### Attachment 1a: English Questions to be cognitively tested

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Form Approved OMB #0920-0222; Expiration Date: 07/31/2018

### **EARLY CHILDHOOD - ECQ**

ECQ.010	First I have some questions about How old was {SP NAME's} biologic	
	RVIEWER NOTE: pical Mother: The person who gave birt	h to the child.
ECQ.020	Did {SP NAME's} biological mother	smoke at any time while she was pregnant with {him/her}?
	RVIEWER NOTE: pical Mother: The person who gave bird	h to the child.
ECQ.New1/ H L/K	How much did {SP}'s biological mothe	weigh before she was pregnant with {him/her}?
	 ENTER	WEIGHT IN POUNDS 1
	_ ENTER	_   NUMBER OF POUNDS

ECQ.New2/ How tall is {SP}'s biological mother without shoes? G/F/I/M/C ENTER HEIGHT IN FEET AND INCHES...... 1 ENTER NUMBER OF FEET AND **ENTER NUMBER OF INCHES** ECQ.071/ How much did {SP NAME} weigh at birth? L/O/K/M IF ANSWER GIVEN IN POUNDS ONLY, PROBE FOR OUNCES. IF ANSWER GIVEN IN EXACT POUNDS, ENTER NUMBER OF POUNDS AND 0 OUNCES. **ENTER NUMBER OF POUNDS** AND OUNCES...... 1 **ENTER NUMBER OF POUNDS** AND **ENTER NUMBER OF OUNCES** Did {SP NAME} weigh . . . ECQ.080 more than 5-1/2 lbs. (2500 g), or...... (ECQ.090) less than 5-1/2 lbs. (2500 g)?...... 2 Did {SP NAME} weigh . . . ECQ.090

## DIET BEHAVIOR AND NUTRITION - DBQ

DBQ.010	Now I'm going to ask you	some general questions about {SP's} eating ha	bits.
Was	(SP) ever breastfed or fed bre	astmilk?	
		YES	
	ERVIEWER NOTE: NUMBER	the} completely stopped breastfeeding or being CANNOT BE MORE THAN SP'S AGE. SE AGE IN MONTHS IS ALLOWED.	g fed breastmilk?
		ENTER NUMBER STILL BREASTFEEDING    _ _  ENTER AGE IN DAYS, WEEKS, MONTHS OF	2 (DBQ.New1)
		ENTER UNIT     DAYS WEEKS MONTHS YEARS	2 3
DBQ.New1	Some children might drink bre How was {SP} drinking breas	east milk from a bottle, cup (including sippy cup) t milk in the past 2 weeks?	), or spoon as well as at the breast
		Only at the breast, At the breast and also from a bottle, cup, or spoon, or Only from a bottle, cup, or spoon	2

#### BOX 1a

YEARS...... 4

IF BABY IS NOT STILL BREAST FEEDING **AND** IS NOT STILL DRINKING FORMULA, GO TO DBQ.055

ELSE, IF BABY IS STILL DRINKING FORMULA, CONTINUE

ELSE, GO TO BOX1b.

	RVIEWER INSTRUCTION: ask the question if the respondent is female. Select	"NO" if the respondent is male.	
	YFS	1	
		2	
DBQ.New3	Which of the following best describes the content of to {SP} in the past 2 weeks?	the bottles or cups (including sippy cup	s) that {you/SP's mother} fed
	MARK ALL THAT APPLY		
	Breast milk,	1	
		2	
	Other (e.g. water, juic		
	rruit-navored drinks, SP'S MOTHER DOE	soft drinks, soda, tea) 3	
		4	
	or renderviceriii		
DBQ.New4	formula, or Other (e.g. water, juic fruit-flavored drinks, Don't know how othe	the past 2 weeks? 1 2	
	BOX 1b		]
	IF {SP} ONLY DRANK BREAST MILK FROM TH TO DBQ.055	E BREAST IN PAST 2 WEEKS, GO	
	IF BABY IS NOT STILL BREAST FEEDING <b>AND</b> FORMULA, GO TO DBQ.055	) IS NOT STILL DRINKING	
	ELSE, IF STILL DRINKING BREAST MILK <b>AND</b> CONTINUE	STILL DRINKING FORMULA,	
	ELSE, GO TO DBQ.New7.		
DBQ.New5	In the past 2 weeks, was {SP} fed formula mixed	with breast milk in the same bottle?	
		1 2 (DBQ.Nev	w7)

DBQ.New2

Are you {SP's} mother?

