

# ***Recruitment Strategy Substudy***

## ***Pregnancy Screener***

DRAFT: for planning purposes only

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NOTE: Questionnaire and other required text is shown in regular font. Interviewer instructions and text not to be read to participants is shown in ALL CAPS. Introductory text that may or may not be appropriate for all recruitment schemas is shaded. Variable names are shown in **BOLD CAPS**.

## DOCUMENT HISTORY

DATE	VERSION	SUMMARY OF CHANGE/MILESTONE
5/7/2010	20100510	GRABER AND J. PARK ADJUDICATION  MARSTAT VAR CONSISTENT WITH VAR USED IN ORIGINAL VANGUARD STUDY; EMPLOYMENT VAR RETAINED AND PROPOSED FOR UPDATE TO PREGNANCY INTERVIEWS FOR INTERNAL CONSISTENCY
5/12/2010	20100512	Correction to dk/ref categories in Final Interviewer-Completed Questions (GRABER)
5/24/2010	20100524	Reconcile with other documents for format and sourcing
5/25/2010	20100525	COMMENTS FROM SLUTSMAN/IRB TEAM
5/26/2010	20100526	GRABER AND J. PARK ADJUDICATION OF COMMENT FROM SLUTSMAN/IRB TEAM
5/27/2010	20100527	INCORPORATE EDITS FROM IRB TEAM
5/28/2010	20100527	RECONCILE COMMENTS
6/1/2010	20100527	Graber comments
6/2/2010	20100602	COMMENTS FROM GRABER, BRENNER, SLUTSMAN, J. PARK, SCHOENDORF, HIRSCHFELD  - CHANGE ELIGIBILITY-RELATED ITEMS – HIGHLIGHTED – TO BE CORRECTED
6/7/2010	20100607	INCORPORATE COMMENTS FROM J. PARK
6/7/2010	20100607a	INCORPORATE EDITS FROM J. SLUTSMAN
		<i>INFORMAL SUBMISSION TO OMB</i>
		<i>INCORPORATE COMMENTS FROM OMB</i>
		<i>RECONCILE WITH DATA ELEMENTS TABLES</i>
		<i>FORMAL SUBMISSION TO OMB</i>
		<i>INCORPORATE COMMENTS FROM OMB</i>
		<i>SUBMIT TO NICHD IRB</i>

		<i>RECONCILE WITH DATA ELEMENTS TABLES</i>
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**NOTE:** *Italics denote anticipated development stages*

**CAPI or CATI**

**VERBAL CONSENT TO SCREENING FOR STUDY ELIGIBILITY**

IC001. TO BE READ TO ELIGIBLE FEMALES WHO WERE NOT ALREADY CONSENTED AS PART OF A HOUSEHOLD ENUMERATION OR SOME OTHER STUDY ELEMENT.

IC002. Hello, I'm [DATA COLLECTOR'S NAME] from [LOCAL STUDY AFFILIATE].  
INTERVIEWER INSTRUCTION: SHOW ID BADGE.

IC003. IF LOCATING PREVIOUSLY IDENTIFIED ELIGIBLE FEMALE FOR SCREENING:  
THEN..... (IC004)  
ELSE..... (IC007)

IC004. IF ELIGIBLE FEMALE IS AN ADULT (AT LEAST THE AGE OF MAJORITY): (IC005)

IC005. Is [ELIGIBLE FEMALE'S NAME] available?

IC007. We're conducting an important research study called the National Children's Study with the [NAME OF LOCAL ACADEMIC INSTITUTION]. You may have gotten a letter and brochure from us about it.

IC008. INTERVIEWER INSTRUCTION: HAND LETTER AND BROCHURE TO RESPONDENT.

The purpose of the study is to improve the health and well being of children.

IC009. INTERVIEWER INSTRUCTION: IF ADDITIONAL INFORMATION IS NEEDED, SAY:  
As the letter says, the information we get from those who take part in the study may help us learn information that will improve our children's health for years to come. Your household is in one of the areas that have been chosen for the study.

IC010. IF ELIGIBLE FEMALE IS AN ADULT (AT LEAST THE AGE OF MAJORITY): (IC011)

IC011. We are speaking with women ages [LOCAL AGE OF MAJORITY] to 49.

IC013. I only need a few minutes of your time. Can I ask you some questions to determine if you might be eligible to participate in the Study? You can skip over any question I ask or you can stop the interview at any time. The Information we collect from you is protected by law and we will keep all of it private.

IF ADDITIONAL INFORMATION IS NEEDED, SAY

IC014. You may be receiving government benefits, such as Social Security or Medicaid. Nothing will happen to those benefits if you decide to take part or not take part in this study.

IC015. INTERVIEWER INSTRUCTION: CONTINUE UNLESS RESPONDENT ASKS QUESTIONS OR REFUSES TO PARTICIPATE. IF RESPONDENT REFUSES, DISPOSITION CONTACT AS A REFUSAL AND COMPLETE A NON-INTERVIEW REPORT.

### ELIGIBILITY QUESTIONS

EL001. INTERVIEWER INSTRUCTION: THESE QUESTIONS ARE TO BE ADMINISTERED TO AN ADULT, AT LOCAL AGE OF MAJORITY OR OLDER.

EL002. (TIME\_STAMP\_1) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

EL003. (PERSON\_DOB) I'll begin by asking some general questions. What is your date of birth?

MONTH: |\_\_| |\_\_|  
          M M  
DAY:    |\_\_| |\_\_|  
          D D  
YEAR:   |\_\_| |\_\_| |\_\_| |\_\_|  
          Y Y Y Y

REFUSED .....(EL004) (AGE)  
DON'T KNOW .....(EL004) (AGE)

---

PROGRAMMER INSTRUCTION:

- INCLUDE A SOFT EDIT/WARNING IF CALCULATED AGE IS LESS THAN LOCAL AGE OF MAJORITY OR GREATER THAN 50
  - FORMAT PERSON\_DOB AS YYYYMMDD
  - CALCULATE AGE AND AGE\_RANGE BASED ON RESPONSE; SKIP TO (EL007)
  - IF ONLY MONTH AND YEAR ARE PROVIDED, CALCULATE AGE AND SKIP TO (EL007)
-

EL004. **(AGE)** How old {are you/is [NAME]}?

