admitted to a **neonatal intensive care** unit.
- Fifty-three percent of newborns were discharged from the hospital within two days of delivery, and 8% remained in the hospital for 6 or more days.
- Seventy-nine percent of infants were **breastfed** after delivery, and 68% were breastfed four weeks or longer.
- In terms of sleeping position, 71% of infants were usually placed on their backs to sleep, and 13% on their stomachs.
- Ninety-nine percent of infants had a **well-baby checkup**.

Maternal postpartum factors

- Fifteen percent of mothers reported they were not using **postpartum contraception**.
- Thirteen percent of mothers **smoked postpartum**.
- Thirty-five percent of mothers reported that they had not discussed **postpartum depression** with their health care providers during prenatal or postpartum visits.

MARYLAND PRAMS 2003-2007 SURVEILLANCE AND SELECTED HEALTHY PEOPLE 2010 OBJECTIVES

Healthy People 2010 Objective	Healthy People 2010 Target	Maryland PRAMS 2003 Births	Maryland PRAMS 2004 Births	Maryland PRAMS 2005 Births	Maryland PRAMS 2006 Births	Maryland PRAMS 2007 Births
Preconception Factors						
Increase the proportion of pregnancies that are intended.	70%	58.8%*	62.1%*	57.0%*	59.7%*	56.6%*
Increase the proportion of pregnancies begun with the consumption of at least 400 <i>ug</i> of folic acid each day from fortified foods or dietary supplements by nonpregnant women aged 15-44 years.	80%	31.0%	33.4%	29.1%	31.9%	30.3%
Prenatal Health						
Increase the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.	90%	78.2%**	78.8%**	75.8%**	74.3%**	76.2%**
Reduce cigarette smoking among pregnant women.	2%	11.1%	10.3%	10.0%	7.8%	9.3%
Increase abstinence from alcohol by pregnant women.	94%	90.1%	92.8%	93.5%	92.8%	92.6%
Increase abstinence from binge drinking by pregnant women.	100%	99.5%	99.7%	99.5%	99.7%	99.5%
Postpartum Maternal and Infant Health						
Increase the percentage of healthy full- term infants who are put down to sleep on their backs.	70%	64.0%	64.2%	65.0%	68.8%	70.7%
Increase the proportion of mothers who breastfeed their babies in the early postpartum period.	75%	77.5%	76.2%	75.4%	81.1%	79.0%

*PRAMS data includes only information on pregnancies that end in live birth **First trimester defined by PRAMS as <13weeks





"I found out I was pregnant the day I went to the health department for birth control."

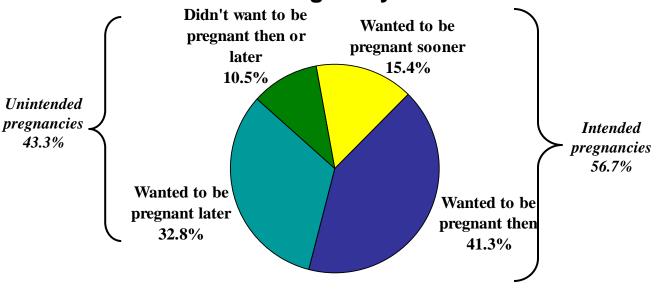
"I took prenatal [vitamins] before I was pregnant because I smoke and I wanted to make sure my baby had all nutrients."

PRAMS mothers

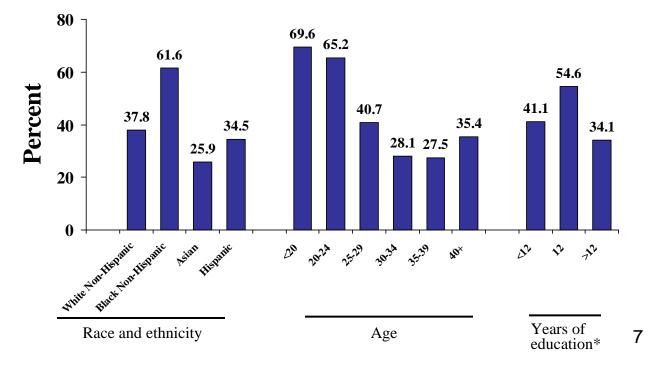
INTENDEDNESS OF PREGNANCY

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



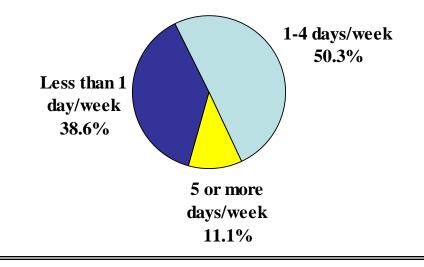
Percentage of Mothers With Unintended Pregnancies



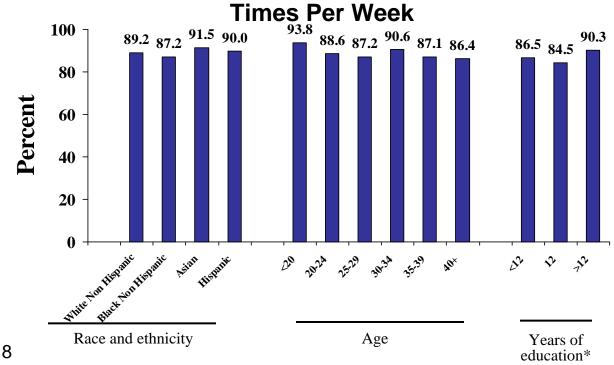
PHYSICAL ACTIVITY BEFORE PREGNANCY

Question 67: During the *3 months before* you got pregnant with your new baby, how often did you participate in any physical activities or exercise for 30 minutes or more?

Distribution of Mothers by Physical Activity During the Three Month Period Before Pregnancy Began

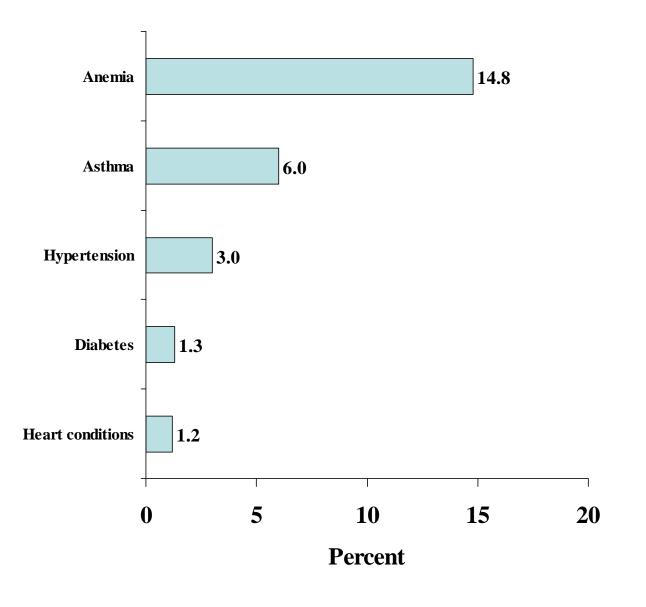


Percentage of Mothers Who Reported They Participated in Physical Activity Less Than Five Times Per Week



PRECONCEPTION HEALTH PROBLEMS Question 7: During the *3 months before* you got pregnant with your new baby, did you have any of the following health problems?

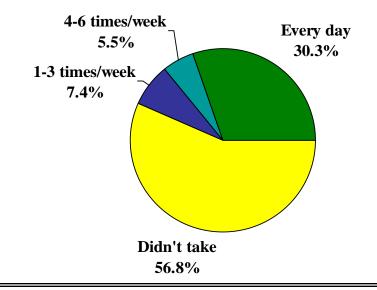
Percentage of Mothers Reporting Health Problems During the Three Months Prior to Conception



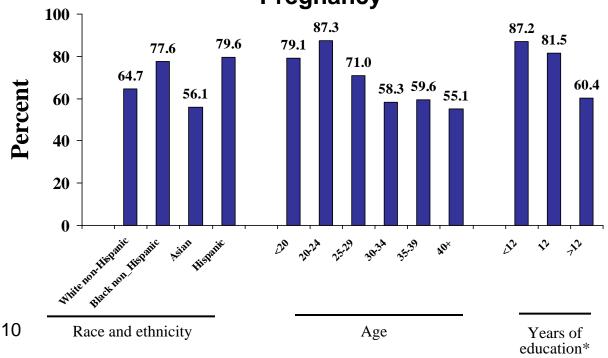
MULTIVITAMIN USE

Question 3: During the *month before* you got pregnant with your new baby, how many times a week did you take a multivitamin or a prenatal vitamin? These are pills that contain many different vitamins and minerals.

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



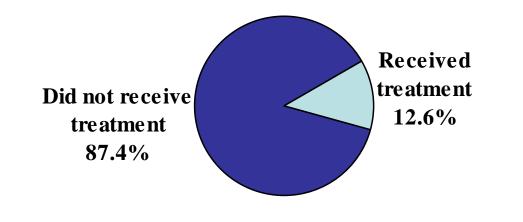
Percentage of Mothers Who Reported Less Than Daily Multivitamin Use in the Month Before Pregnancy



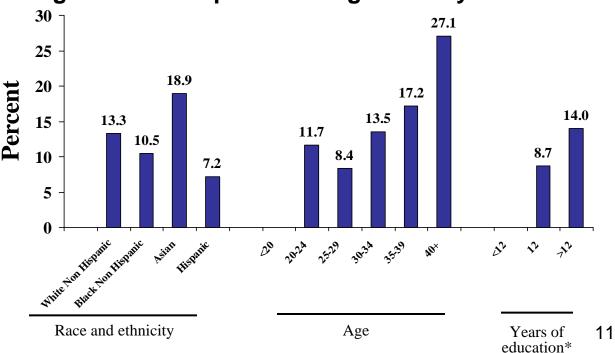
INFERTILITY TREATMENT

Question 17: Did you receive treatment from a doctor, nurse, or other health care worker to help you get pregnant with your new baby? (This may include infertility treatments such as fertility-enhancing drugs or assisted reproductive technology).

Distribution of Mothers Who Were Attempting to Become Pregnant by Use of Infertility Treatment



Percentage of Mothers Attempting to Become Pregnant Who Reported Using Infertility Treatment



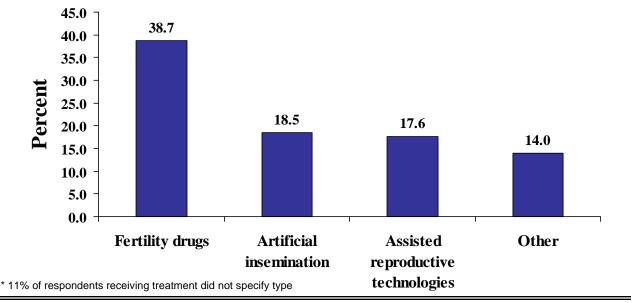
*Includes only mothers ages 20 and above.