		Added formula powder to breast milk,	1
		Added prepared (mixed up) formula or	
		ready-to-feed formula to breast milk, or	2
		Added liquid formula concentrate to breast milk	3
		to breast milk	J
DBQ.New7	In the past 2 weeks, how ofte before feeding it to {SP}?	n was water added to formula, more than sugge	ested in the instructions, or to breast milk
HAN	ID CARD DBQ1		
		NEVER,	
		RARELY,	2
		EVERY FEW DAYS,	
		ABOUT ONCE A DAY,	
		AT MOST FEEDINGS, OR	5
		EVERY FEEDING?	6
DBQ.New8	In the past 2 weeks, how ofte	n was baby cereal added to {SP}'s bottle of form	nula or breast milk?
HAN	ID CARD DBQ1		
		NEVER,	1
		RARELY,	
		EVERY FEW DAYS,	
		ABOUT ONCE A DAY,	
		AT MOST FEEDINGS, OR	
		EVERY FEEDING?	
		LVERT FLEDING:	O .
DBQ.New9	In the past 2 weeks, how ofte bottle of formula or breast mil	n was a sweetener, such as juice, honey, sugar k?	, or flavored beverage, added to {SP}'s
HAN	ID CARD DBQ1		
		NEVED	1
		NEVER,	
		RARELY,	2
		EVERY FEW DAYS,	3
		ABOUT ONCE A DAY,	
		AT MOST FEEDINGS, OR	
		EVERY FEEDING?	6
DDO Novi10	In the neet Oweeke how ofto	n ware vitamine or minerale added to CCDVs hat	the of formatile or broads well.
DBQ.New10	in the past 2 weeks, now one	n were vitamins or minerals added to {SP}'s bot	ue of formula of breast milk?
HAN	ID CARD DBQ2		
		NEVER,	1
		RARELY,	2
		EVERY FEW DAYS,	3
		ABOUT ONCE A DAY,	

DBQ.New6 How were the formula and breast milk usually mixed?

DBQ.New	In the past 30 days, was n {SP}'s bottle of formula or	nedicine such as acetaminophen, ibuprofen, gas breast milk?	s drops, colic drops, or antibiotics added to
		YES	
			-
DBQ.055 G/Q/U		e first thing that {SP} was given other than breas ar water, baby food, or anything else that {SP} m	
	How old was {SP} when {he/s	he} was first fed anything other than breast milk	or formula?
		CANNOT BE MORE THAN SP'S AGE. SE AGE IN MONTHS IS ALLOWED.	
D	NTERVIEWER INSTRUCTION: O NOT COUNT MEDICATIONS, IYGIENE PURPOSES.	VITAMIN DROPS, OR SMALL AMOUNT OF WA	ATER THAT WAS USED FOR ORAL
		ENTER NUMBER NEVER	
		 ENTER AGE IN DAYS, WEEKS, MONTHS OF	R YEARS
		ENTER UNIT	

 DBQ.061 How old was  $\{SP\}$  when  $\{he/she\}$  was first fed **milk**? G/Q/U

DO NOT INCLUDE BREASTMILK OR FORMULA. INCLUDE LACTAID, SOY MILK, AND ALL OTHER TYPES OFMILK.

INTERVIEWER NOTE: NUMBER CANNOT BE MORE THAN SP'S AGE. AGE CANNOT BE ZERO BECAUSE AGE IN MONTHS IS ALLOWED.

ENTER NUMBER NEVER		(BOX 1c)
 ENTER AGE IN DAYS, WEEKS, MONTHS OF	R YI	EARS
ENTER UNIT		
 DAYS	1	
WEEKS		
MONTHS		
YFARS	4	

#### **INTERVIEWER NOTE:**

Lactaid: A modified milk product that is often consumed by individuals who have lactose intolerance. Lactaid can be purchased in various forms (i.e., 2%, skim, etc.). If respondent does not give type, probe for type (i.e., was that Lactaid regular, 2%, 1% or skim?).

Soy milk: Soy milk are the common name for soy beverages. When fortified with calcium, vitamin A, and vitamin D, they are included as part of the dairy food group because they are similar to milk based on nutrient composition and in their use in meals. Other products sold as "milks" but made from plants (e.g., almond, rice, coconut, and hemp "milks") may contain calcium and be consumed as a source of calcium, but they are not included as part of the dairy group because their overall nutritional content is not similar to dairy milk and fortified soy beverages (soymilk).

Formula: A milk mixture or milk substitute that is fed to babies.

DBQ.073 What type of milk was {SP} first fed? Was it . . .

