ID #...... VERSION: 5.1

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# National Birth Defects Prevention Study

# Mother Questionnaire CATI Version 5.1

Centers for Disease Control and Prevention
U.S. Department of Health and Human Services
Public Health Service

**April 6, 2010** 

Information contained on this form which could permit identification of any individual or establishment has been collected with an assurance that it will be held in strict confidence by the contractor and CDC, will be used only for purposes stated in this study, and will not be disclosed or released to anyone other than authorized staff of CDC without the consent of the participant in accordance with Section 301(d) of the Public Health Service Act (42 U.S.C. 241d).

Public reporting burden of this collection of information is estimated to average 64 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer: 1600 Clifton Rd NE. MS D-74, Atlanta, GA 30333:

NOIB STATUS: Live Birth Stillbirth Deceased			ID# LILILIAN TATHER UNKNOWN			
Therapeutic Abortion NOIB'S FIRST NAME:			EDD: MM DD YYYY			
	PREGNA	NCY CALENDAR	DOIB/DOPT: LLL L			
	MONTH MONTH BEGIN		MONTH END	CHECK DOIB OR DOPT		
		MM DD YYYY	MM DD YYYY	MONTH		
	B3					
	B2					
	B1					
T1	P1	DATE OF CONCEPTION				
''	P2					
	P3					
	P4					
T2	P5					

CALENDAR GENERATED BY PROGRAM. REFER TO THESE TIME PERIODS DURING INTERVIEW.

**P6** 

**P7** 

**P8** 

**P9** 

P10

**T3** 

# **HARDCOPY INSTRUCTIONS:**

On hardcopy, "don't know" (DK) options or check boxes show at most fields but "refused" (RF) options are not always shown. When subjects refuse, interviewers should write "RF" near response fields on the hardcopy. Instructions for refusals should follow same instructions as for don't know.

#### INVESTIGATORS and ANALYSTS:

PLEASE NOTE: We have tried to make the codes in this document match the codes used in the CATI and in the analytic database. Some codes are not included here, such as the 6-digit Slone drug dictionary codes, and other open-ended text coding lists, as those coding lists are always growing as new codes are needed. For the definite listing of all codes, investigators should refer to NBDPS documentation and all coding lists on the study website. Please also read the Appendix at the back of this document for details about response codes and conventions used in CATI versus the hardcopy questionnaire.

#### THERAPEUTIC ABORTIONS:

To be sensitive to mothers who have had a therapeutic abortion (TAB), we are using alternate wording in scripts that refer to the baby's name or the baby's father, or the baby's date of birth. The convention in the hard copy will be to have the different phrases in parentheses, separated by a slash, such as (DOIB/DOPT) to signify date of infant's birth versus date of pregnancy termination, or (your pregnancy with [NOIB]/your pregnancy).

The first phrase in the parentheses will be the wording for live births and stillbirths, while the second phrase will be the wording for TABs.

The CATI will be programmed to insert the correct phrase automatically based on information obtained at each Center and linked to the CATI.

### **BABY'S NAME:**

If the participant gives the interviewer her baby's name, that name will be inserted in the CATI every time NOIB shows in the hard copy. If she chooses not to give her baby's name, the interviewer types in "the baby" and that phrase is inserted wherever NOIB appears in the CATI.

#### OTHER CONVENTIONS USED:

Text in lower case is meant to be read aloud by the interviewer. Text in upper case is only meant for interviewer instructions, or sometimes for programmer instruction. This is also true of response options. Response options in lower case are the ones to be read to the participant. Upper case responses are not read. Prompts and probes should be in lower case as they may need to be read aloud, as needed.

SECTION P: In 2010, Section P was added to accommodate new questions about physical activity. This new section was inserted between Section I and Section J, so it is not in alphabetical order.

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In this interview we will be asking you questions about your family, health, lifestyle habits, and work history. The questions cover many topics because we don't know what causes most birth defects. We will study the answers from thousands of mothers hoping to learn something new about the causes of birth defects. Your individual responses are being collected with an assurance of confidentiality.

# **SECTION A: ESTABLISHING DATES**

I'm going to ask many questions about the year before ([NOIB]'s birth/you had a pregnancy affected by a birth defect). In order to do this, I need to start by asking you some dates.

**WORDING FOR LIVE BIRTHS AND TABS:** DIFFERENT SCRIPTS FOR LIVE BIRTHS AND TABS WILL BE SEPARATED BY A SLASH WITHIN PARENTHESES IN THE HARD COPY AND PROGRAMMED ACCORDINGLY IN CATI. WORDING FOR LIVE BIRTHS WILL BE FIRST.

A1.	(What was [NOIB]'s date of birth/On what date did the affected pregnancy end?)	DOIB/DOPT	MM DD YYYY
A2.	What date did the doctor give you as a due date for ([NOIB]'s birth/the affected pregnancy)? That is, when was ([NOIB]/the baby) expected to be born?	DUE DATE	MM DD YYYY
	NOTE: IF MOM KNOWS DUE DATE, CATI WILL CALCULA CALENDAR DATES. IF MOM DOES NOT KNOW DUE DAT DATABASE TO CALCULATE DATES.		
A3.	In this pregnancy, how many babies were you carrying? PROBE: Did you have a single baby, twins, or more babies?	# BABIES	CHECK IF DK
	IF NOIB IS "TAB" OR "STILLBIRTH,"THEN SKIP TO	) A7.	
A4.	Is (NOIB) still living?	NO DK	(SKIP TO A7)
A5.	What did s/he die of?		
	SPECIFY:		
			CHECK IF DK
			CHECK IF RF

A6.	How old was s/he when s/he died?	AGE
	IF THE BABY LIVED LESS THAN 24 HOURS, THE RESPONSE LESS THAN 1 DAY CAN BE RECORDED AS 1 DAY.	DAY(S) 1 WEEK(S) 2 MONTH(S) 3 YEAR(S) 4 DK -1
A7.	What was your date of birth?	DOB
A8.	I would like to ask about ([NOIB]'s/the baby's) biologic or natural father.  What was his date of birth? IF DK, PROBE: You don't know the date of birth or you don't know the biologic father?	DOB
PREG	NANCY HISTORY	
Now I'	m going to ask about your pregnancy experiences.	
A9.	How many times have you been pregnant before ([NOIB]/the pregnancy that ended on [DOPT]), including pregnancies that may have ended in miscarriages, stillbirths, abortion, or a tubal or molar pregnancy?	# TIMES PREGNANT

IF A9 = 0, SKIP TO INTRO SCRIPT

# **PREGNANCY OUTCOMES**

	A10.	A11.	A12.	A13.
	In your (1st/2nd/3rd, etc.) pregnancy, how many babies were you carrying?	For the next question I need to read the list of possible answers. Please answer the question after I read the list of responses.  IF A10 = 1: Did your (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> , etc.) pregnancy end with (a/an) (READ CATEGORIES)?  IF A10 >1: For your (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> , etc.)	In your (1 <sup>st</sup> / 2 <sup>nd</sup> /3 <sup>rd</sup> , etc.) pregnancy, was there a health problem with the pregnancy or was a birth defect diagnosed at any time?	IF YES: What was it?
		pregnancy, what was the outcome for the (1 <sup>st</sup> / 2 <sup>nd</sup> /3 <sup>rd</sup> , etc.) baby? READ CATEGORIES AND RECORD OUTCOME FOR EACH BABY.		
	IF A10 = DK OR RF, TREAT AS 1 BABY	01 = Live birth 02 = Stillbirth 03 = Induced abortion 04 = Miscarriage 05 = Tubal pregnancy (SKIP TO NEXT PREG) 06 = Molar pregnancy (SKIP TO NEXT PREG)	THIS APPLIES TO ANY AND ALL FETUSES.	BIRTH DEFECTS DO NOT GET LINKED TO SPECIFIC FETUS IF MULTIPLE FETUSES IN PREGNANCY.
PREG 1.	# L DK Q RF Q	BABY1 BABY2 BABY3 BABY4 BABY5  DK	YES	BIRTH DEFECT  DK
PREG 2.	# L DK A RF	BABY1 BABY2 BABY3 BABY4 BABY5  DK	YES	BIRTH DEFECT
PREG 3.	# L DK A RF	BABY1 BABY2 BABY3 BABY4 BABY5  DK	YES	BIRTH DEFECT
PREG 4.	# L DK A RF	BABY1 BABY2 BABY3 BABY4 BABY5  DK	YES	BIRTH DEFECT
PREG 5.	# L DK A RF	BABY1 BABY2 BABY3 BABY4 BABY5  DK	YES	BIRTH DEFECT

# FOR THE LAST PREGNANCY BEFORE NOIB, ASK:

A14.	When did the last pregnancy before (NOIB/the
	affected pregnancy) end?

DATE			
	MM	DD	YYYY
	DK		
	RF □		

# **INTRO SCRIPT:**

During this interview we will be asking many questions about different aspects of your life from (BEGINNING OF B3) to (DATE OF BIRTH OR PREGNANCY TERMINATION). This time period includes your pregnancy and the 3 months before you became pregnant. Depending on the question we may refer to different time periods.

#### **RESIDENCE DURING PREGNANCY**

We would like to know the addresses at which you lived from (B3) to ([DOIB][/DOPT]) to be able to study possible environmental exposures.

A15. From 3 months before you became pregnant to the end of your pregnancy in how many places did you live for more than one month?

# HOMES		
DK - SKIPS TO A19	RF - SKIPS TO A1	ć

#### **RESIDENCE HISTORY**

					T		
		A16.		A17.	A18.		
	What was t (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> ) CHART.	he street ac residence?	ddress of your LIST ALL IN	What month and year did you start living there?	What month and year did you stop living there?		
A.	STREET: CITY: STATE: ZIP: COUNTRY:	DK	RF	MM YYYY DK	MM YYYY  DK		
В.	STREET: CITY: STATE: ZIP: COUNTRY:	DK	RF	MM YYYY  DK	MM YYYY  DK		
C.	STREET: CITY: STATE: ZIP: COUNTRY:	DK	RF	MM YYYY  DK	MM YYYY  DK		

# PREGNANCY HISTORY FOR INDEX BABY

						_			
Now I	have come	augetione	enocific to	VALIF DEAG	nancy (with	י נאו∪ום]	/affected by	/ a hirth	dofoct)
INOWI	nave some	questions	Specific to	your prequ	nancy (with		/ anticitu by	abiilii	uelect).

6	and of your programmy did you use any method of NO							
	For the same time control pills or mo							
		A21.			Α	22.		
		ur pills?/Any others? IF MO D LIST)? LIST ALL BELOW.	M DOES NOT KNOW, READ		nonths we	ere you us E)?	ing	
Alesse Demulen Depo-pro Desogen	overa	Minipill Mircette Morning after pill Necon Nordette	Ortho-Novum 777 OrthoTri-Cyclen Ovcon Tri-Levlen Tri-Norinyl					
Levlen Lo/Ovral Loestrin	_	Norethin Ortho-Cept Ortho-Cyclen	Triphasil Birth Control Pill (NOS) Other -	MO	YES	NO	DK	
Micronor	r	Ortho-Novum	(Specify Below)	B3	1	2	-1	
				B2	1	2	-1	
				B1	1	2	-1	
	FIRST RIR	TH CONTROL OR MORNING	3 AFTER PILI	P1	1	2	-1	
	THIOT BITT	THE CONTROL OF TWO THE	JAI TEITHE	P2	1	2	-1	
	DK RF			P3	1	2	-1	
		ASK A22 SKIP T	O A23	T2	1	2	-1	
				Т3	1	2	-1	
				B3	1	2	-1	
				B2	1	2	-1	
	SECOND BI	RTH CONTROL OR MORNIN	NG AFTER PILL	B1	1	2	-1	
			ר	P1	1	2	-1	
		DK RF ASK A22 SKIP T		P2	1	2	-1	
		, tott ,	0,120	P3	1	2	-1	
				T2	1	2	-1	
				T3	1	2	-1	
				В3	1	2	-1	
					1	2	-1	
	THIRD BID	TH CONTROL OR MORNING	3 AFTER PILL	B1	1	2	-1	
	ו חוחט פות	THE CONTROL OR MORNING	U AL TER FILL	P1	1	2	-1	
		DK RF	]	P2	1	2	-1	
		ASK A22 SKIP T	O A23	P3	1	2	-1	
				T2	1	2	-1	

Т3

A23.	Did you use any other method of contraception
	during this same time period?

all?

YES		
NO	(SKIP TO A26)	) 2
		, 1

A25. A24. Which methods of contraception did you use?/Any others? Which months were you using (METHOD)? LIST ALL. MO YES NO A. ВЗ 1 2 -1 BIRTH CONTROL PATCH (ORTHO EVRA) = 23 CERVICAL CAP = 01 2 -1 CONDOMS (FEMALE) = 02 B2 1 CONDOMS (MALE) = 20 CONTRACEPTIVE FILM/VCF = 24 2 -1 B1 1 DK DEPO PROVERA INJECTIONS = 03 ASK A25 DIAPHRAGM = 04 2 -1 1 P1 FOAM = 05RF 🔲 GEL = 06 SKIP TO A26 2 -1 INJECTIONS, NOS = 08 P2 INJECTIONS FROM MEXICO = 09 IUD = 10 2 P3 -1 NATURAL FAMILY PLANNING/ BASAL TEMPERATURE/MUCUS METHOD = 11 2 -1 NORPLANT = 12 T2 1 NUVARING = 31 RHYTHM METHOD = 13 2 -1 Т3 1 SPERMICIDE, NOS = 14 SPONGE/ VAGINAL SPONGE = 15 SUPPOSITORY OR INSERT = 16 TUBAL LIGATION = 17 B. VASECTOMY = 18 ВЗ 1 -1 WITHDRAWAL = 19 OTHER, = -52 -1 B2 SPECIFY: \_ DK 2 1 -1 B1 ASK A25 2 -1 P1 1 RF 🔲 SKIP TO A26 2 -1 P2 2 1 -1 P3 2 -1 T2 -1 T3

A26.	Did you (READ CHOICES)?	Stop using contraception to get
	- , (	pregnant(SKIP TO A28)1
		Get pregnant during an interruption in using
		contraception, or2
		Get pregnant while consistently using contraception
		(SKIP TO A28)
		DK1
A27.	At the time that you became pregnant (with	WANT TO BE PREGNANT THEN1
/ \Z / .	[NOIB]/with this pregnancy), did you want to	WANT TO WAIT TILL LATER2
	become pregnant then, did you want to wait until	DIDN'T WANT TO BECOME PREGNANT
		AT ALL3
	later, or did you not want to become pregnant at	DIDN'T CARE 4

DK .....-1

# **PRENATAL CARE**

A28.	How far along were you when you found out you were pregnant?	WEEKS DK RF
A29.	Did you have prenatal care with ([NOIB]'s/this) pregnancy?	YES
A30.	When was your first prenatal visit? Do not include the visit in which your pregnancy was first confirmed.	DATEMM DD YYYY  OR
	IF SHE ONLY USED A HOME PREGNANCY TEST, THEN WE'RE REFERRING TO THE FIRST VISIT AFTER THE POSITIVE HOME TEST.	WEEKS PREGNANT
Now I'	m going to ask about tests you may have had during (yo	our pregnancy with [NOIB]/this pregnancy).
AMNI	DCENTESIS	
A31.	Did you have an Amniocentesis or amnio?	YES
	DEFINITION IF NEEDED: Amniocentesis is a procedure don A thin needle is inserted through the abdomen and into the u withdrawn. The fetal cells that float in the amniotic fluid are the	terus and a few teaspoons of amniotic fluid are
A32.	What was the date or week of pregnancy when the amniocentesis was done?	DATE: MM DD YYYY
		OR
		DK RF
cvs		
A33.	Did you have Chorionic Villus Sampling or CVS?	YES

#### IF NEEDED: Chorionic villus sampling or CVS:

A34. What was the date or week of pregnancy when

This is a genetic test performed by a physician specialist to determine if a baby has a chromosome problem such as Down syndrome. It is usually performed between 10 and 13 weeks of pregnancy. To perform the test, a tiny piece of the placenta is removed from the womb using either a needle through the mother's abdomen or a thin catheter (plastic flexible tube) through the mother's vagina. The test is <u>alway</u>s performed using ultrasound to help guide the placement of the abdominal needle or vaginal catheter.

**Transvaginal ultrasound:** This is a procedure in which an ultrasound transducer shaped like a wand is placed into the mother's vagina in order to examine closely either the baby or the mother's cervix. This is used most often in the first half of the pregnancy and is very good at determining whether the due date should be changed.

