

National Birth Defects Prevention Study

Mother Questionnaire CATI Version 4

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

April 30, 2007

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).

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NOIB STA Live Birth Stillbirth Deceased			ID# LILILIAN FATHER UNKNOWN	
Therapeutic Abortion NOIB'S FIRST NAME:			EDD: LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	
,	PREGNA	NCY CALENDAR	DOIB/DOPT:	L L L L L
	MONTH	MONTH BEGIN	MONTH END	CHECK DOIB OR DOPT
		MM DD YYYY	MM DD YYYY	MONTH
	В3			
	B2			
	B1			
T1	P1			
• •	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.

TABLE OF CONTENTS

SECTION	Page
A. Establishing Dates and Preg	gnancy Details1
B. Maternal Health	
C. Medications and Herbal Ren	medies44
D. Vitamins and Dietary Details	s48
E. Stress	62
F. Tobacco, Alcohol and Subst	ance Abuse63
G. Water Exposures	71
H. Mother's Occupation	74
I. Father's Occupation	
J. Family Demographics	79
K. Closing	83
Appendix	87

OPENING STATEMENT

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 MM DD	YYYY
	NOTE: IF MOM KNOWS DUE DATE, CATI WILL CALCULATE CALENDAR DATES. IF MOM DOES NOT KNOW DUE DATE, UDATABASE 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 D	к
	IF NOIB IS "TAB" OR "STILLBIRTH,"THEN SKIP TO A7			
A4.	Is (NOIB) still living?	YES NO DK RF	(SKIP TO A7)	2 1
A5.	What did s/he die of?			
	SPECIFY:			
			CHECK IF D	к
			CHECK IF R	F 🗖

A6.	How old was s/he when s/he died?	AGE	
		DAY(S)	2 3 4
A7.	What was your date of birth?	DOB	DD YYYY
		CHECK IF DK	DD YYYY
		CHECK IF RF	
A8.	I would like to ask about ([NOIB]'s/the baby's) biologic or natural father.	DOB	DD YYYY
	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?	CHECK IF DK DOB	DD YYYY
		CHECK IF DK WHO FATHER IS	
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	DK RF R

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?	IF A10 = 1: Did your (1 st /2 nd /3 rd , etc.) pregnancy end with (a/an) (READ CATEGORIES)? IF A10 >1: For your (1 st /2 nd /3 rd , etc.) pregnancy, what was the outcome for the (1 st /2 nd /3 rd , etc.) baby? READ CATEGORIES AND RECORD OUTCOME FOR EACH BABY.	In your (1st/ 2nd/3rd, etc.) pregnancy, was there a health problem with the pregnancy or was a birth defect diagnosed at any time?	IF YES: What was it?
	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.	# U DK Q RF Q	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT DK
PREG 2.	# L DK RF C	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT DK
PREG 3.	# U DK 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.	# LJ DK D RF	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT DK

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 A19	9

RESIDENCE HISTORY

	A16.	A17.	A18.
	What was the street address of your (1 st /2 nd /3 rd) residence? LIST ALL IN CHART.	What month and year did you start living there?	What month and year did you stop living there?
Α.	STREET: CITY: STATE: ZIP: COUNTRY: DK RF R	MM YYYY DK RF	MM YYYY DK
B.	STREET: CITY: STATE: ZIP: COUNTRY: DK	MM YYYY DK RF	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 some questions specific to your pregnancy (with [NOIB]/affected by a birth defect).

A19.	From 3 months before you became pregnant to the end of your pregnancy, did you use any method of contraception or birth control?	YES(SKIP TO A27)DK(SKIP TO A27)	2
A20.	For the same time period, did you use any birth	YES	1
,	control pills or morning after pills?	NO(SKIP TO A24)	2
	control pills of morning after pills?	DK(SKIP TO A24)	1

	A21.			A22.		
What was the name of your pills?/Any others? IF MOM DOES NOT KNOW, READ ENTIRE LIST. Was it (READ LIST)? LIST ALL BELOW.				nonths we ACEPTIVE	re you us	ing
Alesse Demulen Depo-provera Desogen Estrogen/Progesterone	Minipill Mircette Morning after pill Necon Nordette	Ortho-Novum 777 OrthoTri-Cyclen pill Ovcon Tri-Levlen	Ì		,	
Levlen Lo/Ovral	Norethin Ortho-Cept	Tri-Norinyl Triphasil Birth Control Pill (NOS)	MO	YES	NO	DK
Loestrin Micronor	Ortho-Cyclen Ortho-Novum	Other - (Specify Below)	В3	1	2	-1
			B2	1	2	-1
			B1	1	2	-1
FIRST BIR	TH CONTROL OR MORNIN	G AFTER PILL	P1	1	2	-1
			P2	1	2	-1
	DK RF RF ASK A22 SKIP TO A23		P3	1	2	-1
			T2	1	2	-1
			Т3	1	2	-1
			В3	1	2	-1
			B2	1	2	-1
SECOND BIRTH CONTROL OR MORNING AFTER PILL		B1	1	2	-1	
0200.12 2	DK RF		P1	1	2	-1
			P2	1	2	-1
	ASK A22 SKIP	TO A23	P3	1	2	-1
			T2	1	2	-1
_			Т3	1	2	-1
			В3	1	2	-1
			B2	1	2	-1
THIRD BIR	TH CONTROL OR MORNIN	IG AFTER PILL	B1	1	2	-1
		-	P1	1	2	-1
	DK RF		P2	1	2	-1
ASK A22 SKIP TO A23		10 723	P3	1	2	-1
			T2	1	2	-1
			Т3	1	2	-1

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

YES		1
NO	(SKIP TO A26)	2
	(SKIP TO A26)	

A24. A25

A24.		A25.			
Which methods of contraception did you use?/Any others? LIST ALL.		Which months were you using (METHOD)?			THOD)?
LIGITALL.		MO	YES	NO	DK
A.	BIRTH CONTROL PATCH (ORTHO EVRA) = 23	В3	1	2	-1
	CERVICAL CAP = 01 CONDOMS (FEMALE) = 02 CONDOMS (MALE) = 20	B2	1	2	-1
DK	CONTRACEPTIVE FILM/VCF = 24 DEPO PROVERA INJECTIONS = 03	B1	1	2	-1
ASK A25 RF	DIAPHRAGM = 04 FOAM = 05 GEL = 06	P1	1	2	-1
SKIP TO A26	INJECTIONS, NOS = 08 INJECTIONS FROM MEXICO = 09	P2	1	2	-1
	IUD = 10 NATURAL FAMILY PLANNING/	P3	1	2	-1
	BASAL TEMPERATURE/MUCUS METHOD = 11 NORPLANT = 12 NUVARING = 31	T2	1	2	-1
	RHYTHM METHOD = 13 SPERMICIDE, NOS = 14	Т3	1	2	-1
D.	SPONGE/ VAGINAL SPONGE = 15 SUPPOSITORY OR INSERT = 16 TUBAL LIGATION = 17				
В.	VASECTOMY = 18 WITHDRAWAL = 19	В3	1	2	-1
	OTHER, = -5 SPECIFY:	B2	1	2	-1
DK ASK A25		B1	1	2	-1
RF□		P1	1	2	-1
SKIP TO A26		P2	1	2	-1
		P3	1	2	-1
		T2	1	2	-1
		Т3	1	2	-1

A26.	Did you	(READ	CHOICES)?

A27. At the time that you became pregnant (with [NOIB]/with this pregnancy), did you want to become pregnant then, did you want to wait until later, or did you not want to become pregnant at all?

Stop using contraception to get	
pregnant(SKIP TO A28)	1
Get pregnant during an interruption in using	
contraception, or	2
Get pregnant while consistently using contracepti	on
(SKIP TO A28)	3
DK	
WANT TO BE PREGNANT THEN	
WANT TO WAIT TILL LATER	2
DIDN'T WANT TO BECOME PREGNANT	
AT ALL	3
DIDN'T CARE	4
DIC	

PRENATAL CARE

A28.	How far along were you when you found out you were pregnant?	WEEKS			
	you were pregnant:	OR		1	
		MONTHS		L	Ш
			DK	RF 🔲	
A29.	Did you have prenatal care with ([NOIB]'s/this) pregnancy?	YES NO DK	. (SKIP TO A31)		2
A30.	When was your first prenatal visit? Do not include the visit in which your pregnancy was first confirmed.	DATE		YYYY	
	IF SHE ONLY USED A HOME PREGNANCY TEST, THEN WE'RE REFERRING TO THE FIRST VISIT	WEEKS PREGNAI	NT		

Now I'm going to ask about tests you may have had during (your pregnancy with [NOIB]/this pregnancy).

AMNIOCENTESIS

A31. Did you have an Amniocentesis or amnio?

NO......(SKIP TO A33)......2 DK......-1

DK

RF 🔲

DEFINITION IF NEEDED: Amniocentesis is a procedure done during pregnancy to test for various birth defects. A thin needle is inserted through the abdomen and into the uterus and a few teaspoons of amniotic fluid are withdrawn. The fetal cells that float in the amniotic fluid are then studied in a lab.

A32. What was the date or week of pregnancy when the amniocentesis was done?

AFTER THE POSITIVE HOME TEST.

DATE:					
	MM	DD	ΥY	ΥY	
OR					
WEEKS PREGNANT					
]	ok 🔲	ı	RF		

CVS

A33	Did you have Chorionic Villus Sampling or	YES	. 1
7 100.	CV22	NO(SKIP TO A35)	.2
	CV3!	DK(SKIP TO A35)	-1

IF NEEDED: Chorionic villus sampling or CVS:

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.)

A34.	What was the date or week of pregnancy when the CVS was done?	DATE:	MM DD	YYYY
		OR		
		WEEKS PREGNANT		
				DK

PRENATAL SURGERY

IF TAB, SKIP A35 THROUGH A38.

A35. Were any surgical procedures performed on (NOIB) before birth?

YES		1
	(SKIP TO A39)	
	(SKIP TO A39)	

A36. What was the name of the prenatal medical procedure?/Any others? LIST ALL.	A37. What was the date or week of pregnancy it was done?	A38. Why was the medical procedure performed? REFERRING TO (PROCEDURE)
A DK ASK A37 & A38 RF SKIP TO A39	MM DD YYYY OR WKS PREG DK RF	REASON DK
B	MM DD YYYY OR WKS PREG DK RF	REASON DK

FER.	TII I'	TV D	CT	ΛII	C
FER		1 T L	/C I	AIL	

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

YES		
	(SKIP TO A55)	
	(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	2
	TO A43)	

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.