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

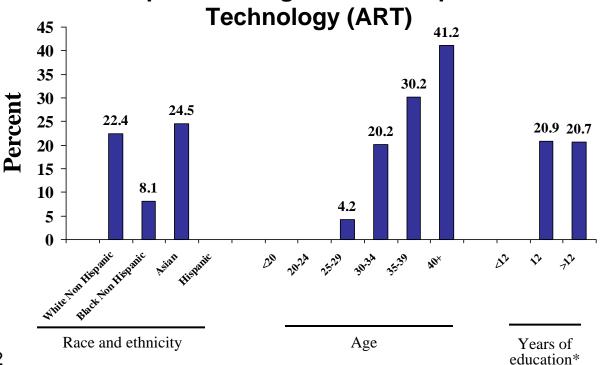
TYPE OF INFERTILITY TREATMENT

Question 18: Did you use any of the following [infertility] treatments *during the month you got pregnant* with your new baby? Check <u>all</u> that apply.

Percentage of Mothers Reporting Use of Infertility Treatment by Type of Treatment



Percentage of Mothers Attempting to Become Pregnant Who Reported Using Assisted Reproductive



12

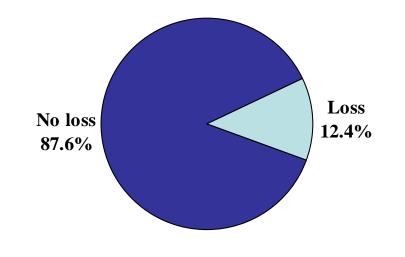
*Includes only mothers ages 20 and above.

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

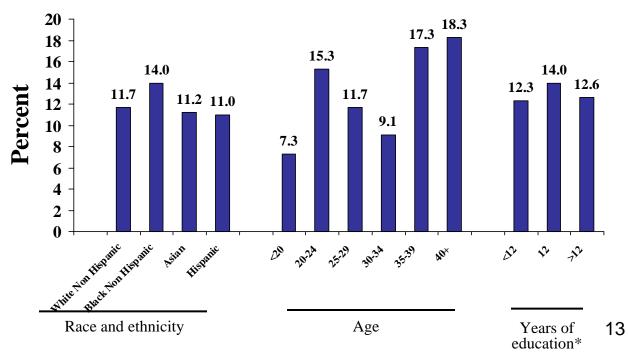
PRIOR PREGNANCY LOSS

Question 65: During the *12 months before* you got pregnant with your new baby, did you have a miscarriage, fetal death (baby died before being born), or stillbirth?

Distribution of Mothers by Pregnancy Loss in 12 Months Preceding Current Pregnancy



Percentage of Mothers Reporting a Pregnancy Loss in the 12 Months Preceding the Current Pregnancy







"They don't really believe in seeing you in the first trimester because you usually miscarry...I think it's really bad because I think that's when miscarriages can be prevented by getting good prenatal care."

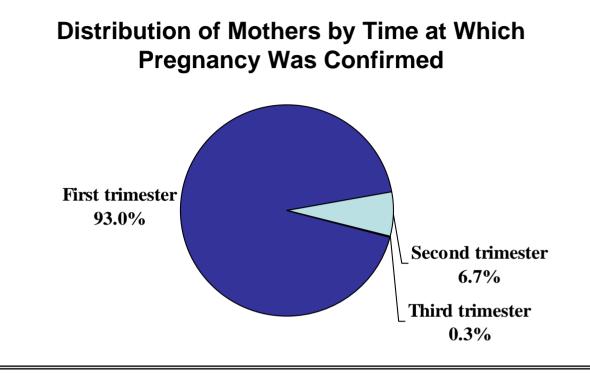
"Doctors seem to rush patients now instead of taking the time to listen and give you a chance to ask questions."

"I think that doctors, nurses and healthcare providers should talk with pregnant mothers during their pregnancy to ensure that things are going well because during my pregnancy I was very depressed."

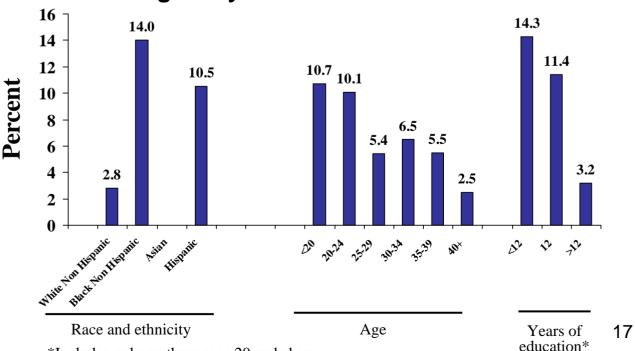
PRAMS mothers

TRIMESTER OF PREGNANCY CONFIRMATION

Question 19: How many weeks or months pregnant were you when you were sure you were pregnant?



Percentage of Mothers Who Reported Confirming Pregnancy After the First Trimester

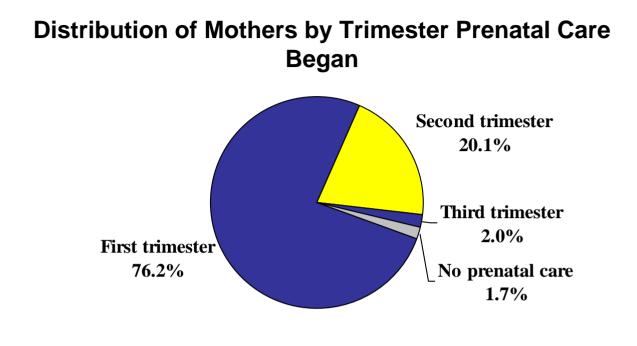


*Includes only mothers ages 20 and above.

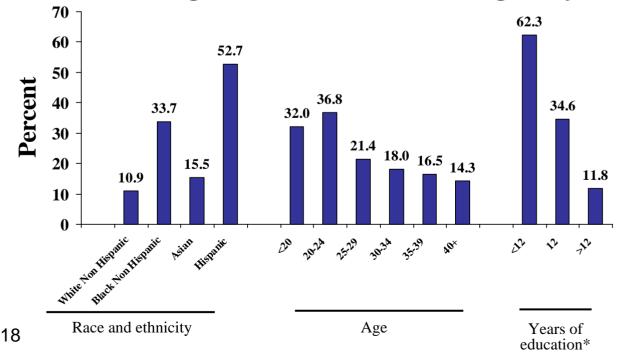
Note: Percentages are not reported if the number of respondents was less than five

TRIMESTER PRENATAL CARE BEGAN

Question 20: How many weeks or months pregnant were you when you had your first visit for prenatal care?



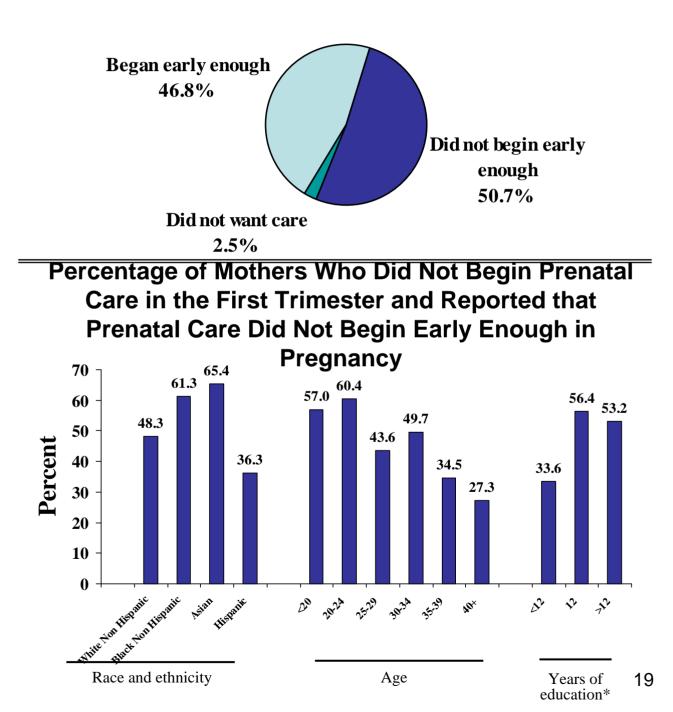
Percentage of Mothers Who Did Not Begin Prenatal Care During the First Trimester of Pregnancy



PRENATAL CARE AS EARLY AS DESIRED

Question 21: Did you get prenatal care as early in your pregnancy as you wanted?

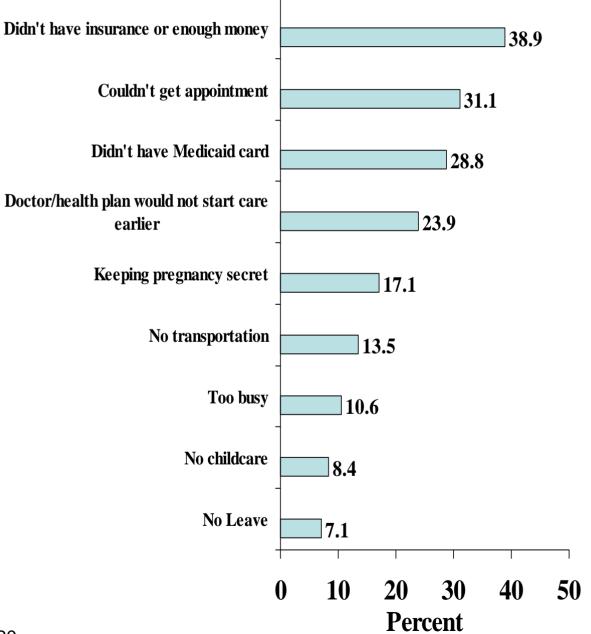
Distribution of Mothers Who Did Not Begin Prenatal Care in the First Trimester by Satisfaction With Time During Pregnancy That Prenatal Care Began



REASONS FOR LATE PRENATAL CARE

Question 22: Here is a list of problems some women can have getting prenatal care...Circle yes if it was a problem for you during your most recent pregnancy.

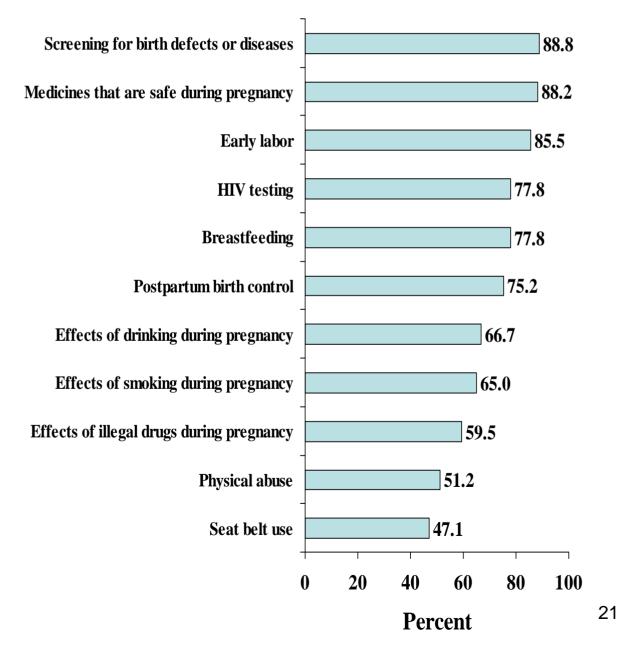
Reasons Given for Not Beginning Prenatal Care As Early in Pregnancy As Desired Among Women Who Did Not Receive Prenatal Care as Early as Wanted



TOPICS DISCUSSED DURING PRENATAL CARE VISITS

Question 24: During any of your prenatal care visits, did a doctor, nurse, or other health care worker talk with you about any of the things listed below? Please count only discussions, not reading materials or videos.