ENTER AGE AT LAST BIRTHDAY IN YEARS

|\_|\_|.....(EL007)  
AGE

REFUSED .....(EL005) **(AGE\_RANGE)**

DON'T KNOW .....(EL005) **(AGE\_RANGE)**

PROGRAMMER INSTRUCTION: INCLUDE A SOFT EDIT/WARNING IF AGE ENTERED IS LESS THAN LOCAL AGE OF MAJORITY OR GREATER THAN 50; CALCULATE AGE\_RANGE BASED ON RESPONSE

EL005. **(AGE\_RANGE)** INTERVIEWER INSTRUCTION: DESCRIBE HOW THE ANSWER TO THIS QUESTION DETERMINES HER ELIGIBILITY AND THAT ALL DATA ARE KEPT CONFIDENTIAL AND SECURE.

Which range best describes your age? Would you say...

- Less than 18.....(EL007) **(PS\_STATUS\_1)**
- 18-24.....(EL007) **(PS\_STATUS\_1)**
- 25-34.....(EL007) **(PS\_STATUS\_1)**
- 35-44.....(EL007) **(PS\_STATUS\_1)**
- 45-49.....(EL007) **(PS\_STATUS\_1)**
- 50-64.....(EL007) **(PS\_STATUS\_1)**
- 65 or older.....(EL007) **(PS\_STATUS\_1)**
- REFUSED ..... (EL006)
- DON'T KNOW..... (EL006)

EL006. {RESPONDENT REFUSES TO ANSWER}: DESCRIBE HOW HER ELIGIBILITY IS DETERMINED AND THAT ALL DATA ARE KEPT CONFIDENTIAL AND SECURE.

INTERVIEWER INSTRUCTIONS: IF RESPONDENT STILL REFUSES/DON'T KNOW:

- GO TO EL015 **(OWN\_HOME)**
- END THE INTERVIEW, THANKING THE RESPONDENT
- CODE AS A REFUSAL
- COMPLETE A NON-INTERVIEW REPORT
- COMPLETE INITIAL INTERVIEWER QUESTIONS STARTING AT (II001) **(TIME\_STAMP\_3)**
- COMPLETE FINAL INTERVIEWER QUESTIONS STARTING AT (FI001) **(TIME\_STAMP\_11)**

EL007. **(PS\_STATUS\_1)**. INTERVIEWER/PROGRAMMER INSTRUCTION: BASED ON REPORTED AGE OF RESPONDENT DETERMINE WHETHER SHE IS CONSIDERED

A MINOR BASED ON LOCAL REQUIREMENTS. IF RESPONDENT IS DETERMINED TO BE A MINOR, GO TO CS007.

R IS AN ADULT (AGE OF MAJORITY OR OLDER)..... (EL011)  
R IS A MINOR:.....(CS007)

EL010. INTERVIEWER INSTRUCTIONS:

- GO TO EL015 (**OWN\_HOME**)
- END THE INTERVIEW, THANKING THE RESPONDENT
- CODE AS A REFUSAL
- COMPLETE A NON-INTERVIEW REPORT
- COMPLETE FINAL INTERVIEWER QUESTIONS STARTING AT (FI001) (**TIME\_STAMP\_11**)

EL011. (**TIME\_STAMP\_2**) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

EL012. (**ADDRESS VARIABLES**) What is your address?

ADDRESS 1 (**ADDRESS\_1**)

- o STREET NUMBER
- o PRE-DIRECTIONAL
- o STREET NAME
- o STREET TYPE
- o POST DIRECTIONAL

ADDRESS 2 (**ADDRESS\_2**)

UNIT (**UNIT**)

- o UNIT TYPE
- o UNIT NUMBER

CITY (**CITY**)

STATE (**STATE**)

ZIP CODE (**ZIP**)

ZIP+4 (**ZIP4**).....(EL014) (**DU\_ELIG\_CONFIRM**)

REFUSED.....(EL013)

DON'T KNOW.....(EL013)

EL013. {RESPONDENT REFUSES/DON'T KNOW}: DESCRIBE HOW HER ELIGIBILITY IS DETERMINED BY HER RESIDENTIAL ADDRESS AND THAT ALL DATA ARE KEPT CONFIDENTIAL AND SECURE.

INTERVIEWER INSTRUCTIONS: IF RESPONDENT STILL REFUSES/DON'T KNOW:

- GO TO EL015 (**OWN\_HOME**)
- END THE INTERVIEW, THANKING THE RESPONDENT
- CODE AS A REFUSAL
- COMPLETE A NON-INTERVIEW REPORT
- COMPLETE FINAL INTERVIEWER QUESTIONS STARTING AT (FI001) (**TIME\_STAMP\_11**)

EL014. (**DU\_ELIG\_CONFIRM**) INTERVIEWER INSTRUCTION: THIS QUESTION IS USED TO CONFIRM ELIGIBILITY.

RESPONDENT LIVES IN AN ELIGIBLE DWELLING UNIT.....  
 .....(EL015) (**OWN\_HOME**)  
 RESPONDENT DOES NOT LIVE IN AN ELIGIBLE DWELLING UNIT.....  
 .....(CS001) (**TIME\_STAMP\_10**)

EL015. (**OWN\_HOME**) Is your home...