A41. What was the procedure?/Are there any more FOR EACH PROCEDURE, ASK: What was the date? procedures? LIST ALL. Open fallopian tubes1 Α. Rejoin fallopian tubes2 Treatment of uterine fibroids3 Removal of endometriosis......4 Other (SPECIFY): _______-5 DK(ASK A42).....-1 RF.....(SKIP TO Á43).....-2 Open fallopian tubes1 B. Rejoin fallopian tubes2 Treatment of uterine fibroids3 Removal of endometriosis......4 Other (SPECIFY): ________-5 DK \ DK(ASK A42).....-1 RF.....(SKIP TO Á43)....-2

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
	(SKIP TO A46)	

A44.	A45.
What medications or injections did you take? / Anything else? IF MOM DOES NOT KNOW, READ LIST. Was it (READ LIST)? RECORD ALL BELOW. IF NO OR DK TO ALL, SKIP TO A46.	From what month and year to what month and year did you take (MEDICATION)?
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 Factrel Profasi HP Other medication (SPECIFY)	
	FROM: MM YYYY DK D DK
FIRST MEDICATION / INJECTION	то:
DK ASK A45 RF SKIP TO A46	DK DK DK
	FROM: MM YYYY DK D DK
SECOND MEDICATION / INJECTION	то:
DK ASK A45 RF SKIP TO A46	DK DK
	FROM: MM YYYY DK D DK
THIRD MEDICATION / INJECTION	то:
DK ASK A45 RF SKIP TO A46	DKU DKU
	FROM: MM YYYY DK DK D
FOURTH MEDICATION / INJECTION	то:
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		
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)?	Were frozen egg(s), 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	EGG(S) 1 2 -1 SPERM 1 2 -1 EMBRYO(S) 1 2 -1	EGG(S) 1 2 -1 SPERM 1 2 -1 EMBRYO(S) 1 2 -1
DK1 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			

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	
NO	.(SKIP TO A55)
	(SKIP TO A55)

A53. A54

A53.	A54.
What was the procedure? PROBE: Are there any more procedures? LIST ALL.	FOR EACH PROCEDURE, ASK: What was the date? REFERRING TO (PROCEDURE)
A DK ASK A54 RF SKIP TO A55	DK D D
B	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	ə	
Progesterone		
Rhogam		
Unknown Steroids.		
RF	(SKIP TO A61).	
1		DK □
2.		DK
3.		

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.

	A57.	A58.	A59.	A60.
	Between (P1) and ([DOIB]/[DOPT]), when did	When did you stop using (MEDICINE)?	How long did you take it?	How often did you use (MEDICINE)?
	you start using (MEDICINE) for this condition?	OR ASK A59		SEE SPECIAL 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	DK	DAY(S)	PER DAY
3 DK ASK A57-A60 RF SKIP TO A61	DK	DK	DAY(S)	PER DAY

MORNING SICKNESS

Ν	Now.	l ha	ave some	questions a	ibout mo	rnina sia	ckness (durina (vour i	oregnancy	∕ with l	NOIBL	/vour i	orear	าลทငง	1
•	,			940040110				~ ~ · · · · · · · · · · · · · · · · · ·	,	0.09.10.10	,		<i>,</i> – – – – – – – – – – – – – – – – – – –	0.09.		,

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

YES		
NO	(SKIP TO A71) 2
DK		

		A62. month(s)		A63. How often during (SPECIFY MONTH)	A64. How often during (SPECIFY MONTH)
have nausea or vomiting?			ıg?	did you have nausea? Would you say it was (READ LIST)?	did you have vomiting? Would you say it was (READ LIST)?
МО	YES (ASK A63- A64)	NO (NEXT PERIOD)	DK (NEXT PERIOD)	it was (NEXE Eler):	Say it was (KE/ID EIST):
P1	1	2	-1	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	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 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	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
Т2	1	2	-1	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	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
Т3	1	2	-1	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	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

	ave any medical treatment or tans ns for your nausea or vomiting	2 NO	(SKIP TO			
FOR EACH MED, A AND/OR A68, ASK	SK A67–A70. IF GET EXACT DA A69.	TES IN A67 AND A68, SKIP A6	9. IF GET PARTIAL	DATES OR DK IN A67		
A66.	A67.	A68	A69.	A70.		
What did you take? PROBE: Did you take anything else?	Between (P1) and ([DOIB]/[DOPT]) when did you start using (MEDICINE) for your nausea or	When did you stop using (MEDICINE)? OR ASK A69.	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX		
LIST ALL. FOR EVERY MEDICINE, ASK A67-A70.	vomiting?					
	MM DD YYYY	MM DD YYYY	DURATION	FREQUENCY		
1	- - -		LLL DK	PER DAY1		
DK ASK A67-A70 RF SKIP TO A71	DK	DK	DAY(S) 1 WEEK(S) 2 MONTH(S) 3	PER WEEK		
2				LLL DK		
DK ASK A67-A70	DK	DK	DAY(S) 1 WEEK(S) 2 MONTH(S) 3	PER DAY		
DIARRHEA						
through you would be (E	nths before you became pregrur 3 rd month of pregnancy, whi 33 through P3), did you ever hat is 3 or more unusually loose?	ch NO DK	(SKIP TO A			
A72. On about h	ow many days did you have di	iarrhea? # OF DAY	'SDK	RF R		
DIETING						
Now I have some pregnancy).	Now I have some questions about weight change before and during the early part of (your pregnancy with [NOIB]/your					
	did you weigh before (your pre/ /your pregnancy)?	egnancy ENTER N	UMBERDK	RF		
				2		

A74.	At any time from 3 months before you became pregnant through your 3 rd month of pregnancy did you try to lose weight?	YES				
	aid you try to lose weight?	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 Eating foods with lower calories, lower fat or lower carbohydrates Exercising				
		Taking laxatives, water pills or diuretics				
	A75a. ENTER MEDICINES AND HERBS	A. SPECIFY MEDICINES/HERBS:				
	A75b. ENTER ANY OTHER WEIGHT LOSS METHODS.	B. SPECIFY OTHER WEIGHT LOSS METHODS:				
Now	l am going to ask you about actual weight change in ea	rly pregnancy.				
A76.	During the first 3 months of your pregnancy, (P1 through P3) did you gain weight, lose weight, or stay the same?	GAIN 1 LOSE 2 STAY THE SAME (SKIP TO A78) 3 DK (SKIP TO A78) -1 RF (SKIP TO A78) -2				
A77.	How much weight did you (gain/lose) in that period?	WEIGHT (GAIN/LOSS)DK RF POUNDS				
A78.	Overall, how much weight did you gain or lose during the entire pregnancy?	ENTER NUMBER DK RF POUNDS 1				
		KG2				
A79.	ENTER GAIN/LOSS/NO CHANGE.	GAIN 1 LOSS 2 NO CHANGE 3 DK -1				
A80.	What is your height without shoes?	FEETDK RF				
		INCHESDK RF RF				
		OR CENTIMETERS				
		DK ∟ 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?	DK1 DATE
	PROBE: How old were you when you were diagnosed? SEE SPECIAL CODES IN APPENDIX .	OR AGE IN YEARSDK DDK DDK DDK DDK DDK DDK DDK DDK
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(SKIP TO B8)
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 P	ATTERNS:

What did you do? Did you? READ OPTIONS.		
CHOOSE ALL THAT APPLY.	c. Take medications or other remedies(ASK d. Do anything else(ASK B16)	0)02 B11)03 04
IF B9 = a OR b: In order to modify your eating habits or control your weight, did you? READ OPTIONS. CHOOSE ALL THAT APPLY.	Eat healthier but no specific diabetes diet	02 03 5 1
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?	Diabinese Glucophage Glucotrol Glucotrol XL Glynase Prestab Micronase Other (SPECIFY) RF (SKIP TO B16)	
	CHOOSE ALL THAT APPLY. IF B9 = a OR b: In order to modify your eating habits or control your weight, did you? READ OPTIONS. CHOOSE ALL THAT APPLY. 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,	CHOOSE ALL THAT APPLY. b. Control your weight gain(ASK B10 c. Take medications or other remedies(ASK d. Do anything else

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.	B1	3.	B14.	B15.
	Between (B3) and	When did you	stop using	How long did	How often did you
	([DOIB]/[DOPT]), when did	(MEDICINE)?		you take it?	use (MEDICINE)?
	you start using (MEDICINE) for this	OR ASK B14			SEE SPECIAL CODES
	illness?	OK NOK BI4			IN APPENDIX
DRUG	MM DD YYYY	MM DD	YYYY	DURATION	FREQUENCY
1.				L∐ DK □	L∐ DK □
DK ASK B12-B15				Day(a) 1	Per Day1
	DK 🔲 🔲	DK 🔲		Day(s)1 Week(s)2	Per Week2
RF SKIP TO B16				Month(s)3	Per Month 3 Per Year 4
					. 0 00
_					
2					
DK ASK B12-B15	DK	DK \		Day(s)1 Week(s)2	Per Day1 Per Week2
RF SKIP TO B16			_	Month(s)3	Per Month3
					Per Year4
		, , ,, ,, ,,		👝	
3					
DK ASK B12-B15			_	Day(s)1	Per Day 1
RF SKIP TO B16		DK 🔲		Week(s)2	Per Week2 Per Month3
RF SKIP 10 B10				Month(s)3	Per Year4
B16. IF B9 = d: What else d	id you do?/Anything else?		1		bk□
	,		2.		DK□
			3.		
			J		DN
	id (this measure/these measu	res)	Always		01
	rolling your diabetes?			ie	02
READ OPTIC	ONIC.				03
			DK		1
			KF		2

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 Pregnancy-related - that is during pregnancy only? This might also be called pregnancy-induced toxemia or preeclampsia or eclampsia. Or was it Chronic high blood pressure or chronic hypertension ? 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
	PROBE: How old were you when you were diagnosed? SEE SPECIAL CODES IN APPENDIX.	OR AGE IN YEARSDK DK DK DK
B21.	SKIP IF B19 = 1: Were you pregnant at the time?	YES
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 vou 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	
3DK	