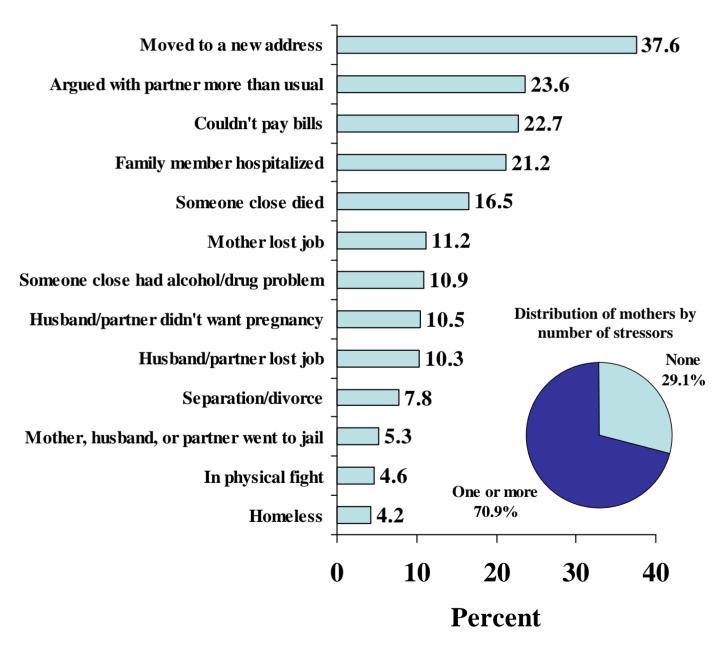
Percentage of Mothers Reporting That Selected Topics Were Discussed During Prenatal Care Visits



STRESS

Question 37: 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.

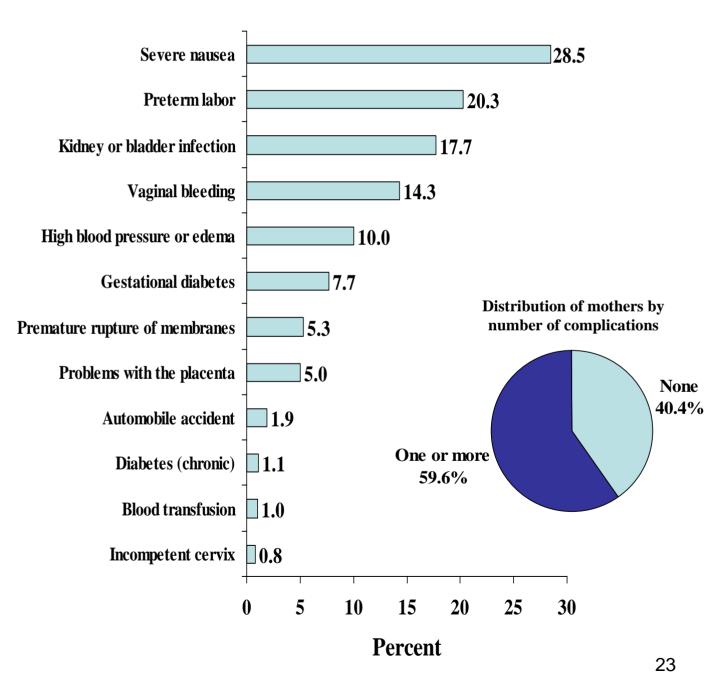
Percentage of Mothers Reporting Stress by Type of Event



COMPLICATIONS DURING PREGNANCY

Question 28: Did you have any of these problems during your most recent pregnancy?

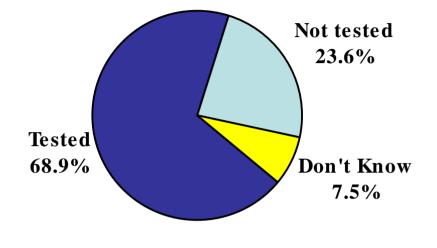
Percentage of Mothers Reporting Pregnancy Complications by Type of Complication



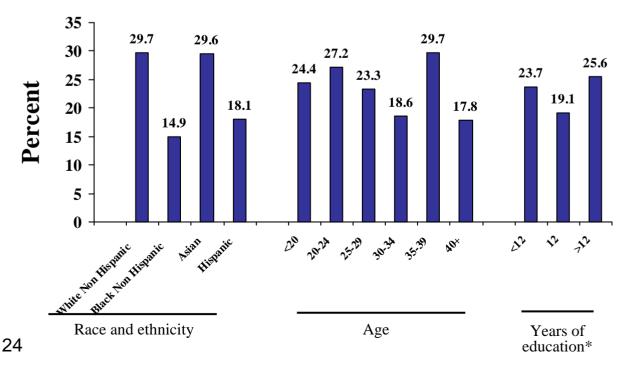
HIV TESTING

Question 25: At any time during your most recent pregnancy or delivery, did you have a test for HIV?

Distribution of Mothers by HIV Testing Status

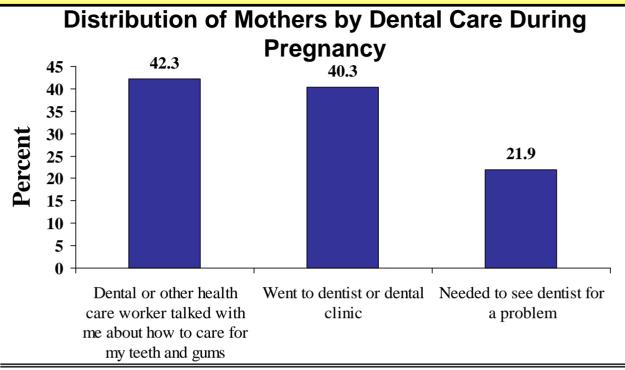


Percentage of Mothers Who Reported They Did Not Have an HIV Test During Pregnancy or Delivery

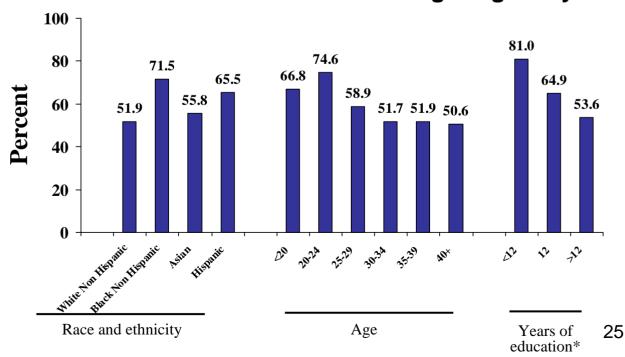


DENTAL CARE DURING PREGNANCY

Question 74: This question is about the care of your teeth during your most recent pregnancy. For each item, circle 'yes' if it is true.



Percentage of Mothers Who Did Not Report Going to a Dentist or Dental Clinic During Pregnancy







"I think if we had easier access to low cost/no cost insurance more women would get prenatal care."

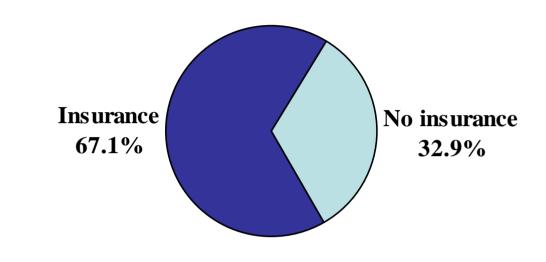
"I think the WIC program should allow the mother a choice of any vegetable besides carrots on the voucher as well as allow for rice milk substitution."

PRAMS mothers

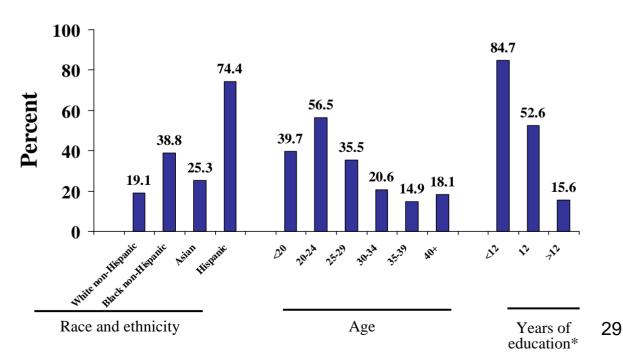
HEALTH INSURANCE BEFORE PREGNANCY

Question 1: *Just before* you got pregnant, did you have health insurance? (Do not count Medicaid [including HealthChoice]).

Distribution of Mothers by Health Insurance Status Just Before Pregnancy



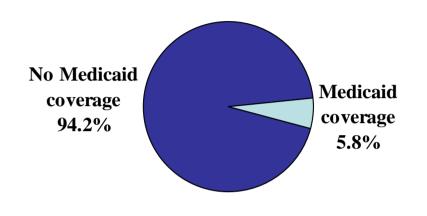
Percentage of Mothers Who Reported Having No Health Insurance Just Before Pregnancy



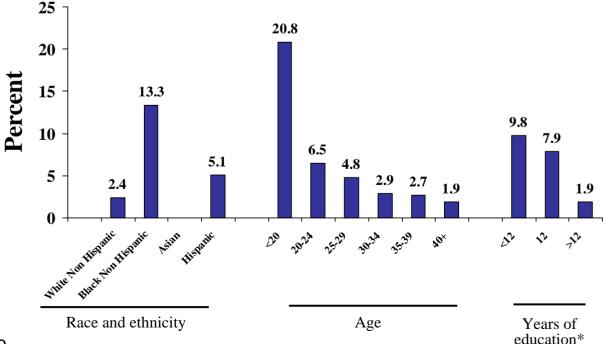
MEDICAID BEFORE PREGNANCY

Question 2: Just before you got pregnant, were you on Medicaid (including HealthChoice)?

Distribution of Mothers by Medicaid Coverage Just Before Pregnancy



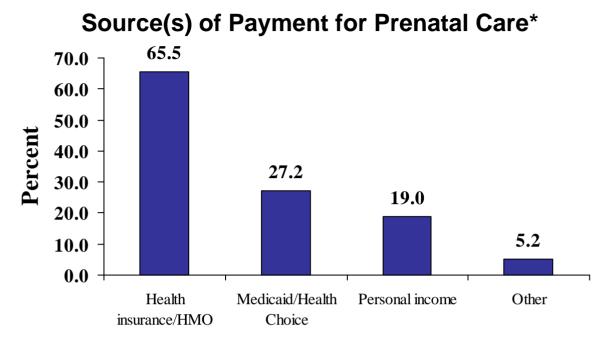
Percentage of Mothers Who Reported Having Medicaid Coverage Just Before Pregnancy



*Includes only mothers ages 20 and above.
 Note: Percentages are not reported if the number of respondents was less than five.