(NOTE: THIS TEST ALONG WITH AN ABDOMINAL ULTRASOUND MAY GIVE SOME INFORMATION ABOUT WHETHER THE FETUS IS AT INCREASED RISK FOR DOWN SYNDROME WHEN BACK OF THE BABY'S NECK IS MEASURED BETWEEN 11 AND 13 WEEKS. HOWEVER, THIS TYPE OF ULTRASOUND EXAMINATION IS USED ONLY TO ADJUST RISK, NOT TO MAKE A DIAGNOSIS. A MOTHER WOULD HAVE TO UNDERGO EITHER A CVS OR AMNIOCENTESIS TO BE CERTAIN ABOUT THE BABY'S CHROMOSOMES.)

DATE:

	the CVS was done?			MM	DD	YYYY
			OR			
			WEEKS PREGNA	ANT		
						DK
PREN	IATAL SURGERY					
	IF TAB, SKIP A35 THROUGH	<b>438</b> .				
A35.	Were any surgical procedures proc	performed on	NO	(SKIP TO A39)		2
	A36. What was the name of the prenatal medical procedure?/Any others? LIST ALL.	A37. What was the date or pregnancy it was done		Why was the med performed? REFER (PROCEDURE)		edure
	A ASK A37 & A38  RF SKIP TO A39	OR WKS PRE	YYYYY G		ASON K	
	B ASK A37 & A38  RF SKIP TO A39	MM DD  OR  WKS PRE  DK RF			ason K	

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			п		-			u		-	v	_

A39.	Did you or ([NOIB]'s/the) father take any medications	YES(SKIP TO A55)	1
	or have any procedures to help you become pregnant for this pregnancy?	DK (SKIP TO A55)	

#### OR IF FATHER UNKNOWN:

Did you take any medications or have any procedures to help you become pregnant for this pregnancy?

### **FERTILITY DETAILS-MOTHER**

A40. Did you have any surgical procedures for this pregnancy such as: to open or rejoin your fallopian tubes, to treat uterine fibroids, or to remove endometriosis? I will ask about IVF later.

YES		1
NO	(SKIP TO A43)	2
DK	(SKIP TO A43)	1

IF NEEDED: **IVF (in vitro fertilization)** involves extracting a woman's eggs, fertilizing the eggs in the laboratory, and then transferring the resulting embryos into the woman's uterus through the cervix.

A42. A41. What was the procedure?/Are there any more FOR EACH PROCEDURE, ASK: What was the procedures? LIST ALL. date? Open fallopian tubes ......1 A. Rejoin fallopian tubes ......2 Treatment of uterine fibroids .......3 Removal of endometriosis.....4 DK Other (SPECIFY): .....-5 DK......-1 RF.....(SKIP TO Á43)....-2 Open fallopian tubes ......1 B. Rejoin fallopian tubes ......2 Removal of endometriosis......4 Other (SPECIFY): .....-5 DK.....(ASK A42).....-1 RF.....(SKIP TO A43).....

A43.	In the two months before you became pregnant with
	([NOIB]/this pregnancy), did you take any
	medications to help you become pregnant?

YES			 		1
NO	(SKIP	TO A46)	 	2	2
DK	(SKIP	TO A46)	 		1

	A44	•		A45.
MOM DOES NOT KNOW	V, READ LIST.	ou take? / Anything else? IF Was it (READ LIST)? RECORD		n and year to what month take (MEDICATION)?
ALL BELOW. IF NO OR				
Bromocriptine	Lupron	Provera		
Clomid	Lutrepulse	Serophene		
Clomiphene citrate	Metrodin	Synarel		
Danazol	Parlodel	Unknown fertility medication		
Danocrine	Pergonal	Unknown injection		
Depo-Provera	Pregnyl	Unknown vaginal medication	n	
Factrel	Profasi HP	Other medication		
		(SPECIFY)		
		,	FROM:	
			1 1 OWI	MM YYYY
				DK DK
		<del></del>		
EID	OT MEDIO 4 TIG	NI / IN JECTION		
FIR	SIMEDICATION	ON / INJECTION	T0	
			TO:	
	ASK A45	RF SKIP TO A46		DK DK
	ASK A43	AI SKIF TO A40		
			550.4	
			FROM:	MM YYYY
				DK DK
050		IONI / INLIFOTIONI		
SEC	OND MEDICAT	ION / INJECTION	TO:	
			10	
DK	ASK A45	RF SKIP TO A46		DK DK
			FROM:	
			1 110IVI	MM YYYY
<del></del>				
TLII	BD MEDICATIO	ON / INJECTION		
1111	TID WILDIOATIC	SIN / INSECTION	TO:	
			10	
DK	ASK A45	RF SKIP TO A46		DK DK
			FROM:	
				MM YYYY
				DK DK
				אט ביי
FOLI	RTH MEDICAT	ION / INJECTION		
100	WEDIOAT	OIT, INCLUTION	TO:	
		_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DK	ASK A45	RF SKIP TO A46		DK DK

# FERTILITY DETAILS-PROCEDURES

A46. In the 2 months (before your pregnancy with [NOIB]/before you became pregnant with this pregnancy), did you have any other procedures to help you become pregnant?

YES		.1
NO	(SKIP TO A52)	.2
	(SKIP TO A52)	
	· ·	

A47.	A48.	A49.	A50.	A51.			
Which procedure(s) did you receive in the 2 months before ([NOIB]/this pregnancy) was conceived?/Anything else?	IF ANY PROCEDURE EXCEPT ICSI: Did part of that procedure involve intracytoplasmic sperm injection or ICSI?	What was the date of the last procedure?	Were donor egg(s), donor sperm, or donor embryo(s) used on (DATE)?	frozen sperm, or frozen embryo(s) used on (DATE)?			
ARTIFICIAL OR INTRAUTERINE INSEMINATION	IF NEEDED: ICSI (intracytoplasmic sperm injection). For some IVF procedures, fertilization involves a specialized technique known as intracytoplasmic sperm injection (ICSI). In ICSI a single sperm is injected directly into the woman's egg.	MM DD  DK DK	Y         N         DK           EGG(S)         1         2         -1           SPERM         1         2         -1           EMBRYO(S)         1         2         -1	Y N DK  EGG(S) 1 2 -1  SPERM 1 2 -1  EMBRYO(S) 1 2 -1			
DK(ASK A48-A51)1 RF(SKIP TO A52)2	YES						
ARTIFICIAL OR INTRAUTERINE INSEMINATION		DK DK	EGG(S)	EGG(S)			
DK(ASK A48-A51)1 RF(SKIP TO A52)2	YES 1 NO 2 DK1						

A52.	IF FATHER UNKNOWN, SKIP TO A55.	

Did ([NOIB]'s/the) father have any procedures or
surgeries before this pregnancy to help you become
pregnant?

YES		1
	(SKIP TO A55)	
	SKIP TO A55)	

A53. A54

A53.	A34.
What was the procedure? PROBE: Are there any more procedures? LIST ALL.	FOR EACH PROCEDURE, ASK: What was the date? REFERRING TO (PROCEDURE)
ADK ASK A54 RF SKIP TO A55	DK DD YYYY
B  DK □ ASK A54 RF □ SKIP TO A55	MM DD YYYY

# **COMPLICATIONS PREVENTION MEDICATIONS**

- A55. After you became pregnant, did you take any medications to prevent pregnancy complications or pregnancy loss such as hormones, steroids or injections?
- A56. What did you take?/Did you take anything else? LIST ALL. IF CAN'T RECALL, READ LIST: Was it...?

YES		1
NO	(SKIP TO A61)	2
	(SKIP TO A61)	

Anti D Globulin	🗖
Brethine	🗖
Channel Blockers	🗖
Depo-Provera	🗖
Magnesium Sulfate	🗖
Progesterone	🗖
Rhogam	🗖
Unknown Steroids	🗖
RF (SKIP TO A61)	🗖
1.	_DK
2	_DK
3	_DK

FOR EACH MED, ASK A57-A60. IF GET EXACT DATES IN A57 **AND** A58, SKIP A59. IF GET PARTIAL DATES OR DK IN A57 **AND/OR** A58, ASK A59.

	<b>A</b> 57.	A58.	A59.	A60.
	Between (P1) and ([DOIB]/[DOPT]), when did you start using (MEDICINE)	When did you stop using (MEDICINE)? OR ASK A59	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL
	for this condition?	CITACIANOS		CODES IN APPENDIX
DRUG	MM DD YYYY	MM DD YYYY	DURATION	FREQUENCY
1  DK ASK A57-A60  RF SKIP TO A61	DK	DK	DAY(S)	PER DAY
2  DK ASK A57-A60  RF SKIP TO A61	DK D D	DK	DAY(S)	PER DAY
3 DK ASK A57-A60 RF SKIP TO A61	DK	DK	DAY(S)	PER DAY

# **MORNING SICKNESS**

							,	1.1	F /	
NOW	l have some	allestions a	about i	mornina	SICKNESS	durina i	(volir	nreanancy with	[NOIB]/vour pred	าทลทะพา

A61.	During this pregnancy, did you have morning sickness
	or nausea?

YES		
NO	(SKIP TO A71)	
DK	(SKIP TO A71)	_

A62.  During which month(s) did you have nausea or vomiting?  MO YES NO DK				A63. How often during (SPECIFY MONTH) did you have nausea? Would you say it was (READ LIST)?	A64. How often during (SPECIFY MONTH) did you have vomiting? Would you say it was (READ LIST)?
	(ASK A63- A64)	(NEXT PERIOD)	(NEXT PERIOD)		
P1	1	2	-1	Never	Never       0         Less than once a week       1         Once a week       2         Several days a week       3         Once per day       4         2-3 times per day       5         More than 3 times per day       6         DK       -1
P2	1	2	-1	Never	Never       0         Less than once a week       1         Once a week       2         Several days a week       3         Once per day       4         2-3 times per day       5         More than 3 times per day       6         DK       -1
P3	1	2	-1	Never	Never       0         Less than once a week       1         Once a week       2         Several days a week       3         Once per day       4         2-3 times per day       5         More than 3 times per day       6         DK       -1
T2	1	2	-1	Never	Never       0         Less than once a week       1         Once a week       2         Several days a week       3         Once per day       4         2-3 times per day       5         More than 3 times per day       6         DK       -1
ТЗ	1	2	-1	Never	Never       0         Less than once a week       1         Once a week       2         Several days a week       3         Once per day       4         2-3 times per day       5         More than 3 times per day       6         DK       -1

		Did you have any medical treatment or take any nedications for your nausea or vomiting?				NO	YES			
	CH MED, AS A68, ASK A		70. IF GE	T EXACT DA	TES IN A	.67 <b>AND</b>	A68, SKIP A69	). IF GET PARTI	AL DATES OR DK IN A67	
А	.66.		A67.			A6	8	A69.	A70.	
What did		([DOIB]/ you star for your	n (P1) aı [DOPT]) rt using ( nausea	nd when did (MEDICINE)	When (MEDIC	did you CINE)?	stop using	How long did you take it?		
LIST ALL. EVERY M ASK A67-	IEDICINE,	vomiting	g?							
		MM	DD	YYYY	MM	DD	YYYY	DURATION	FREQUENCY	
1			<u> </u>					LLL DK	PER DAY	
_	SK A67-A70 (IP TO A71	DK			DK			DAY(S)	PER MONTH	
2								DK		
	SK A67-A70 (IP TO A71	DK			DK			DAY(S)	PER MONTH	
DIARRI	HEA									
t v c	hrough you vould be (B	r 3 <sup>rd</sup> mon 3 through	th of pre P3), dic	ecame pregregation progressive	ch ave		NO	(SKIP TC	D A73)	
A72. (	A72. On about how many days did you have diarrhea?  # OF DAYS									
DIETING	G									
Now I ha		questions	about w	eight chang	e before	and du	ring the early	part of (your pro	egnancy with [NOIB]/you	
	How much ovith [NOIB]/			ore (your pre	egnancy				DK RF	

A74.	At any time from 3 months before you became pregnant through your 3 <sup>rd</sup> month of pregnancy did you try to lose weight?	YES       1         NO       (SKIP TO A76)       2         DK       (SKIP TO A76)       -1         RF       (SKIP TO A76)       -2
A75.	Did you try to lose weight by (READ CHOICES)? CHOOSE ALL THAT APPLY	Eating less food or skipping meals or fasting
	A75a. ENTER MEDICINES AND HERBS	A. SPECIFY MEDICINES/HERBS:
	A75b. ENTER ANY OTHER WEIGHT LOSS METHODS.	B. SPECIFY OTHER WEIGHT LOSS METHODS:
Now I	am going to ask you about actual weight change in ear	ly pregnancy.
A76.	During the <b>first 3 months of</b> your pregnancy, (P1 through P3) did you gain weight, lose weight, or stay the same?	GAIN
A77.	How much weight did you (gain/lose) in that period?	WEIGHT (GAIN/LOSS)
A78.	Overall, how much weight did you gain or lose during the entire pregnancy?	ENTER NUMBER  DK RF  POUNDS  KG
A79.	PROBE: IF NOT VOLUNTEERED, ASK: Was that a gain or a loss? ENTER GAIN/LOSS/NO CHANGE.	GAIN
A80.	What is your height without shoes?	FEETDK RF
		INCHESDK RF OR
		CENTIMETERSDK RF

#### **SECTION B: MATERNAL HEALTH—DIABETES**

At this time, and at other times during this interview, I will be asking you about illnesses you may have had and various kinds of medications or remedies you may have used. Please include medications prescribed by a health care practitioner and medications you might have obtained without a prescription from stores, pharmacies, friends or relatives, as well as herbal or home remedies. Now I have some questions about your health.

B1.	Were you ever told by a doctor that you had diabetes (including gestational diabetes), sometimes called sugar diabetes or diabetes mellitus?	YES
B2.	What type of diabetes did you have? Was it (READ LIST)?	Gestational, that is during pregnancy only
B3.	What month and year were you first diagnosed?	DATEMM YYYY  DK DK DK
	PROBE: How old were you when you were diagnosed? <b>SEE SPECIAL CODES IN APPENDIX</b> .	OR AGE IN YEARS
B4.	Did you ever take insulin?	YES
B5.	At what age did you start taking insulin?  SEE SPECIAL CODES IN APPENDIX.	AGE IN YEARSDK
B6.	Have you been taking insulin continuously since that time?	YES
B7.	When did you stop taking it?	DATEMM YYYY
	SEE SPECIAL CODES IN APPENDIX.	OR AGE IN YEARS
	MEMO FIELD FOR MORE COMPLEX INSULIN-TAKING PA	ATTERNS:

B8.	Did you do anything else to manage your diabetes or its complications between your first month of pregnancy and the end of your pregnancy?	YES
B9.	What did you do? Did you? READ OPTIONS. CHOOSE ALL THAT APPLY.	a. Modify your eating habits(ASK B10)
B10.	IF B9 = a OR b: In order to modify your eating habits or control your weight, did you? READ OPTIONS. CHOOSE ALL THAT APPLY.	Follow a diet specifically for diabetes
B11.	IF B9 = c, ASK B11-B15 THEN SKIP TO B17. What medications did you take?/Did you take anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST: Did you take?	Diabeta       □         Diabinese       □         Glucophage       □         Glucotrol       □         Glucotrol XL       □         Glynase Prestab       □         Micronase       □         Other       (SPECIFY)       □         RF       (SKIP TO B16)       □         1.       □       □         2.       □       □         3.       □       □

FOR EACH MED, ASK B12-B15. IF GET EXACT DATES IN B12 **AND** B13, SKIP B14. IF GET PARTIAL DATES OR DK IN B12 **AND/OR** B13, ASK B14.