MARK ALL THAT APPLY

whole or regular,	10
2% fat or reduced-fat milk,	11
1% fat or low-fat milk (includes 0.5% fat	
milk or "low-fat milk" not further specified),	12
fat-free, skim or nonfat milk,	13
soy milk, or	14
another type?	30

#### **INTERVIEWER NOTE:**

Lactaid: A modified milk product that is often consumed by individuals who have lactose intolerance. Lactaid can be purchased in various forms (i.e., 2%, skim, etc.). If respondent does not give type, probe for type (i.e., was that Lactaid regular, 2%, 1% or skim?).

DBQ.New12 cheese?

INTERVIEWER NOTE: NUMBER CANNOT BE MORE THAN SP'S AGE. AGE CANNOT BE ZERO BECAUSE AGE IN MONTHS IS ALLOWED.

		ENTER NUMBER NEVER	
		_  ENTER AGE IN DAYS, WEEKS, MONTHS OF	RYEARS
		ENTER UNIT	
		DAYS	
		WEEKS MONTHS	
		YEARS	
DBQ.New13	How old was {SP} when {I or rice?	ne/she} was first fed a grain, such as cereal, puf	fs, teething biscuits, crackers, bread, pasta,
INTER		ANNOT BE MORE THAN SP'S AGE. BECAUSE AGE IN MONTHS IS ALLOWED.	
		 ENTER NUMBER	1
		NEVER 2	
		ENTER AGE IN DAYS, WEEKS, MONTHS OF	R YEARS
		ENTER UNIT	
		DAYS	
		MONTHS	
		YEARS	

DBQ.New14 How old was {SP} when {he/she} was first fed a meat, poultry, seafood, or egg (for example, beef, pork, chicken, turkey, sausage, fish, eggs)?

INTERVIEWER NOTE: NUMBER CANNOT BE MORE THAN SP'S AGE. AGE CANNOT BE ZERO BECAUSE AGE IN MONTHS IS ALLOWED.

		L  ENTER NUMBER NEVER	1 2 (DBQ.New15)
		ENTER AGE IN DAYS, WEEKS, MONTHS OF	R YEARS
		ENTER UNIT	
		DAYS WEEKS MONTHS YEARS	2 3
DBQ.New15	How old was {SP} when {I or vegetable juice?	ne/she} was first fed a vegetable, including cook	ed, pureed, cut up or mashed vegetables,
		CANNOT BE MORE THAN SP'S AGE. SE AGE IN MONTHS IS ALLOWED.	
		ENTER NUMBER NEVER	1 2 (DBQ.New16)
		 ENTER AGE IN DAYS, WEEKS, MONTHS OF	R YEARS
		ENTER UNIT	
		L  DAYS WEEKS MONTHS YEARS	2 3
DBQ.New16 lentils?	How old was {SP} when {I	ne/she} was first fed legumes, such as black bea	ans, kidney beans, split peas, chickpeas, or
		CANNOT BE MORE THAN SP'S AGE. SE AGE IN MONTHS IS ALLOWED.	
		ENTER NUMBER NEVER	1 2 (DBQ.New17)

		ENTER AGE IN DAYS, WEEKS, MONTHS OF	R YEARS
		ENTER UNIT	
		L  DAYS WEEKS MONTHS YEARS	2 3
w17	How old was {SP} when {I or other foods prepared w	ne/she} was first fed soy products such as tofu, sith soy ingredients?	soy beans, meat substitutes made with soy,
		CANNOT BE MORE THAN SP'S AGE. SE AGE IN MONTHS IS ALLOWED.	
		ENTER NUMBER NEVER    _  ENTER AGE IN DAYS, WEEKS, MONTHS OF	
		ENTER UNIT	
		DAYS WEEKS MONTHS	2

DBQ.New17

DBQ.New18

How old was {SP} when {he/she} was first fed nuts or seeds such as peanuts or peanut butter, almonds, mixed nuts, sesame seeds, cashews, walnuts, pecans, or nut butters, such as Almond Butter or Sun Butter, or other nut or seed products?

### HAND CARD DBQ3

INTERVIEWER NOTE: NUMBER CANNOT BE MORE THAN SP'S AGE. AGE CANNOT BE ZERO BECAUSE AGE IN MONTHS IS ALLOWED.