Owned or being bought by you or someone in your household.....(EL016)  
 Rented by you or someone in your household, or .....(EL016)  
 SOME OTHER ARRANGEMENT (**OWN\_HOME\_OTH**).....(EL016)  
 REFUSED.....(II001)  
 DON'T KNOW..... (II001)

EL016. (**OWN\_HOME\_OTH**)

SPECIFY \_\_\_\_\_.....(II001)  
 REFUSED.....(II001)  
 DON'T KNOW..... (II001)

**FAMILIARITY WITH THE NATIONAL CHILDREN'S STUDY**

FA001. (**TIME\_STAMP\_4**) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

FA002. (**KNOW\_NCS**) Before today, had you heard about the National Children's Study?  
 YES.....(FA003) (**HOW\_KNOW\_NCS**)  
 NO.....(PS001) (**TIME\_STAMP\_5**)  
 REFUSED.....(PS001) (**TIME\_STAMP\_5**)  
 DON'T KNOW .....(PS001) (**TIME\_STAMP\_5**)

FA003. (**HOW\_KNOW\_NCS**) How did you hear about the National Children's Study?

SELECT ALL THAT APPLY AND PROBE FOR ANY OTHER MEANS

ADVANCE LETTER MAILED BY NCS.....  
 HOUSEHOLD ENUMERATION.....  
 CONTINUOUS TRACKING OF DU – NEW MEMBER OF EXISTING HOUSEHOLD.....  
 CONTINUOUS TRACKING OF DU – NEW HOUSEHOLD.....  
 PRENATAL CARE PROVIDER.....  
 OTHER HEALTH CARE PROVIDER.....  
 OTHER NCS RESPONDENT.....  
 FRIEND.....  
 NEIGHBOR.....  
 FAMILY MEMBER.....  
 CO-WORKER.....  
 SELF/RESPONDENT REFERRAL.....



SCHOOL.....  
 WIC OR OTHER SOCIAL AGENCY.....  
 RELIGIOUS ORGANIZATION.....  
 COMMUNITY PARTNERS/OUTREACH EVENT.....  
 MEDIA: PRINT MEDIA.....  
 MEDIA: TV.....  
 MEDIA: RADIO.....  
 SOCIAL NETWORKING MEDIA (E.G., INTERNET, FACEBOOK, MYSPACE, BLOGS,  
 ETC.).....  
 OTHER (**HOW\_KNOW\_NCS\_OTH**) ..... (FA008)  
 REFUSED.....  
 DON'T KNOW.....  
 .....

FA008. (**HOW\_KNOW\_NCS\_OTH**)

SPECIFY \_\_\_\_\_  
 REFUSED.....  
 DON'T KNOW.....

**PREGNANCY SCREENER**

PS001. (**TIME\_STAMP\_5**) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

[IF SPEAKING TO AN ADULT ABOUT HER OWN PREGNANCY STATUS: (PS002)

PS002. We are asking women of childbearing age a few questions about pregnancy. Not all women who answer these questions will be able to take part in the National Children's Study now, but almost every woman who answers these questions will have a chance to take part in some way in the future. We first want to know....

PS004. (**PREGNANT**) IF ADULT IS KNOWN TO BE PREGNANT, ADD [Just to confirm,] {Are you pregnant now?

YES ..... (PS006) (**ORIG\_DUE\_DATE**)  
 NO ..... (PS005)  
 REFUSED ..... PS012 (**TIME\_STAMP\_6**)  
 DON'T KNOW..... PS012 (**TIME\_STAMP\_6**)

PS005. IF NO AND **AGE** < 50..... (PS012) (**TIME\_STAMP\_6**)  
 IF NO AND **AGE** ≥ 50..... (DE001) (**TIME\_STAMP\_7**); SET (**PPG\_FIRST**) = 5  
 IF RECENTLY LOST PREGNANCY (MISCARRIAGE/ABORTION).....  
 .....(DE001) (**TIME\_STAMP\_7**); SET (**PPG\_FIRST**) = 3  
 IF RECENTLY GAVE BIRTH.....(DE001) (**TIME\_STAMP\_7**); SET (**PPG\_FIRST**) = 4  
 IF UNABLE TO HAVE CHILDREN (HYSTERECTOMY, TUBAL LIGATION).....  
 .....(PS014) (**HYSTER**)

PS006. (**ORIG\_DUE\_DATE**) [Congratulations.] When is your baby due?

MONTH:

DAY:        M M  
              |\_|\_|  
              D D

YEAR:      |\_|\_|\_|\_|  
              Y Y Y Y

IF VALID RESPONSE PROVIDED.....(DE001)/(TIME\_STAMP\_7)  
REFUSED.....  
DON'T KNOW.....

INTERVIEWER INSTRUCTION:

- ENTER A TWO DIGIT MONTH, TWO DIGIT DAY, AND A FOUR DIGIT YEAR
- IF RESPONSE WAS DETERMINED TO BE INVALID, ASK QUESTION AGAIN AND PROBE FOR VALID RESPONSE

PROGRAMMER INSTRUCTIONS:

- CHECK REPORTED DUE DATE AGAINST CURRENT DATE; DISPLAY APPROPRIATE MESSAGE:
  - o IF DATE IS MORE THAN 9 MONTHS AFTER CURRENT DATE, DISPLAY INTERVIEWER INSTRUCTION: **“YOU HAVE ENTERED A DATE THAT IS MORE THAN 9 MONTHS FROM TODAY. RE-ENTER DATE.”**
  - o IF DATE IS MORE THAN 1 MONTH BEFORE CURRENT DATE, DISPLAY INTERVIEWER INSTRUCTION: **“YOU HAVE ENTERED A DATE THAT OCCURRED MORE THAN A MONTH BEFORE TODAY. RE-ENTER DATE.”**
  - o IF VALID DUE DATE WAS PROVIDED, SET (ORIG\_DUE\_DATE) = YYYYMMDD AS REPORTED ; GO TO (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 1
  - o IF NO VALID DATE IS GIVEN → GO TO PS008 (DATE\_PERIOD)
- ASK PS008 (DATE\_PERIOD) ONLY OF ADULT

PS008. (DATE\_PERIOD) What was the first day of your last menstrual period?