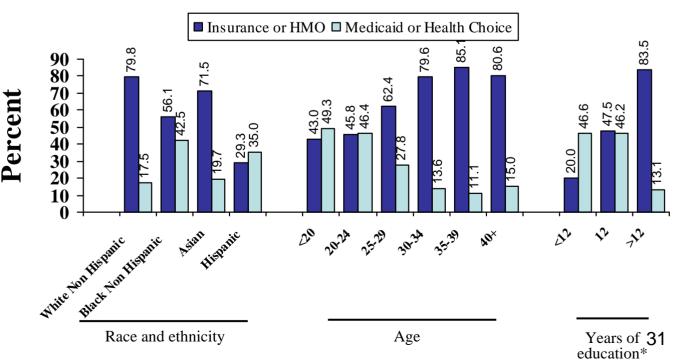
SOURCE OF PAYMENT FOR PRENATAL CARE

Question 23: How was your prenatal care paid for? Check <u>all</u> that apply.



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

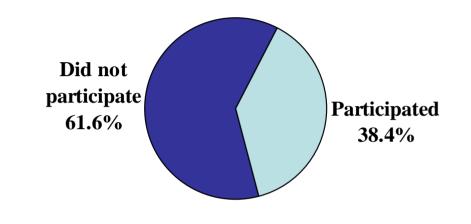
Percentage of Mothers Who Identified Insurance/HMO or Medicaid/Health Choice as a Source of Payment for Prenatal Care



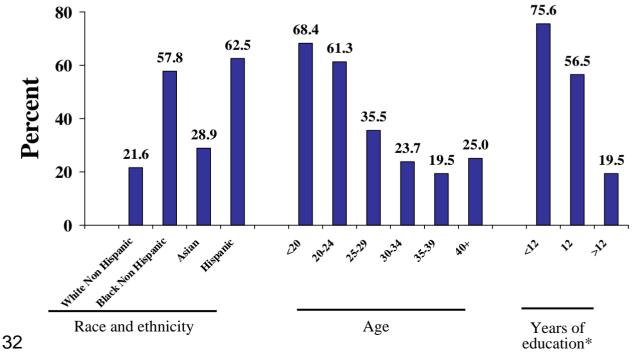
WIC PARTICIPATION

Question 27: 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

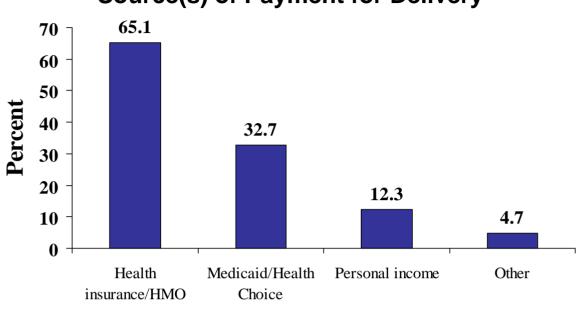


Percentage of Mothers Who Participated in the WIC Program During Pregnancy



SOURCE OF PAYMENT FOR DELIVERY

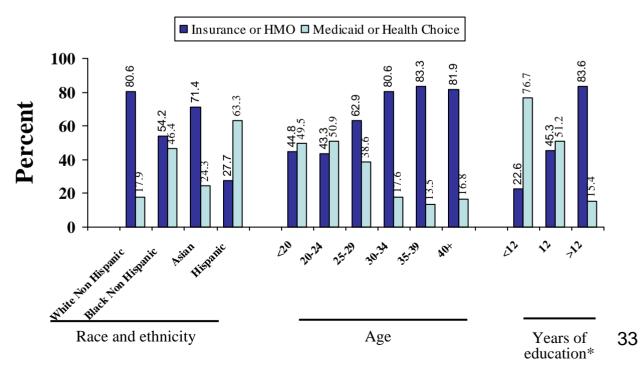
Question 47: How was your delivery paid for? Check <u>all</u> that apply.



Source(s) of Payment for Delivery*

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

Percentage of Mothers Who Identified Insurance/HMO or Medicaid/Health Choice as a Source of Payment for Delivery



Selected Risk Factors



"During both of my pregnancies I stayed away from caffeine and aspartame. I would have an alcoholic beverage occasionally."

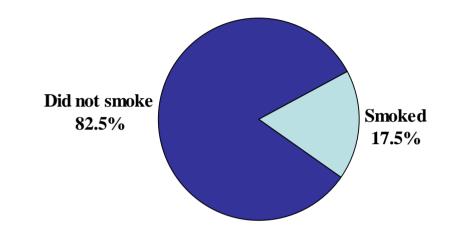
"When my fiancé...held a gun to me, I left."

PRAMS mothers

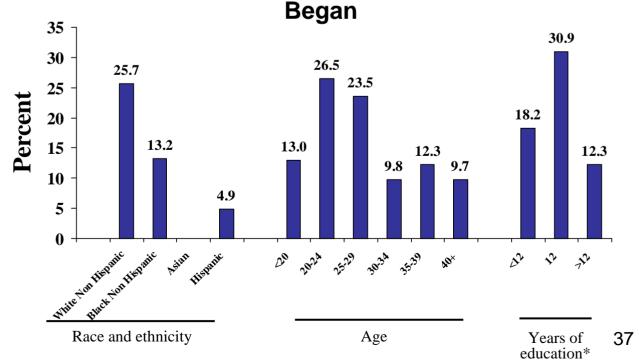
SMOKING BEFORE PREGNANCY

Question 31: In the *three months before* you got pregnant, how many cigarettes or packs of 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

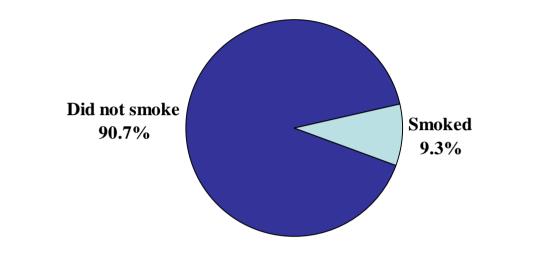


*Includes only mothers ages 20 and above.

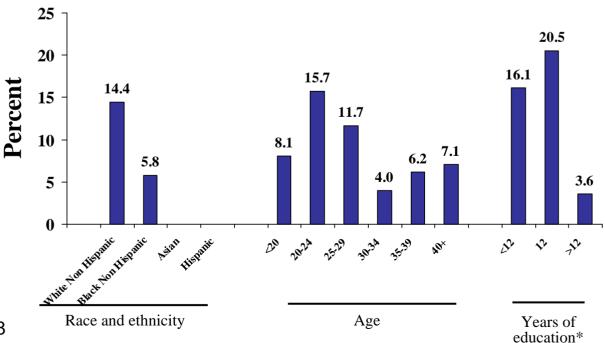
SMOKING DURING PREGNANCY

Question 32: In the *last three months* of your pregnancy, how many cigarettes or packs of 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



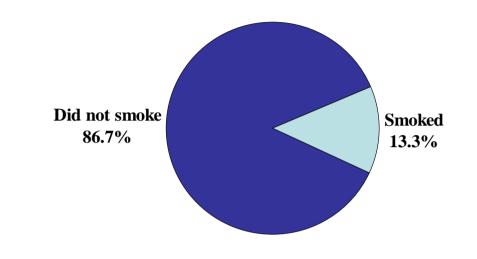
38

*Includes only mothers ages 20 and above.

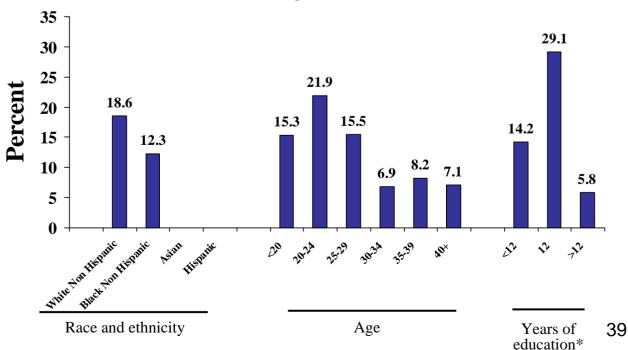
SMOKING AFTER PREGNANCY

Question 33: How many cigarettes or packs of 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

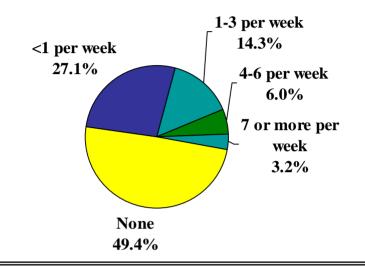


*Includes only mothers ages 20 and above.

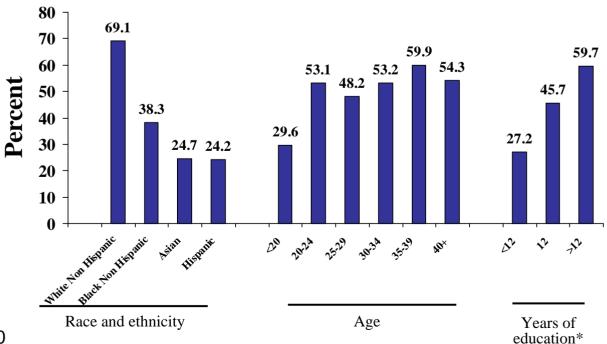
ALCOHOL USE BEFORE PREGNANCY

Question 35a: During the *3 months before* 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



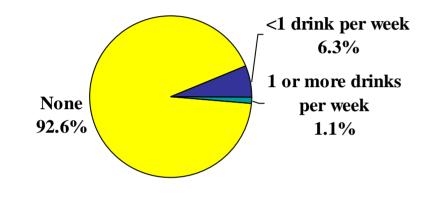
Percentage of Mothers Who Reported Any Alcohol Use in the Three Months Preceding Pregnancy



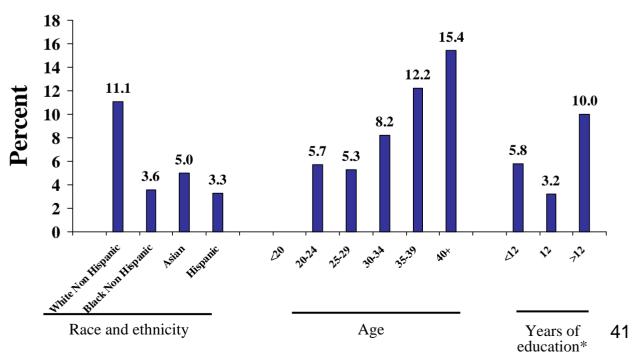
ALCOHOL USE DURING PREGNANCY

Question 36a: 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

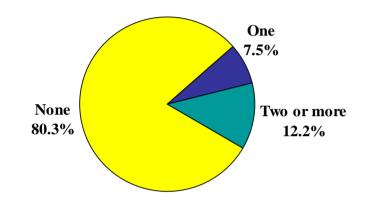


*Includes only mothers ages 20 and above.