FOR EACH MED, ASK B25-B28. IF GET EXACT DATES IN B25 ${
m AND}$ B26, SKIP B27. IF GET PARTIAL DATES OR DK IN B25 ${
m AND/OR}$ 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				L∐ dk□
RF SKIP TO B29	DK	DK	Day(s)1 Week(s)2 Month(s)3	Per Day
2 DK ASK B25-B28				LLL DK
RF SKIP TO B29	DK	DK	Day(s)1 Week(s)2 Month(s)3	Per Day
3 DK ASK B25-B28				LLL DK
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)	2
B30.	Were you ever told by a doctor that you had epilepsy?	YES(SKIP TO B38) NO(SKIP TO B38) DK(SKIP TO B38)	2
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) 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	DK _
		2.	DK □ DK □
		3.	UK ∟

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 (B3) and				top using	How long did	How often did	
				when did (MEDICINE)	(MEDICI	NE)?		you take it?	you use (MEDICINE)?
		for this i		(MEDICINE)	OR ASK	B36			(MEDICINE):
									SEE SPECIAL CODES IN APPENDIX
	DRUG	MM	DD	YYYY	MM	DD	YYYY	DURATION	FREQUENCY
1	SK B34-B37							LLL DK	LLL DK
_	SK B34-B37 KIP TO B40	DK			DK□			Day(s)1 Week(s)2 Month(s)3	Per Day
2								∟∐ DK □	LLL DK
	SK B34-B37 KIP TO B40	DK			DK			Day(s)1 Week(s)2 Month(s)3	Per Day
3	·····	LLLL						L∐ DK□	L∐ DK□
	SK B34-B37 KIP TO B40	DK			DK			Day(s)1 Week(s)2 Month(s)3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
		SKID	TO B40.						
		JRIP	10 640.	•					
B38.	Did you ever he to fever?	nave seizi	ures tha	t were not re	lated	NO		(SKIP TO B40) (SKIP TO B40)	2
B39. Did you take any medications or remedies for seizures from 3 months before you became pregnant to the end of your pregnancy?			NO		TO B33 AND FILL OU	2			

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?

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.

	B41.	B42.	B43.	B44.
	When did your (1 st /2 nd /3 rd)	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).
		1		YES NO DK
1.	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	a. Respiratory symptoms such as a cough, congestion or runny nose

2. MM DD DK	YYYY MM D	YYYY	DAY(S)	a. Respiratory symptoms such as a cough, congestion or runny nose
				b. Diarrhea or vomiting
				d. Fever

	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 take anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST: Did you take?
1.	HOUR(S)	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES	Acetaminophen □ Advil □ Afrin Nasal Spray □ Amoxicillin □ Ampicillin □ Augmentin □ Erythromycin □ Nuprin □ Penicillin (NOS) □ Robitussin □ Sudafed □ Tylenol □ Other (SPECIFY) □ RF (SKIP TO B53) □ 1 □ □ 2 □ □ 3 □ □
2.	HOUR(S)	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES	Acetaminophen

FOR EACH MEDICINE (BY ILLNESS) ASK B49-B52. IF GET EXACT DATES IN B49 **AND** B50, SKIP B51. IF GET PARTIAL DATES OR DK IN B49 **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			
	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
2.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		L∐ DK□	L∐ 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
3.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		L∐ dk□	L∐ dk□
	MM DD YYYY DK	DK D YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day
4.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LLL DK	
	MM DD YYYY DK	DK D D 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			
	MM DD YYYY DK	DK D YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day

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
B.	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?	h months	did you h	ave the	When you were sick with (infection/PID), did you have a fever?
		MO	YES	NO	DK	,
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 2	-1 -1 -1 -1 -1 -1	YES1 NO(SKIP TO B59) 2 DK(SKIP TO B59)1
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	-1 -1 -1 -1 -1 -1	YES1 NO(SKIP TO B59)2 DK(SKIP TO B59)1

	B57.	B58.	B59.	B60.
	How long did the	What was the	Did you take any	What did you take? / Did you take
	fever last?	highest temperature	medications or remedies	anything else? LIST ALL. IF CAN'T
		recorded during	for your (ILLNESS)?	RECALL, READ FROM DRUG LIST:
		your fever?		Did you take?
Α.			YES1	Amoxicillin, Amoxil, Trimox
	DK		NO(SKIP TO B65)2 DK(SKIP TO B65)1	Augmentin
		DK	DK(SKIP 10 B03)1	Biaxin
		NOT RECORDED		Cipro
	HOUR(S)1	EALIDENILEIT E		Doxycycline, Vibramycin
	DAY(S)2	FAHRENHEITF CENTIGRADEC		Erythromycin, Erythrocin, EES
	WEEK(S)3			Levaquin
	MONTH(S)4			Rebetol, Virazole
				Rebetron
				Zithromax
				Other (SPECIFY)
				RF(SKIP TO B65)
				<u> </u>
				1 DK
				2 DK D
				3 DK
B.				Amoxicillin, Amoxil, Trimox
	DK		YES1	Augmentin
	DR 📥	DK .	NO(SKIP TO B65)2 DK(SKIP TO B65)1	Biaxin
				Cipro
	HOUR(S)1	NOT RECORDED 🖵		Doxycycline, Vibramycin
	DAY(S)2	FAHRENHEITF		Erythromycin, Erythrocin, EES
	WEEK(S)3 MONTH(S)4	CENTIGRADEC		Levaquin
	WONTH(3)4			Rebetol, Virazole
				Rebetron
				Zithromax
				Other (SPECIFY)
				RF(SKIP TO B65)
				1 DK
				3 DK

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)?	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN
		OR ASK B63	DURATION	APPENDIX. FREQUENCY
	ILLNESS A: KIDNEY, BLADDER, UTI IF DK DRUG ASK B61-B64 IF RF DRUG SKIP TO B65		DOIVATION	INEQUENCT
1.	DRUG NAME			LLL 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
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	
	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
4.	ILLNESS B: PID IF DK DRUG ASK B61-B64 IF RF DRUG SKIP TO B65 DRUG		L∐ pk □	
	NAME		L.J.J.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
5.	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
6.	DRUG NAME		LLL DK	
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

MATERNAL HEALTH-OTHER FEVER

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, an
infection, or other illness?

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

OF FEVERS.. IF DK: How many fevers do you remember?

	B66.	В6	7.	B68.	B69.	B70.	B71.
	What was the cause of the (1 st /2 nd /3 rd) fever?/Any other fevers? LIST EACH EPISODE OF FEVER EVEN IF CAUSE NOT KNOWN AND ASK B67-B76 FOR EACH.	When you h (CAUSE OF during whic months did a fever?	nad FEVER), h of those	How long did the fever last?	What was the highest temperature recorded during your fever?	Did you have a rash with this fever?	Did you take any medica- tions or remedies for (CAUSE OF FEVER)?
Α.	CAUSE OF FEVER	B3 1 B2 1 B1 1 P1 1 P2 1 P3 1 T2 1 T3 1	NO DK 2 -1 2 -1 2 -1 2 -1 2 -1 2 -1 2 -1 2 -	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 1 B2 1 B1 1 P1 1 P2 1 P3 1 T2 1 T3 1	2 -1 2 -1 2 -1 2 -1 2 -1 2 -1 2 -1	HOUR(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 1 B2 1 B1 1 P1 1 P2 1 P3 1 T2 1 T3 1	2 -1 2 -1 2 -1 2 -1 2 -1 2 -1 2 -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

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 to anything else? CODE ALL THA APPLY. IF CAN'T RECALL, REA FROM DRUG LIST: Did you tak IF DK DRUG ASK B73-B76 IF RF DRUG SKIP TO B77	AT AD	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B75
A.	Acetaminophen		DRUG 1 MM DD YYYY DK	MM DD YYYY DK D D YYYY DK D D D
B.	Acetaminophen	DK	DRUG 3 MM DD YYYY DK	DK DD YYYY DK DD YYYY DK DD YYYYY DK D D YYYY
C.	Acetaminophen	DK	DRUG 5 DRUG 6 DRUG 6	DK DD YYYY DK DD YYYY DK DD YYYYY

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

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?	([DOIE	een (B3) 3]/[DOPT] ave sym), wher		Did you take any medications or remedies for (ILLNESS)?	What did you take? Did you take anything else? LIST ALL
_		were diagnosed:	МО	YES	NO	DK		
A.	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
В.								
D.	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 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 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
			DURATION	FREQUENCY
A.	DRUG 1		L∐ 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
	DRUG 2			
	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
B.	DRUG 3			L∐ DK □
	MM DD YYYY DK	MM DD YYYY DK	Day(s) 1 Week(s) 2 Month(s) 3	Per Day
	DRUG 4			L∐ 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
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		LLLDK	L∐ 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

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		1
NO	(SKIP TO B97)	2

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 anything else? LIST ALL. FOR EACH ILLNESS ASK B89- B96.	When was it first diagnosed? REFERRING TO (CONDITION) PROBE: How old	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? LIST ALL
		were you when you were diagnosed?	MO	YES	NO	DK		
A.	ILLNESS DK ASK B89-B92 RF SKIP TO B97	MM YYYY OR	B3 B2 B1 P1 P2 P3	1 1 1 1 1 1	2 2 2 2 2 2 2	-1 -1 -1 -1 -1	YES	1 2 3 4
	RF SKIP TO B9/	AGE IN YEARS DK DK SEE SPECIAL CODES IN APPENDIX.	T3	1	2	-1		DK ASK B93-B96
В.	ILLNESS DK ASK B89-B92 RF SKIP TO B97	OR AGE IN YEARS DK SEE SPECIAL CODES	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
		IN APPENDIX.						
C.	ILLNESS DK ASK B89-B92 RF SKIP TO B97	OR AGE IN YEARS DK SEE SPECIAL CODES	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
		IN APPENDIX.						

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
A.	DRUG 1	MM DD YYYY	Day(s) 1 Week(s) 2	Per Day 1 Per Week 2
	DRUG 2	DK U	Month(s)3	Per Month
	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		LL DK	LLL 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
	DRUG 4	MM DD YYYY DK	Day(s)	Per Day
C.	DRUG 5			
	DROG 5 MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day
	DRUG 6	MM DD YYYY DK	Day(s)	Per Day

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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		1
	(SKIP TO B106)	
	(SKIP TO B106)	

	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.
A.	INJURY	MM DD YYYY DK	YES	1 2 3 4 DK ASK B102-B105
	DK			RF SKIP TO B106
B.	INJURY	MM DD YYYY DK	YES	1
	DK ☐ ASK B99-B101 RF ☐ SKIP TO B106			DK ASK B102-B105 RF SKIP TO B106
C.	INJURY CAUSE	MM DD YYYY DK	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 **AND** B103, SKIP B104. IF GET PARTIAL DATES OR DK IN B102 **AND/OR** B103, ASK B104.