MONTH: |\_|\_|  
          M M

DAY:     |\_|\_|  
          D D

YEAR:    |\_|\_|\_|  
          Y Y Y Y

IF VALID RESPONSE PROVIDED.....(DE001)/(TIME\_STAMP\_7)  
REFUSED..... (PS009) (WEEKS\_PREG)  
DON'T KNOW.....(PS009) (WEEKS\_PREG)

INTERVIEWER INSTRUCTION:

- ENTER A TWO DIGIT MONTH, TWO DIGIT DAY, AND A FOUR DIGIT YEAR
- IF RESPONSE WAS DETERMINED TO BE INVALID, ASK QUESTION AGAIN AND PROBE FOR VALID RESPONSE

PROGRAMMER INSTRUCTIONS:

- CHECK REPORTED MENSTRUAL DATE AGAINST CURRENT DATE; DISPLAY APPROPRIATE MESSAGE:
  - o IF DATE IS MORE THAN 10 MONTHS BEFORE CURRENT DATE, DISPLAY INTERVIEWER INSTRUCTION: **“YOU HAVE ENTERED A DATE THAT IS MORE THAN 10 MONTHS BEFORE TODAY. CONFIRM DATE. IF DATE IS CORRECT, ENTER ‘DON’T KNOW’.”**
  - o IF DATE IS AFTER CURRENT DATE, DISPLAY INTERVIEWER INSTRUCTION: **“YOU HAVE ENTERED A DATE THAT HAS NOT OCCURRED YET. RE-ENTER DATE.”**
  - o IF VALID DATE WAS PROVIDED, CALCULATE DUE DATE FROM THE FIRST DATE OF LAST MENSTRUAL PERIOD AND SET **(ORIG\_DUE\_DATE)** (YYYYMMDD) = **(DATE\_PERIOD) + 280 DAYS**; GO TO **(DE001)/(TIME\_STAMP\_7)**; SET **(PPG\_FIRST) = 1**
  - o IF NO VALID DATE IS GIVEN → GO TO PS009 **(WEEKS\_PREG)**

PS009. **(WEEKS\_PREG)** How many weeks pregnant are you now? If you're not sure, please make you best guess.

\_\_\_\_\_  
NUMBER OF WEEKS

IF VALID RESPONSE PROVIDED.....(DE001)/(TIME\_STAMP\_7)  
REFUSED..... PS010 **(MONTH\_PREG)**  
DON'T KNOW.....PS010 **(MONTH\_PREG)**

INTERVIEWER INSTRUCTION:

- IF RESPONSE WAS DETERMINED TO BE INVALID, ASK QUESTION AGAIN AND PROBE FOR VALID RESPONSE

PROGRAMMER INSTRUCTIONS:

- REJECT RESPONSES THAT ARE EITHER < 1 WEEK OR GREATER THAN 43 WEEKS
- IF VALID RESPONSE WAS PROVIDED, CALCULATE PS006 **(ORIG\_DUE\_DATE)** (YYYYMMDD)=TODAY'S DATE + (280 DAYS – **WEEKS\_PREG \*7**); GO TO **(DE001)/(TIME\_STAMP\_7)**; SET **(PPG\_FIRST) = 1**
- IF NO VALID DATE IS CALCULABLE → GO TO PS010 **(MONTH\_PREG)**

PS010. **(MONTH\_PREG)** How many months pregnant are you now? If you're not sure, please make you best guess.

\_\_\_\_\_  
NUMBER OF MONTHS

NUMBER OF MONTHS

IF VALID RESPONSE PROVIDED.....(DE001)/(TIME\_STAMP\_7)  
REFUSED..... (PS011) (TRIMESTER)  
DON'T KNOW.....(PS011) (TRIMESTER)

INTERVIEWER INSTRUCTION:

- IF RESPONSE WAS DETERMINED TO BE INVALID, ASK QUESTION AGAIN AND PROBE FOR VALID RESPONSE

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PROGRAMMER INSTRUCTIONS:

- REJECT RESPONSES THAT ARE EITHER < 1 MONTH OR GREATER THAN 12 MONTHS
- IF VALID RESPONSE WAS PROVIDED, CALCULATE DUE DATE AS FROM NUMBER OF MONTHS PREGNANT WHERE (**ORIG\_DUE\_DATE**) (YYYYMMDD)=TODAY'S DATE + (280 DAYS - ((**MONTH\_PREG**\*30) -15)); GO TO (DE001)/(TIME\_STAMP\_7); SET (**PPG\_FIRST**) = 1
- IF NO VALID RESPONSE IS CALCULABLE → GO TO PS011 (**TRIMESTER**)

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PS011. (**TRIMESTER**) Are you currently in your First, Second, or Third trimester?

1<sup>ST</sup> TRIMESTER (1-3 MONTHS PREGNANT).....(DE001)/(TIME\_STAMP\_7)  
2<sup>ND</sup> TRIMESTER (4-6 MONTHS PREGNANT).....(DE001)/(TIME\_STAMP\_7)  
3<sup>RD</sup> TRIMESTER (7-9 MONTHS PREGNANT).....(DE001) /(TIME\_STAMP\_7)  
REFUSED.....(DE001) /(TIME\_STAMP\_7)  
DON'T KNOW.....(DE001) /(TIME\_STAMP\_7)

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PROGRAMMER INSTRUCTIONS: CALCULATE DUE DATE AS FROM REPORTED TRIMESTER

- 1ST TRIMESTER: **ORIG\_DUE\_DATE** = TODAY'S DATE + (280 DAYS - 46 DAYS)
- 2ND TRIMESTER: (**ORIG\_DUE\_DATE**) = TODAY'S DATE + (280 DAYS - 140 DAYS)
- 3RD TRIMESTER: (**ORIG\_DUE\_DATE**) = TODAY'S DATE + (280 DAYS - 235 DAYS)
- DON'T KNOW/REFUSED: (**ORIG\_DUE\_DATE**) = TODAY'S DATE + (280 DAYS - 140 DAYS)
- SET (**ORIG\_DUE\_DATE**) = YYYYMMDD AS CALCULATED
- SET (**PPG\_FIRST**) = 1

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PS012. (**TIME\_STAMP\_6**) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

PS013. (**TRYING**) Are you currently trying to become pregnant?