	B12.	B13.	B14.	B15.
		When did you stop using (MEDICINE)?	How long did you take it?	How often did you use (MEDICINE)?
	(MEDICINE) for this illness?	OR ASK B14		SEE SPECIAL CODES IN APPENDIX
DRUG	MM DD YYYY	MM DD YYYY	DURATION	FREQUENCY
1 DK ASK B12-B15 RF SKIP TO B16	DK	DK	Day(s)	Per Day
2 DK ASK B12-B15 RF SKIP TO B16	DK D	DK D	Day(s)	Per Day
3 DK ASK B12-B15 RF SKIP TO B16	DK	DK	Day(s)	Per Day
B16. IF B9 = d: What else did	d you do?/Anything else?	1 2 3		DK□ DK□ DK□
	d (this measure/these measurolling your diabetes? NS	Most of the tine Part of the tine Never or rare DK	mely	

# MATERNAL HEALTH-HIGH BLOOD PRESSURE

B18.	Were you ever in your life told by a doctor that you had high blood pressure, toxemia, preeclampsia or eclampsia?	YES
B19.	What type of high blood pressure did you have? Was it <b>Pregnancy-related</b> - that is during pregnancy only? This might also be called pregnancy-induced toxemia or preeclampsia or eclampsia. Or was it <b>Chronic high blood pressure or chronic hypertension</b> ? This is high blood pressure that is not related to your pregnancy. This may have been diagnosed during pregnancy but did not go away after the pregnancy ended.	PREGNANCY RELATED(ASK B20, SKIP B21)
B20.	When were you first diagnosed with high blood pressure?	DATEMM YYYY  DK D DK
	PROBE: How old were you when you were diagnosed? SEE SPECIAL CODES IN APPENDIX.	OR AGE IN YEARS
B21.	SKIP IF B19 = 1: Were you pregnant at the time?	YES 1 NO 2 DK -1 RF -2
B22.	Did you have pregnancy-related high blood pressure when you were pregnant with ([NOIB]/this pregnancy)?  PROMPT: Pregnancy-related means during pregnancy only. This might also be called pregnancy-induced toxemia or pre-eclampsia or eclampsia.	YES
B23.	Did you take any medications or remedies for high blood pressure from 3 months before you became pregnant, which would be (B3), to the end of your pregnancy?	YES

B24.	What did you take? / Did you take anything
	else? LIST ALL. IF CAN'T RECALL, READ FROM
	DRUG LIST: Did you take?

Ace Inhibitor (NOS)
Aldomet Tablet
Antihypertensive (NOS)
Atenolol
Beta Blocker (NOS)
Capoten
Diltiazem HCL
Enalapril Maleate
Hydralazine/HCTZ
Lisinopril
Metoprolol
Nifedipine
Propranolol
Quinapril HCL
Ramipril
Verapamil
Other(SPECIFY)
RF(SKIP TO B29)
1DK
2DK
3. DK

FOR EACH MED, ASK B25-B28. IF GET EXACT DATES IN B25 **AND** B26, SKIP B27. IF GET PARTIAL DATES OR DK IN B25 **AND/OR** B26, ASK B27.

	B25.	B26.	B27.	B28.
	Between (B3) and ([DOIB]/[DOPT]), when did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B27	How long did you take it?	How often did you use (MEDICINE)?
				SEE SPECIAL CODES IN APPENDIX
DRUG	MM DD YYYY	MM DD YYYY	DURATION	FREQUENCY
1 DK ASK B25-B28				LLL DK
RF SKIP TO B29	DK	DK D D	Day(s)	Per Day
2 DK ASK B25-B28				
RF SKIP TO B29	DK	DK	Day(s)	Per Day
3 DK ASK B25-B28				
RF SKIP TO B29	DK	DK	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4

# **MATERNAL HEALTH-SEIZURES**

B29.	Have you ever had seizures?	NO(SKIP TO B40) DK(SKIP TO B40)	
B30.	Were you ever told by a doctor that you had epilepsy?	YES(SKIP TO B38) NO(SKIP TO B38) DK(SKIP TO B38)	
B31.	How old were you when you were told that you had epilepsy? SEE SPECIAL CODES IN APPENDIX.	AGE IN YEARS	 DK□
B32.	Did you take any medications or remedies for epilepsy from 3 months before you became pregnant to the end of your pregnancy?	YES(SKIP TO B40) NO(SKIP TO B40) DK(SKIP TO B40)	2
B33.	What did you take? / Did you take anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST: Did you take?	Depakene, Depakote, valproic acid  Dilantin, phenytoin  Felbatol  Klonopin, clonazepam  Lamictal  Phenobarbital  Tegretol, Carbatrol  Other(SPECIFY)  RF(SKIP TO B40)	
		1	
		2	_
		3	DK

FOR EACH MED, ASK B34–B37. IF GET EXACT DATES IN B34 **AND** B35, SKIP B36. IF GET PARTIAL DATES OR DK IN B34 **AND/OR** B35, ASK B36.

			B34.			B35		B36.	B37.
Between		Between (B3) and		When d	id you s	stop using	How long did	How often did	
])		([DOIB]/[DOPT]), when did			(MEDICINE)?		you take it?	you use	
VC		you start using (MEDICINE)		,			(MEDICINE)?		
		for this i		,	OR ASK	B36			,
									SEE SPECIAL
									CODES IN
									APPENDIX
	DRUG	MM	DD YYY	Υ	MM	DD	YYYY	DURATION	FREQUENCY
1								LLL DK	
	SK B34-B37								
				1				D = v/= \	Per Day 1
RF S	KIP TO B40	DK		ı	DK	Ч		Day(s) 1 Week(s) 2	Per Week 2
								Month(s)3	Per Month 3
								(-)	Per Year 4
		l, , ,,		1 1		1 11	1 1 1 1	l <u> </u>	1
2									
	SK B34-B37								
		DK		1	DK			Day(s)1	Per Day 1
RF <b>L</b> S	KIP TO B40	DK 📥		4		_	_	Week(s)2	Per Week 2
								Month(s)3	Per Month 3 Per Year 4
									1 61 1641 4
		11 1 11	1 11 1 1	1 1	1 1 11	1 11	I I I I I		
3									
DK 🔲 A	SK B34-B37	_		_	_	_	_		D D 4
		DK		]	DK			Day(s) 1	Per Day 1 Per Week 2
RF S	KIP TO B40							Week(s)2	Per Month 3
								Month(s)3	Per Year4
		SKIP	TO B40.						
B38.	Did you ever h	nave seizı	ures that wer	re not re	lated				
	to fever?							(SKIP TO B40)	
						DK.		(SKIP TO B40)	1
Dan	Did you take a	anu madia	ationa or re-	nadiaa f	or	VEQ	(GO BACK	TO B33 AND FILL OL	IT CHART\ 1
B39.	Did you take a								
	seizures from				!	_			
	pregnant to th	e end of y	our pregnar	icy?					

# MATERNAL HEALTH-RESPIRATORY ILLNESS

B40. From 3 months before you became pregnant to the end of your pregnancy, did you have a cold or flu?

A. IF YES: How many episodes did you have?

 YES
 1

 NO
 (SKIP TO B53)
 2

 DK
 (SKIP TO B53)
 -1

# OF EPISODES .....

IF DK: How many episodes do you remember?

FOR EACH ILLNESS, ASK B41-B44. IF GET EXACT DATES IN B41 **AND** B42, SKIP B43. IF GET PARTIAL DATES OR DK IN B41 **AND/OR** B42, ASK B43.

When did your (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> )			
1111011 and 30an (1 /2 /0 /	When did the illness stop?	How long did	When you were ill on this occasion,
cold or flu episode start?		the illness	did you have any of the following?
	OR ASK B43	last?	(READ LIST).
			YES NO DK
MM DD YYYY DK	MM DD YYYY DK	DAY(S)	a. Respiratory symptoms such as a cough, congestion or runny nose
	MM DD YYYY	OR ASK B43  MM DD YYYY MM DD YYYY	OR ASK B43   last?

WEEK(S) 2 MONTH(S) 3  a cough, congestion or runny nose
---

	B45.	B46.	B47.	B48.	
	How long did the fever last?	What was the highest temperature recorded during your fever?	Did you take any medications or remedies for this illness?	What did you take? / Did you to anything else? LIST ALL. IF CA RECALL, READ FROM DRUG Did you take?	AN'T
1.	HOUR(S) 1 DAY(S) 2 WEEK(S) 3 MONTH(S) 4	DK NOT RECORDED SAHRENHEIT F CENTIGRADE C	YES	Acetaminophen Advil	
2.	DK	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES	Acetaminophen	

FOR EACH MEDICINE (BY ILLNESS) ASK B49–B52. IF GET EXACT DATES IN B49  ${
m AND}$  B50, SKIP B51. IF GET PARTIAL DATES OR DK IN B49  ${
m AND/OR}$  B50, ASK B51.

	B49.	B50.	B51.	B52.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B51	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
1.	DRUG			
	NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53			LLI DK 🗖
	MM DD YYYY  DK	MM DD YYYY	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4
2.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LLI DK	L∐ dK □
	DK DD YYYY	MM DD YYYY	Day(s)	Per Day
3.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53			L∐ dk □
	MM DD YYYY	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
4.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LLL DK	Шок□
	MM DD YYYY DK	MM DD YYYY	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
5.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LLL DK	LLJ DK 🗖
	MM DD YYYY DK	MM DD YYYY	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4

# **MATERNAL HEALTH-INFECTIONS**

B53. From 3 months before you became pregnant to the end of your pregnancy, did you have any of the following illnesses...? READ LIST

A.	a kidney, bladder, or urinary tract infection?	YES
В.	pelvic inflammatory disease or PID?	YES

IF NO TO BOTH A AND B, SKIP TO B65. FOR EACH YES, ASK B54-B60.

	B54.		B55.			B56.
	Was the (infection/ PID) diagnosed by a doctor?	During which illness?			ave the	When you were sick with (infection/PID), did you have a fever?
<b>-</b>		MO	YES	NO	DK	and you make a love.
A. kidney, bladder, or urinary tract infection (UTI)	YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	YES
B. PID	YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	YES

B57.

B60.

	How long did the fever last?	What was the highest temperature recorded during your fever?	Did you take any medications or remedies for your (ILLNESS)?	What did you take? / Did you take anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST: Did you take?
A.	HOUR(S)	DK NOT RECORDED FAHRENHEITF	YES	Amoxicillin, Amoxil, Trimox
B.	DK	DK NOT RECORDED FAHRENHEITF CENTIGRADEC	YES	Amoxicillin, Amoxil, Trimox

FOR EACH MEDICINE (BY ILLNESS) ASK B61-B64. IF GET EXACT DATES IN B61 **AND** B62, SKIP B63. IF GET PARTIAL DATES OR DK\_IN B61 **AND/OR** B62, ASK B63.

	B61.	B62.	B63.	B64.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B63	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX.
			DURATION	FREQUENCY
	ILLNESS A: KIDNEY, BLADDER, UTI			
	IF DK DRUG ASK B61-B64 IF RF DRUG SKIP TO B65			
1.	DRUG NAME		L∐ DK <b>□</b>	L∐ DK <b>□</b>
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4
2.	DRUG NAME			
	MM DD YYYY	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
3.	DRUG NAME		LLL DK	LLI DK
	MM DD YYYY DK	MM DD YYYY	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
	ILLNESS B: PID IF DK DRUG ASK B61-B64 IF RF DRUG SKIP TO B65			
4.	DRUG NAME		L	L
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4
5.	DRUG NAME		L∐ DK□	
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4
6.	DRUG NAME		L∐ dK <b>□</b>	L∐ DK <b>□</b>
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4

# **MATERNAL HEALTH-OTHER FEVER**

365. From 3 months before you became pregnant to the end of your pregnancy, did you have any fevers that we haven't already talked about, including those due to bronchitis, pneumonia, infection, or other illness?					ve any bout,	NC DK	S(SKIP	TO B77)	2
	A. IF YES: How many	y fever	s did y	ou ha	ve?		OF FEVERS		L L
	B66.  What was the cause of the (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> ) fever?/Any other fevers? LIST EACH EPISODE OF FEVER EVEN IF CAUSE NOT KNOWN AND ASK	(CAUS during	B6 n you h SE OF g which hs did er?	nad FEVE h of th	nose	B68. How long did the fever last?	B69. What was the highest temperature recorded during your fever?	B70.  Did you have a rash with this fever?	B71.  Did you take any medications or remedies for (CAUSE OF FEVER)?
A.	CAUSE OF FEVER	MO  B3 B2 B1 P1 P2 P3 T2 T3	YES  1 1 1 1 1 1 1 1 1 1 1	NO 2 2 2 2 2 2 2 2 2 2	DK -1 -1 -1 -1 -1 -1 -1 -1	DK DHOUR(S)1 DAY(S)2 WEEK(S)3 MONTH(S)4	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES1 NO2 DK1	YES
В.	CAUSE OF FEVER	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	DK DHOUR(S)1 DAY(S)2 WEEK(S)3 MONTH(S)4	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES1 NO2 DK1	YES
C.	CAUSE OF FEVER	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	DK HOUR(S)1 DAY(S)2 WEEK(S)3 MONTH(S)4	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES1 NO2 DK1	YES

FOR EACH MEDICINE (BY ILLNESS) ASK B73-B76. IF GET EXACT DATES IN B73 **AND** B74, SKIP B75. IF GET PARTIAL DATES OR DK IN B73 **AND/OR** B74, ASK B75.

•	B72.	B73.	B74.
	What did you take? Did you take anything else? CODE ALL THAT APPLY. IF CAN'T RECALL, READ	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)?
	FROM DRUG LIST: Did you take?  IF DK DRUG ASK B73-B76		OR ASK B75
	IF RF DRUG SKIP TO B77		
A.	Acetaminophen	DRUG 1	
	Aleve	MM DD YYYY	MM DD YYYY
	Motrin	DK	DK
	Tylenol Other (SPECIFY) RF(SKIP TO B77)	DRUG 2	
	1DK□ 2DK□ 3DK□	DK DD YYYY	DK DD YYYY
B.	Acetaminophen	DRUG 3	
	Aspirin.   Ibuprofen   Motrin	MM DD YYYY	MM DD YYYY
	Naproxen Sodium	DRUG 4	DK
	Other (SPECIFY)		
	2. DKD 3. DKD	DK DD YYYY	DK DD YYYY
_			
C.	Acetaminophen	DRUG 5	
	Aspirin	MM DD YYYY	MM DD YYYY
	Naproxen Sodium	DRUG 6	
	Other (SPECIFY)         □           RF(SKIP TO B77)         □           1         DK□	MM DD YYYY	
	2DK□ 3DK□		DK D D YYYY

		B75.	B76.
		How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
		DURATION	FREQUENCY
A.	DRUG 1	Day(s)	Per Day
	DRUG 2	Day(s)	Per Day
		<u> </u>	
B.	DRUG 3	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 4	Day(s)	Per Day
C.	DRUG 5	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 6	Day(s) 1 Week(s) 2 Month(s) 3	Per Day

### MATERNAL HEALTH-OTHER DISEASES

B77. From 3 months before you became pregnant to the end of your pregnancy, did you have any other illnesses that we haven't already talked about such as infectious diseases including sexually transmitted diseases, or chickenpox?

YES		1
NO	. (SKIP TO B87)	)2
DK	. (SKIP TO B87)	)1

	B78.	B79.		B80	).		B81.	B82.
	What did you have? / Did you have anything else? LIST ALL. FOR EACH ILLNESS ASK B79-B86.	When was it first diagnosed? REFERRING TO (CONDITION)  PROBE: How old were you when you were diagnosed?	([DOIB]/[DOPT]), when did				Did you take any medications or remedies for (ILLNESS)?	What did you take? Did you take anything else?  LIST ALL
A.	ILLNESS DK ASK B79-B82 RF SKIP TO B87	OR AGE IN YEARS DK  SEE SPECIAL CODES IN APPENDIX.	MO  B3  B2  B1  P1  P2  P3  T2  T3	YES  1 1 1 1 1 1 1 1 1 1 1 1 1	NO 2 2 2 2 2 2 2 2 2 2 2	DK -1 -1 -1 -1 -1 -1 -1 -1	YES	1
B.	ILLNESS  DK ASK B79-B82  RF SKIP TO B87	OR AGE IN YEARS DK  SEE SPECIAL CODES IN APPENDIX.	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES	1
C.	ILLNESS DK ASK B79-B82 RF SKIP TO B87	OR AGE IN YEARS DK  SEE SPECIAL CODES IN APPENDIX.	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES	1

FOR EACH MEDICINE, ASK B83–B86. IF GET EXACT DATES IN B83 **AND** B84, SKIP B85. IF GET PARTIAL DATES OR DK IN B83 **AND/OR** B84. ASK B85.

	B83.	B84.	B85.	B86.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)?  OR ASK B85	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
		ON ASK BOS	DURATION	FREQUENCY
A.	DRUG 1		LLL DK	L∐ dk□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
	DRUG 2			
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4
B.	DRUG 3			
	MM DD YYYY DK	MM DD YYYY DK	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
	DRUG 4			L∐ DK□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4
C.	DRUG 5		L∐ DK□	
	MM DD YYYY DK	MM DD YYYY DK	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4
	DRUG 6			L∐ dk□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day       1         Per Week       2         Per Month       3         Per Year       4

B87.	Have you ever been diagnosed with any other chronic
	diseases or illnesses that we haven't talked about such as
	asthma, thyroid disease, an autoimmune disease, or other
	chronic or long-term diseases?

YES	
NO	(SKIP TO B97) 2
	SKIP TO B97)

PROBE: Such as rheumatoid arthritis, psoriasis, alopecia, lupus, Addison's disease, pernicious anemia, celiac disease, multiple sclerosis, myasthenia gravis or Guillain-Barre Syndrome.