7.02.0	, 11110   BL ZEITO BEOTTO		
		ENTER NUMBER NEVER    _  ENTER AGE IN DAYS, WEEKS, MONTHS OF	2 (DBQ.New19)
		ENTER UNIT     DAYS WEEKS MONTHS YEARS.	2 3
DBQ.New19	How old was {SP} when {	he/she} was first fed a fruit including cooked, pu	
		CANNOT BE MORE THAN SP'S AGE. SE AGE IN MONTHS IS ALLOWED.	
		ENTER NUMBER NEVER    _ _  ENTER AGE IN DAYS, WEEKS, MONTHS OF	2 (BOX 2)
		ENTER UNIT     DAYS WEEKS MONTHS YEARS	2
		BOX 2	
	IF SP IS 12 MONTHS OLI	D OR OLDER, GO TO DBQ.197	
	OTHERWISE, END QUES	STIONNAIRE.	

DBQ.197 {Next I have some questions about {SP's} eating habits.}

{First/Next}, I'm going to ask a few questions about milk products. Do not include their use in cooking.

In the **past 30 days**, how often did {you/SP} have milk to drink or on {your/his/her} cereal? Please include chocolate and other flavored milks as well as hot cocoa made with milk. Do not count small amounts of milk added to coffee or tea. Would you say . .

HAND CARD DBQ4

never,	0	(BOX 6)
rarely – less than once a week,	1	
sometimes – once a week or more, but		
less than once a day, or	2	
often – once a day or more?	3	
VARIED	1	

DBQ.223 What type of milk was it? Was it usually . . .

IF RESPONDENT CANNOT PROVIDE USUAL TYPE, MARK ALL THAT APPLY.

whole or regular,	10
2% fat or reduced-fat milk,	11
1% fat or low-fat milk (includes 0.5% fat	
milk or "low-fat milk" not further specified),	12
fat-free, skim or nonfat milk,	13
soy milk, or	14
another type?	30

#### INTERVIEWER NOTE:

Lactaid: A modified milk product that is often consumed by individuals who have lactose intolerance. Lactaid can be purchased in various forms (i.e., 2%, skim, etc.). If respondent does not give type, probe for type (i.e., was that Lactaid regular, 2%, 1% or skim?).

FSQ.653 Next are a few questions about the WIC program.

Has {SP} ever received benefits from WIC, that is, the Women, Infants, and Children program?

YES	1	(FSQ.673)
NO	2	

### INTERVIEWER NOTE:

WIC: WIC is short for the Special Supplemental Food Program for Women, Infants, and Children. This program provides food assistance and nutritional screening to low-income pregnant and postpartum women and their infants, as well as to low-income children up to age 5.

## HAND CARD DBQ5

## CODE ALL THAT APPLY

SP DOES NOT QUALIFY FOR WIC	1
SP DOESN'T NEED WIC	2
PARENT OR CAREGIVER/GUARDIAN HAS	
NEVER HEARD OF WIC	3
THE WIC APPLICATION WAS DIFFICULT	4
PARENT OR CAREGIVER/GUARDIAN	
CANNOT FIND TRANSPORTATION	
TO GET TO THE WIC CLINIC	5
PARENT OR CAREGIVER/GUARDIAN	
CANNOT FIND TIME TO GET TO THE	
WIC CLINIC	6
NIC WOULD INTERFERE WITH PARENT OF	₹
CAREGIVER/GUARDIAN'S	
WORK SCHEDULE	7
NIC WOULD INTERFERE WITH PARENT OF	₹
CAREGIVER/GUARDIAN'S	
SCHOOL SCHEDULE	8
THE STORES THAT ACCEPT WIC ARE	
NOT CLOSE TO FAMILY'S HOME	9
WIC FOODS ARE DIFFICULT TO FIND IN	
THE GROCERY STORE	10
JSING WIC AT THE GROCERY STORE IS	
EMBARASSING/UNCOMFORTABLE	11
CHECKING OUT AT THE STORE WITH WIC	
FOODS CAN TAKE A LONG TIME	12
FAMILY ALREADY RECEIVED FOOD FROM	
SNAP, A FOODBANK, OR	
OTHER SOURCE	13
SP WOULD NOT LIKE THE FOODS	
PROVIDED BY WIC	14
PARENT OR CAREGIVER/GUARDIAN DOES	3
NOT LIKE THE FOODS PROVIDED BY WIC	215
PARENT OR CAREGIVER/GUARDIAN	
BELIEVED CLINIC WAIT TIMES	
WOULD BE LONG	16
FAMILY DOES NOT WANT TO	
PARTICIPATE IN A FEDERAL	
GOVERNMENT PROGRAM, ETC	17
FAMILY FREQUENTLY MOVES SO IT IS	
TOO DIFFICULT TO ENROLL IN WIC	18
OTHER, SPECIFY	19

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YES	1 (END OF SECTION)
NO	2

FSQ.New21 Why did (SP) stop receiving WIC benefits?