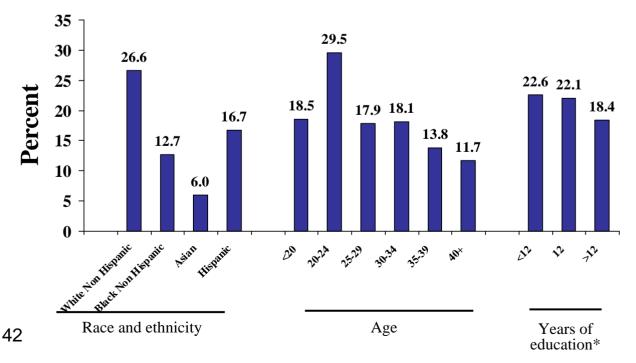
ALCOHOL BINGES BEFORE PREGNANCY

Question 35b: During the *3 months before* your got pregnant, how many times did you drink 5 alcoholic drinks or more in one sitting?

Distribution of Mothers by the Number of Alcohol Binges (5+ Drinks in One Sitting) During the Three Month Period Preceding Pregnancy



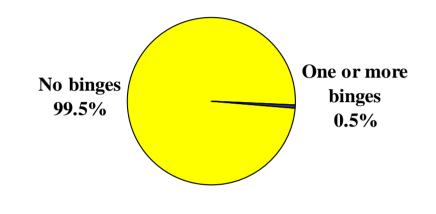
Percentage of Mothers Who Reported Any Binge Drinking in the Three Months Preceding Pregnancy



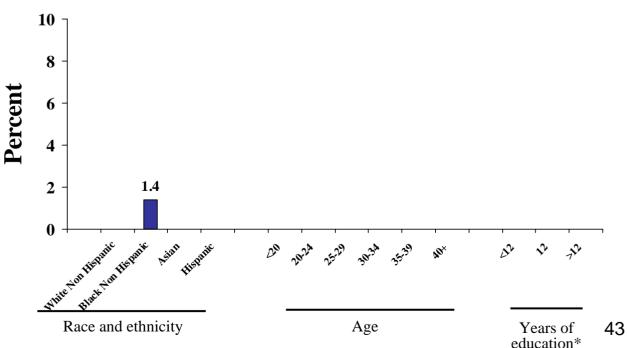
ALCOHOL BINGES DURING PREGNANCY

Question 36b: During the *last 3 months of* your pregnancy, how many times did you drink 5 alcoholic drinks or more in one sitting?

Distribution of Mothers by the Number of Alcohol Binges (5+ Drinks in One Sitting) During the Last Three Months of Pregnancy





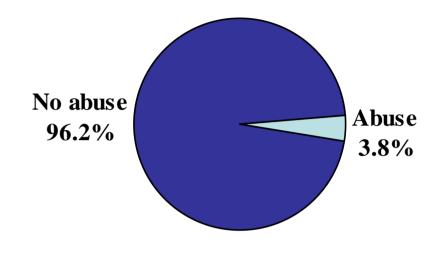


*Includes only mothers ages 20 and above.

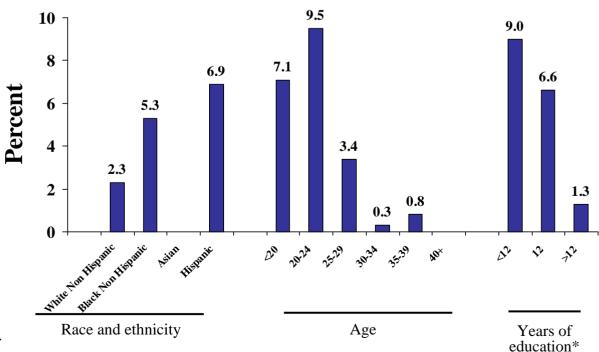
PHYSICAL ABUSE BEFORE PREGNANCY

Question 40b: During the *12 months* before you got pregnant, were you physically hurt in any way by your husband or partner?

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



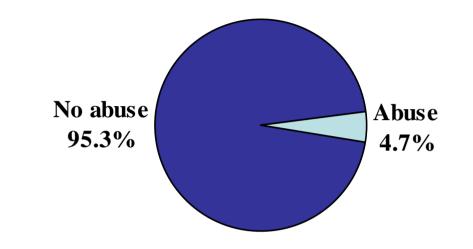
44

*Includes only mothers ages 20 and above.

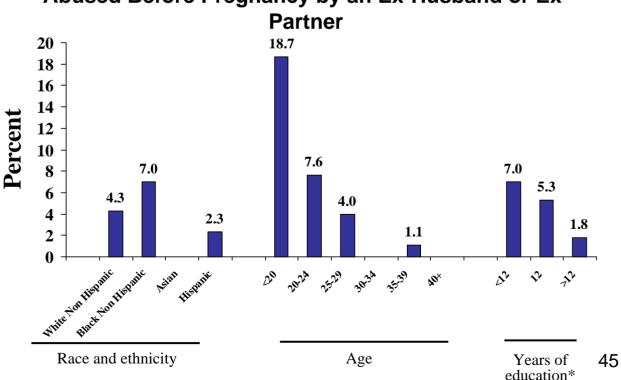
PHYSICAL ABUSE BEFORE PREGNANCY

Question 40a: During the *12 months before* you got pregnant, did an ex-husband or ex-partner push, hit, slap, kick, choke, or physically hurt you in any other way?

Distribution of Mothers by Abuse Before Pregnancy by Ex-Husband or Ex-Partner



Percentage of Mothers Who Reported Being Physically Abused Before Pregnancy by an Ex-Husband or Ex-

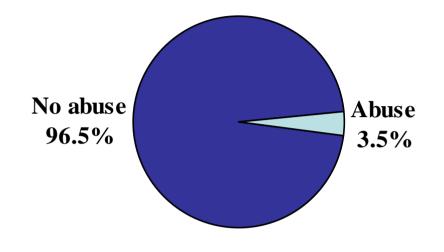


*Includes only mothers ages 20 and above.

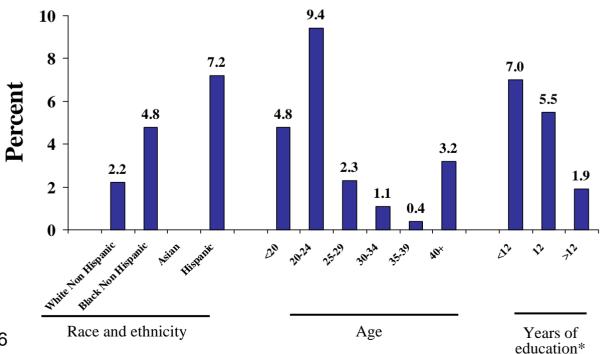
PHYSICAL ABUSE DURING PREGNANCY

Question 41b: During your most recent pregnancy, were you physically hurt in any way by your husband or partner?

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



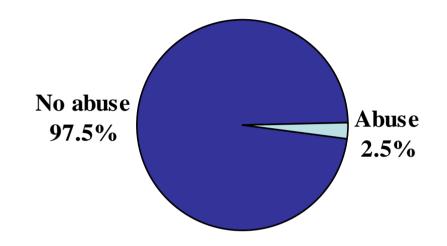
46

*Includes only mothers ages 20 and above.

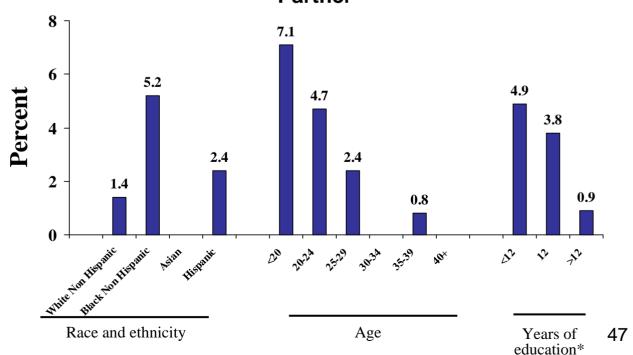
PHYSICAL ABUSE DURING PREGNANCY

Question 41a: During your most recent pregnancy, did your ex-husband or ex-partner push, hit, slap, kick, choke, or physically hurt you in any other way?

Distribution of Mothers by Abuse During Pregnancy by Ex-Husband or Ex-Partner



Percentage of Mothers Who Reported Being Physically Abused During Pregnancy by an Ex-Husband or Ex-Partner



*Includes only mothers ages 20 and above.





"My daughter only lived for 1 day and I got a lot of support while I was in the hospital, but after you leave there is no support or follow up. People grieving rarely seek help."

"I probably would not have made the decision to breastfeed without the education and encouragement I received from birthing classes my husband and I attended."

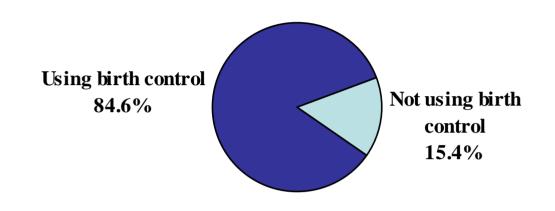
"I was taken by my family to the hospital after having my baby for depression so I think this should be a subject doctors need to discuss..."

PRAMS mothers

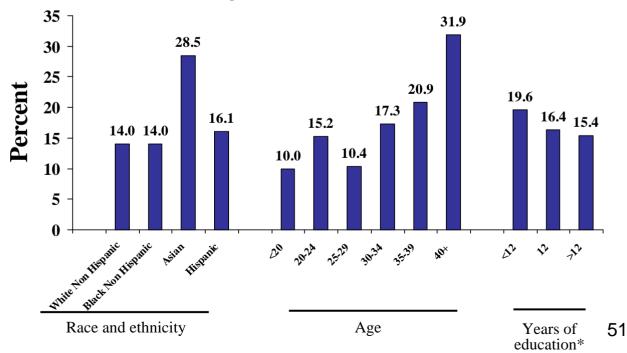
POSTPARTUM BIRTH CONTROL

Question 60: Are you or your husband or partner doing anything now to keep from getting pregnant?