	B88.	B89.		В9	0.		B91.	B92.
	What did you have? / Did you have diagnosed? anything else? LIST ALL. FOR EACH ILLNESS ASK B89-		Between (B3) and ([DOIB]/[DOPT]) when did you have symptoms?				Did you take any medications or remedies for (ILLNESS)?	What did you take? Did you take anything else?
	B96.	PROBE: How old were you when you were diagnosed?	MO	YES	NO	DK		LIST ALL
Α.	ILLNESS DK ASK B89-B92	MM YYYY	B3 B2 B1 P1	1 1 1	2 2 2 2	-1 -1 -1 -1	YES 1 NO (SKIP TO B97) 2 DK (SKIP TO B97)1	1
	RF SKIP TO B97	OR AGE IN YEARS LLL DK	P2 P3 T2 T3	1 1 1 1	2 2 2 2	-1 -1 -1 -1		34 ASK B93-B96
		SEE SPECIAL CODES IN APPENDIX.						RF SKIP TO B97
В.	ILLNESS  DK ASK B89-B92  RF SKIP TO B97	OR AGE IN YEARS LLL DK	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES1 NO(SKIP TO B97)2 DK(SKIP TO B97)1	1 2 3 4 DK ASK B93-B96 RF SKIP TO B97
		SEE SPECIAL CODES IN APPENDIX.						
O.	ILLNESS DK ASK B89-B92 RF SKIP TO B97	OR AGE IN YEARS DK	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES	1 2 3 4 DK ASK B93-B96 RF SKIP TO B97
		SEE SPECIAL CODES IN APPENDIX.						TII SNIF IO 69/

FOR EACH MEDICINE, ASK B93-B96. IF GET EXACT DATES IN B93 **AND** B94, SKIP B95. IF GET PARTIAL DATES OR DK IN B93 **AND/OR** B94, ASK B95.

	B93.	B94.	B95.	B96.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)?  OR ASK B95	How long did you take it?  DURATION	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX FREQUENCY
Α.	DRUG 1  MM DD YYYY  DK	MM DD YYYY	Day(s)	Per Day
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day
B.	DDIIC 2			
	DRUG 3  MM DD YYYY  DK	MM DD YYYY	Day(s)	Per Day
	DRUG 4	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
C.	DDUG 5			
	DRUG 5  MM DD YYYY  DK	MM DD YYYY	Day(s)	Per Day
	DRUG 6			
	MM DD YYYY	MM DD YYYY	Day(s)       1         Week(s)       2         Month(s)       3	Per Day       1         Per Week       2         Per Month       3         Per Year       4

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# **MATERNAL HEALTH-INJURIES**

B97.	From 3 months before you became pregnant to	
	the end of your pregnancy, were you injured by,	
	for example, a car accident, fall, or being hurt by	
	another person?	

YES		
NO	(SKIP TO B106)	2
DK		

	B98.	B99.	B100.	B101.
	What was the cause and what injuries did you have? / Anything else? ASK B99-B105 FOR EACH.	What was the date of your (INJURY)?	Did you take any medicine or receive any injections because of the injury(s)?	What did you take? Did you take anything else? LIST ALL.
Α.	INJURY	MM DD YYYY DK	YES	1
	DK ASK B99-B101  RF SKIP TO B106			DK ASK B102-B105 RF SKIP TO B106
B.	INJURY	MM DD YYYY DK	YES	1 2 3
	CAUSE  DK ASK B99-B101  RF SKIP TO B106		10 8100)	4  DK ASK B102-B105  RF SKIP TO B106
C.	INJURY	MM DD YYYY	YES	1
	DK ASK B99-B101 RF SKIP TO B106			DK ASK B102-B105  RF SKIP TO B106

FOR EACH MEDICINE (BY INJURY), ASK B102–B105. IF GET EXACT DATES IN B102  $\bf AND$  B103, SKIP B104. IF GET PARTIAL DATES OR DK IN B102  $\bf AND/OR$  B103, ASK B104.

	B102.	B103.	B104.	B105.
	When did you start using (MEDICINE) for this injury?	When did you stop using (MEDICINE)?	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN
		OR ASK B104	DURATION	APPENDIX FREQUENCY
A.	INJURY			
	DRUG 1		LL DK	L∐ dK□
	MM DD YYYY DK	DK DD YYYY	Day(s)	Per Day
	DRUG 2		L∐ DK <b>□</b>	
	MM DD YYYY	MM DD YYYY DK	Day(s)	Per Day
_				
B.	INJURY			
	DRUG 3			
	MM DD YYYY DK	DK DD YYYY	Day(s)	Per Day
	DRUG 4		L∐ dk□	
	MM DD YYYY DK	DK D YYYY	Day(s)	Per Day
C.				
0.	INJURY			
	DRUG 5			
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day
	DRUG 6		L∐ dk <b>□</b>	
	MM DD YYYY DK	MM DD YYYY	Day(s)       1         Week(s)       2         Month(s)       3	Per Day

YES..... 1

NO.....2 DK .....-1

DK ASK B112-B115

RF SKIP TO B116

### **MATERNAL HEALTH-SURGERY**

B106.

B106. From 3 months before you became pregnant to the end of your pregnat you have any surgical procedures?				y, did		NO	(SKIP TO B11 (SKIP TO B11	6)2
ı	B107.	B108.		В1	09.		B110.	B111.
What was done? / Anything else? ASK B108- B115 FOR EACH.  Did you have general anesthesia or local anesthesia? REFERRING TO (PROCEDURE)		What month did the procedure take place?				Did you take any medicine or receive any injections because of the surgery?	What did you take?/ Did you take anything else?  LIST ALL.	
			MO	YES	NO	DK		
DK A	URGERY ASK B108-B111 SKIP TO B116	GENERAL ANESTHESIA? YES	B3 B2 B1 P1 P2 P3 T2	1 1 1 1 1 1	2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	YES	1

2

T3

-1

SURGERY  DK ASK B108-B111  RF SKIP TO B116  GENERAL ANESTHESIA? YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1 -1	YES1 NO (SKIP TO B116) . 2 DK (SKIP TO B116) -1	1
---	--	---------------------------------	---	--	---	---

FOR EACH MEDICINE (BY SURGERY) ASK B112–B115. IF GET EXACT DATES IN B112  $\bf AND$  B113, SKIP B114. IF GET PARTIAL DATES OR DK IN B112  $\bf AND/OR$  B113, ASK B114.

MEDICINÉ) for this surgery?   MEDICINÉ)?   it?   MEDICINÉ)?		B112.	B113.	B114.	B115.
A. SURGERY  DRUG 1  DRUG 2  DRUG 2  DRUG 2  DRUG 2  DRUG 2  DRUG 3  DRUG 4  DRUG 4  DRUG 4  DRUG 4  DRUG 4  DRUG 5  DRUG 5  DRUG 6  DRUG 7  DRUG 7  DRUG 9  PROP Month 9  PROP DRUG 9  PROP DRUG 9  PROP MONTH 9  PROP DRUG 9  PROP DRUG 9  PROP MONTH 9  PROP DRUG 9  PROP DRUG 9  PROP NOTH					How often did you use (MEDICINE)?
A. SURGERY  DRUG 1    Day(s)   Day(s)   Per Day   Per Week   Per Month   Per Year			OR ASK B114	DURATION	
Day(s)	A.	SURGERY			
MM       DD       YYYY       Week(s)       2 Per Week       Per Month         DRUG 2       Day(s)       1 Week(s)       2 Per Week       Per Month         MM       DD       YYYY       Week(s)       2 Per Week       Per Month         DRUG 2       Day(s)       2 Per Week       Per Month       Per Month         DRUG 3       Day(s)       1 Per Day       Per Week       Per Month         DRUG 3       Day(s)       2 Per Week       Per Month       Per Month         DRUG 4       Day(s)       2 Per Week       Per Month       Per Month       Per Month       Per Year         DRUG 4       Day(s)       1 Per Day       Day(s)       1 Per Day       Day(s)       1 Per Day       Day(s)       Per Month       Per Month       Per Month       Per Meek       Per Month       Per Meek       Per Month       Per Meek       Per Month       Per Meek       Per Month		DRUG 1		L∐ dk□	L∐ dK□
B. SURGERY			==	Week(s)2	Per Day       1         Per Week       2         Per Month       3         Per Year       4
MM       DD       YYYY       Week(s)       2 Per Week       Per Month       Per Month       Per Month       Per Month       Per Week       Per Month       Per Month       Per Month       Per Month       Per Month       Per Month       Per Day       MM       DK       DK       Per Day       Per Week       Per Month       Per Month       Per Month       Per Month       Per Year       DK		DRUG 2		L∐ DK□	L∐ dK□
DRUG 3				Week(s)2	Per Day       1         Per Week       2         Per Month       3         Per Year       4
Day(s)       1       Per Day       Per Week       Per Week       Per Month       Per Day       Per Month       Per Month       Per Year       Per Day       Per Week       Per Week       Per Week       Per Week       Per Week       Per Month	В.	SURGERY			
MM       DD       YYYY       Week(s)       .2       Per Week		DRUG 3		L∐ DK□	LLL DK
				Week(s)2	Per Day       1         Per Week       2         Per Month       3         Per Year       4
MM DD YYYY MM DD YYYY Week(s)		DRUG 4		L∐ DK <b>□</b>	
				Week(s)2	Per Day       1         Per Week       2         Per Month       3         Per Year       4

### **MATERNAL HEALTH-X-RAY OR SCANS**

B116. From 3 months before you became pregnant to the end of your pregnancy, did you have any x-rays or scans, not related to your pregnancy?

YES					 1
NO	(SKIP	TO SE	<b>CTION</b>	C)	 2
DK	SKIP	TO SE	ECTION	C)	 1

		B117.				B118.			B119		
Dio	d you have: / Did yo	u have	anythir	ng else?		What part of your body was tested? REFERRING TO (PROCEDURE)		What month was the test done?			
		YES (ASK B118- B120)	NO (NXT)	DK (ASK B118- B120)	RF (ASK B118- B120)			MO	YES	NO	DK
A.	X-rays, including dental, mammogram, upper GI or IVP (Intravenous Pyelogram),	1	0	-1	-2	ABDOMEN = 01 ADRENAL GLAND = 02 ARM/ELBOW = 03 BACK = 04 BLADDER = 05 BODY, TOTAL = 06 BONE = 07 BRAIN = 08 BREAST = 09 CHEST = 10 DENTAL/TEETH = 35	DK ASK B119- B121 RF ASK B119- B121	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
B.	CT or CAT scans,	2	0	-1	-2	FOOT = 11 GALLBLADDER = 12 HAND = 13 HEAD/SKULL/FACE = 14 HEART = 15 HIP = 16 INTESTINES = 17 KIDNEY = 18 LEG/KNEE = 19 LIVER = 20 LOWER GI = 21	DK ASK B119- B121 RF ASK B119- B121	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
C.	MRI (or magnetic resonance imaging),	3	0	-1	-2	LUNGS = 22 MOUTH = 23 NECK = 24 PELVIS = 25 SHOULDER = 26 SPINE = 27 SPLEEN = 28 STOMACH = 29 THYROID = 30 UPPER GI = 31 URINARY TRACT = 32	DK ASK B119- B121 RF ASK B119- B120	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
D.	Radionuclide study or scan,	4	0	-1	-2	UTERUS (INCLUDES TUBES & OVARIES) = 33 VASCULAR SYSTEM = 34 WRIST = 36 OTHER (SPECIFY) = -5 SPECIFY: BODY PART	DK ASK B119- B121 RF ASK B119- B120	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
	Other x-ray or scan? ECIFY TEST:	-5	0	-1	-2		DK ASK B119- B121 RF ASK B119- B121	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1 -1

FOR EACH MONTH WITH 'YES' RESPONSE IN B119, ASK B120.

B120. B121.

How many (TESTS) did you I	nave in (MONTH)?	IF B117 = A, B OR E: Was your pelvis shielded with a lead apron?
TEST 1 TYPE:	B3 NUMBER OF TESTS	YES
TEST 2 TYPE:	B3 NUMBER OF TESTS	YES
TEST 3 TYPE:	B3 NUMBER OF TESTS	YES

#### **SECTION C: MEDICATION**

C1. We are interested in some medicines that you may have taken from 3 months before you became pregnant, which would be (B3), to the end of your pregnancy. These would include prescription and nonprescription medicines. Some of these medicines we may have already discussed. I will read you a list of medications. As I read the list, please tell me Yes or No whether you took the medicine. During this time period, did you take any of the following medications? READ CHOICES

F	OR EACH YES, ASK C2-C5.	YES	NO	DK
a.	Tylenol, or	1	2	-1
b.	Datril, or	1	2	-1
c.	Acetaminophen	1	2	-1
d.	Advil, or	1	2	-1
e.	Motrin, or	1	2	-1
f.	Nuprin, or	1	2	-1
g.	lbuprofen	1	2	-1
h.	Aleve	1	2	-1
i.	Aspirin	1	2	-1
j.	Prozac	1	2	-1
k.	Wellbutrin, or	1	2	-1
l.	Zyban	1	2	-1
m.	Paxil	1	2	-1
n.	Zoloft	1	2	-1
0.	Effexor	1	2	-1
p.	Celexa	1	2	-1
q.	Levofloxacin	1	2	-1
r.	Amoxicillin	1	2	-1
S.	Augmentin	1	2	-1
t.	Bactrim	1	2	-1
u.	Septra	1	2	-1
٧.	Cipro	1	2	-1
W.	Doxycycline	1	2	-1
Х.	Zithromax	1	2	-1
у.	Thalidomide	1	2	-1
, Z.	Nicotine Patch	1	2	-1
aa.	Nicotine Gum	1	2	-1
bb.		1	2	-1
CC.	Misoprostol	1	2	-1
dd.	Accutane	1	2	-1
ee.	Methotrexate	1	2	-1
ff.	Claritin	1	2	-1
gg.	Allegra	1	2	-1
hh.	Zyrtec	1	2	-1
ii.	Cellcept	1	2	-1
jj.	Myfortic	1	2	-1
یں۔ kk.	An antiviral such as Relenza	1	2	-1
II.	Zanamivir	1	2	-1
11.	Zananiivii	ı	_	

FOR EACH YES, ASK C2-C5.	YES	NO	DK
mm. Tamiflu	1	2	-1
nn. Oseltamivir	1	2	-1
oo. Some other antiviral medication?	1	2	-1
pp. During this time period, did you take any medications, remedies, or treatments that we haven't already talked about? For example, flu or allergy shots or medications for asthma, allergies, infections, STDs or HIV/AIDS? What drug?/Any others? 1.	1	2	-1

IF MORE THAN ONE	C2.	C3.	C4.	C5.
EPISODE OF USE, REPEAT DRUG NAME ON NEXT RECORD AND FILL OUT ADDITIONAL RECORD FOR EACH	During this time period, when did you start using (MEDICINE)?	When did you stop using (MEDICINE)? OR ASK C4	How long did you take it?	How often did you use (MEDICINE)?
PERIOD OF USE.	IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you	IF GET EXACT DATES IN C2 <b>AND</b> C3, SKIP C4. IF GET PARTIAL DATES OR		SEE SPECIAL CODES IN APPENDIX
TYPE OF MEDICINE	use (MEDICINE)?	DK IN C2 <b>AND/OR</b> C3, ASK C4.	DURATION	FREQUENCY
1	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY1
			MONTH(S)3	PER MONTH3 PER YEAR4
	MM DD YYYY	MM DD YYYY	LL DK□	LLL DK
2	DK		DAY(S)	PER DAY
	I			
3.	MM DD YYYY	MM DD YYYY		
			DAY(S)1 WEEK(S)2 MONTH(S)3	PER DAY
	T			
	MM DD YYYY	MM DD YYYY		
4	DK	DK	DAY(S)	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4
_	MM DD YYYY	MM DD YYYY		LLL DK
5	DK	DK	DAY(S)	PER DAY
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
6	DK	DK	DAY(S)	PER DAY

IF MORE THAN ONE EPISODE OF USE,	C2.	C3.	C4.	C5.
REPEAT DRUG NAME ON NEXT RECORD AND FILL OUT ADDITIONAL RECORD FOR EACH	During this time period, when did you start using (MEDICINE)?	When did you stop using (MEDICINE)? OR ASK C4	How long did you take it?	How often did you use (MEDICINE)?
PERIOD OF USE.	IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you	IF GET EXACT DATES IN C2 <b>AND</b> C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 <b>AND/OR</b> C3, ASK		SEE SPECIAL CODES IN APPENDIX
TYPE OF MEDICINE	use (MEDICINE)?	C4.	DURATION	FREQUENCY
	MM DD YYYY	MM DD YYYY	∐ DK□	
7	DK	DK	DAY(S)	PER DAY
	MM DD YYYY	MM DD YYYY	∐ DK□	□ DK□
8	DK	DK	DAY(S)	PER DAY
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
9	DK	DK	DAY(S)	PER DAY
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
10	DK	DK 🔲 🔲	DAY(S)	PER DAY

# **HERBAL REMEDIES**

C6.	From 3 months before you became pregnant to
	the end of your pregnancy, did you use any
	herbs or folk medicines to treat any medical
	conditions, to lose weight, or just to keep you
	healthy?