YES..... (DE001)/(TIME\_STAMP\_7); SET (**PPG\_FIRST**) =2  
NO..... PS014 (**HYSTER**)  
RECENTLY LOST PREGNANCY (MISCARRIAGE OR ABORTION).....  
..... (DE001)/(TIME\_STAMP\_7); SET (**PPG\_FIRST**) = 3

UNABLE TO HAVE CHILDREN (HYSTERECTOMY, TUBAL LIGATION).....  
 ..... (PS014) **(HYSTER)**  
 REFUSED ..... PS014 **(HYSTER)**  
 DON'T KNOW ..... PS014 **(HYSTER)**

PS014. **(HYSTER)** Do any of the following apply to you? Have you had your uterus removed, sometimes called a hysterectomy?

YES.....(DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 5  
 NO..... PS015 **(OVARIES)**  
 REFUSED ..... PS015 **(OVARIES)**  
 DON'T KNOW ..... PS015 **(OVARIES)**

PS015. **(OVARIES)** (READ IF NECESSARY: Have you had...) both ovaries removed?

YES.....(DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 5  
 NO..... PS016 **(TUBES\_TIED)**  
 REFUSED ..... PS016 **(TUBES\_TIED)**  
 DON'T KNOW ..... PS016 **(TUBES\_TIED)**

PS016. **(TUBES\_TIED)** (READ IF NECESSARY: Have you had...) your tubes tied?

YES.....(DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 5  
 NO..... PS017 **(MENOPAUSE)**  
 REFUSED ..... PS017 **(MENOPAUSE)**  
 DON'T KNOW ..... PS017 **(MENOPAUSE)**

PS017. **(MENOPAUSE)** (READ IF NECESSARY: Have you...) stopped having your period or gone through menopause?

YES..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 5  
 NO..... PS018 **(MED\_UNABLE)**  
 REFUSED ..... PS018 **(MED\_UNABLE)**  
 DON'T KNOW ..... PS018 **(MED\_UNABLE)**

PS018. **(MED\_UNABLE)** Is there any other medical reason why you believe you cannot become pregnant?

YES..... PS019 **(MED\_UNABLE\_OTH)**  
 NO ..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 4  
 REFUSED ..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 4  
 DON'T KNOW ..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 4

PS019. **(MED\_UNABLE\_OTH)**

SPECIFY \_\_\_\_\_  
 ..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 4  
 REFUSED..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 4  
 DON'T KNOW..... (DE001)/(TIME\_STAMP\_7); SET (PPG\_FIRST) = 4

## DEMOGRAPHIC QUESTIONS

DE001. **(TIME\_STAMP\_7)** PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

DE002. **(MARISTAT)** I'd like to ask about your marital status. Are you:

- Married,.....01 **(EDUC)** (DE003)
- Not married but living together with a partner.....02 **(EDUC)** (DE003)
- Never been married,.....03 **(EDUC)** (DE003)
  
- Divorced,.....04 **(EDUC)** (DE003)
- Separated, or.....05 **(EDUC)** (DE003)
- Widowed?.....06 **(EDUC)** (DE003)
- REFUSED.....-1 **(EDUC)** (DE003)
  
- DON'T KNOW.....-2 **(EDUC)** (DE003)

INTERVIEWER INSTRUCTION: CODE FOR SALIENT CATEGORY.

DE003. **(EDUC)** What is the highest degree or level of school you have completed?

- LESS THAN A HIGH SCHOOL DIPLOMA OR GED.....**(EMPLOY)** (DE004)
- HIGH SCHOOL DIPLOMA OR GED.....**(EMPLOY)** (DE004)
- SOME COLLEGE BUT NO DEGREE.....**(EMPLOY)** (DE004)
- ASSOCIATE DEGREE.....**(EMPLOY)** (DE004)
- BACHELOR'S DEGREE (e.g., BA, BS).....**(EMPLOY)** (DE004)
- POST GRADUATE DEGREE (e.g., Masters or Doctoral).....**(EMPLOY)** (DE004)
- REFUSED.....**(EMPLOY)** (DE004)
- DON'T KNOW.....**(EMPLOY)** (DE004)

DE004. **(EMPLOY)** Last week were you working full time, part time, going to school, keeping house, or something else?

- WORKING FULL TIME.....**(ETHNICITY)** (DE005)
- WORKING PART TIME.....**(ETHNICITY)** (DE005)
- WITH A JOB, BUT NOT AT WORK BECAUSE OF TEMPORARY ILLNESS,  
VACATION, STRIKE.....**(ETHNICITY)** (DE005)
- UNEMPLOYED/LAID OFF/LOOKING FOR WORK.....**(ETHNICITY)** (DE005)
- RETIRED.....**(ETHNICITY)** (DE005)
- IN SCHOOL.....**(ETHNICITY)** (DE005)
- KEEPING HOUSE.....**(ETHNICITY)** (DE005)
- OTHER **(EMPLOY\_OTH)**.....(DE004A)
- REFUSED.....**(ETHNICITY)** (DE005)
- DON'T KNOW.....**(ETHNICITY)** (DE005)

INTERVIEWER INSTRUCTION: CODE FOR SALIENT CATEGORY.

DE004A. **(EMPLOY\_OTH)**

SPECIFY \_\_\_\_\_.....**(ETHNICITY)** (DE005)  
REFUSED..... **(ETHNICITY)** (DE005)  
DON'T KNOW.....**(ETHNICITY)** (DE005)

DE005. **(ETHNICITY)** Do you consider yourself to be Hispanic, or Latina?