Distribution of Mothers by Use of Postpartum Birth Control



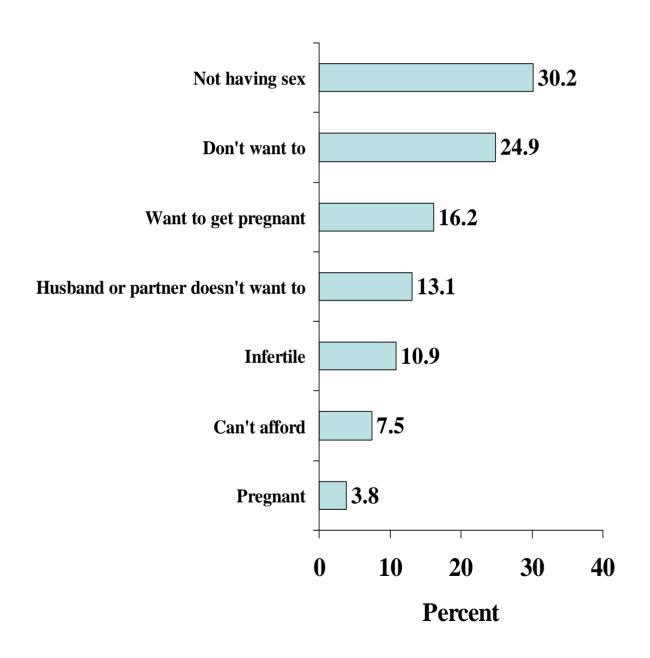
Percentage of Mothers Who Reported No Use of Postpartum Birth Control



REASONS FOR NO POSTPARTUM BIRTH CONTROL

Question 61: What are your or your husband's or partner's reasons for not doing anything to keep from getting pregnant *now*? Check all that apply.

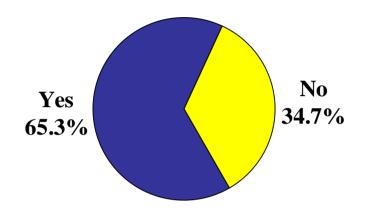
Reasons Reported for Not Using Postpartum Birth Control



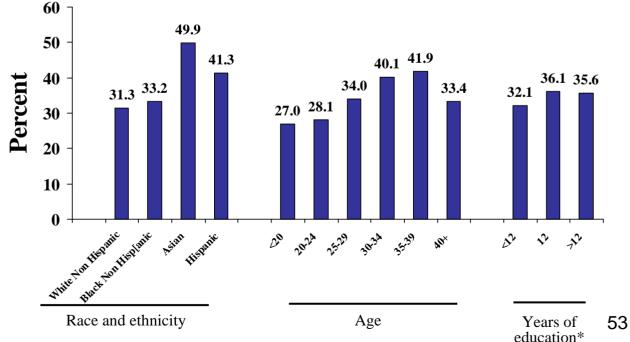
POSTPARTUM DEPRESSION DISCUSSED

Question 70: At any time during your most recent pregnancy or after delivery, did a doctor, nurse, or other health care worker talk with you about "baby blues" or postpartum depression?



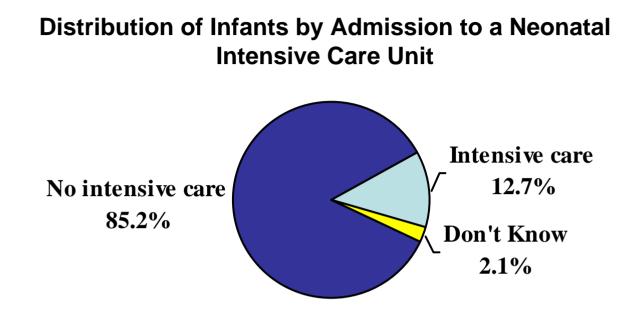


Percentage of Mothers Who Reported that Postpartum Depression was Not Discussed with Health Care Provider

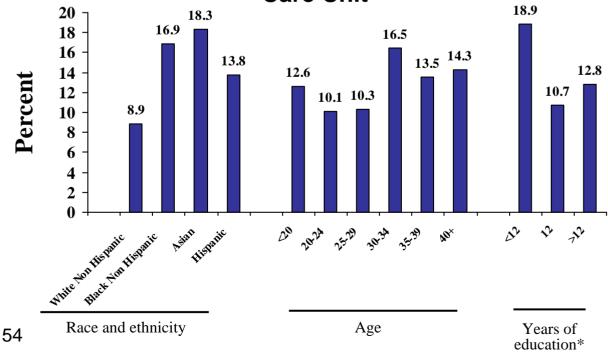


NEONATAL INTENSIVE CARE

Question 48: After your baby was born, was he or she put in an intensive care unit?



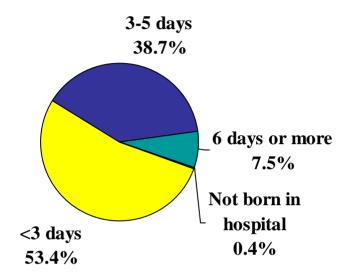
Percentage of Mothers Who Reported Their Newborn was Admitted to the Neonatal Intensive Care Unit



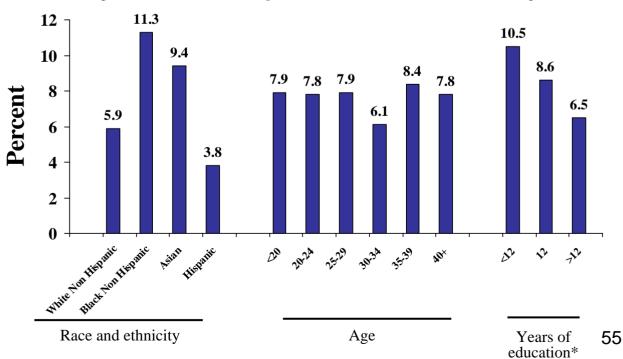
LENGTH OF HOSPITAL STAY--NEWBORN

Question 49: After your baby was born, how long did he or she stay in the hospital?

Distribution of Infants by Length of Hospital Stay



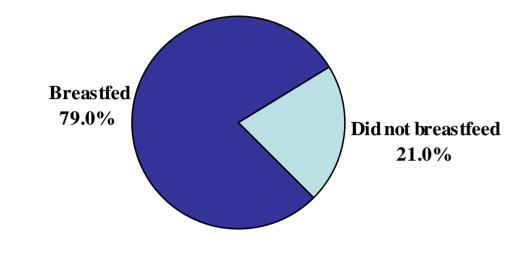
Percentage of Mothers Who Reported that Newborn Stayed in the Hospital for Six or More Days



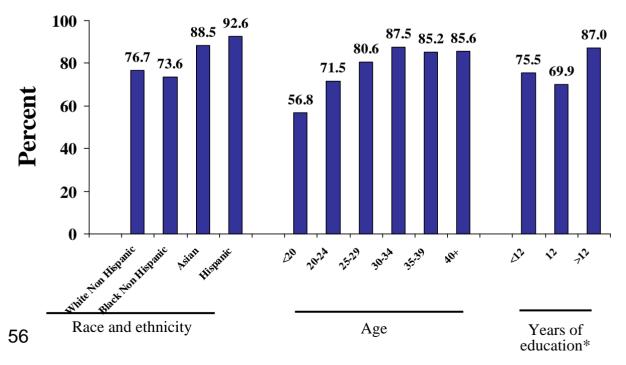
BREASTFEEDING INITIATION

Question 52: Did you ever breastfeed or pump breast milk to feed your new baby after delivery?

Distribution of Mothers by Breastfeeding Status



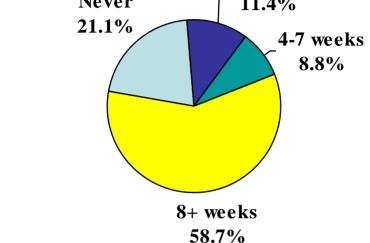
Percentage of Mothers Who Reported Ever Breastfeeding Their Infant



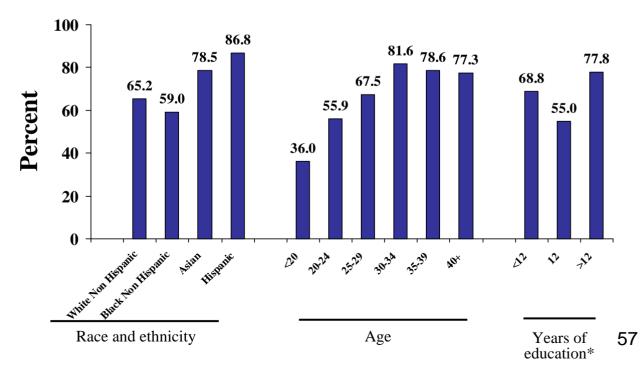
BREASTFEEDING

Question 54: 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 <4 weeks Never 11.4%



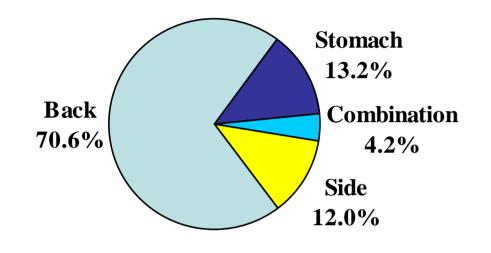
Percentage of Mothers Who Reported Breastfeeding for Four or More Weeks



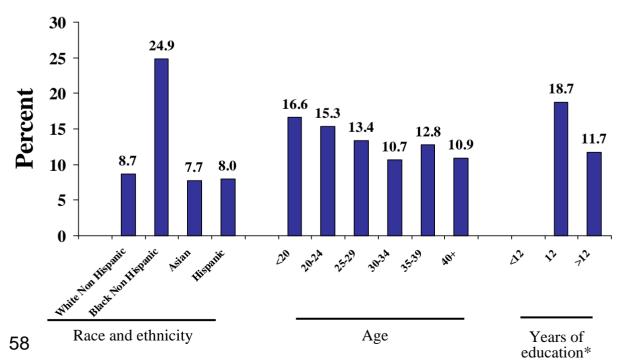
SLEEP POSITION

Question 57: How do you *most often* lay your baby down to sleep now?

Distribution of Infants by Sleep Position

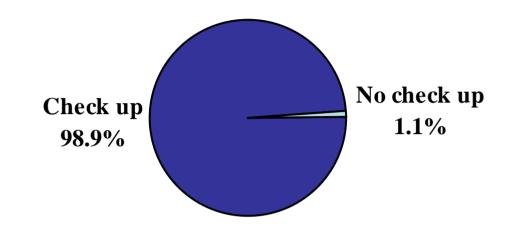


Percentage of Infants Usually Placed on Stomach to Sleep

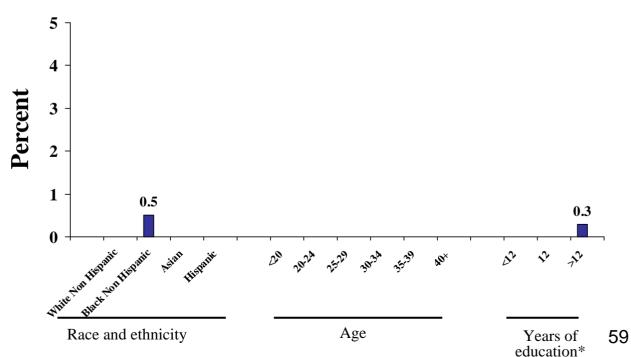


*Includes only mothers ages 20 and above.