	B102.	B103.	B104.	B105.
	When did you start using	When did you stop using	How long did you take	How often did you use
	(MEDICINE) for this injury?	(MEDICINE)?	it?	(MEDICINE)? SEE SPECIAL CODES IN
		OR ASK B104		APPENDIX
			DURATION	FREQUENCY
A.	INJURY			
A.				
	DRUG 1			
	MM DD YYYY		Day(s)1 Week(s)2	Per Day1 Per Week2
		MM DD YYYY	Month(s)3	Per Month3
	DK	DK 🔲 🔲		Per Year4
	DRUG 2		L∐ DK□	
			Day(s)1	Per Day1
	MM DD YYYY	MM DD YYYY	Week(s)	Per Week2 Per Month3
	DK	DK 🔲 🔲	Wortun(s)	Per Year4
_				
B.	INJURY			
	DRUG 3			
	BR06.9			
			Day(s)1 Week(s)2	Per Day1 Per Week2
	MM DD YYYY	MM DD YYYY	Month(s)3	Per Week2 Per Month3
	DK U	DK 🔲 🔲		Per Year4
	DRUG 4			
	MM DD YYYY	MM DD YYYY	Day(s)1 Week(s)2	Per Day1 Per Week2
			Month(s)3	Per Month3
		DK L		Per Year4
	1			
C.	INJURY			
	DRUG 5		LLL DK	LLL DK
			Day(s)1	Per Day1
	MM DD YYYY	MM DD YYYY	Week(s)	Per Week2 Per Month3
	DK	DK 🔲 🔲	World (8)	Per Year4
	DRUG 6		LL DK	
			Day(s)1	Per Day1
	MM DD YYYY	MM DD YYYY	Week(s)	Per Week2 Per Month3
	DK	DK	WOTH (0)	Per Year4

MATERNAL HEALTH-SURGERY

B106.	From 3 months before you became	YES1
D 100.	•	NO(SKIP TO B116)2
	pregnant to the end of your pregnancy, did	DK(SKIP TO B116)1
	you have any surgical procedures?	

B107.	B108.		R1	09.		B110.	B111.
What was done? / Anything else? ASK B108- B115 FOR EACH.	Did you have general anesthesia or local anesthesia? REFERRING TO (PROCEDURE)	proce	t month edure t	n did th ake pla	ice?	Did you take any medicine or receive any injections because of the surgery?	What did you take?/ Did you take anything else? LIST ALL.
SURGERY DK ASK B108-B111 RF SKIP TO B116	GENERAL ANESTHESIA? YES	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 2 2	-1 -1 -1 -1 -1 -1 -1	YES1 NO(SKIP TO B116) . 2 DK(SKIP TO B116) -1	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	YES	1 2 3 4 DK ASK B112-B115 RF SKIP TO B116

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

	B112.	B113.	B114.	B115.
	When did you start using	When did you stop using	How long did you take	How often did you use
	(MEDICINE) for this surgery?	(MEDICINE)?	it?	(MEDICINE)?
	(,,,,,,	(,		(,
		OR ASK B114		SEE SPECIAL CODES IN
		OK NOK BITT		APPENDIX
			DURATION	FREQUENCY
A.	SURGERY			
	DRUG 1		L∐ DK□	
	DROG I			
			Day(s) 1	Per Day1
	MM DD YYYY		Week(s)2	Per Week2
		MM DD YYYY	Month(s)3	Per Month3
		DK 🔲 🔲	. ,	Per Year4
	DRUG 2			L∐ _{DK} □
				BN.
			Day(s) 1	Per Day 1
	MM DD YYYY	MM DD YYYY	Week(s) 2	Per Week2
			Month(s)3	Per Month3
	DK U	DK U		Per Year4
B.	SURGERY			
	DDUG 2			
	DRUG 3		L ⊥ DK □	LJ DK L
			Day(s) 1	Dan Davi
			Week(s) 2	Per Day1 Per Week2
	MM DD YYYY	MM DD YYYY	Month(s)3	Per Month3
			- (-)	Per Year4
	DRUG 4			
			Day(s) 1	Per Day1
	MM DD YYYY	MM DD YYYY	Week(s) 2	Per Week2
			Month(s)3	Per Month3
		DK L		Per Year4

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 SECTION C)	2
	SKIP TO SECTION C	

	B117.				B118.			B119	9.	
Did you have: / Did yo	ou have	anythir	ng else?		What part of your body REFERRING TO (PROCEDI	was tested? URE)	What month was the test done?			ne
	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,		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 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
E. Other x-ray or scan? SPECIFY 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

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

B120. B121.

How many (TESTS) did you l	ave in (MONTH)?	IF B117 = A, B OR E: Was your pelvis shielded with a lead apron?
TEST 1 TYPE:	B3 NUMBER OF TESTS DK B2 NUMBER OF TESTS DK B1 NUMBER OF TESTS DK P1 NUMBER OF TESTS DK P2 NUMBER OF TESTS DK P3 NUMBER OF TESTS DK T2 NUMBER OF TESTS DK T3 NUMBER OF TESTS DK T3 NUMBER OF TESTS DK	YES
TEST 2 TYPE:	B3 NUMBER OF TESTS DK B2 NUMBER OF TESTS DK B1 NUMBER OF TESTS DK P1 NUMBER OF TESTS DK P2 NUMBER OF TESTS DK P3 NUMBER OF TESTS DK T2 NUMBER OF TESTS DK T3 NUMBER OF TESTS DK DK DK DK DK DK DK DK DK DK	YES
TEST 3 TYPE:	B3 NUMBER OF TESTS DK B2 NUMBER OF TESTS DK B1 NUMBER OF TESTS DK P1 NUMBER OF TESTS DK P2 NUMBER OF TESTS DK P3 NUMBER OF TESTS DK T2 NUMBER OF TESTS DK T3 NUMBER OF TESTS DK DK DK DK DK DK DK DK DK DK	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.

During this time period, did you take any of the following medications? READ CHOICES.

F	FOR 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.	Ibuprofen	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.	Cytotec, or	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.	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	2	-1
	1			

		T	1
C2.	C3.	C4.	C5.
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)?
IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you use (MEDICINE)?	IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 AND/OR C3, ASK C4.	DURATION	SEE SPECIAL CODES IN APPENDIX
MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
			T
MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
		l	
MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
	During this time period, when did you start using (MEDICINE)? IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you use (MEDICINE)? MM DD YYYYY DK D D YYYYY DK D D YYYYY DK D D YYYYY DY YYYY DY YY	During this time period, when did you start using (MEDICINE)? IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you use (MEDICINE)? IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4. IF GET EXACT DATES IN C2 AND/OR C3, ASK C4.	During this time period, when did you stop using (MEDICINE)? OR ASK C4 When did you stop using (MEDICINE)? OR ASK C4 IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you use (MEDICINE)? OR ASK C4 IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 AND/OR C3, ASK C4. DURATION DAY(S)

	C2.	C3.	C4.	C5.
	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)?
TYPE OF MEDICINE	IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you use (MEDICINE)?	IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 AND/OR C3, ASK C4.	DURATION	SEE SPECIAL CODES IN APPENDIX
TTPE OF MEDICINE			–	
7	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
			LLL DK	□□ DK□
8	DK DD YYYY	MM DD YYYY	DAY(S)	PER DAY
			LLL DK	LL DK□
9	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
10.			L∐ DK□	□□□ DK□
10	DK DD YYYY	DD YYYY	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)	-1

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	How long did you take it?	How often did you use (REMEDY)?
SPECIFY HERBAL OR FOLK REMEDY		DK IN C7 AND/OR C8, ASK C9.	DURATION	CODES IN APPENDIX FREQUENCY
1			DOKATION DK	DK DK
DK ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
2			LLL DK	LLL DK
DK ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
3			LLL DK	LLL DK
DK ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
4			LLL DK	LLL DK
DK ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
5			LLL DK	LLL DK
DK ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
6			LLL DK	LLL DK
DK ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY

SECTION D: PRENATAL VITAMINS

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?

IO(SKIP TO D7)	. 1	
	. 2	
OK(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.

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

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		
	(SKIP TO D13)	
	(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	MM DD YYYY	DAY(S)	PER DAY		
2. DK ASK D9-D12 RF SKIP TO D13	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4		
3	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4		

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	DK DD YYYY	DAY(S)	PER DAY
2SECOND VITAMIN	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY
3THIRD VITAMIN	DK DD YYYY	MM DD YYYY	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 **AND** D21, SKIP D22. IF GET PARTIAL DATES OR DK IN D20 **AND/OR** D21, ASK D22.

D19.	D20.	D21.	D22.	D23.
D19.	D20.	D21.	DZZ.	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. FREQUENCY
			BOIGHION	THEQUEITOT
1	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4
2	MM DD YYYY DK	MM DD YYYY	DAY(S)	PER DAY
3	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4

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.		D2	6.		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 (CERE	months AL)?	did you	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.				
	MO	YES	NO	DK	uno question.				
1	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1 1 1 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	NEVER OR < ONCE PER MONTH				
2	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1	2 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		
NO	(SKIP TO D3	2)2
DK	,	,

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

Brewer's Yeast Luna B Carnation Instant Breakfast Myople	e Breakfast ar		Nu Ov Pro Sha	stle's Sweet triment altine stein Powder aklee Instan n-Fast Bars	Soy Protein NOS Spiru-tein er NOS Wheat Germ int Protein Whey Protein NOS				
		D3	30.		D31.				
FOR EACH SUPPLEMENT, ASK D30 AND D31.		nonth(s) (SUPPLEM		use	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	В3	1	2	-1	NEVER OR < ONCE PER MONTH0 1 PER MONTH1M				
DK ASK D30 & D31	B2	1	2	-1	2 PER MONTH				
RF SKIP TO D32	B1	1	2	-1	2 PER WEEK2W 3 PER WEEK3W				
OTHER ASK D30 & D31	P1	1	2	-1	4 PER WEEK				
	P2	1	2	-1	1 PER DAY				
	P3	1	2	-1	3 PER DAY				
	T2	1	2	-1	6+ PER DAY				
	Т3	1	2	-1	RF2				
2	В3	1	2	-1	NEVER OR < ONCE PER MONTH0 1 PER MONTH1M				
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	1	2	-1	4 PER WEEK				
	P2	1	2	-1	1 PER DAY				
	P3	1	2	-1	3 PER DAY				
	T2	1	2	-1	5 PER DAY				
	Т3	1	2	-1	RF2				