YES .....**(RACE)** (DE006)  
NO .....**(RACE)** (DE006)  
REFUSED.....**(RACE)** (DE006)  
DON'T KNOW.....**(RACE)** (DE006)

DE006. **(RACE)** What race do you consider yourself to be? You may select one or more.

[USE SHOW CARD]

PROBE: Anything else?

SELECT ALL THAT APPLY.

White, .....**PERSON\_LANG** (DE007)  
Black or African American,.....**PERSON\_LANG** (DE007)  
American Indian or Alaska Native,.....**PERSON\_LANG** (DE007)  
Asian, or.....**PERSON\_LANG** (DE007)  
Native Hawaiian or Other Pacific Islander?.....**PERSON\_LANG** (DE007)  
REFUSED.....**PERSON\_LANG** (DE007)  
DON'T KNOW.....**PERSON\_LANG** (DE007)  
SOME OTHER RACE? **(RACE\_OTH)**.....(DE006A)

INTERVIEWER INSTRUCTION. CODE "OTHER" ONLY USE IF VOLUNTEERED.

DE006A. **(RACE\_OTH)**

SPECIFY \_\_\_\_\_.....**PERSON\_LANG** (DE007)  
REFUSED..... **PERSON\_LANG** (DE007)  
DON'T KNOW.....**PERSON\_LANG** (DE007)

DE007. **(PERSON\_LANG)** What is the primary language spoken in your home?

ENGLISH.....(TIME\_STAMP\_8)  
 SPANISH.....(TIME\_STAMP\_8)  
 ARABIC.....(TIME\_STAMP\_8)  
 CHINESE.....(TIME\_STAMP\_8)  
 FRENCH.....(TIME\_STAMP\_8)  
 FRENCH CREOLE.....(TIME\_STAMP\_8)  
 GERMAN.....(TIME\_STAMP\_8)  
 ITALIAN.....(TIME\_STAMP\_8)  
 KOREAN.....(TIME\_STAMP\_8)  
 POLISH.....(TIME\_STAMP\_8)  
 RUSSIAN.....(TIME\_STAMP\_8)  
 TAGALOG.....(TIME\_STAMP\_8)  
 VIETNAMESE.....(TIME\_STAMP\_8)  
 URDU .....(TIME\_STAMP\_8)  
 PUNJABI.....(TIME\_STAMP\_8)  
 BENGALI.....(TIME\_STAMP\_8)  
 FARSI .....(TIME\_STAMP\_8)  
 OTHER (PERSON\_LANG\_OTH).....(DE008)  
 REFUSED.....(TIME\_STAMP\_8)  
 DON'T KNOW.....(TIME\_STAMP\_8)

DE008. (PERSON\_LANG\_OTH)  
 SPECIFY \_\_\_\_\_(TIME\_STAMP\_8)  
 REFUSED.....(TIME\_STAMP\_8)  
 DON'T KNOW.....(TIME\_STAMP\_8)

(TIME\_STAMP\_8) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

DE009. Now I'm going to ask a few questions about your income. Family income is important in analyzing the data we collect and is often used in scientific studies to compare groups of people who are similar. Please remember that all the information you provide is confidential.

Please think about your total combined family income during 2009 for all members of the family.

DE010. (HH\_MEMBERS) How many household members are supported by your total combined family income?

\_\_\_\_\_  
 NUMBER

REFUSED..... (DE011)  
 DON'T KNOW.....(DE011)

---

PROGRAMMER INSTRUCTION: RESPONSE MUST BE > 0; INCLUDE A SOFT EDIT IF RESPONSE IS > 15

---



DE010. **(NUM\_CHILD)** How many of those people are children? Please include anyone under 18 years or anyone older than 18 years and in high school.

\_\_\_\_\_  
NUMBER

REFUSED..... -1  
DON'T KNOW..... -2

PROGRAMMER INSTRUCTIONS:

- INCLUDE HARD EDIT IF RESPONSE > **HH\_SIZE**
- INCLUDE SOFT EDIT IF RESPONSE > 10

DE011. **(INCOME)** Of these income groups, which category best represents your total combined family income during the last calendar year?

INTERVIEWER INSTRUCTION: SHOW RESPONDENT CATEGORIES ON SHOW CARD

Less than \$4,999..... (TR001)  
\$5,000-\$9,999 ..... (TR001)  
\$10,000-\$19,999..... (TR001)  
\$20,000-\$29,999..... (TR001)  
\$30,000-\$39,999..... (TR001)  
\$40,000-\$49,999..... (TR001)  
\$50,000-\$74,999..... (TR001)  
\$75,000-\$99,999..... (TR001)  
\$100,000-\$199,000..... (TR001)  
\$200,000 or more..... (TR001)  
REFUSED ..... (TR001)  
DON'T KNOW ..... (TR001)

### TRACING QUESTIONS

TR001. **(TIME\_STAMP\_9)** PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

TR002. These next few questions will help us to contact you again in the future.

TR003. **(R\_FNAME)/(R\_LNAME)** What is your full name?

CONFIRM SPELLING OF FIRST NAME IF NOT PREVIOUSLY COLLECTED AND OF LAST NAME FOR ALL RESPONDENTS.

FIRST NAME		LAST NAME
REFUSED.....(TR004)		
DON'T KNOW.....(TR004)		

TR005. **(PHONE\_NBR)** What is the best phone number to reach you?