YES		1
NO	(SKIP TO D1	)2
DK	SKIP TO D1	, )

C6a.	C7.	C8.	C9.	C10.
Between (B3) and ([DOIB]/[DOPT]), what herbs or folk medicine did you take?/Anything else?	Between (B3) and ([DOIB]/[DOPT]), when did you start using (REMEDY)?	When did you stop using (REMEDY)? OR ASK C9  IF GET EXACT DATES IN C7 AND C8, SKIP C9. IF GET PARTIAL DATES OR DK IN C7 AND/OR C8, ASK C9.	How long did you take it?	How often did you use (REMEDY)?  SEE SPECIAL CODES IN APPENDIX
SPECIFY HERBAL OR FOLK REMEDY			DURATION	FREQUENCY
1 ASK C7-C10  RF SKIP TO D1	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY
2 ASK C7-C10  RF SKIP TO D1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
3 ASK C7-C10  RF SKIP TO D1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
4 ASK C7-C10  RF SKIP TO D1	MM DD YYYY	MM DD YYYY DK	DAY(S)1 WEEK(S)2 MONTH(S)3	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4
5 ASK C7-C10  RF SKIP TO D1	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
6 ASK C7-C10  RF SKIP TO D1	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY

#### **SECTION D: PRENATAL VITAMINS**

D1.	From 3 months before you became pregnant,
	which would be (B3), to the end of your
	pregnancy, did you take any prenatal vitamins,
	which are special vitamin supplements
	sometimes taken by pregnant women or women
	trying to get pregnant?

YES		
NO	(SKIP TO D7)	
	(SKIP TO D7)	

FOR EACH VITAMIN ASK D2 TO D6. IF YOU GET EXACT DATES IN D3 **AND** D4, SKIP D5. IF GET PARTIAL DATES OR DK IN D3 **AND/OR** D4, ASK D5.

OR DK IN D3 AND/OI	•	D.4	DE	DC
D2.	D3.	D4.	D5.	D6.
What did you take? /	During this time period,	When did you stop using	How long did	How often did
Anything else?	when did you start using (PRENATAL VITAMIN)?	(PRENATAL VITAMIN)?	you take it?	you use the prenatal
PROBE WITH LIST BELOW. LIST ALL.		OR ASK D5		vitamin? SEE SPECIAL
BELOW. EIGH NEE.				CODES IN APPENDIX
			DURATION	FREQUENCY
1	MM DD YYYY	MM DD YYYY	LLL DK	L∐ dk□
DK ASK D3-D6		DK	DAY(S)1 WEEK(S)2	PER DAY1 PER WEEK2
RF SKIP TO D7			MONTH(S)3	PER MONTH3 PER YEAR4
2	MM DD YYYY	MM DD YYYY	LLLI DK	L∐ DK□
DK ASK D3-D6	DK	DK	DAY(S)1 WEEK(S)2	PER DAY1 PER WEEK2
RF SKIP TO D7			MONTH(S)3	PER MONTH3 PER YEAR4
3	MM DD YYYY	MM DD YYYY	LLL DK	L∐ DK□
DK ASK D3-D6	DK	DK	DAY(S)1 WEEK(S)2	PER DAY1 PER WEEK2
RF SKIP TO D7			MONTH(S)3	PER MONTH3 PER YEAR4

## PROBE FOR D2:

IF CANNOT RECALL, READ LIST: Was it (READ LIST)?

Duet by Stuart Natal Materna (new form 97) Natafort

Prenate Advance Prenate GT

Prenate 90 Prenate Ultra

Spring Valley Prenatal (New)

Stuartnatal Plus 3

Stuartnatal Plus w/ 27 mg iron

Ultra Natal Care

Prenatal Vitamin (NOS)

### **MULTIVITAMINS**

D7. Other than prenatal vitamins, from 3 months before you became pregnant to the end of your pregnancy, did you take any multivitamins or vitamin complexes?

YES		1
NO	(SKIP TO D13)	2
	(SKIP TO D13)	

FOR EACH VITAMIN ASK D9 TO D12. IF GET EXACT DATES IN D9 **AND** D10, SKIP D11. IF GET PARTIAL DATES OR DK IN D9 **AND/OR** D10, ASK D11.

D8.	D9.	D10.	D11.	D12.
What did you take? PROBE: Anything else? Do you remember the brand name?	During this time period, when did you start using (VITAMIN)?	When did you stop using (VITAMIN)? OR ASK D11	How long did you take it?	How often did you use the vitamin? SEE SPECIAL CODES IN APPENDIX
LIST ALL.			DURATION	FREQUENCY
1	MM DD YYYY  DK	MM DD YYYY  DK	DAY(S)	PER DAY
2. DK ASK D9-D12 RF SKIP TO D13	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
3	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY

#### **SINGLE VITAMINS**

D13. Now I want to ask you about some single vitamins and minerals. From 3 months before you became pregnant to the end of your pregnancy, did you take any of the following single vitamins or minerals?

READ ALL	YES	NO	DK
a. Vitamin A	1	2	-1
b. Retinol	1	2	-1
c. Beta carotene	1	2	-1
d. B complexes	1	2	-1
e. B6	1	2	-1
f. B12	1	2	-1
g. Folic acid	1	2	-1
h. Vitamin C	1	2	-1
i. Vitamin D	1	2	-1
j. Vitamin E	1	2	-1
k. Iron	1	2	-1
I. Calcium	1	2	-1
m. Zinc	1	2	-1
n. Selenium	1	2	-1

FOR EACH YES, ASK D14-D17. IF ALL NO OR DK, SKIP TO D18.

FOR EACH VITAMIN ASK D14 TO D17. IF GET EXACT DATES IN D14  ${f AND}$  D15, SKIP D16. IF GET PARTIAL DATES OR DK IN D14  ${f AND/OR}$  D15, ASK D16.

	D14.	D15.	D16.	D17.
	During this time period, when did you start using (VITAMIN)?	When did you stop using (VITAMIN)? OR ASK D16	How long did you take it?	How often did you use the vitamin? SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
1FIRST VITAMIN	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
2SECOND VITAMIN	MM DD YYYY DK	MM DD YYYY	DAY(S)	PER DAY
3THIRD VITAMIN	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
4FOURTH VITAMIN	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY

### OTHER VITAMINS, MINERALS

D18. From 3 months before you became pregnant to the end of your pregnancy, did you take any other vitamins, minerals, amino acids, antioxidants, or other nutrients that we haven't already talked about?

YES		1
NO	(SKIP TO D24)	2
	SKIP TO D24)	

FOR EACH PRODUCT, ASK D20 TO D23. IF GET EXACT DATES IN D20  ${
m AND}$  D21, SKIP D22. IF GET PARTIAL DATES OR DK IN D20  ${
m AND/OR}$  D21, ASK D22.

D19.	D20.	D21.	D22.	D23.
What did you take?  PROBE: Anything else?  LIST ALL.	During this time period, when did you start using (VITAMIN)?	When did you stop using (VITAMIN)? OR ASK D22	How long did you take it?	How often did you use the supplement?  SEE SPECIAL CODES IN APPENDIX.
			DURATION	FREQUENCY
1	MM DD YYYY	MM DD YYYY  DK	DAY(S)	PER DAY
2	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY
3	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY

# **SUPPLEMENTS-(CEREALS)**

D24. From 3 months before you became pregnant to the end of your pregnancy, did you eat cereal?

YES		1
NO	(SKIP TO D28)	2
	(SKIP TO D28)	

### FOR EACH CEREAL, ASK D26 AND D27.

D25.	D26.				D27.
What were the names of the cereals you ate most often between (B3) and ([DOIB]/[DOPT])? / Anything else? LIST ALL. USE RESPONSE OPTIONS IN CATI OR APPENDIX TO PROBE.	Which months did you eat (CEREAL)?			eat	How often, on average, did you eat (CEREAL) during that time? You may use the food frequency choices list which was sent to you in the mail to help you respond to this question.
	МО	YES	NO	DK	this question.
1	B3 B2 B1 P1 P2 P3 T2 T3	YES  1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1 -1	NEVER OR < ONCE PER MONTH
2.  DK ASK D26 & D27  RF SKIP TO D28  OTHER ASK D26 & D27	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1	2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	NEVER OR < ONCE PER MONTH

# SUPPLEMENTS-(FOOD)

D28.	Now, I'd like to ask you about food supplements,
	which includes power and energy bars, and
	products mixed into drinks, like Slim Fast, Instant
	Breakfast, protein powder, or Brewer's yeast. From
	3 months before you became pregnant to the end
	of your pregnancy, did you eat or drink any food
	supplements?

YES		1
NO	(SKIP TO D32)	2
DK	(SKIP TO D32)	1

D29. What was the name of the food supplement?/ Anything else? USE RESPONSE OPTIONS TO PROBE.

Brewer's Yeast Luna E Carnation Instant Breakfast Myople	e Breakfast Bar	1	Nu Ov Pro Sh	stle's Sweet triment altine otein Powde aklee Instan n-Fast Bars	Soy Protein NOS Spiru-tein r NOS Wheat Germ nt Protein Whey Protein NOS
FOR EACH SUPPLEMENT, ASK D30 AND D31.	(FOOD S	nonth(s) SUPPLEN	IENŤ)?		D31. How often, on average, did you use (FOOD SUPPLEMENT) during that time? You may use the food frequency choices list which was sent to you in the mail to help you respond to this question.
	MO	YES	NO	DK	
1	B3	1	2	-1 -1	NEVER OR < ONCE PER MONTH
DK ASK D30 & D31	B2 B1	1	2	-1	3 PER MONTH       3M         1 PER WEEK       1W         2 PER WEEK       2W
RF SKIP TO D32 OTHER ASK D30 & D31	P1	1	2	-1	3 PER WEEK
	P2	1	2	-1	6 PER WEEK
	P3	1	2	-1	3 PER DAY3D 4 PER DAY4D 5 PER DAY5D
	T2 T3	1	2	-1 -1	6+ PER DAY
	10				-Z
2.	В3	1	2	-1	NEVER OR < ONCE PER MONTH
DK ASK D30 & D31	B2	1	2	-1	2 PER MONTH
RF SKIP TO D32	B1	1	2	-1	2 PER WEEK
OTHER ASK D30 & D31	P1 P2	1	2	-1 -1	5 PER WEEK5W 6 PER WEEK6W
	P3	1	2	-1	1 PER DAY
	T2	1	2	-1	4 PER DAY
	Т3	1	2	-1	DK -1 RF -2

#### **DIETARY ASSESSMENT-INTRODUCTION**

Next I will read a list of food items, and for each one I would like to know how often you ate that food on average during the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy). You may use the list of Food Frequency Choices that was sent to you in the mail to help you answer these questions. You do not have to remember exactly what you ate, we are only trying to determine what your usual diet was like <u>before</u> you were pregnant. For seasonal foods, such as fruits and vegetables, you can average over the six months prior to pregnancy. For foods that you ate less than once a month, you can report as never or none.

D32. How often, on average, did you use (READ LIST)?

		0 NEVER	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
		OR < 1 PER MONTH	1 PER MONTH	2 PER MONTH	3 PER MONTH	1 PER WEEK	2 PER WEEK	3 PER WEEK	4 PER WEEK	5 PER WEEK	6 PER WEEK	1 PER DAY	2 PER DAY	3 PER DAY	4 PER DAY	5 PER DAY	6+ PER DAY	RF	DK
a.	Skim or lowfat milk (8 oz glass)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
b.	Whole milk (8 oz glass)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
C.	Yogurt (1cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
d.	Soy milk or soy yogurt (8 oz)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
e.	Ice cream(1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
f.	Cottage or Ricotta cheese (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
g.	Other cheese e.g., American, cheddar, etc., plain or part of a dish (1 slice or 1 oz serving)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
h.	Margarine (pat), added to food or bread; exclude use in cooking	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
i.	Butter (pat), added to food or bread; exclude use in cooking	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
j.	Fresh apples or pears (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
			And	again, in	the year I	before yo	ur pregn	ancy, ho	w often	on avera	ge did yo	u use							
k.	Oranges (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
I.	Orange juice (small glass)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
m.	Hawaiian Punch, lemonade, or other fruit drinks (small glass)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
n.	Peaches, apricots, plums, or nectarines (1 fresh or ½ cup canned)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
0.	Bananas (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
p.	Cantaloupe (1/4 melon)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
q.	Avocado (1) or guacamole (1 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
r.	Other fruits fresh, frozen, or canned (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
s.	Tomatoes (1) or tomato juice (small glass)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1

D32. How often, on average, did you use (READ LIST)?

		0 NEVER	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
		OR < 1 PER MONTH	1 PER MONTH	2 PER MONTH	3 PER MONTH	1 PER WEEK	2 PER WEEK	3 PER WEEK	4 PER WEEK	5 PER WEEK	6 PER WEEK	1 PER DAY	2 PER DAY	3 PER DAY	4 PER DAY	5 PER DAY	6+ PER DAY	RF	DK
t.	String beans (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
u.	Broccoli (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
V.	Cabbage, cauliflower, or brussel sprouts (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
W.	Carrots, raw (1/2 carrot or 2-4 sticks)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
х.	Carrots, cooked (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
y.	Corn (1 ear or ½ cup frozen, canned)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
z.	Peas or lima beans (1/2 cup frozen, canned)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
aa.	Yams or sweet potatoes (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
bb.	· · · · · · · · · · · · · · · · · · ·	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
cc.	Refried beans (1 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
dd.	Beans or lentils, baked or dried (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
	- GOD)				the year I							. –		OD.	,,,	02	02	_	
ee.	Squash (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ff.	Raw Chile peppers, Jalapeño (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
gg.	Salsa (1 cup) (fruit or tomato)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
hh.	Eggs (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ii1.	Chicken or Turkey with skin (4-6 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ii2.	Chicken or Turkey without skin (4-6 oz)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
jj.	Bacon (2 slices)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
kk.	Hot dogs (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
II.	Processed meats, e.g. sausage, salami, bologna, chorizo, etc. (piece or slice).	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	1
mm	or siice). I. Liver (3-4 oz)	0	1M	2M	3M	1W	2W	3W	4VV 4W	5W	6W	1D	2D 2D	3D	4D 4D	5D	6D	-2 -2	-1 -1
	Chicken livers (1 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1

D32. How often, on average, did you use (READ LIST)?

	0 NEVER	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
	OR < 1 PER MONTH	1 PER MONTH	2 PER MONTH	3 PER MONTH	1 PER WEEK	2 PER WEEK	3 PER WEEK	4 PER WEEK	5 PER WEEK	6 PER WEEK	1 PER DAY	2 PER DAY	3 PER DAY	4 PER DAY	5 PER DAY	6+ PER DAY	RF	DK
oo. Organ meats Barbacoa, Menudo, sweetbreads, tongue, intestines (3-4	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D		4
0Z)	0						_			-			_			-	-2 -2	-1
pp. Hamburger (1 patty)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
qq. Beef, pork, lamb or cabrito as a sandwich or mixed dish, e.g. stew, casserole, lasagna, etc	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
rr. Beef, pork, lamb or cabrito as a mair dish, e.g. steak, roast, ham, etc. (4-6 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
,				_			_		_				_		-	-		•
ss. Fish (3-5 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
tt. Tofu, tempeh or soy burgers (4 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
uu. Chocolate (1 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
vv. Candy without chocolate (1 oz).	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ww. Pie (slice)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
one Calca (alian) an dament (1)	0		_	the year	-		-					OD	3D	4D	- FD	CD	_	4
xx. Cake (slice) or donut (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D			5D	6D	-2	-1
yy. Cookies (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
zz. White bread (slice), including pita bread, bagels and crackers	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
aaa. Biscuits, scones, croissants and muffins (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
bbb. Dark bread (slice) including wheat	0	414	014	014	414/	OVA	0)4/	4147	<b>5</b> \4/	CVA	10	OD.	aD.	40	- FD	CD	0	
pita bread	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1 -1
ccc. French fried potatoes (4 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ddd. Potatoes baked, boiled (1) or mashe (1 cup)	о О	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
eee. Rice or pasta e.g. Spanish rice, spaghetti, noodles, etc. (1 cup).	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
fff. Tortilla (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ggg. Potato chips or corn chips (small bag				0			J.,		J.,				U.S.	10	0.5			
or 1 oz)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
hhh. Nuts (small packet or 1 oz)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
iii. Peanut butter (1tbs)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
jjj. Oil and vinegar dressing e.g., Italian (1 tbs)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1

We have just a few more dietary questions about your average habits during the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy).