DIETARY ASSESSMENT-INTRODUCTION

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. 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 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 year before you became pregnant have to remember exactly what you ate, we are only trying to determine what your usual diet was like before you were pregnant. For seasonal foods, such as

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

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?	RF	7	-2	-2	-5	-2	-2	-2	-5	-2	-2	-2	-2	-2	-5	-2	-5	-2	-2	-5
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90	5 PER DAY	5D	5D	5D	2D	5D	2D	5D	5D	5D	5D	5D	2D	5D	5D	5D	5D	5D	5D	5D
4D	4 PER DAY	4	4D	4D	4D	4D	4D	40	40	40	4D	4D	4D	40	4D	4D	4D	4D	40	40
30	3 PER DAY	3D	3D	3D	3D	3D	30	3D	3D	3D	3D	3D	30	3D	3D	30	3D	3D	3D	3D
2D	2 PER DAY	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	20
5	1 PER DAY	9	9	1	9	9	9	10	9	10	9	9	9	10	9	1	9	10	5	9
M9	6 PER WEEK	M9	M9	M9	M9	9W	M9	M9	M9	M9	M9	M9	M9	M9	M9	M9	M9	M9	M9	M9
5W	5 PER WEEK	5W	5W	5W	5W	5W	2W	5W	2W	5W	5W	5W	2W	5W	5W	5W	5W	5W	2W	2W
4W	4 PER WEEK	W4	4 W	4W	%	4W	%	W4	W4	4W	4	4W	W 4	4W	4W	4W	4 W	4W	4W	W4
3W	3 PER WEEK	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W
2W	2 PER WEEK	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W
W	1 PER WEEK	1 W	1W	1W	1	1%	1	%	1	1 M	1 M	1W	1	%	1	1W	1W	1W	X	%
3М	3 PER MONTH	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3M	3М
2M	2 PER :	2M	2M	2M	2M	2M	2M	ZM	ZM	2M	2M	2M	2M	ZM	2M	2M	2M	2M	ZM	2M
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NEVER	OR < 1 PER MONTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		. Skim or lowfat milk (8 oz glass)	. Whole milk (8 oz glass)			. lce cream(1/2 cup)		Other cheese e.g., American, cheddar, etc., plain or part of a dish (1 slice or 1 oz serving)	. Margarine (pat), added to food or bread; exclude use in cooking	Butter (pat), added to food or bread; exclude use in cooking	Fresh apples or pears (1)		Orange juice (small glass)	n. Hawaiian Punch, lemonade, or other fruit drinks (small glass)	. Peaches, apricots, plums, or nectarines (1 fresh or ½ cup canned)	. Bananas (1)		. Avocado (1) or guacamole (1 cup)	Other fruits fresh, frozen, or canned (1/2 cup)	, 0,
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D32. How often, on average, did you use (READ LIST)?

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7	RF	-5	-5	-5	-5	-2	-5	-5	-2	-5	-5	-5	-2	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
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9	6+ PER DAY	9 0	9 0	<u>е</u> р	9 0	GD	9 0	9 9	9 0	<u>е</u> р	9 0	<u>е</u> р	9 0	6D	9 0	6D	9 0	<u>е</u> р	9 0	6D	Q9	9 9	9 9
5D	5 PER DAY	5D	2D	5D	5D	5D	5D	5D	5D	5D	2D	5D	5D	5D	2D	5D	2D	5D	5D	5D	5D	5D	5D
4 D	4 PER DAY	40	4	4D	4D	40	4D	4D	4	4D	4	4D	4	40	4	40	4	40	4	40	40	40	40
œ	3 PER DAY	3D	30	3D	3D	3D	3D	3D	30	3D	30	3D	30	3D	30	3D	30	3D	30	3D	3D	3D	3D
2D	2 PER DAY	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D
Q	1 PER DAY	10	9	9	10	10	10	9	10	9	9	9	1	10	9	10	9	9	9	10	5	1	9
M9	6 PER WEEK	M9	M9	W9	W9	W9	W9	M9	M9	M9	M9	M9	M9	M9	M9	M9	M9	W9	M9	M9	M9	M9	M9
5W	5 PER WEEK	2W	2W	5W	5W	2W	5W	5W	2W	5W	2W	5W	2W	5W	2W	5W	2W	5W	5W	5W	5W	5W	2W
4w	4 PER WEEK	4W	4 W	W4	W4	4W	W4	W4	4 W	W4	4 W	W4	4 W	4W	4 W	4W	4 W	W4	4 W	4W	W4	4W	4W
3W	3 PER WEEK	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W	3W
2W	2 PER WEEK	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	2W	ZW
%	1 PER X	1W	1W	1W	1W	1W	1W	1W	1W	1W	1W	1W	1%	1W	1W	1W	1W	1W	1%	1W	%	1W	1
3M	3 PER 1 MONTH W	3M	3M	WE	3M	3M	3M	3M	3M	WE	3M	WE	3M	3M	3M	3M	3M	WE	3M	3M	» WE	3M	3M
2M	2 PER MONTH	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
Æ	1 PER MONTH	Σ.	Σ	Σ	Ź	7	Ź		Σ		Σ		Σ	1 M	∑	<u>M</u>	Σ	ξ	1	1 M	ξ	1	ξ
NEVER	OK < 1 PER MONTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		String beans (1/2 cup)	ı. Broccoli (1/2 cup)	Cabbage, cauliflower, or brussel sprouts (1/2 cup)	w. Carrots, raw (1/2 carrot or 2-4 sticks)	Carrots, cooked (1/2 cup)	. Corn (1 ear or ½ cup frozen, canned)	Peas or lima beans (1/2 cup frozen, canned)	aa. Yams or sweet potatoes (1/2 cup)	bb. Spinach or collard greens, cooked (1/2 cup)	cc. Refried beans (1 cup)	dd. Beans or lentils, baked or dried (1/2 cup)	ee. Squash (1/2 cup)	ff. Raw Chile peppers, Jalapeño (1)	gg. Salsa (1 cup) (fruit or tomato)	hh. Eggs (1)	ii1. Chicken or Turkey with skin (4-6 oz)	ii2. Chicken or Turkey without skin (4-6 oz)		kk. Hot dogs (1)	. Processed meats, e.g. sausage, salami, bologna, chorizo, etc. (piece or slice).	mm. Liver (3-4 oz)	nn. Chicken livers (1 oz)
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D32. How often, on average, did you use (READ LIST)?

| RF DK | -2 | -2 -1 | 5
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 | -2 -1 | -2 -1 | -2 -1 | -2 -1
 | -2 -1 | -2 -1 | -2 -1 | -2 -1 | -2 -1 | -2 -1
 | -2 -1 | -2 -1 | -2 -1 | -2 |
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| 5 PER
DAY | 5D | 5D | 5D | 5D | 5D | 5D | 5D

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 |
| 4 PER
DAY | 4D | 4D | 4D | 40 | 4D | 4D | 4D

 | 4D | 40 | 4D | 40
 | 4D | 4D | 4D | 4D | 4D | 4D
 | 4D | 4D | 40 | 4D |
 |
| 3 PER
DAY | 3D | 3D | 3D | 30 | 3D | 3D | 3D

 | 3D | 3D | 3D | 3D
 | 3D | 3D | 3D | 3D | 3D | 3D
 | 3D | 3D | 3D | 3D |
 |
| | 2D | 2D | 20 | 2D | 2D | 2D | 2D

 | 2D | 2D | 2D | 2D
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 |
| | oo. Organ meats Barbacoa, Menudo, sweetbreads, tongue, intestines (3-4 oz) | pp. Hamburger (1 patty) | qq. Beef, pork, lamb or cabrito as a sandwich or mixed dish, e.g. stew, casserole, lasagna, etc | rr. Beef, pork, lamb or cabrito as a main dish, e.g. steak, roast, ham, etc. (4-6 oz) | ss. Fish (3-5 oz) | tt. Tofu, tempeh or soy burgers (4 oz) | uu. Chocolate (1 oz)

 | vv. Candy without chocolate (1 oz). | ww. Pie (slice) | xx. Cake (slice) or donut (1) | yy. Cookies (1)
 | zz. White bread (slice), including pita bread, bagels and crackers | aaa. Biscuits, scones, croissants and muffins (1) | bbb. Dark bread (slice) including wheat pita bread | ccc. French fried potatoes (4 oz) | ddd. Potatoes baked, boiled (1) or mashed
(1 cup) | eee. Rice or pasta e.g. Spanish rice, spaghetti, noodles, etc. (1 cup).
 | fff. Tortilla (1) | ggg. Potato chips or corn chips (small bag or 1 oz) | hhh. Nuts (small packet or 1 oz) | iii. Peanut butter (1tbs) |
 |
| | 4 PER 5 PER 6+ PER
DAY DAY RF | PER 1 PER 2 PER 3 PER 6 PER 6 PER 6 PER 6 PER 7 PER 6 | Per 1 Per 1 Per 5 Per 6 | Organ meats Barbacoa, Menudo, sweethreads, tongue, intestines (3-4) Organ meats Barbacoa, Menudo, sweethreads, tongue, sweethreads, tongue, intestines (3-4) Organ meats Barbacoa, tongue, sweethreads, sweethreads, tongue, sweethreads, sweethrea | PER 1 PER 2 PER 3 PER 4 PER 5 PER 5 PER 6 PER 6 PER 6 PER 6 PER 5 PER 5 PER 5 PER 5 PER 6 | Organ meats Barbacoa, Menudo, ozl) | Organ meats Barbacoa, Menudo, sweethreads, tongue, intestines (3-4) PER 1 PER 2 PER 3 PER 4 PER 5 PER 3 PER 4 PER 5 PER 6 PER 6 PER 8 PER 6 PER 6 PER 6 PER 6 PER 8 PER 6 PER <td>Organ meats Barbacoa, Menudo, sweetbreads, tongue, intestines (3-4) Per I PER I</td> <td>Organ meats Barbacoa, Menudo, sweethreads, tongue, intestines (34 provided) intestines (34 provided). Per</td> <td>Organ meats Barbacoa, Menudo. Sweetbreads, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, intestines (3-4) Organ meats Barbacoa, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Menudo, Organ meats</td> <td>Organ meats Barbacoa, Menudo, sweeth and color and intestines (3-4) of the color organ) and color and color organ). Per</td> <td>Organ meats Barbacca, Menudo, system through th</td> <td>Organ meats Barbacoa, Menudo, sweeting and meats Barbacoa, Menudo, sweeting and state at plant and movint movint</td> <td>Organ meats Barbacoa, Menudo, sweet in tests and crack of control of control</td> <td>Organization (string) Perm (string)</td> <td>Month Month M</td> <td>Organ means Barbacoa, Menudo, sweetheads, bringing series of the series of the series of the series of the series (3-4) and the serie</td> <td>Organizate Barbacoa, Menudo, Organizate Barbacoa, Struct, Ilongo, Organizate Barbacoa, Menudo, Organizate Barbacoa, Struct, Ilongo, Organizate Barbaco</td> <td> Personal Particles Persona</td> <td> Comparison of the control of the c</td> <td>Morning Education, Morning Control and Morning</td> <td>Marker larger la</td> | Organ meats Barbacoa, Menudo, sweetbreads, tongue, intestines (3-4) Per I | Organ meats Barbacoa, Menudo, sweethreads, tongue, intestines (34 provided) intestines (34 provided). Per | Organ meats Barbacoa, Menudo. Sweetbreads, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, intestines (3-4) Organ meats Barbacoa, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Barbacoa, bingue, intestines (3-4) Organ meats Menudo, Organ meats | Organ meats Barbacoa, Menudo, sweeth and color and intestines (3-4) of the color organ) and color and color organ). Per | Organ meats Barbacca, Menudo, system through th | Organ meats Barbacoa, Menudo, sweeting and meats Barbacoa, Menudo, sweeting and state at plant and movint | Organ meats Barbacoa, Menudo, sweet in tests and crack of control | Organization (string) Perm (string) | Month M | Organ means Barbacoa, Menudo, sweetheads, bringing series of the series of the series of the series of the series (3-4) and the serie | Organizate Barbacoa, Menudo, Organizate Barbacoa, Struct, Ilongo, Organizate Barbacoa, Menudo, Organizate Barbacoa, Struct, Ilongo, Organizate Barbaco | Personal Particles Persona | Comparison of the control of the c | Morning Education, Morning Control and Morning | Marker larger la |