ENTER PHONE NUMBER AND CONFIRM.

|\_|\_|\_|\_| - |\_|\_|\_|\_|\_| - |\_|\_|\_|\_|\_|

RESPONDENT HAS NO TELEPHONE..... (TR006) **(PHONE\_NBR\_OTH)**  
 REFUSED .....(TR009) **(HOME\_PHONE)**  
 DON'T KNOW.....(TR009) **(HOME\_PHONE)**

TR006. **(PHONE\_NBR\_OTH):** IF RESPONDENT DOES NOT HAVE A TELEPHONE NUMBER, ASK WHERE RESPONDENT RECEIVES TELEPHONE CALLS, EVEN IF SHE DOES NOT HAVE HER OWN PHONE. ASK FOR AND RECORD THAT NUMBER

ENTER PHONE NUMBER AND CONFIRM.

|\_|\_|\_|\_| - |\_|\_|\_|\_|\_| - |\_|\_|\_|\_|\_|

REFUSED .....(TR009) **(HOME\_PHONE)**  
 DON'T KNOW.....(TR009) **(HOME\_PHONE)**

TR007. **(PHONE\_TYPE)** Is that your home, work, cell, or another phone number?

CONFIRM IF KNOWN.

HOME .....(TR105) **(CELL\_PHONE\_1)**  
 WORK .....(TR105) **(CELL\_PHONE\_1)**  
 CELL.....(TR105) **(CELL\_PHONE\_1)**  
 FRIEND/RELATIVE.....(TR008) **(PHONE\_TYPE\_OTH)**  
 OTHER.....(TR008) **(PHONE\_TYPE\_OTH)**  
 REFUSED.....(TR010) **(SAME\_ADDR)**  
 DON'T KNOW.....(TR010) **(SAME\_ADDR)**

TR008. **(PHONE\_TYPE\_OTH)**

SPECIFY \_\_\_\_\_.....(TR009) **(HOME\_PHONE)**  
 REFUSED.....(TR009) **(HOME\_PHONE)**  
 DON'T KNOW.....(TR009) **(HOME\_PHONE)**

PROGRAMMER INSTRUCTION: IF TR007 (**PHONE\_TYPE**) = HOME, THEN SKIP TR009 AND GO TO TR010.

TR009. (**HOME\_PHONE**) What is your home phone number?

ENTER PHONE NUMBER AND CONFIRM.

|\_|\_|\_| - |\_|\_|\_|\_| - |\_|\_|\_|\_|\_|

- NO HOME NUMBER .....(TR010) (**SAME\_ADDR**)
- REFUSED.....(TR010) (**SAME\_ADDR**)
- DON'T KNOW.....(TR010) (**SAME\_ADDR**)

TR010. (**SAME\_ADDR**) Is your mailing address the same as your street address?

- YES.....(TR012) (**HAVE\_EMAIL**)
- NO.....(TR011) (**MAILING\_ADDRESS\_VARIABLES**)
- REFUSED .....(TR011) (**MAILING\_ADDRESS\_VARIABLES**)
- DON'T KNOW .....(TR011) (**MAILING\_ADDRESS\_VARIABLES**)

TR011. (**MAILING\_ADDRESS\_VARIABLES**) What is your mailing address?

PROMPT AS NECESSARY TO COMPLETE INFORMATION

\_\_\_\_\_  
(**MAIL\_ADDRESS1**) ADDRESS 1 - STREET/PO BOX

\_\_\_\_\_  
(**MAIL\_ADDRESS2**) ADDRESS 2

\_\_\_\_\_  
(**MAIL\_UNIT**) UNIT

\_\_\_\_\_  
(**MAIL\_CITY**) CITY

|\_|\_| |    |\_|\_|\_|\_|\_| |    |\_|\_|\_|\_|\_|  
STATE      ZIP CODE                      ZIP+4

(**MAIL\_STATE**) (**MAIL\_ZIP**) (**MAIL\_ZIP4**)

- REFUSED.....(TR012) (**HAVE\_EMAIL**)
- DON'T KNOW.....(TR012) (**HAVE\_EMAIL**)
- .....

PROGRAMMER INSTRUCTION: IF TR007 (PHONE\_TYPE) = CELL, THEN SKIP TR105 AND GO TO TR106.



PROGRAMMER INSTRUCTION: SHOW EXAMPLE OF VALID EMAIL ADDRESS SUCH AS MARYJANE@EMAIL.COM

ENTER E-MAIL ADDRESS: \_\_\_\_\_

REFUSED .....(TR016) **(PLAN\_MOVE)**  
DON'T KNOW .....(TR016) **(PLAN\_MOVE)**

TR014. **(EMAIL\_TYPE)** Is that your personal e-mail, work e-mail, or a family or shared e-mail address?

PERSONAL.....(TR016) **(PLAN\_MOVE)**  
WORK.....(TR016) **(PLAN\_MOVE)**  
FAMILY/SHARED.....(TR015) **(EMAIL\_SHARE)**  
REFUSED.....(TR016) **(PLAN\_MOVE)**  
DON'T KNOW.....(TR016) **(PLAN\_MOVE)**

TR015. **(EMAIL\_SHARE)**

PROGRAMMER INSTRUCTIONS: IF RESPONDENT REPORTED A SHARED EMAIL ADDRESS IN **(EMAIL\_TYPE)**, SET **(EMAIL\_SHARE)** TO "YES," THEN GO TO  
(TR016) **(PLAN\_MOVE)**

TR016. **(PLAN\_MOVE)** Do you plan on moving from your present address in the next few months?

YES.....(TR017) **(WHERE\_MOVE)**  
NO.....(CS001)/**(TIME\_STAMP\_10)**  
REFUSED .....(CS001)/ **(TIME\_STAMP\_10)**  
DON'T KNOW.....(CS001)/ **(TIME\_STAMP\_10)**

TR017. **(WHERE\_MOVE)** Do you know where you will be moving?

YES ..... TR018 **(MOVE\_INFO)**  
NO..... TR020 **(WHEN\_MOVE)**  
REFUSED ..... TR020 **(WHEN\_MOVE)**  
DON'T KNOW..... TR020 **(WHEN\_MOVE)**

TR018. **(MOVE\_INFO)** What is the address of your new home?