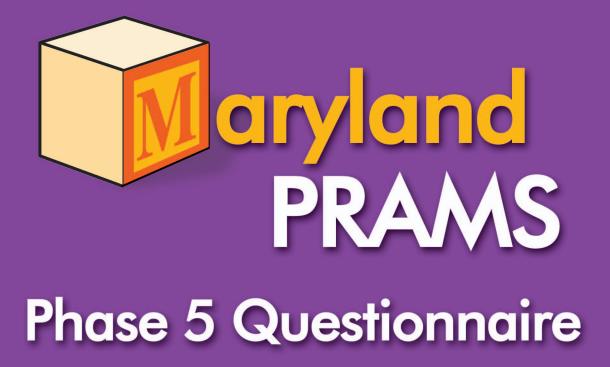
Distribution of Births by Well-Baby Checkup







*Includes only mothers ages 20 and above.





"I just wanted to comment how happy I am to see that there's a PRAMS! The health of mothers and babies should be evaluated."

PRAMS mother

First, we would like to ask a few questions about you and the time before you got pregnant with your new baby. Please check the box next to your answer.

- Just before you got pregnant, did you have health insurance? Do not count Medicaid.
 - 🛛 No
 - Yes

2. Just before you got pregnant, were you on Medicaid?

- Yes
- 3. During the *month before* you got pregnant with your new baby, how many times a week did you take a multivitamin or a prenatal vitamin? These are pills that contain many different vitamins and minerals.
 - I didn't take a multivitamin or a prenatal vitamin at all
 - □ 1 to 3 times a week
 - 4 to 6 times a week
 - Every day of the week

4. What is your date of birth?

Month

19 Day Year

5. Just before you got pregnant with your new baby, how much did you weigh?

Pounds OR _____ Kilos

6.	How tall are you without shoes?		
	Feet Inches		
	OR Centimeters		
7.	During the 3 months before you got pregnant with your new baby, did you have any of the following health problems? For each one, circle Y (Yes) if you had the problem or circle N (No) if you did not.		
b. c. d.	NoYesAsthmaNYHigh blood pressure(hypertension)NYHigh blood sugar (diabetes)NYAnemia (poor blood, low iron)NYHeart problemsNY		
8.	<i>Before</i> you got pregnant with your new baby, did you ever have any other babies who were born alive?		
	 □ No → Go to Page 2, Question 11 □ Yes 		
9.	Did the baby born <i>just before</i> your new one weigh 5 pounds, 8 ounces (2.5 kilos) <i>or less</i> at birth?		
	NoYes		
10.	Was the baby <i>just before</i> your new one born <i>more</i> than 3 weeks before its due		

🗋 No

date?

🗋 Yes

11. How old were you when you had your first menstrual period?	15. When you got pregnant with your new baby, were you or your husband or partner doing anything to keep from getting pregnant? (Some things people do to keep from getting pregnant include not having sex at certain times [rhythm] or withdrawal, and using birth control methods such as the pill, condoms, exprine time time time to be the time to be a time.	
Years old		
12. How old were you when you got pregnant with your first baby?		
Years old	cervical ring, IUD, having their tubes tied or their partner having a vasectomy.)	
The next questions are about the time when you got pregnant with your <i>new</i>	 ❑ No ❑ Yes → Go to Question 19 	
baby.	16. What were your or your husband's or partner's reasons for not doing anything to keep from getting pregnant?	
 Thinking back to <i>just before</i> you got pregnant with your <i>new</i> baby, how did 	Check <u>all</u> that apply	
you feel about becoming pregnant? Check <u>one</u> answer	 I didn't mind if I got pregnant I thought I could not get pregnant at 	
 I wanted to be pregnant sooner I wanted to be pregnant later 	 I had side effects from the birth control method I was using 	
 I wanted to be pregnant inter I wanted to be pregnant then I didn't want to be pregnant then 	 I had problems getting birth control when I needed it 	
or at any time in the future	I thought my husband or partner or I was sterile (could not get pregnant at	
14. When you got pregnant with your new baby, were you trying to get pregnant?	all) My husband or partner didn't want to	
 □ No □ Yes → Go to Question 17 	use anything Other	

17. Did you receive treatment from a doctor, The next questions are about the nurse, or other health care worker to help prenatal care you received during your you get pregnant with your new baby? most recent pregnancy. Prenatal care (This may include infertility treatments includes visits to a doctor, nurse, or such as fertility-enhancing drugs or other health care worker before your assisted reproductive technology.) baby was born to get checkups and Go to Question 19 🗋 Noadvice about pregnancy. (It may help to Yes look at the calendar when you answer these questions.) 18. Did you use any of the following treatments during the month you got 19. How many weeks or months pregnant pregnant with your new baby? were you when you were sure you were Check all that apply pregnant? (For example, you had a pregnancy test or a doctor or nurse said Fertility-enhancing drugs prescribed you were pregnant.) by a doctor (fertility drugs include Clomid[®], Serophene[®], Pergonal[®], or other drugs that stimulate ovulation) Weeks OR _____ Months Artificial insemination or intrauterine I don't remember insemination (treatments in which sperm, but NOT eggs, were collected 20. How many weeks or months pregnant and medically placed into a woman's were you when you had your first visit body) for prenatal care? Do not count a visit Assisted reproductive technology that was only for a pregnancy test or only (treatments in which BOTH a for WIC (the Special Supplemental woman's eggs and a man's sperm Nutrition Program for Women, Infants, were handled in the laboratory, such and Children). as in vitro fertilization [IVF], gamete intrafallopian transfer [GIFT], zygote intrafallopian transfer [ZIFT], Weeks OR _____ Months intracytoplasmic sperm injection I didn't go for prenatal care [ICSI], frozen embryo transfer, or donor embryo transfer) Other medical treatment 21. Did you get prenatal care as early in your ➤ Please tell us: pregnancy as you wanted? No Yes I didn't want prenatal Go to Page 4, Question 23 care 🔶

22. Here is a list of problems some women can have getting prenatal care. For each item, circle Y (Yes) if it was a problem for you during your most recent pregnancy or circle N (No) if it was not a problem or did not apply to you.

		No	Yes
a.	I couldn't get an appointment		
	when I wanted one	. N	Υ
b.	I didn't have enough money or		
	insurance to pay for my visits	. N	Υ
c.	I had no way to get to the clinic		
	or doctor's office	. N	Υ
d.	I couldn't take time off from		
	work	. N	Υ
e.	The doctor or my health plan		
	would not start care as early as		
	I wanted	. N	Υ
f.	I didn't have my Medicaid		
	card	. N	Υ
g.	I had no one to take care of my		
	children	. N	Υ
h.	I had too many other things		
	going on.	. N	Υ
i.	I didn't want anyone to know		
	I was pregnant		Y
j.	Other	. N	Υ
	Please tell us:		

If you did not go for prenatal care, go to Question 25.

23. How was your prenatal care paid for?

Check <u>all</u> that apply

- Medicaid
- Personal income (cash, check, or credit card)
- Health insurance or HMO (including insurance from your work or your husband's work)
- □ Other → Please tell us:

24. During any of your prenatal care visits, did a doctor, nurse, or other health care worker talk with you about any of the things listed below? Please count only discussions, not reading materials or videos. For each item, circle Y (Yes) if someone talked with you about it or circle N (No) if no one talked with you about it.

	No	Yes
a.	How smoking during	
	pregnancy could affect	
	my babyN	Υ
b.	Breastfeeding my babyN	Y
c.	How drinking alcohol	
	during pregnancy could affect	
	my baby N	Y
d.	Using a seat belt during my	
	pregnancy N	Y
e.	Birth control methods to use	
	after my pregnancy N	Y
f.	Medicines that are safe to take	
	during my pregnancy N	Y
g.	How using illegal drugs could	
	affect my babyN	Y
h.	Doing tests to screen for birth	
	defects or diseases that run in	
	my familyN	Y
i.	What to do if my labor starts	
	earlyN	Y
j.	Getting tested for HIV	
-	(the virus that causes AIDS)N	Y
k.	Physical abuse to women by	
	their husbands or partners N	Y

- 25. At any time during your most recent pregnancy or delivery, did you have a test for HIV (the virus that causes AIDS)?
 - □ No
 □ Yes → Go to Question 27
 □ I don't know
- 26. Had you been tested for HIV *before* this pregnancy?
 - 🛛 No
 - □ Yes
 - I don't know

The next questions are about your most recent pregnancy and things that might have happened during your pregnancy.

- 27. During your most recent pregnancy, were you on WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)?
 - No
 - Yes

28.	Did you have any of these problems during your most recent pregnancy? each item, circle Y (Yes) if you had the problem or circle N (No) if you did no		29.]] (
	No	Yes		
a.	High blood sugar (diabetes) that	100	a.]
b.	started <i>before</i> this pregnancyN High blood sugar (diabetes) that	Y		1
0.	started <i>during</i> this pregnancyN	Y	b.	1
c.	Vaginal bleedingN	Υ		5
d.	Kidney or bladder (urinary		с.	1
	tract) infectionN	Υ		ŝ
e.	Severe nausea, vomiting, or		d.]
	dehydrationN	Υ		1
f.	Cervix had to be sewn shut			(
	(incompetent cervix) N	Y		
g.	High blood pressure, hypertension		The	e
	(including pregnancy-induced		cig	a
	hypertension [PIH]), preeclampsia,	Y	Ŭ	
1.	or toxemiaN	r	30.	1
h.	Problems with the placenta		50.	-
	(such as abruptio placentae or placenta previa)N	Y		
i.	Labor pains more than 3 weeks	1		
1.	before my baby was due			(
	(preterm or early labor)N	Υ		(
j.	Water broke more than 3 weeks	-		
,	before my baby was due		31.]
	(premature rupture of]
	membranes [PROM])N	Υ		
k.	I had to have a blood			ſ
	transfusionN	Υ		[
1.	I was hurt in a car accident N	Υ		[
				[

If you did not have any of these problems, go to Question 30.

Did you do any of the following things because of these problems? For each item, circle Y (Yes) if you did that thing or circle N (No) if you did not. No Yes I went to the hospital or emergency room and stayed less than 1 dayN Υ I went to the hospital and stayed 1 to 7 days. N Υ I went to the hospital and stayed more than 7 daysN Υ I stayed in bed at home more than 2 days because of my doctor's or nurse's advice.....N Y e next questions are about smoking arettes and drinking alcohol.