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 READ CHOICES.	All visible fat removed Most fat was removed Small part of fat was removed None was removed Don't eat meat DK. RF	
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) Margarine Vegetable oil (olive oil, canola oil) Vegetable shortening Lard NA DK RF	2345101
D36.	What kind of fat did you usually use for baking at home? READ CHOICES. SELECT ONE.	Real butter (light butter)	2345101
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 type of cooking oil did you usually use at home (e.g. Corn Oil)? (Which did you use the most?)	SPECIFY TYPE:	
	PROMPT: Only include oils, not fats, such as butter or lard.	NONE D	K RF

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 the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy), and during your <u>first trimester</u>. You may use the list of food frequency choices again.

D40.	During the <u>year before</u> you became
	pregnant with ([NOIB]/this pregnancy),
	how many cups of caffeinated or regular
	coffee, hot or iced, did you usually
	drink?

NEVER OR < ONCE 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
1 PER DAY	1D
2 PER DAY	2D
3 PER DAY	3D
4 PER DAY	
5 PER DAY	5D
6+ PER DAY	
DK	
RF	2

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

NEVER OR < ONCE 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	
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

(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)	
LARGE (12 OUNCE, LARGE MUG)	
EXTRA LARGE (> 12 OUNCE, LARGE TAKE-OUT)	
DK	
RF	-2

D43.	During the year before you became	NEVER OR < ONCE PER MONTH	0
D .0.		1 PER MONTH	1M
	pregnant with ([NOIB]/this pregnancy),	2 PER MONTH	2M
	how many cups or glasses of caffeinated	3 PER MONTH	3M
	tea, hot or iced, did you usually drink?	1 PER WEEK	1W
	, , ,	2 PER WEEK	2W
		3 PER WEEK	
		4 PER WEEK	
		5 PER WEEK	5W
		6 PER WEEK	
		1 PER DAY	
		2 PER DAY	
		3 PER DAY	
		4 PER DAY	
		5 PER DAY	
		6+ PER DAY	
		DK	
		RF	
			_
D44.	During the <u>first trimester</u> , how many cups	NEVER OR < ONCE PER MONTH	0
בדד.		1 PER MONTH	
	or glasses of caffeinated tea, hot or iced,	2 PER MONTH	2M
	did you usually drink?	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	
		DK	
		RF	
		11	
D45	During the year before you become	YES	1
D45.	During the <u>year before</u> you became	NO(SKIP TO SECTION I	
	pregnant with ([NOIB]/this pregnancy),	DK(SKIP TO SECTION I	
	and during the first trimester, did you drink sodas or soft drinks?	DIX(SIXIF 10 SECTION)	<i>-)</i> 1

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

7 up = 01	Fanta (all flavors) = 21	Orange soda, NOS = 41
A&W cream soda = 02	Fresca = 22	Pepsi = 42
A&W root beer = 03	Ginger ale = 23	Quinine water = 43
After the Fall spritzers = 04	Ginger beer soda, NOS = 24	RC Cola = 44
Barq's root beer = 05	Grapefruit soda, NOS = 25	Root beer, NOS = 45
Black cherry soda = 06	Hires root beer = 26	Slice = 46
Cheerwine = 07	IBC black cherry = 27	Sparkling water flavors = 47
Cherry 7-up = 08	IBC cherry cola = 28	Sprite = 48
Cherry coke = 09	IBC cream soda = 29	Squirt (both flavors) = 49
Cherry soda = 10	IBC root beer = 30	Strawberry soda = 50
Clearly Canadian = 11	Jarritos sodas (all flavors) = 31	Sun-Drop = 51
Club soda = 12	Jolt cola = 32	Sunkist fruit punch = 52
Coke = 13	Josta = 33	Sunkist orange = 53
Cola , NOS = 14	Knudsen sparkling juices = 34	Surge = 54
Cranberry ginger ale = 15	Lemon/lime soda, NOS = 35	Tab = 55
Cream soda, NOS = 16	Mellow Yellow = 36	Tahitian Treat = 56
Diet Rite cola = 17	Mountain Dew = 37	Tonic water = 57
Diet Rite (fruit flavors) = 18	Mr. Pibb = 38	Wild cherry Pepsi = 58
Dr. Brown's(all flavors) = 19	Nugrape = 39	Wink = 59
Dr. Pepper = 20	Orange Crush = 40	Yoohoo Chocolate = 60
		Other, specify = -5

	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	Γ TO PROBE.		
		YES	YES 1 NO 2 DK1	NEVER OR LESS THAN 1 PER MONTH	NEVER OR LESS THAN 1 PER MONTH
A.	RF SKIP TO E1			1 PER WEEK 1W 2 PER WEEK 2W 3 PER WEEK 3W 4 PER WEEK 4W 5 PER WEEK 5W 6 PER WEEK 6W 1 PER DAY 1D 2 PER DAY 2D	1 PER WEEK 1W 2 PER WEEK 2W 3 PER WEEK 3W 4 PER WEEK 4W 5 PER WEEK 5W 6 PER WEEK 6W 1 PER DAY 1D 2 PER DAY 2D
				3 PER DAY	3 PER DAY
		YES	YES 1 NO 2 DK1	NEVER OR LESS THAN 1 PER MONTH	NEVER OR LESS THAN 1 PER MONTH
В.	RF SKIP TO E1			1 PER WEEK	1 PER WEEK
Б.				6 PER WEEK	6 PER WEEK
				6+ PER DAY	6+ PER DAY
		YES1 NO2 DK1	YES 1 NO 2 DK1	NEVER OR LESS THAN 1 PER MONTH	NEVER OR LESS THAN 1 PER MONTH
C.	DK ASK D47-D50			1 PER WEEK 1W 2 PER WEEK 2W 3 PER WEEK 3W 4 PER WEEK 4W 5 PER WEEK 5W 6 PER WEEK 6W	1 PER WEEK 1W 2 PER WEEK 2W 3 PER WEEK 3W 4 PER WEEK 4W 5 PER WEEK 5W 6 PER WEEK 6W
				1 PER DAY	1 PER DAY
				RF2	RF2

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 3rd 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 rd month of pregnancy, did you experience any serious relationship difficulties with your husband or partner or become separated or divorced?	YES			
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".	DK 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			
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

(CONTINUED ON NEXT PAGE)

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

				F4.		
				During (SPECIFY MONTH) about	ıt how many	
				cigarettes did you smoke a da		
	YES			to smoke that many cigarettes		
МО	(ASK F4)	NO	DK	MONTH STATED)?		
В3	1	2	-1	<1/DAY	01	
				1/DAY	02	
				2-4/DAY		DK
				½ PACK (5-14) 1 PACK(15-24)		
				1 ½ PACK (25-34)		
				2 PACK (35-44)		RF
				>2 PACK		
B2	1	2	-1	<1/DAY		
				1/DAY 2-4/DAY		
				½ PACK (5-14)		DK
				1 PACK(15-24)	05	
				1 ½ PACK (25-34)		RF
				2 PACK (35-44) >2 PACK		
B1	1	2	-1	<1/DAY		
D1	'	_	-1	1/DAY		
				2-4/DAY	03	DK
				½ PACK (5-14)		
				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		DK
				1 PACK (5-14)		
				1 ½ PACK (25-34)		RF 🗖
				2 PACK (35-44)		RF
		_		>2 PACK		
P2	1	2	-1	<1/DAY		
				2-4/DAY		
				½ PACK (5-14)		DK
				1 PACK(15-24)		
				1 ½ PACK (25-34) 2 PACK (35-44)		RF
				>2 PACK (35-44)		
P3	1	2	-1	<1/DAY		1
	·	-	•	1/DAY	02	
				2-4/DAY		DK
				1 PACK (5-14)		
				1 ½ PACK (25-34)		
				2 PACK (35-44)		RF
				>2 PACK		
T2	1	2	-1	<1/DAY		
				1/DAY 2-4/DAY		
				½ PACK (5-14)		DK
				1 PACK(15-24)	05	
				1 ½ PACK (25-34)		RF 🔲
				2 PACK (35-44) >2 PACK		
T3	1	2	-1	<1/DAY		
13	'	2	-1	1/DAY		
				2-4/DAY	03	DK
				½ PACK (5-14)	04	אט 🛥
				1 PACK(15-24)		
				1 ½ PACK (25-34) 2 PACK (35-44)		RF 🗀
				>2 PACK		
				,		

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.