D33.	How many teaspoons of sugar did you add to your beverages (including tea and coffee) and foods (including cereal and fruit) in total per day?	# OF TEASPOONS	DK D
D34.	How much of the visible fat on your beef, pork or lamb was removed before eating? Would you say	All visible fat removed	2 3 4
	READ CHOICES.	Don't eat meat	1
D35.	What kind of fat did you usually use for frying and sautéing at home? Exclude "Pam" type spray. READ CHOICES. SELECT ONE. PROBE: Which did you use most often or most of?	Real butter (light butter)	
D36.	What kind of fat did you usually use for baking at home? READ CHOICES. SELECT ONE.	Real butter (light butter)  Margarine  Vegetable oil (olive oil, canola oil)  Vegetable shortening  Lard  NA  DK  RF	
D37.	How often did you eat food that is fried at home? Exclude "Pam" type spray. READ CHOICES.	Never or less than once per week	02 03 04 1
D38.	How often did you eat fried food away from home? (e.g. French fries, fried chicken, fried fish, fried tortilla chips) READ CHOICES.	Never or less than once per week	02 03 04 1
D39a.	What <b>type</b> of cooking oil did you usually use at home (e.g. Corn Oil)? (Which did you use the most?) PROBE: Some companies, sell many types of oil, such as corn, canola, soybean or olive. What type of [brand name] oil did you use?	SPECIFY TYPE:  NONE D	K□ RF□
	PROMPT: Only include oils, not fats, such as butter or lard. PROMPT: During the year before you became pregnant		

#### **CAFFEINE**

The next questions are about caffeine. We will be asking you about your average use of coffee, tea and soda during	្វ the
year before you became pregnant with ([NOIB]/this pregnancy), and during your first trimester. You may use the list	of
food frequency choices again.	

gnancy), d or regular sually

NEVER OR < ONCE PER MONTH	
1 PER MONTH	1N
2 PER MONTH	2N
3 PER MONTH	3N
1 PER WEEK	1V
2 PER WEEK	2V
3 PER WEEK	3V
4 PER WEEK	
5 PER WEEK	5V
6 PER WEEK	6V
1 PER DAY	1[
2 PER DAY	2[
3 PER DAY	3[
4 PER DAY	4[
5 PER DAY	5[
6+ PER DAY	6
DK	
RF	

D41. During the <u>first trimester</u>, how many cups of caffeinated or regular coffee, hot or iced, did you usually drink?

NEVED OD ONCE DED MONTH	0
NEVER OR < ONCE PER MONTH	
1 PER MONTH	1M
2 PER MONTH	2M
3 PER MONTH	3M
1 PER WEEK	
2 PER WEEK	
3 PER WEEK	
4 PER WEEK	4W
5 PER WEEK	
6 PER WEEK	_
1 PER DAY	
2 PER DAY	
3 PER DAY	
4 PER DAY	4D
5 PER DAY	
6+ PER DAY	
DK	
RF	_

(IF BOTH D40 AND D41 = NEVER, RF OR DK, SKIP TO D43)

D42. What size cup did you usually have for your coffee? Was it small, medium, large or extra large?

SMALL (< 8 OUNCE, TEACUP)	1
MEDIUM (8 OUNCES TO LESS THAN 12 OUNCES, MEDIUM MUG)	2
LARGE (12 OUNCE, LARGE MUG)	3
EXTRA LARGE (> 12 OUNCE, LARGE TAKE-OUT)	4
DK	1
RF	-2

D43.	During the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy), how many cups or glasses of caffeinated tea, hot or iced, did you usually drink?	NEVER OR < ONCE PER MONTH.  1 PER MONTH.  2 PER MONTH.  3 PER MONTH.  1 PER WEEK.  2 PER WEEK.  4 PER WEEK.  5 PER WEEK.  6 PER WEEK.  1 PER DAY.  2 PER DAY.  3 PER DAY.  5 PER DAY.  6+ PER DAY.  DK	
D44.	During the <u>first trimester</u> , how many cups or glasses of caffeinated tea, hot or iced, did you usually drink?	NEVER OR < ONCE PER MONTH.  1 PER MONTH.  2 PER MONTH.  3 PER MONTH.  1 PER WEEK.  2 PER WEEK.  4 PER WEEK.  5 PER WEEK.  6 PER WEEK.  1 PER DAY.  2 PER DAY.  3 PER DAY.  4 PER DAY.  5 PER DAY.  6+ PER DAY.  DK.	
D45.	During the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy), and during the first trimester, did you drink sodas or soft drinks?	YES(SKIP TO SECTION ) DK(SKIP TO SECTION )	Ε)2

### FOR EVERY BRAND ANSWERED IN D46, ASK D47 - D50:

	D46.	D47.	D48.	D49.	D50.
	What brand(s) or types did you usually drink?/Anything else?	Was (BRAND) diet?	Was (BRAND) caffeine free?	How many 12 ounce (cans/glasses/bottles) of (BRAND) did you usually drink in the year <u>before</u> you became pregnant with ([NOIB]/this pregnancy)?	During the first trimester, how many 12 ounce (cans/glasses/bottles) of (BRAND) did you usually drink?
	LIST ALL. USE PREC	ODED SODA LIST	TO PROBE.		
A.	DK ASK D47-D50 RF SKIP TO E1	YES1 NO2 DK1	YES1 NO2 DK1	NEVER OR LESS THAN         1 PER MONTH       0         1 PER MONTH       1M         2 PER MONTH       2M         3 PER MONTH       3M         1 PER WEEK       1W         2 PER WEEK       2W         3 PER WEEK       3W         4 PER WEEK       4W         5 PER WEEK       5W         6 PER WEEK       6W	NEVER OR LESS THAN         1 PER MONTH
				1 PER DAY	1 PER DAY. 1D 2 PER DAY. 2D 3 PER DAY. 3D 4 PER DAY. 4D 5 PER DAY. 5D 6+ PER DAY 6D DK -1 RF -2
В.	DK ASK D47-D50	YES	YES1 NO2 DK1	NEVER OR LESS THAN         1 PER MONTH       0         1 PER MONTH       1M         2 PER MONTH       2M         3 PER MONTH       3M         1 PER WEEK       1W         2 PER WEEK       2W         3 PER WEEK       3W         4 PER WEEK       4W         5 PER WEEK       5W         6 PER WEEK       6W	NEVER OR LESS THAN         1 PER MONTH
J.				1 PER DAY	1 PER DAY. 1D 2 PER DAY. 2D 3 PER DAY. 3D 4 PER DAY. 4D 5 PER DAY. 5D 6+ PER DAY 6D DK -1 RF -2
	DK ASK D47-D50 RF SKIP TO E1	YES	YES1 NO2 DK1	NEVER OR LESS THAN         1 PER MONTH	NEVER OR LESS THAN         1 PER MONTH
C.				5 PER WEEK 5W 6 PER WEEK 6W 1 PER DAY 1D 2 PER DAY 2D 3 PER DAY 3D 4 PER DAY 4D 5 PER DAY 5D 6+ PER DAY 6D DK -1 RF -2	5 PER WEEK

### **SECTION E: STRESS**

The next series of questions will be about events that may have occurred in your life from 3 months before you became pregnant through your 3<sup>rd</sup> month of pregnancy, which would be (B3) through (P3). Most people experience periods of stress in their lives, caused by major events and daily life. We will be asking whether or not an event happened during that time period, but we will not be asking for further details.

E1.	From 3 months before you became pregnant through your 3 <sup>rd</sup> month of pregnancy, did you experience any serious relationship difficulties with your husband or partner or become separated or divorced?	YES 1 NO 2 DK -1 RF -2 NA -10
E2.	During this same time period, did you or your husband or partner have any serious legal or financial problems?	YES
E3.	During this same time period, were you or someone close to you a victim of abuse, violence, or crime? Remember, you just have to indicate yes or no.	YES
	MOTHER MUST USE HER OWN JUDGEMENT ON WHAT SHE THINKS IS MEANT BY "SOMEONE CLOSE TO YOU".	
E4.	During this same time period, did you or someone close to you have a serious illness or injury?	YES
	MOTHER MUST USE HER OWN JUDGEMENT ON WHAT SHE THINKS IS MEANT BY "SOMEONE CLOSE TO YOU".	RF2
E5.	During this same time period, did someone close to you die?	YES
	MOTHER MUST USE HER OWN JUDGEMENT ON WHAT SHE THINKS IS MEANT BY "SOMEONE CLOSE TO YOU".	DK1 RF2
E6.	During this same time period, could you count on anyone to provide you with emotional support such as talking over a problem or helping with a difficult decision, if you had needed it?	YES
E7.	During this same time period, could you count on anyone to provide you with help financially such as paying bills or providing food or clothes, if you had needed it?	YES 1 NO 2 DK -1 RF -2
E8.	During this same time period, could you count on anyone to provide you with help with daily tasks such as grocery shopping, child care, or cooking, if you had needed it?	YES
E9.	During this same time period, how often did you feel nervous and stressed? Would you sayREAD CHOICES	Never

# **SECTION F: TOBACCO-MOTHER**

F1.	The next questions are about tobacco use. Did you ever smoke cigarettes?	YES
F2.	From 3 months before you became pregnant to the end of your pregnancy, did you smoke cigarettes?	YES(SKIP TO F5)
	(CONTINUED ON NEXT PAGE)	

F3. During which months did you smoke?
CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.

				F4.		
				During (SPECIFY MONTH) abo	out how many	,
				cigarettes did you smoke a da		
	YES			to smoke that many cigarette	s through (LA	ST
MO	(ASK F4)	NO	DK	MONTH STATED)?		
В3	1	2	-1	<1/DAY		
				1/DAY		
				2-4/DAY ½ PACK (5-14)		DK
				1 PACK(15-24)		
				1 ½ PACK (25-34)		RF 🔲
				2 PACK (35-44) >2 PACK		
B2	1	2	-1	<1/DAY		
	·	_	•	1/DAY	-	
				2-4/DAY		DK
				½ PACK (5-14)   1 PACK(15-24)		
				1 ½ PACK (25-34)		RF 🗖
				2 PACK (35-44)	07	RF 🗀
D.1	4			>2 PACK		
B1	1	2	-1	<1/DAY	-	
				2-4/DAY		DK
				½ PACK (5-14)	04	DK 🗀
				1 PACK(15-24)		
				1 ½ PACK (25-34) 2 PACK (35-44)		RF
				>2 PACK		
P1	1	2	-1	<1/DAY	01	
				1/DAY	-	
				2-4/DAY ½ PACK (5-14)		DK┗
				1 PACK(15-24)		
				1 ½ PACK (25-34)		BF□
				2 PACK (35-44) >2 PACK		
P2	1	2	-1	<1/DAY		
12	'	_	'	1/DAY	-	
				2-4/DAY		DK
				½ PACK (5-14)   1 PACK(15-24)		
				1 ½ PACK (25-34)		
				2 PACK (35-44)	07	RF┕┛
				>2 PACK		-
P3	1	2	-1	<1/DAY		
				2-4/DAY		
				½ PACK (5-14)	04	DK
				1 PACK(15-24)		
				1 ½ PACK (25-34) 2 PACK (35-44)		RF
				>2 PACK	08	
T2	1	2	-1	<1/DAY		
				1/DAY		
				2-4/DAY ½ PACK (5-14)		DK
				1 PACK(15-24)		
				1 ½ PACK (25-34)	06	RF 🔲
				2 PACK (35-44)>2 PACK		
T3	1	2	-1	<1/DAY		
13	ı	~	- 1	1/DAY		
				2-4/DAY	03	DK
				½ PACK (5-14)		DIX.
				1 PACK(15-24)   1 ½ PACK (25-34)		
				2 PACK (35-44)	07	RF
				>2 PACK	8	

#### **TOBACCO-HOUSEHOLD**

F5.	Did anyone in your household smoke cigarettes in your
	home between 3 months before you became pregnant to
	the end of your pregnancy?

YES		1
NO	(SKIP TO F7)	2
	(SKIP TO F7)	

F6. During which months did someone smoke in your home?

CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.

МО	YES	NO	DK
В3	1	2	-1
B2	1	2	-1
B1	1	2	-1
P1	1	2	-1
P2	1	2	-1
P3	1	2	-1
T2	1	2	-1
Т3	1	2	-1

## **TOBACCO-WORKPLACE**

- F7. Did anyone smoke cigarettes near you at a workplace or school you may have attended during that year?
- F8. During which months did someone smoke near you at work/school?

CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.

YES		
NO	(SKIP TO F9) 2	,
DK	(SKIP TO F9)1	

MO	YES	NO	DK
В3	1	2	-1
B2	1	2	-1
B1	1	2	-1
P1	1	2	-1
P2	1	2	-1
P3	1	2	-1
T2	1	2	-1
Т3	1	2	-1

# **ALCOHOL**

F9.	Now I'm going to ask you some questions about
	drinking alcoholic beverages. We define an
	alcoholic drink as one beer, one glass of wine, one
	mixed drink, or one shot of liquor. From 3 months
	before you became pregnant to the end of your
	pregnancy, did you drink any wine, beer, mixed
	drinks or shots of liquor?

YES				1
NO	(SKIP	TO F15	5)	2
DK	•		,	
RF	(SKIP	TO F15	5)	2

F10. During which months did you drink any alcoholic beverages? CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.				F11. In the (3 <sup>rd</sup> /2 <sup>nd</sup> /1st month before pregnancy, 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> month of pregnancy, 2 <sup>nd</sup> /3 <sup>rd</sup> trimester), on average, how many <b>days</b> [FOR T2 AND T3, ASK: <b>days/month</b> ]did you drink alcoholic beverages?		greatest number of	
МО	YES (ASK F11- F13)	NO (NEXT)	DK (NEXT)	# DAYS	# DRINKS	# DRINKS	
В3	1	2	-1	∐ DK RF R	LLL DK RF	LLL DK RF	
B2	1	2	-1	☐ DK☐ RF☐	□□□ DK□ RF□	LLL DK RF	
B1	1	2	-1	☐ DK☐ RF☐	LLL DK RF	LLL DK RF	
P1	1	2	-1	L∐ DK□ RF□	LLL DK RF	LLL DK RF	
P2	1	2	-1	∐ DK□ RF□	LLL DK RF	LLL DK RF	
P3	1	2	-1	☐ DK☐ RF☐	LLL DK RF	LLL DK RF	
T2	1	2	-1	☐ DK☐ RF☐	LLL DK RF	LL DK RF	
Т3	1	2	-1	DK   BE   D			

F14.	On the days that you drank alcohol, what
	type(s) of alcohol did you usually drink?
	READ CHOICES

READ CHOICES.		YES	NO	DK	R⊦	
a.	Beer	1	2	-1	-2	
b.	Wine or wine cooler or champagne	1	2	-1	-2	
C.	Mixed drink or shot liquor	1	2	-1	-2	
d.	Other alcohol	1	2	-1	-2	
	SPECIFY:			-1	-2	

### **TOBACCO AND SUBSTANCE ABUSE-FATHER**

IF FATHER UNKNOWN, SKIP TO F19.

Now I'm going to ask you about some exposures that ([NOIB]'s/the) father may have had around the time you became pregnant. These include questions about smoking and recreational drug use.

F15.	At any time from 1 month before you became pregnant through the first month of your pregnancy, which would be (B1) through (P1), did ([NOIB]'s/the) biologic or natural father smoke cigarettes?	YES					
F16.	From 1 month before you became pregnant through the first month of your pregnancy, about how many cigarettes did he smoke per day?	<1/DAY					
F17.	In the 3 months before pregnancy, which would be (B3) through (B1), did ([NOIB]'s/the) father use any of the following recreational or street drugs? READ CHOICES.	YES	NO	DK	RF		
	a. Marijuana	1	2	-1	-2		
	b. Cocaine	1	2	-1	-2		
	c. Ecstasy	1	2	-1	-2		
	d. Methamphetamines or crank or ice	1	2	-1	-2		
	e. Anything else?	1	2	-1	-2		
F18.	IF YES TO F17E: What did he use? / Anything else?				_		
	SPECIFY:						

SPECIFY:

DK ASK F21& F22 RF SKIP TO G1

## **SUBSTANCE ABUSE-MOTHER**

Now I would like to ask you about any recreational drugs you may have used.