HAND CARD DBQ6

CODE ALL THAT APPLY

SP NO LONGER QUALIFIES FOR WIC	1
SP NO LONGER NEEDS WIC	2
PARENT OR CAREGIVER/GUARDIAN	
COULD NO LONGER FIND	
TRANSPORTATION TO GET TO THE	
WIC CLINIC	3
PARENT OR CAREGIVER/GUARDIAN	
COULD NO LONGER FIND TIME TO GET	
TO THE WIC CLINIC	4
WIC INTERFERED WITH PARENT OR	
CAREGIVER/GUARDIAN'S	
WORK SCHEDULE	5
WIC INTERFERED WITH PARENT OR	
CARETAKER/GUARDIAN'S	
SCHOOL SCHEDULE	6
THE STORES THAT ACCEPT WIC ARE NOT	-
CLOSE TO FAMILY'S HOME	7
WIC FOODS WERE DIFFICULT TO FIND IN	
THE GROCERY STORE	8
USING WIC AT THE GROCERY STORE WAS	S
EMBARASSING/UNCOMFORTABLE	9
CHECKING OUT AT THE STORE WITH WIC	
FOODS TOOK A LONG TIME	10
FAMILY WAS ALREADY GETTING FOOD	
FROM SNAP, A FOODBANK, OR	
OTHER SOURCE	11
SP DID NOT LIKE THE FOODS PROVIDED	
BY WIC	12
PARENT OR CAREGIVER/GUARDIAN	
DID NOT LIKE THE FOODS	
PROVIDED BY WIC/ WIC	13
CLINIC WAIT TIMES WERE LONG	14
FAMILY DIDN'T WANT TO CONTINUE	
PARTICIPATING IN A FEDERAL	
GOVERNMENT PROGRAM, ETC	15
FAMILY FREQUENTLY MOVED SO IT WAS	
TOO DIFFICULT TO RE-ENROLL IN WIC.	16
OTHER, SPECIFY	17

.. .

Never

Rarely

Every few days

About once a day

At most feedings

**Every feeding** 

. . . .

Never

Rarely

Every few days

About once a day

....

[Note to reviewers: "Nuts & Seeds" options and "Nut Butters" options will be randomly assigned.]

## Examples of nuts, seeds, Nut butters, nut or seed products

## **OPTION 1 (nuts & seeds)**





## **OPTION 2 (nuts & seeds)**





## **OPTION 3 (nuts & seeds)**



# **OPTION 1 (nut butters)**









# **OPTION 2 (nut butters)**







. . .

Never

Rarely – less than once a week

Sometimes – once a week or more, but

less than once a day

Often – once a day or more

. . .

- My child does not qualify for WIC
- My child doesn't need WIC
- Parent or caregiver/guardian has never heard of WIC
- The WIC application was difficult
- Parent or caregiver/guardian cannot find transportation to get to the WIC clinic
- Parent or caregiver/guardian cannot find time to get to the WIC clinic
- WIC would interfere with parent or caregiver/guardian's work schedule
- WIC would interfere with parent or caregiver/guardian's school schedule
- The stores that accept WIC are not close to family's home
- WIC foods are difficult to find in the grocery store
- Using WIC at the grocery store is embarrassing/uncomfortable
- Checking out at the store with WIC foods can take a long time
- Family already received food from SNAP, a foodbank, or other source
- My child would not like the foods provided by WIC
- Parent or caregiver/guardian does not like the foods provided by WIC
- Parent or caregiver/guardian believed clinic wait times would be long
- Family does not want to participate in a federal government program, etc.
- Family frequently moves so it is too difficult to enroll in WIC
- Another reason

. . .

- My child no longer qualifies for WIC
- My child no longer needs WIC
- Parent or caregiver/guardian could no longer find transportation to get to the WIC clinic
- Parent or caregiver/guardian could no longer find time to get to the WIC clinic
- WIC interfered with parent or caregiver/guardian's work schedule
- WIC interfered with parent or caregiver/guardian's school schedule
- The stores that accept WIC are not close to family's home
- WIC foods were difficult to find in the grocery store
- Using WIC at the grocery store was embarrassing/uncomfortable
- Checking out at the store with WIC foods took a long time
- Family already getting food from SNAP, a foodbank, or other source
- My child did not like the foods provided by WIC
- Parent or caregiver/guardian did not like the foods provided by WIC
- Clinic wait times were too long
- Family did not want to continue participating in a federal government program, etc.
- Family frequently moved so it is too difficult to enroll in WIC
- Another reason