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

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		
NO	(SKIP TO F15)	2
	(SKIP TO F15)	
	(SKIP TO F15)	

F10. During which months did you drink any alcoholic beverages? CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.				F11. In the (3 rd /2 nd /1st month before pregnancy, 1 st /2 nd /3 rd month of pregnancy, 2 nd /3 rd trimester), on average, how many days did you drink alcoholic beverages?	F12. On those days that you drank alcoholic beverages, on average, how many drinks did you have per day?	F13. What was the greatest number of drinks you had on one occasion in (MONTH)?	
МО	MO YES NO DK (ASK F11- (NEXT) (NEXT)			# DAYS	# DRINKS	# DRINKS	
В3	1	2	-1	□□ DK□ RF□	□□□ DK□ RF□	□□□ 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	LLL DK RF	
ТЗ	1	2	-1	LLL DK RF	LLL DK RF	DK RF	

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

READ CHOICES

READ CHOICES.		YES	NO	DK	RF	
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	

SPECIFY:

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?	NO DK	(SKIP TO	O F17) O F17) O F17)	2 1
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	4) 4) 5-34) 4)		
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?				

DΚ

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.

SPECIFY: _____

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					
	IF YES TO F19E:									
F20.	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)?	
AND FZU.	МО	YES	NO	DK	FREQUENCY
	В3	1	2	-1	L∐ DK□ RF□
FIRST SUBSTANCE					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	B2	1	2	-1	L∐ DK□ RF□
					PER DAY
	B1	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	P1	1	2	-1	□□□ DK□ RF□
					PER DAY
	P2	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	P3	1	2	-1	□□□ DK□ RF□
					PER DAY
	T2	1	2	-1	L∐ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	Т3	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4

		F:	21.		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)?	
AND 120.	МО	YES	NO	DK	FREQUENCY
	В3	1	2	-1	L∐ DK□ RF□
SECOND SUBSTANCE					PER DAY
	B2	1	2	-1	DED DAY
					PER DAY
	B1	1	2	-1	LL dk RF RF □
					PER DAY
	P1	1	2	-1	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
					PER DAY
	P2	1	2	-1	L∐ DK□ RF□
				·	PER DAY
	P3	1	2	-1	L∐ DK□ RF□
					PER DAY
	T2	1	2	-1	LL DK□ RF□
					PER DAY
	Т3	1	2	-1	L∐ DK□ RF□
					PER DAY

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? WELLS CAN BE PUBLIC OR PRIVATE.	PRIVATE WELL 1 PUBLIC SUPPLY INCLUDING COMMUNITY WATER 2 SYSTEM (SKIP TO G3) 2 OTHER (SKIP TO G3) -5 DK (SKIP TO G3) -1 RF (SKIP TO G3) -2 NA (SKIP TO G3) -10
G2.	Was your well water chemically disinfected around the time you got pregnant?	YES
G3.	Was your home tap water filtered? PROMPT: Around the time you got pregnant. READ CHOICES CHOOSE ALL THAT APPLY.	All drinking water was filtered
G4.	Including water used for mixed drinks such as koolaid, how many 8-oz. glasses of cold tap water did you drink at your home, each day, around the time you became pregnant?	# GLASSES DK RF
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 DK RF
	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 combined did you usually drink each day from a tap other than at your residence?	# GLASSESDK RF RF
G7.	Around the time you became pregnant, how many 8-oz. glasses of bottled water did you usually drink each day?	# BOTTLED WATERDK RF RF
	(ROUND 1 12-OZ. BOTTLE DOWN)	

NOTE: RESPONSE OPTIONS FOR G8 AND G10 ARE:

= NEVER OR LESS THAN ONCE PER MONTH

	Now I would like to ask you some questions shout set	1M = 1 PER MONTH 2M = 2 PER MONTH 3M = 3 PER MONTH 1W = 1 PER WEEK 2W = 2 PER WEEK 3W = 3 PER WEEK 4W = 4 PER WEEK 5W = 5 PER WEEK 6W = 6 PER WEEK 1D = 1 PER DAY 2D = 2 PER DAY 3D = 3 PER DAY 4D = 4 PER DAY 5D = 5 PER DAY 6D = 6 PER DAY 6D = 6 PER DAY OR MORE DK = -1 RF = -2	
	Now I would like to ask you some questions about act	vities at your nome 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]
	each 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	# MINUTES BATHING	l
	each time?		•
		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?

YES		
NO	(SKIP TO H1)	2
	(SKIP TO H1)	
	(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.
During which month(s) did you use the hot tub, Jacuzzi or sauna?	During (SPECIFY MONTH) how many times per month did you use the hot tub, Jacuzzi or sauna?	On average, for how many minutes each time?
CHECK ALL MONTHS THAT APPLY.	INDICATE # TIMES FOR EACH MONTH. COMBINE ALL TYPES.	INDICATE HOW MANY MINUTES EACH TIME.
вз	# Times/month DK	# Minutes/time DK
В2	# Times/month DK	# Minutes/time DK
В1	# Times/month DK	# Minutes/time DK
P1	# Times/month DK	# Minutes/time DK
P2	# Times/month DK	# Minutes/time DK
Р3	# Times/month DK	# Minutes/time DK
P4	# Times/month DK	# Minutes/time DK
P5	# Times/month DK	# Minutes/time DK
P6	# Times/month DK	# Minutes/time DK
P7	# Times/month DK	# Minutes/time DK
P8	# Times/month DK	# Minutes/time DK
P9	# Times/month DK	# Minutes/time DK
P10	# Times/month DK	# Minutes/time DK
Which one did you use the mo	SAUNA NEITHER – US DK	JZZI
Was the source of the water for tub/Jacuzzi chemically disinfe	cted?	1 2 1

G15a.

G16.

SECTION H: MOTHER'S OCCUPATION

•	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)	2 1
	Were you (READ CHOICES) or did you do something else?	A student Disabled Unemployed between Jo OTHER DK	er/parent (SKIP TO H12)	2 4 5 1
	SPECIFY:		D	кП
	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	OYERS, INCLUD	ING "SELF-EMPLOYED." IF	T])? —
	What was your job title there? IF STUDENT, CATI FILLS IN	N "STUDENT" HEF	RE AND SKIPS H5 & H6.	
	JOB TITLE:		DK RF	
	What did they make or do? IF CONGLOMERATE: What di	d your division n	nake or do?	
	SPECIFY:		DK RF	- -
	Describe what you did and how you did it. What were you main Activities/Duties:		s or duties? Anything else?	_
			DK □ RF	_
	Describe any chemicals or substances you handled or mawith. Anything else?			
	CHEMICALS/SUBSTANCES/MACHINES USED:			
		NONE DK I	RF $lacksquare$ IF NONE, DK OR RF, SKIP TO) H8.

H8.	What month and year did you start job/school?	DATE:		MM DK	YYYY DK	
H9.	What month and year did you end t	hat job/school?	DATE:	NTLY WORKING =	DK DATE OF IN	YYYY DK NTERVIEW
H10.	How many days per week did you use IF STUDENT: How many days per we to school?		DAYS PER V	WEEK	DK	RF A
H11.	How many hours per day did you us IF STUDENT: How many hours per d spend either at school or studying?	day did you	HOURS PER	R DAY	DK	RF 🗖
	PAPER COPY INTERVIEWER INSTRU AND ([DOIB]/[DOPT]), USE SUPPLEM					WEEN (B3)
MOTHE	R'S OCCUPATION-MILITARY					
H12.	Have you served in active duty in the forces since 1990?	ne U.S. armed	NO DK	(SKI (SKI (SKI	P TO I1) P TO I1)	2 1
	H13. In which country did you serve? Any other?	H14. From which month and y		To which mon (IF STILL SERVIN DATE)		
	A DK ASK H14 & H15 RF SKIP TO I1	FROM: MM YYYYY DK DK DK		TO: MM DK	YYYY DK	
	B DK ASK H14 & H15 RF SKIP TO I1	FROM: MM YYYYY DK DK DK		TO:	YYYY DK	

RF SKIP TO I1

SECTION I: FATHER'S OCCUPATION

ΙF	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 TO I3)
I2.	Was he (READ CHOICES) or did he do something else?	A homemaker/parent (SKIP TO I12)
	SPECIFY:	DK
13.	What were the names of the companies or organizations What other companies did he work for? LIST ALL EMPLO CATI FILLS IN SCHOOL HERE. COMPANY/ORGANIZATION: DK ASK I4 – I11	
l4.	What was his job title there? IF STUDENT, CATI FILLS IN	'STUDENT" HERE AND SKIPS I5 & I6.
	JOB TITLE:	DK RF
15.	What did they make or do? (IF CONGLOMERATE:) What of SPECIFY:	
		DK RF
16.	Describe what he did and how he did it. What were his n	
		ov□ or□
17.	Describe any chemicals or substances he handled or mawith. Anything else?	achines that he used or worked in the same room
	CHEMICALS/SUBSTANCES/MACHINES USED:	
		NONE \square DK \square RF \square IF NONE, DK OR RF, SKIP TO 18

18.	What month and year did he start that job/school?			MM YYYY DK DK		
19.	9. What month and year did he end that job/school?			DATE: MM YYYYY DK D DK D		
			CURRENT	LY WORKING = DATE OF INTERVIEW		
I10. How many days per week did he usually work? IF STUDENT: How many days per week did he go to school?			DAYS PER	DAYS PER WEEKDK		
l11.	I11. How many hours per day did he usually work? IF STUDENT: How many hours per day did he spend either at school or studying?			HOURS PER DAYDL DK		
	APER COPY INTERVIEWER INS DOIB]/[DOPT]), USE SUPPLEMEN			HAN ONE JOB BETWEEN (B3) AND REPEAT I3 – I11.)		
FATHE	R'S OCCUPATION-MILITAR	Y				
l12.	Has ([NOIB]'s/the) father serve the U.S. armed forces since	ed in active duty in 1990?	NO	(SKIP TO I16)		
	l13.	I14.		I15.		
	which country did he serve? ny other?	From which month and yea	ır?	To which month and year? (IF STILL SERVING ENTER CURRENT DATE)		
Α.	DK ASK 114 & 115 RF SKIP TO 116	FROM: MM YYYYY DK DK DK		TO: MM YYYY DK DK DK		
B.	DK ASK 114 & 115 RF SKIP TO 116	FROM: MM YYYYY DK DK DK		TO: MM YYYY DK DK DK		

OCCUPATION—PESTICIDES

- I16. From 3 months before you became pregnant to the end of your pregnancy, did anyone in your household apply pesticides as an occupation or as part of their work?
- I17. How many times per day, week, or month did you personally wash clothes that had been worn during pesticide mixing or application? We are interested in clothes that may have gotten pesticide on them from spills or drift during spray application.