F19.	From 3 months before you became pregnant to the end of your pregnancy, did you use any of the following recreational or street drugs? READ				
	CHOICES.	YES	NO	DK	RF
	a. Marijuana	1	2	-1	-2
	b. Cocaine	1	2	-1	-2
	c. Ecstasy	1	2	-1	-2
	d. Methamphetamines or crank or ice	1	2	-1	-2
	e. Anything else?	1	2	-1	-2
F20.	IF YES TO F19E: What did you use? / Anything else?				

	F21.				F22.		
MOTHER'S RECREATIONAL/ STREET DRUG. LIST EACH "YES" FROM F19 AND F20.	Which month(s) did you take/use (SUBSTANCE)?			How often did you take/use (SUBSTANCE)?			
	МО	YES	NO	DK	FREQUENCY		
	В3	1	2	-1	PER DAY1		
FIRST SUBSTANCE					PER WEEK		
	B2	1	2	-1	L         DK         RF         □           PER DAY1         1		
					PER DAY		
	B1	1	2	-1	L∐ DK□ RF□		
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4		
	P1	1	2	-1	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□		
					PER DAY		
	P2	1	2	-1	L∐ DK□ RF□		
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4		
	P3	1	2	-1	LLL DK RF		
					PER DAY		
	T2	1	2	-1	LLL DK RF		
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4		
	Т3	1	2	-1	L∐ DK□ RF□		
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4		

	F21.				F22.
MOTHER'S RECREATIONAL/ STREET DRUG. LIST EACH "YES" FROM F19 AND F20.		h month use (SU			How often did you take/use (SUBSTANCE)?
	МО	YES	NO	DK	FREQUENCY
	ВЗ	1	2	-1	PER DAY1
SECOND SUBSTANCE	Do.				PER WEEK         2           PER MONTH         3           PER YEAR         4
	B2	1	2	-1	□□□ DK□□ RF□□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4
	B1	1	2	-1	L∐ DK□ RF□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4
	P1	1	2	-1	□□□ DK□ RF□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4
	P2	1	2	-1	L∐ DK□ RF□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4
	P3	1	2	-1	□□□ DK□ RF□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4
	T2	1	2	-1	L∐ DK□ RF□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4
	Т3	1	2	-1	L∐ DK□ RF□
					PER DAY       1         PER WEEK       2         PER MONTH       3         PER YEAR       4

IF MOTHER DID NOT PROVIDE DATES IN THE RESIDENCE HISTORY (A17 AND A18) THAT OVERLAP WITH THE DOC, SKIP TO SECTION H. OTHERWISE, CONTINUE.

## **SECTION G: WATER**

These questions relate to your use of water in your place at [RESIDENCE AT DOC], where you lived at the time you got pregnant.

G1.	Did your drinking water come from your own private well or were you on a public water supply around the time you got pregnant?	PRIVATE WELL
	WELLS CAN BE PUBLIC OR PRIVATE.	RF(SKIP TO G3)2 NA(SKIP TO G3)10
G2.	Was your well water chemically disinfected around the time you got pregnant?	YES 1 NO 2 DK -1
G3.	Was your home tap water filtered? PROMPT: Around the time you got pregnant.	All drinking water was filtered1 Some drinking water was filtered2 All water other than drinking water was filtered3
	READ CHOICES	Some water other than drinking water was filtered4
	CHOOSE ALL THAT APPLY.	No, none of the tap water was filtered       .5         DK       -1         RF       -2         NA       -10
G4.	Including water used for mixed drinks such as koolaid, how many 8-oz. glasses of <u>cold</u> tap water did you drink at your home, each day, around the time you became pregnant? PROMPT: Around the time you became pregnant means the month before pregnancy through the first trimester of pregnancy.	# GLASSES
G5.	How many 8-oz. glasses of water, heated after it comes out of the tap, such as coffee, brewed iced tea, and hot chocolate did you drink at your home, each day, around the time you got pregnant?	# GLASSES
	Now think about when you were away from your residence.	
G6.	Around the time you became pregnant, how many 8-oz. glasses of cold and hot tap water did you usually drink each day from a tap other than at your residence?	# GLASSES
G7.	Around the time you became pregnant, how many 8-oz. glasses of bottled water did you usually drink each day?	# GLASSES OF BOTTLED WATER
	(ROUND 1 12-OZ. BOTTLE DOWN)	DAY       1         WEEK       2         MONTH       3

	NOTE: RESPONSE OPTIONS FOR G8 AND GTU ARE:	1 = NEVER OR LESS THAN ONCE PER MONTO  1 M = 1 PER MONTH  2 M = 2 PER MONTH  1 W = 1 PER WEEK  2 W = 2 PER WEEK  3 W = 3 PER WEEK  4 W = 4 PER WEEK  5 W = 5 PER WEEK  6 W = 6 PER WEEK  1 D = 1 PER DAY  2 D = 2 PER DAY  3 D = 3 PER DAY  4 D = 4 PER DAY  5 D = 5 PER DAY  6 D = 6 PER DAY OR MORE  DK = -1  RF = -2
	Now I would like to ask you some questions about activity	ties at your home that involve water.
G8.	Around the time you got pregnant, how often did you take showers at home?	RECORD CODE
		DK RF
		IF = 00, SKIP TO G10.
G9.	Approximately how many minutes did you shower each time?	# MINUTES SHOWERING
	caon time.	DK RF
G10.	Around the time you got pregnant, how often did you take baths at home?	RECORD CODE
	you take baths at nome:	DK RF
		IF = 00, SKIP TO G12.
G11.	Approximately how many minutes did you bathe each time?	# MINUTES BATHING
	each unie!	DK RF

G12.	From 3 months before you became pregnant to the end
	of your pregnancy, did you use a hot tub, Jacuzzi or
	sauna?

G15a.

G16.

YES		1
NO	(SKIP TO H1)	2
	(SKIP TO H1)	

IF RESPONDENT USES MORE THAN ONE OF THESE, ADD ALL TIMES IN G14, AND CALCULATE AN AVERAGE DURATION IN MINUTES FOR ALL TYPES COMBINED FOR G15.

		G13.			G14.	G15.
	ig which n			se the	During (SPECIFY MONTH) how many	On average, for how many
hot tu	ıb, Jacuzz	i or saun	a?		times per month did you use the hot	minutes each time?
					tub, Jacuzzi or sauna?	
CIRCLE FOR EACH MONTH. DO NOT			TH. DO N	ОТ	INDICATE # TIMES FOR EACH MONTH.	INDICATE HOW MANY
CODE	E SHADED	AREA.			COMBINE ALL TYPES.	MINUTES EACH TIME.
МО	YES	NO	DK	RF	W.T.M.T.O.	
	(ASK	(NEXT)	(NEXT)	(NEXT)	# TIMES	# MINUTES
	G14-G15)					
ВЗ	1	2	-1	-2	L∐ DK□ RF□	
					DK RF	DK RF
B2	1	2	-1	-2	LLL DK RF	□ DK□ RF□
B1	1	2	-1	-2		
ים	'	2	-1	-2	DK RF	DK RF
P1	1	2	-1	-2	L∐ DK□ RF□	L∐ DK□ RF□
P2	1	2	-1	-2		LL DK RF
Do	4	0	4	0		
P3	1	2	-1	-2	DK RF	DK RF
P4	1	2	-1	-2	LL DK□ RF□	☐ DK☐ RF☐
P5	1	2	-1	-2	L∐ DK□ RF□	☐ DK☐ RF☐
P6	1	2	-1	-2		LL DK RF
P7	1	2	-1	-2		
Γ/	'	2	-1	-2	DK RF	DK RF
P8	1	2	-1	-2	LL DK□ RF□	☐ DK☐ RF☐
P9	1	2	-1	-2	LL DK□ RF□	☐ DK☐ RF☐
P10	1	2	-1	-2		LL DK RF
Wh	nich one d	id you use	e the mos	st?		1
		•				SKIP TO H1)2
						SAME3 SKIP TO H1)1
						SKIP TO H1)2
Wa	s the sou	rce of the	water for	r the hot	YES	1
						2
tub/Jacuzzi chemically disinfected?						1 2
					1 11	<u>L</u>

# **SECTION H: MOTHER'S OCCUPATION**

H1.	The next section is a series of questions about your work experiences—paid, volunteer, or military service. This includes part-time and full-time jobs, jobs at home, and jobs on a farm or outside your home that lasted one month or more. From 3 months before you became pregnant to the end of your pregnancy, did you have a job?	NO DK	(SKIP TO H3)
H2.	Were you (READ CHOICES) or did you do something else?	A student  Disabled  Unemployed/in  between Jobs  OTHER(SP  DK	nt (SKIP TO H12)
	SPECIFY:		DK
H3.	What were the names of the companies or organizations / What other companies did you work for? LIST ALL EMPL STUDENT, CATI FILLS IN "SCHOOL" HERE.  COMPANY/ORGANIZATION:  DK ASK H4 – H11	LÓYERS, INCLUDING "SI	
H4.	What was your job title there? IF STUDENT, CATI FILLS IN	N "STUDENT" HERE AND	SKIPS H5 & H6.
	JOB TITLE:		DK RF
H5.	What did they make or do? IF CONGLOMERATE: What di	d your division make o	r do?
	SPECIFY:		
		<del></del>	DK RF RF
H6.	Describe what you did and how you did it. What were yo	ur main activities or dut	ties? Anything else?
	MAIN ACTIVITIES/DUTIES:		
			DK RF
H7.	Describe any chemicals or substances you handled or mawith. Anything else?	achines that you used c	or worked in the same room
	CHEMICALS/SUBSTANCES/MACHINES USED:		
		NONE DK RF I	F NONE, DK OR RF, SKIP TO H8.

H8.	What month and year did you start job/school?	that <sub>[</sub>	DATE:	MM DK□	YYYY DK
H9.	What month and year did you end t	that job/school?	OATE:	MM  DK  WORKING = DATE OF	YYYY DK D
H10.	How many days per week did you u IF STUDENT: How many days per w to school?		DAYS PER WEE	EK DK□	_
H11.	How many hours per day did you u IF STUDENT: How many hours per of spend either at school or studying?	day did you	HOURS PER DA	ΑΥ DK 🗖	RF 🗖
	PAPER COPY INTERVIEWER INSTRI AND ([DOIB]/[DOPT]), USE SUPPLEM				
MOTHE	R'S OCCUPATION-MILITARY				
H12.	Have you served in active duty in the forces since 1990?	N 0.0. a.mod	NO DK	(SKIP TO I1) (SKIP TO I1) (SKIP TO I1)	2 1
	H13. In which country did you serve? Any other?	H14. From which month and ye		H15. which month and yo STILL SERVING ENTER FE)	
	A  DK ASK H14 & H15  RF SKIP TO I1	FROM: MM YYYY  DK DK DK	ТО:	DK DK	_
	B  DK ASK H14 & H15  RF SKIP TO I1	FROM: MM YYYYY DK DK DK	ТО:	MM YYY DK DK	_

# **SECTION I: FATHER'S OCCUPATION**

IF FATHER UNKNOWN (CHECK HERE IF PAPER COPY □), THEN SKIP TO I16.

I1.	Next I'm going to ask about ([NOIB]'s/the) father's work experiences. This includes paid, volunteer, or military service, part-time and full-time jobs, jobs at home, and jobs on a farm or outside his home that lasted one month or more. From 3 months before you became pregnant to the end of your pregnancy, did ([NOIB]'s/the) father have a job?	YES(SKIP * NO	2 1
l2.	Was he (READ CHOICES) or did he do something else?	A homemaker/parent (SK A student	(IP TO I3)
	SPECIFY:		DK
13.	What were the names of the companies or organization What other companies did he work for? LIST ALL EMPLO CATI FILLS IN SCHOOL HERE.  COMPANY/ORGANIZATION:		
	DK ASK I4 – I11	RF SKIP TO I12	
14.	What was his job title there? IF STUDENT, CATI FILLS IN JOB TITLE:		& 16. DK□ RF□
I5.	What did they make or do? (IF CONGLOMERATE:) What	did his division make or do?	
	SPECIFY:		
			DK RF
l6.	Describe what he did and how he did it. What were his I		
			DK RF
17.	Describe any chemicals or substances he handled or m with. Anything else?	nachines that he used or worked	I in the same room
	CHEMICALS/SUBSTANCES/MACHINES USED:		
		NONE DK RF IF NONE	E. DK OR RF. SKIP TO 18.

I8.	What month and year did he	start that job/school?	DATE:			YYY K
19. What month and year did he end that job/school		end that job/school?	DATE:			YYYY
			CURRENT	TLY WORKING = D		ok 🔲 IEW
I10.	How many days per week did IF STUDENT: How many days school?		DAYS PER	R WEEK	DK	_
l11.	How many hours per day did IF STUDENT: How many hour spend either at school or stud	HOURS P	ER DAY	DK	L	
	APER COPY INTERVIEWER INS DOIB]/[DOPT]), USE SUPPLEME					) AND
FATHE	ER'S OCCUPATION-MILITAR	Υ				
l12.	Has ([NOIB]'s/the) father serve the U.S. armed forces since		NO	(SKIP TO I	16)	2
	l13.	l14.			l15.	
	n which country did he serve? ny other?	From which month and y	ear?	To which mor	nth and year? NG ENTER CUR	RENT DATE)
Α.	DK ASK I14 & I15  RF SKIP TO I16	FROM: MM YYYYY DK DK DK	,	TO:	J ∐ H YYYY DK ☐	
В.	DK ASK I14 & I15  RF SKIP TO I16	FROM: MM YYYYY DK DK DK	,	TO:	DK D	
occi	UPATION—PESTICIDES					
I16.	From 3 months before you be end of your pregnancy, did a household apply pesticides a part of their work?	nyone in your	NO	(SKIP	TO J1)	2
l17.	How many times per day, we personally wash clothes that pesticide mixing or applicatio in clothes that may have gott from spills or drift during spra	had been worn during n? We are interested en pesticide on them	PER WEEK PER MONTH PER YEAR OTHER DK	DK NE	CIFY)	2 4 5 1

#### **SECTION P: PHYSICAL ACTIVITY**

grooming, feeding, or occasional lifting.

I am going to ask you about the time you spent being physically active in the three months before you became pregnant. Please answer each question even if you do not consider yourself to be an active person. Think about the activities you do at work, as part of your house and yard work, to get from place to place, and in your spare time for recreation, exercise or sport.

Now, think about all the *vigorous* activities which take *hard physical effort* that you did <u>in the three months before you became pregnant</u>. Vigorous activities make you breathe much harder than normal and may include heavy lifting, digging, aerobics, running, or fast bicycling. Think only about those physical activities that you did for at least 10 minutes at a time.

P1.	During the three months before you became pregnant, in a typical week on how many days did you do vigorous physical activities?  PROBE: Think only about those physical activities that you do for at least 10 minutes at a time.	DAYS PER WEEK
	and you do not at loads. To mind out a time.	II V, DK, OK HI , SKIF TO F3.
P2.	How much time did you usually spend doing vigorous physical activities on one of those days?	HOURS PER DAYRANGE: 0-16
	PROBE: Think only about those physical activities that you do for at least 10 minutes at a time.	MINUTES PER DAYRANGE: 0-960
		In the three months before you became pregnant, how much time in total would you spend in a typical week doing vigorous physical activities?
		HOURS PER WEEKRANGE: 0-112
		MINUTES PER WEEK
		DON'T KNOW/NOT SURE1 REFUSED2
<u>pregi</u> stand	think about activities which take <i>moderate physical effort</i> the nant. Moderate physical activities make you breathe some ding, carrying light loads at home or work, scrubbing or moging. Again, think about only those physical activities that you	what harder than normal and may include <u>child care while oping floors</u> , or bicycling at a regular pace. Do not include
P3.	During the three months before you became pregnant, in a typical week on how many days did you do moderate physical activities?	DAYS PER WEEK
	PROBE: Think only about those physical activities that you do for at least 10 minutes at a time.	DON'T KNOW/NOT SURE1 REFUSED2
	PROBE: Child care includes dressing, bathing,	IF 0, DK, OR RF, SKIP TO P5

P4.	How much time did you usually spend doing moderate physical activities on one of those days?	HOURS PER DAYRANGE: 0-16	L	
	PROBE: Think only about those physical activities	MINUTES PER DAY RANGE: 0-960		
	that you do for at least 10 minutes at a time.	OR		
		In the three months before you became pregnant, what is the total amount of till spent in a typical week doing moderate physical activities?	me	you
		HOURS PER WEEKRANGE: 0-112		
		MINUTES PER WEEK		
		DON'T KNOW/NOT SUREREFUSED		
	and at home, walking to travel from place to place, and an ation, sport, exercise, or leisure.  During the three months before you became pregnant, in a typical week on how many days did	DAYS PER WEEKRANGE: 0-7	or L	1
	you walk for at least 10 minutes at a time?  PROBE: Think only about the walking that you do for at least 10 minutes at a time.	DON'T KNOW/NOT SUREREFUSEDIF 0, DK, OR RF, SKIP TO P7		
P6.	How much time did you usually spend <u>walking</u> on one of those days?	HOURS PER DAY RANGE: 0-16 MINUTES PER DAYL RANGE: 0-960	L	
		In the three months before you becam pregnant, what is the total amount of ti spent walking in a typical week?		you
		HOURS PER WEEKL RANGE: 0-112		
		MINUTES PER WEEKL RANGE: 0-6720		
		DON'T KNOW/NOT SURE		

Now think about the time you spent sitting on week days in the three months before you became pregnant. Include time spent at work, at home, while doing course work, and during leisure time. This may include time spent sitting at a desk, visiting friends, reading or sitting or lying down to watch television.