30. Have you smoked at least 100 cigarettes in the *past 2 years?* (A pack has 20 cigarettes.)

🛛 No —	>	Go to Question 34
Yes	l	

- 31. 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
 - None (0 cigarettes)

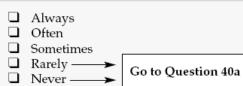
32. In the <i>last 3 months</i> of your pregnancy, how many cigarettes did you smoke on an average day? (A pack has 20 cigarettes.)	35b. During the <i>3 months before</i> you got pregnant, how many times did you drink 5 alcoholic drinks or more in one sitting?
 41 cigarettes or more 21 to 40 cigarettes 11 to 20 cigarettes 6 to 10 cigarettes 1 to 5 cigarettes Less than 1 cigarette None (0 cigarettes) 	 6 or more times 4 to 5 times 2 to 3 times 1 time I didn't have 5 drinks or more in 1 sitting I didn't drink then
33. How many cigarettes do you smoke on an average day now? (A pack has 20 cigarettes.)	36a. During the <i>last 3 months</i> of your pregnancy, how many alcoholic drinks did you have in an average week?
 41 cigarettes or more 21 to 40 cigarettes 11 to 20 cigarettes 6 to 10 cigarettes 1 to 5 cigarettes Less than 1 cigarette None (0 cigarettes) 	 14 drinks or more a week 7 to 13 drinks a week 4 to 6 drinks a week 1 to 3 drinks a week Less than 1 drink a week I didn't drink then
34. 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	36b. During the <i>last 3 months</i> of your pregnancy, how many times did you drink 5 alcoholic drinks or more in one sitting?
 liquor, or mixed drink.) □ No → Go to Page 8, Question 37 □ Yes 35a. During the 3 months before you got pregnant, how many alcoholic drinks did you have in an average week? 	 6 or more times 4 to 5 times 2 to 3 times 1 time I didn't have 5 drinks or more in 1 sitting I didn't drink then
 14 drinks or more a week 7 to 13 drinks a week 4 to 6 drinks a week 1 to 3 drinks a week Less than 1 drink a week I didn't drink then 	

Pregnancy can be a difficult time for some women. These next questions are about things that may have happened before and during your most recent pregnancy.

37. This question is about things that may have happened during the 12 months before your new baby was born. For each item, circle Y (Yes) if it happened to you or circle N (No) if it did not. (It may help to use the calendar.)

		No	Yes
a.	A close family member was		
	very sick and had to go into		
	the hospital	. N	Υ
b.	I got separated or divorced		
	from my husband or partner	. N	Υ
c.	I moved to a new address	. N	Υ
d.	I was homeless	. N	Υ
e.	My husband or partner lost		
	his job	. N	Υ
f.	I lost my job even though I		
	wanted to go on working	. N	Υ
g.	I argued with my husband		
0	or partner more than usual	. N	Υ
h.	My husband or partner said		
	he didn't want me to be		
	pregnant	. N	Υ
i.	I had a lot of bills I couldn't		
	pay	. N	Υ
j.	I was in a physical fight	. N	Υ
k.	My husband or partner or I		
	went to jail	. N	Υ
1.	Someone very close to me had		
	a bad problem with drinking		
	or drugs	. N	Υ
m.	Someone very close to		
	me died	. N	Υ

38. During the 12 months before your new baby was born, how often did you feel unsafe in the neighborhood where you lived?



39. During the 12 months before your new baby was born, did you do any of the following things because you felt it was unsafe to leave or return to the neighborhood where you lived? For each item, circle Y (Yes) if you did it or circle N (No) if you did not.

No Yes

a.	I missed doctor or other	
	appointmentsN	Υ
b.	I limited grocery or other	
	shopping N	Υ
c.	I stayed with other family	
	members or friends N	Υ

The next questions are about the time during the 12 *months before* you got pregnant with your new baby.

- 40a. During the 12 months before you got pregnant, did an ex-husband or expartner push, hit, slap, kick, choke, or physically hurt you in any other way?
 - No
 - Yes

43. When did you go into the hospital to have your baby?
Month Day Year
my baby in a hospital ————————————————————————————————————
44. After you were <i>admitted</i> to the hospital to deliver your new baby, were you transferred to another hospital <i>before</i> your baby was born?
□ No □ Yes
45. When was your baby born?
Month Day Year
46. When were you discharged from the hospital after your baby was born? (It may help to use the calendar.)
Month Day Year
I didn't have my baby in a hospital

47. How was your delivery paid for?	51. Is your baby living with you now?
Check <u>all</u> that apply	□ No → Go to Question 60
Medicaid	☐ Yes
 Personal income (cash, check, or credit card) 	52. Did you ever breastfeed or pump breast
 Health insurance or HMO (including insurance from your work or your 	milk to feed your new baby after delivery?
husband's work) □ Other —→ Please tell us:	□ No → Go to Question 56
	53. Are you still breastfeeding or feeding pumped milk to your new baby?
The next questions are about the time	D No
since your new baby was born.	Go to Question 55
48. After your baby was born, was he or she put in an intensive care unit?	54. How many weeks or months did you breastfeed or pump milk to feed your baby?
 Yes I don't know 	Weeks OR Months
	Less than 1 week
49. After your baby was born, how long did he or she stay in the hospital?	55. How old was your baby the first time
 Less than 24 hours (less than 1 day) 24 to 48 hours (1 to 2 days) 3 days 4 days 	55. How old was your baby the first time you fed him or her anything besides breast milk? Include formula, baby food, juice, cow's milk, water, sugar water, or anything else you fed your baby.
5 days6 days or more	Weeks OR Months
 My baby was not born in a hospital My baby is still in the hospital> Go to Question 52 	 My baby was less than 1 week old I have not fed my baby anything besides breast milk
50. Is your baby alive now?	If your baby is still in the hospital, go to
□ No → Go to Question 60	Question 60.
Yes	

56.	About how many hours a day, on average, is your new baby in the same room with someone who is smoking? Hours Less than 1 hour a day My baby is never in the same room with someone who is smoking	60.	Are you or your husband or partner doing anything <i>now</i> to keep from getting pregnant? (Some things people do to keep from getting pregnant include not having sex at certain times [rhythm] or withdrawal, and using birth control methods such as the pill, condoms, cervical ring, IUD, having their tubes tied, or their partner having a vasectomy.)
57.	How do you <i>most often</i> lay your baby down to sleep now? Check <u>one</u> answer	61.	 □ No □ Yes → Go to Page 12, Question 62 What are your or your husband's or
	 On his or her side On his or her back On his or her stomach 		partner's reasons for not doing anything to keep from getting pregnant <i>now</i> ? Check <u>all</u> that apply
58.	Was your new baby seen by a doctor, nurse, or other health care worker during the first week after he or she left the hospital?		 I am not having sex I want to get pregnant I don't want to use birth control My husband or partner doesn't want to use anything
	NoYes		 I don't think I can get pregnant (sterile) I can't pay for birth control
59.	Has your new baby had a well-baby checkup? (A well-baby checkup is a regular health visit for your baby usually at 2, 4, or 6 months of age.)		 I am pregnant now Other> Please tell us:
	 No Yes 		

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

62. During the 12 months before your new baby was born, what were the sources of your household's income?

Check all that apply

- Paycheck or money from a job
- Money from family or friends
- Money from a business, fees, dividends, or rental income

Aid such as Temporary Assistance for Needy Families (TANF), welfare, WIC, public assistance, general assistance, food stamps, or Supplemental Security Income

- Unemployment benefits
- Child support or alimony
 Social security, workers' compensation, disability, veteran
- benefits, or pensions
- □ Other → Please tell us:

63. During the 12 months before your new baby was born, what was your total household income before taxes? Include your income, your husband's or partner's income, and any other income you may have used. (All information will be kept private and will not affect any services you are now getting.)

Check one answer

- Less than \$10,000
- □ \$10,000 to \$14,999
- \$15,000 to \$19,999
- □ \$20,000 to \$24,999
- □ \$25,000 to \$34,999
- □ \$35,000 to \$49,999
- □ \$50,000 or more
- 64. During the 12 months before your new baby was born, how many people, including yourself, depended on this income?

___ People

65. During the 12 months before you got pregnant with your new baby, did you have a miscarriage, fetal death (baby died before being born), or stillbirth?

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□ No ____ Go to Question 67
□ Yes
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If you had more than one miscarriage, fetal death, or stillbirth during the 12 months before you got pregnant with your new baby, please answer the next question for the most recent one.

66. How long did that pregnancy last?

- Less than 20 weeks (less than 4 months)
- 20 to 28 weeks (4 to 6 months)
- More than 28 weeks (more than 6 months)

On the last few pages, there are questions on a variety of topics. Your answers should be for your most recent birth and the pregnancy leading up to that birth.

- 67. During the 3 months before you got pregnant with your new baby, how often did you participate in any physical activities or exercise for 30 minutes or more? (For example, walking for exercise, swimming, cycling, dancing, or gardening.) Do not count exercise you may have done as part of your regular job.
 - Less than 1 day per week
 - □ 1 to 4 days per week
 - □ 5 or more days per week
- 68. During your most recent pregnancy, did a doctor, nurse, or other health care worker tell you that you had a urinary tract infection (UTI), a sexually transmitted disease (STD), or any vaginal infection, including bacterial vaginosis or Group B Strep (Beta Strep)?
 - NoYes

- 69. At any time during your most recent pregnancy, did you seek help for depression from a doctor, nurse, or other health care worker?
 - No
 - Yes
- 70. At any time during your most recent pregnancy or after delivery, did a doctor, nurse, or other health care worker talk with you about "baby blues" or postpartum depression?
 - 🛛 No
 - Yes
- 71a. Since your new baby was born, how often have you felt down, depressed, or hopeless?
 - Always
 - Often
 - Sometimes
 - Rarely
 - Never
- 71b. Since your new baby was born, how often have you had little interest or little pleasure in doing things?
 - □ Always
 - Often
 - Sometimes
 - Rarely
 - Never
- 72. Since your new baby was born, did you seek help for depression from a doctor, nurse, or other health care worker?
 - No
 - Yes

73.	This question is about things that machave happened during your most record pregnancy. For each thing, circle Y (Ye it happened to you or circle N (No) if it did not.	ent es) if	75. When did you have your teeth by a dentist or dental hygienis of the three time periods, circle you had your teeth cleaned the N (No) if you did not have you cleaned then.			enist? For cle Y (Yes) then or cir	each if	
	During your most recent pregnancy-	-					No	Yes
a.	Your husband or partner threatened you or made you	Yes	b. I	oregnanc During m	y most rece y ıy most rec	ent		Y
b.	feel unsafe in some wayN You were frightened for the safety of yourself or your family	Ŷ	с. <i>1</i>	After my	y most recer y	nt		Y Y
	because of the anger or threats of your husband or partnerN	Y	76 1	AThat is t	a darr'a dat	~?		
c.	Your husband or partner tried to control your daily activities, for example, controlling who you could talk to or where you			/onth	oday's date Day	Year		
d.	could goN Your husband or partner forced you to take part in any sexual activity when you did not want to (including touch that made you uncomfortable)N	Y Y	I	Tortal	Day	icai		
74.	This question is about the care of you teeth during your most recent pregna For each item, circle Y (Yes) if it is true circle N (No) if it is not true.	ncy.						
		Yes						
a.	I needed to see a dentist for a problemN	Y						
b.	I went to a dentist or dental clinicN	Y						
c.	A dental or other health care worker talked with me about how to care for my teeth	-						
	and gumsN	Y						

Please use this space for any additional comments you would like to make about 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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