NO	(SKIP TO J1) (SKIP TO J1)	2
#TIMES L L C	DK NEVER = 00	
PER WEEK PER MONTH PER YEAR	(SPECIFY)	2 3 4
DK	(SPECIFY)	1
SPECIFY:		DK

VEC

SECTION J: FAMILY DEMOGRAPHICS-MOTHER

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

J1.	Were you born in the U.S.?	YES (SKIP)	
		DK (SKIP RF (SKIP	
J2.	Where were you born?		
	SPECIFY:		DK
	J2a. How many years have you lived in the U.S.?	YEARS	
J3.	What language do you usually speak at home?		
	SPECIFY LANGUAGE:		
J4.	What is your race or ethnic group? I'm going to read you a list and then please tell me all categories that apply to you. You can select more than one category.	American Indian or Alaska Native Asian Black or African American Hispanic or Latina Native Hawaiian or	(ASK J4a) 103 (SKIP TO J6) 2
	SKIP PATTERNS DEPENDENT ON MULTIPLE CHOICES. FOR EXAMPLE, "BLACK" WON'T SKIP TO J6 IF ALSO ANSWERED ASIAN OR HISPANIC.		(SKIP TO J6)1
	J4a. What country? PROMPT: Referring to Asian, Native	e Hawaiian or other Pacific Is	sland countries.
	(SKIP TO J6 UNLESS J4 ALSO = 4 OR 6)		
	J4b. What tribe do you consider yourself a member of? (SKIP TO J6 UNLESS J4 ALSO = 6)		DK
J5.	Which Hispanic or Spanish group do you consider your Rican, Salvadoran, Honduran, Colombian, Peruvian, Gamerican, etc?		
	SPECIFY:		DK
J6.	What was the highest grade or year of school or college that you had completed (at the time [NOIB] was born/by [DOPT])?	No formal schooling	
	IF RESPONDENT HESITATES, BEGIN READING CATEGORIES.	12 years, completed high school equivalent	

FAMILY DEMOGRAPHICS-FATHER

J7.

J8.

J9.

IF FATHER UNKNOWN, SKIP TO J14.

The next few questions are about ([NOIB]'s/the) biologic	c or natural father.
Was he born in the U.S.?	YES
Where was he born?	
SPECIFY:	DK
J8a. How many years has he lived in the U.S.?	YEARSDK
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.	American Indian or (ASK J9b) 4 Alaska Native (ASK J9b) 4 Asian (ASK J9a) 103 Black or African American (SKIP TO J11) 2 Hispanic or Latino (ASK J10) 6 Native Hawaijan or
SKIP PATTERNS DEPENDENT ON MULTIPLE CHOICES. FOR EXAMPLE, "BLACK" WON'T SKIP TO J11 IF ALSO ANSWERED ASIAN OR HISPANIC.	Other Pacific Islander
J9a. What country? PROMPT: Referring to Asian, Nativ	e 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)

J10. Which Hispanic or Spanish group do you consider yourself a member of? PROMPT: Mexican, Puerto Rican, Salvadoran, Honduran, Colombian, Peruvian, Guatemalan, Spanish, Central American, South American, etc?

SPECIFY: _____ DK

J11. What was the highest grade or year of school or college that he had completed (at the time [NOIB] was born/by [DOPT])?

IF RESPONDENT HESITATES, BEGIN READING CATEGORIES.

No formal schooling	02
7-8 years	
9-11 years	04
12 years, completed high school or	
equivalent	05
1-3 years college	06
Completed technical college	07
4 years college or Bachelor's degree	8
Master's degree	09
Advanced degree (MD, PhD, JD)	10
DK	1
RF	2

FAMILY INFORMATION

J12.	Are you related to ([NOIB]'s/the) biologic or natural father by blood?	YES NO (SKIP TO J14) DK (SKIP TO J14) RF (SKIP TO J14))2)1
J13.	What is/was your blood relationship to him?	1 ST COUSIN	
		SPECIFY:	
J14.	Did you have a health problem at birth or a birth defect that was diagnosed in childhood?	YES(SKIP TO J15) DK(SKIP TO J15) RF(SKIP TO J15)	2 1
	J14a. What was it?/Anything else?	PROBLEM:	
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:	bk
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 O OBVIOUS, OTHER ANSWER.		What problem or birth d (he/she) have?	efect did
		Is this person mal	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 RF	2 1	PROBLEM:	
B.	PROBE: Aunt, cousin; grandfather, grandmother, great grandfather, great grandmother, great aunt, great uncle, half brother, half sister, uncle, other, SPECIFY: DK	MALEDKRF	2 1	PROBLEM:	
HOUS J20.	EHOLD INCOME In the year before you became pregr ([NOIB]/this pregnancy), what was yo household income? Please include in Medicaid, Social Security, and Unempayments. Was itREAD CHOICES.	our total income such as	More then Fifty In Between	Thousand (SKIP TO J21) Thousand (SKIP TO J21) (SKIP TO J22)	2 3 1
J20a.	Would you say it was IF THE ANSWER IS 20,000, FOR EXAMPLE THE HIGH RANGE, 20-30,000.	, ROUND UP TO	20 to 30 Thousa 30 to 40 Thousa 40 to 50 Thousa DK	and Dollarsand Dollarsand Dollars, or and Dollars.	2 4 1
J21.	How many people were supported be including both adults and children?	y this income	# OF PEOPLE	DK RF	
J22.	Were you married at the time ([NOIB] [DOPT])? HINT: "SEPARATED" AND "COMMON-I CONSIDERED "MARRIED" HERE.	-	NO DK		2 1

		OSI	

As I said at the beginning, we do not know what causes most birth defects and that is why we asked about man 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	(SKIP TO K3)(SKIP TO K3)
Can you tell me about some of those factors?		
RIEFING STATEMENT		
In case we need to get in touch with you in the future, would you be willing to give us the name and address of 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 studies finished.	of NO DK RF	(SKIP TO K5)(SKIP TO K5)(SKIP TO K5)(SKIP TO K5)
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 adv completed the first part, the interview, that will help us und second part of the study will help us understand the genet soft brushes to collect cell samples from the inside of your (NOIB)'s mouth, SKIP IF FATHER UNKNOWN: and ([NOIB]' in the kit to provide for any inconvenience. You can decide after you receive the kit. What is your current mailing address.	erstand the enviror ics of birth defects. mouth, SKIP IF TA s/the) father's mou whether to take p	nmental causes of birth defects. The . We will mail a kit to you with small, B/STILLBIRTH/BABY DECEASED: ith. We will enclose \$20.00 per famil
STREET		APT

K6.	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(SKIP TO FINAL REMARK)	.3
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
FINA	LREMARK		
	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 importar lerstand the causes of birth defects. Thank you.	nt
INTE	RVIEWER STATUS		
K8.	INTERVIEWER ID	ID#:	
K9.	WAS THE INTERVIEW A PHONE OR IN-PERSON INTERVIEW?	PHONE INTERVIEW	
K10.	STATUS OF INTERVIEW:	COMPLETE	2
K11.	DATE INTERVIEW COMPLETED/ REFUSED/BROKE-OFF:		
		DATEMM DD YYYY]

INTERVIEWER REMARKS

K12.	THE OVERALL QUALITY OF THIS INTERVIEW WAS:	HIGH QUALITY GENERALLY RELIABLE QUESTIONABLE	2
		UNSATISFACTORY	
K13.	DID THE FATHER (NOIB'S) CONTRIBUTE TO THE MOTHER'S ANSWERS?	YES	
	THE MOTHER'S ANSWERS!	DK	
K14.	DID SOME OTHER PERSON CONTRIBUTE TO	YES	
	THE MOTHER'S ANSWERS?	DK	
	A. WHO WAS IT?		DK
K15	IF CODE 3 OR 4 AT K12, ANSWER:	DID NOT KNOW ENOUGH INFORMATION	
1115.	THE MAIN REASON FOR QUESTIONABLE OR	REGARDING THE TOPIC	01
	UNSATISFACTORY QUALITY OF	DID NOT WANT TO BE MORE SPECIFIC	
	INFORMATION WAS BECAUSE THE	SOUNDED BORED OR UNINTERESTED	
	RESPONDENT:	SOUNDED UPSET, DEPRESSED, OR ANGRY	
	NEOF ORDERY.	HAD POOR HEARING OR SPEECH	05
		SOUNDED CONFUSED OR DISTRACTED BY	00
		FREQUENT INTERRUPTIONSSOUNDED INHIBITED BY OTHERS AROUND	00
		HER	07
		SOUNDED EMBARRASSED BY THE SUBJECT	01
		MATTER	08
		SOUNDED EMOTIONALLY UNSTABLE	09
		SOUNDED PHYSICALLY ILL	
		NOT COMFORTABLE WITH LANGUAGE OF	
		THE QUESTIONNAIRE	
		DOESN'T HAVE THE TIME	
		FELT INTERVIEW TOO LONG OTHER (SPECIFY)	
	SPECIFY:		
K16.	WAS THE MAJORITY OF THE INTERVIEW	ENGLISH	
	DONE IN ENGLISH OR IN SPANISH?	SPANISH HALF ENGLISH/HALF SPANISH	
		HALI LINGLISTI/TIALF SPANIST	3
K17.	WAS THIS INTERVIEW TRANSLATED BY ANOTHER PERSON?	YES	
	ANOTHER FERSON!	· · = · · · · · · · · · · · · · · · · ·	

(18.	USE THIS SPACE FOR ANY OTHER COMMENTS YOU HAVE WHICH MAY AFFECT THE INTERPRETATION OF 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 (2nd trimester) T3 (3rd trimester)

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

B3

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 about 15 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	
	SCREEN	
CATI RESPONSE	CODE	DATABASE
NEVER OR < ONCE PER MONTH	0	0
1 PER MONTH	1M	1
2 PER MONTH		2
3 PER MONTH	3M	3
1 PER WEEK	1W	11
2 PER WEEK	2W	12
3 PER WEEK	3W	13
4 PER WEEK	4W	14
5 PER WEEK	5W	15
6 PER WEEK	6W	16
1 PER DAY	1D	21
2 PER DAY	2D	22
3 PER DAY	3D	23
4 PER DAY	4D	24
5 PER DAY	5D	25
6+ PER DAY	6D	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 School of Medicine 1317 Beacon Street Brookline, MA 02446 617-734-6006