ADDRESS KNOWN..... TR019 **(NEW\_ADDRESS\_VARIABLES)**  
OUT OF THE COUNTRY..... TR020 **(WHEN\_MOVE)**  
PO BOX ADDRESS ONLY ..... TR020 **(WHEN\_MOVE)**  
REFUSED..... TR020 **(WHEN\_MOVE)**  
DON'T KNOW..... TR020 **(WHEN\_MOVE)**

TR019. **(NEW\_ADDRESS\_VARIABLES)** ENTER ADDRESS

PROBE AND ENTER AS MUCH INFORMATION AS R KNOWS.

\_\_\_\_\_

(NEW\_ADDRESS1) ADDRESS 1 - STREET/PO BOX

(NEW\_ADDRESS2) ADDRESS 2

(NEW\_UNIT) UNIT

(NEW\_CITY) CITY

STATE ZIP CODE ZIP+4

(NEW\_STATE) (NEW\_ZIP) (NEW\_ZIP4)

REFUSED
DON'T KNOW

TR020. (WHEN\_MOVE) Do you know when you will be moving?

YES..... TR021 (DATE\_MOVE)
NO..... (CS001) / (TIME\_STAMP\_10)
REFUSED ..... (CS001) / (TIME\_STAMP\_10)
DON'T KNOW..... (CS001) / (TIME\_STAMP\_10)

TR021. (DATE\_MOVE) When will you move?

MONTH: M M
YEAR: Y Y Y Y

PROGRAMMER INSTRUCTION: FORMAT DATE\_MOVE AS YYYYMM

REFUSED ..... (CS001) / (TIME\_STAMP\_10)
DON'T KNOW..... (CS001) / (TIME\_STAMP\_10)

CLOSING STATEMENTS

CS001. (TIME\_STAMP\_10) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

CS002. (PPG\_FIRST)

PROGRAMMER INSTRUCTIONS: DISPLAY APPROPRIATE PPG ASSIGNMENT FOR RESPONDENT/MINOR

PREGNANT AND ELIGIBLE.....	1 (CS003)
HIGH PROBABILITY –TRYING TO CONCEIVE.....	2 (CS004)
HIGH PROBABILITY – RECENT PREGNANCY LOSS .....	3 (CS005)
OTHER PROBABILITY – NOT PREGNANT AND NOT TRYING.....	4 (CS006)
UNABLE TO CONCEIVE, AGE-INELIGIBLE.....	5 (CS007)
INELIGIBLE DWELLING UNIT.....	6 (CS008)

CS003. Thank you for taking the time to answer these questions. You are able to be part of this important study because of your due date. I would like to tell you more about it and give you all the information you need to decide if you would like to be part of the study.

CS004. Thank you for taking the time to answer these questions. You are able to be part of this important study because you are currently trying to become pregnant. I would like to tell you more about it and give you all the information you need to decide if you would like to be part of the study.

CS005. [I'm so sorry to hear that you've lost your baby. I know this can be a hard time.] Because your address is in the study area, we may be back in touch at a later time to update your household information. Thank you for taking the time to answer these questions.

CS006. Thank you for taking the time to answer these questions. We will contact you again in about three months to ask a few quick questions and update your household information.

CS007. Thank you for taking the time to answer these questions. Based on what you've told me, we will not ask you to take part in the study. Because your address is in the study area, we may be back in touch at later time to update your household information.

CS008. Thank you for taking the time to answer these questions. Based on what you've told me, we will not ask you to take part in the study. Thank you for your time.

**FINAL INTERVIEWER-COMPLETED QUESTIONS**

FI001. **(TIME\_STAMP\_11)** PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP

FI002. **(ENGLISH)** WAS THIS DATA COLLECTION SESSION CONDUCTED IN ENGLISH?

YES..... (FI005) **(INTERPRET)**  
 NO ..... (FI003) **(CONTACT\_LANG)**

FI003. **(CONTACT\_LANG)** WHAT OTHER LANGUAGE WAS USED TO CONDUCT THIS SESSION?

ENGLISH..... (FI008)  
 SPANISH..... (FI005)  
 ARABIC..... (FI005)

CHINESE..... (FI005)  
 FRENCH..... (FI005)  
 FRENCH CREOLE..... (FI005)  
 GERMAN..... (FI005)  
 ITALIAN..... (FI005)  
 KOREAN..... (FI005)  
 POLISH..... (FI005)  
 RUSSIAN..... (FI005)  
 TAGALOG..... (FI005)  
 VIETNAMESE..... (FI005)  
 URDU ..... (FI005)  
 PUNJABI..... (FI005)  
 BENGALI..... (FI005)  
 FARSI ..... (FI005)  
 OTHER (**CONTACT\_LANG\_OTH**)..... (FI004)

FI004. (**CONTACT\_LANG\_OTH**)

SPECIFY \_\_\_\_\_..... (FI005)  
 REFUSED..... (FI005)  
 DON'T KNOW..... (FI005)

FI005. (**INTERPRET**) WAS AN INTERPRETER USED?

YES..... (FI006) (**CONTACT\_INTERPRET**)  
 NO ..... (FI008)/(**TIME\_STAMP\_12**)

FI006. (**CONTACT\_INTERPRET**) WHAT TYPE OF INTERPRETER WAS USED?

BILINGUAL INTERVIEWER.....  
 IN-PERSON PROFESSIONAL INTERPRETER.....  
 IN-PERSON FAMILY MEMBER INTERPRETER.....  
 LANGUAGE-LINE INTERPRETER.....  
 VIDEO INTERPRETER.....  
 OTHER (**CONTACT\_INTERPRET\_OTH**)..... (FI007)

FI007. (**CONTACT\_INTERPRET\_OTH**)

SPECIFY \_\_\_\_\_..... (FI008)  
 REFUSED..... (FI008)  
 DON'T KNOW..... (FI008)

FI008. (**TIME\_STAMP\_12**) PROGRAMMER INSTRUCTION: INSERT DATE/TIME STAMP