P7.	In the three months before you became pregnant, in a typical week, how much time did you usually spend sitting on a week day?	HOURS PER DAY
	PROBE: Include time spent lying down (awake) as well as sitting.	OR
		What is the total amount of time you spent sitting on a typical Wednesday?
		HOURS ON WEDNESDAYRANGE: 0-16
		MINUTES ON WEDNESDAYRANGE: 0-960
		DON'T KNOW/NOT SURE1 REFUSED2

# SECTION J: FAMILY DEMOGRAPHICS-MOTHER

Now I will be asking about your ethnic background and education.
--

YES(SKIP T NO(SKIP T DK(SKIP T RF(SKIP T	2 TO J3)1
	pk
YEARS	
	<del></del>
	(ASK J4a)
rself a member of? PROMP uatemalan, Spanish, Central	
automaian, opamon, comia	American, South
	DK
·	American Indian or Alaska Native Asian Black or African American Hispanic or Latina Native Hawaiian or Other Pacific Islander White DK RF  e Hawaiian or other Pacific Is

# **FAMILY DEMOGRAPHICS-FATHER**

IF FATHER UNKNOWN, SKIP TO J14.			
The next few questions are about ([	[NOIB]'s/the	e) biologic or natural	father.

J7.	Was he born in the U.S.?	YES(SKIP TO J9) NO(SKIP TO J9)	2		
J8.	Where was he born?				
	SPECIFY:		bk		
	J8a. How many years has he lived in the U.S.?	YEARS	D DK		
J9.	What is his race or ethnic group? I'm going to read you a list and then please tell me all categories that apply to him. You can select more than one category.  SKIP PATTERNS DEPENDENT ON MULTIPLE CHOICES. FOR EXAMPLE, "BLACK" WON'T SKIP TO J11 IF ALSO ANSWERED ASIAN OR HISPANIC.	American Indian or Alaska Native	ASK J9a)		
	J9a. What country? PROMPT: Referring to Asian, Native Hawaiian or other Pacific Island countries.				
	(SKIP TO J11 UNLESS J9 ALSO = 4 OR 6)				
	J9b. What tribe does he consider himself a member of	?	DK		
	(SKIP TO J11 UNLESS J9 ALSO = 6)		5		
J10.	Which Hispanic or Spanish group do you consider you Rican, Salvadoran, Honduran, Colombian, Peruvian, Gamerican, etc?				
J11.	What was the highest grade or year of school or college that he had completed (at the time [NOIB] was born/by [DOPT])?	No formal schooling	02 03 04		
	IF RESPONDENT HESITATES, BEGIN READING CATEGORIES.	1-3 years college Completed technical college			

## **FAMILY INFORMATION**

J12.	Are you related to ([NOIB]'s/the) biologic or natural father by blood?	YES	2 1
J13.	What is/was your blood relationship to him?	1 <sup>ST</sup> COUSIN	
		SPECIFY:	DK
J14.	Did you have a health problem at birth or a birth defect that was diagnosed in childhood?	YES	2 1
	J14a. What was it?/Anything else?	PROBLEM:	DK
J15.	IF FATHER UNKNOWN, SKIP TO J16.		
	Did ([NOIB]'s/the) biologic or natural father have a health problem at birth or a birth defect that was diagnosed in childhood?	YES	2 1
	J15a. What was it?/Anything else?	PROBLEM:	DK
J16.	Did any of ([NOIB]'s/the) grandparents, uncles, aunts, cousins, half brothers or half sisters or younger brothers or sisters have a health problem at birth or a birth defect that was diagnosed in childhood?	YES	2 1

	J17.	J1	8.	J19.	
	What is this person's relationship to ([NOIB]/the baby)?/ Anyone else?	ASK ABOUT SEX C OBVIOUS, OTHERN ANSWER.		What problem or birth of (he/she) have?	defect did
		Is this person male	e or female?		
A.	PROBE: Aunt, cousin; grandfather, grandmother, great grandfather, great grandmother, great aunt, great uncle, half brother, half sister, uncle, other, SPECIFY:	MALE FEMALE DK	2 1	PROBLEM:	
В.	PROBE: Aunt, cousin; grandfather, grandmother, great grandfather, great grandmother, great aunt, great uncle, half brother, half sister, uncle, other, SPECIFY:	MALE FEMALE DK	2 1	PROBLEM:	
HOUS	EHOLD INCOME				
J20.	In the year before you became pregiction ([NOIB]/this pregnancy), what was you household income? Please include Medicaid, Social Security, and Unempayments. Was itREAD CHOICES.	our total income such as	More then Fifty In Between DK	Thousand(SKIP TO J21) Thousand(SKIP TO J21) (SKIP TO J22) (SKIP TO J22)	
J20a.	Would you say it was  IF THE ANSWER IS 20,000, FOR EXAMPLE THE HIGH RANGE, 20-30,000.	E, ROUND UP TO	20 to 30 Thousa 30 to 40 Thousa 40 to 50 Thousa DK	and Dollarsand Dollarsand Dollarsand Dollars, orand Dollars	2 4 1
J21.	How many people were supported b including both adults and children? year before you became pregnant w	HINT: In the	# OF PEOPLE	DK RF	
J22.	Were you married at the time ([NOIB [DOPT])? HINT: "SEPARATED" AND "COMMON-CONSIDERED "MARRIED" HERE.		NO DK		2 1

SEC1	<b>LIUN</b>	ĸ.	CL	വടി	NG
		r.	$\sim$	voi	IVG

۱.	As I said at the beginning, we do not know what causes most birth defects and that is why we asked about many things. Is there anything, including some of the factors we've talked about, that <u>you</u> think might be a cause of birth defects?	, NO	
2.	Can you tell me about some of those factors?		
BR	IEFING STATEMENT		
<b>3.</b>	In case we need to get in touch with you in the future, would you be willing to give us the name and address o someone who would always know where you are? This information will be kept separate from your questionnaire. It will be locked except when needed by the research team, and will be destroyed when the studis finished.	f NO DK RF	
١. [	NAME OF CONTACT:		
	PREFIX: MS/MRS./MR./DR		
	FIRST NAME:	LAST NAME:	
	STREET/APARTMENT:		DK
	CITY, STATE:	DK	ZIP CODE: DK
	HOME PHONE:/	WORK PHONE: L	
	RELATIONSHIP:		DK
	That completes the interview, but as you read in the advice completed the first part, the interview, that will help us undesecond part of the study will help us understand the genetic soft brushes to collect cell samples from the inside of your (NOIB)'s mouth, SKIP IF FATHER UNKNOWN: and ([NOIB]'s in the kit to provide for any inconvenience. You can decide after you receive the kit. What is your current mailing address.	erstand the enviro cs of birth defects mouth, SKIP IF TA s/the) father's mou whether to take p	onmental causes of birth defects. The s. We will mail a kit to you with small, AB/STILLBIRTH/BABY DECEASED: uth. We will enclose \$20.00 per family
	STREET		APT
	CITY	STATE	ZIP

K6.	6. CHECK THIS BOX IF PARTICIPANT DOES NOT WANT TO RECEIVE BUCCAL KIT.				
	IF FATHER UNKNOWN, SKIP K7a AND K7c.				
K7a.	Does the biologic or natural father of ([NOIB]/this pregnancy) live at the same address?	YES	2		
K7b.	CHECK YES IF CENTER REQUESTS ADDRESS OF FATHER.	YES(SKIP TO K7d)	1 2		
K7c.	We would like to mail a kit and a \$10 money order to his current address. What is his current mailing address?				
	FATHER'S ADDRESS: DK ☐ RF ☐				
	STREET	APT	-		
	CITY	STATE ZIP	-		
K7d.	KIT NOT BEING SENT TO FATHER BECAUSE:  IF FATHER UNKNOWN, CATI AUTOFILL = 9.	CENTER DOES NOT COLLECT FATHER'S ADDRESS	2 1 9		
FINAL	REMARK				
	In closing, we would like to sincerely thank you for study will help us greatly in our efforts to better und	your time and efforts. Your contribution to this importa erstand the causes of birth defects. Thank you.	ınt		
INTER	RVIEWER STATUS				
K8.	INTERVIEWER ID	ID#:			
K9.	WAS THE INTERVIEW A PHONE OR IN-PERSON INTERVIEW?	PHONE INTERVIEWIN-PERSON INTERVIEW			
K10.	STATUS OF INTERVIEW:	COMPLETE TO BE CONTINUED (GO TO CALL SCHEDULE UPON EXIT) REFUSAL/PERMANENT BREAK-OFF	2		
K11.	DATE INTERVIEW COMPLETED/ REFUSED/BROKE-OFF:	DATE	J		
		MM DD YYYY	_		

# **INTERVIEWER REMARKS**

K12.	THE OVERALL QUALITY OF THIS INTERVIEW WAS:	HIGH QUALITY GENERALLY RELIABLE QUESTIONABLE UNSATISFACTORY	2 3
K13.	DID THE FATHER (NOIB'S) CONTRIBUTE TO THE MOTHER'S ANSWERS?	YES NODK	2
K14.	DID SOME OTHER PERSON CONTRIBUTE TO THE MOTHER'S ANSWERS?	YES NO DK	2
	A. WHO WAS IT?		DK
K15.	IF CODE 3 OR 4 AT K12, ANSWER: THE MAIN REASON FOR QUESTIONABLE OR UNSATISFACTORY QUALITY OF INFORMATION WAS BECAUSE THE RESPONDENT:	DID NOT KNOW ENOUGH INFORMATION REGARDING THE TOPIC	
	SPECIFY:		
K16.	WAS THE MAJORITY OF THE INTERVIEW DONE IN ENGLISH OR IN SPANISH?	ENGLISHSPANISHHALF ENGLISH/HALF SPANISH	2
K17.	WAS THIS INTERVIEW TRANSLATED BY ANOTHER PERSON?	YES	

K18.	USE THIS SPACE FOR ANY OTHER COMMENTS YOU HAVE WHICH MAY AFFECT THE INTERPRETATION CONTROL THIS RESPONDENT'S ANSWERS.		
	·		

# **Appendix**

# National Birth Defects Prevention Study Mother Questionnaire

This interview was conducted with CATI (computer-assisted telephone interview). This hard copy questionnaire serves as a documentation of the computer interview. It can also be used in "emergency" situations to continue an interview during a computer failure with the precaution that the hard copy is not ideal for conducting interviews as it does not have the range checks, automatic skip patterns, dropdown coding lists, automatic text and date insertions and electronic consistency checks built in. The interviews should be conducted and documented in accordance with the specific instructions provided in the Question-by-Question Interviewer Manual.

To save on the number of pages created for this hard copy, repetitive response lists and special code options are printed here in the appendix, rather than in the body of the questionnaire.

Investigators should note that this document is not a "codebook" for the CATI database. Every effort has been made to match the response codes in the hard copy questionnaire with the data codes in the CATI database and in analytic databases, however, there are some limitations. This hard copy does not show codes for open-ended text fields. As codes are created, altered and added, the updated coding lists are posted on the **Centers' study website**. That would be the definitive source for all codes.

There are also some conventions possible with the computerized format that are not practical for listing in the hard copy such as special buttons allowing the interviewer to automatically select the same response for a number of months. Those are not captured in this hard copy.

### TABS:

In cases where the mother had a therapeutic abortion, the CATI automatically substitutes terms such as "the (NOIB)", or name of index baby, with other terms such as "the affected pregnancy", or "the pregnancy".

## Other Response Options and Codes:

Refused and Don't Know options are allowed at almost every field in the CATI. The Don't Know option will show at most fields in the hard copy, but the Refused option was not repeated at each response, to save paper. Don't Know check boxes have been added to certain fields when DK isn't an option in a response list, such as in text fields. When subjects refuse to respond, the interviewer should circle the RF option, or check the RF check box. If neither are available, she should write RF next to the other response codes or in the open fields or next to any date fields on the hard copy. Skip instructions for refusals (RF) and don't knows (DK) should follow the skip patterns for NO responses at gateways. In drop down lists, RF may skip over subsequent questions and DK may lead to the next questions. Those instructions are shown in the hard copy.

The first version of the hard copy used 7, 8, 97, and 98 for RF and DK codes. Those were replaced in this version with the following codes, to be consistent with the values in the analytic database:

DK = -1

RF = -2

Other = -5

N/A = -10

### Ages:

Some questions ask for ages, such as when a condition was diagnosed. In addition to being able to enter a specific age. the interviewer can select one of the following age group responses listed in the CATI:

infancy (<1 yr) childhood (1-12)

teenage (13-19) young adult (20-25)

adult

### **Time Periods:**

Many questions are asked by month of pregnancy or trimester, and for each of the three months prior to pregnancy. The CATI actually shows a reference date for each of these time periods. The designations are:

B3 (3 months before pregnancy)

B2 (2 months before pregnancy)

B1 (1 month before pregnancy)

P1 (month 1 of pregnancy)

P2 (month 2 of pregnancy)

P3 (month 3 of pregnancy)

T2 (2<sup>nd</sup> trimester)
T3 (3<sup>rd</sup> trimester)

In some questions asking about events in the past, in addition to listing a particular calendar month, these following response options are listed:

**B**3

B2

B1 P1

P2

P3

P4 P5

P6

P7

P8

P9

P10

Beginning of year

Middle of year

End of year

When asking about a particular week of the pregnancy in which an event occurred, in addition to weeks, other response options are:

T1, T2, T3

A few questions only ask about the period two months prior to pregnancy. Although other response options are listed in the CATI, they may be blocked.

Many of the open-ended fields contain a dropdown list of choices available to the interviewer in the CATI. The interviewer can select one of these responses by typing in the first few letters. The response is linked to a code internally. If the response is not on the list, she enters the appropriate response in the text specify field. Most responses entered this way are coded later. These lists are not all inclusive, so that is why other responses can be written in.

See the latest coding lists on the Centers' study website. There are 14 coding lists created as new responses were encountered, and 5 standardized coding lists used: ICD-9-CM, CPT, NAICS, SOC and the Slone Drug Dictionary.

### **Medication Frequency:**

Questions that ask for the frequency of medicine use (in sections A, B, C and D) can be answered with these additional codes as needed:

- 90 = IV (any)
- 92 = Patch (worn continuously)
- 93 = Schedule varied/ as needed
- 94 = Tapering frequency
- 95 = Per time period (this refers to the number of times she took a drug between the dates she listed)

When these codes are used, the "per day/per week/per month/per year" is skipped.

### **Food Frequency:**

For items using the Food Frequency response choices, the CATI screen employs the codes 0 through 6D (middle column below). However, the background CATI database designates these codes numerically as shown under Database. This response list is also available for some other fields, such as frequency of pesticide use.

CATI RESPONSE	CATI SCREEN CODE	DATABASE
NEVER OR < ONCE PER MONTH		0
2 PER MONTH		2
3 PER MONTH		3
1 PER WEEK		11
3 PER WEEK		13
4 PER WEEK		14
5 PER WEEK	-	15
6 PER WEEK 1 PER DAY	-	16   21
2 PER DAY		22
3 PER DAY		23
4 PER DAY		24
5 PER DAY	-	25 26
DK	-	-1
RF		-2

## **Electronic Drug Dictionary:**

The electronic CATI contains an embedded Drug Dictionary developed by the Slone Epidemiology Center of Boston University School of Medicine. This is updated on a regular basis and replaces the older version in the CATI and in the electronic coding program. Permission to use the SEC Drug Dictionary may be obtained from:

Allen Mitchell, MD Director, SEC Slone Epidemiology Center Boston University 1010 Commonwealth Ave, 4th Floor Boston MA 02215 617-734-6006