APPENDIX K.1

OMB Approval No. 0584-XXXX Approval Expires: XX/XX/20XX

WIC ITFPS-2 PARTICIPANT INTERVIEW 3 MONTH - ENGLISH

SOCIODEMOGRAPHICS AND BACKGROUND

_		ll Caregiver?
1, 5, 5,	7, 9, 11,	13, 15, 18, 24
SD12.		Before we go any further/ All other: Before we begin today), I need to ask whether e still {CHILD's} caregiver. [Source: New Development]
		Yes01
		No02
		(If no, go to a)
	a.	Does {CHILD} still live with you?
		Yes01
		No02
	b.	(If a is Yes): Can you please tell me who in your household is now {CHILD's} caregiver? Can I speak with that person?
		Name of New Caregiver
	с.	(If a is No): Can you please tell me who is caring for {CHILD} now, and how I could reach that person?
		Name of New Caregiver
		Phone of New Caregiver
		Address of New Caregiver
		Relation of New Caregiver to Child
		liscontinuation of WIC participation (timing, reasons, location)
1, 3, 5,	7, 9, 11,	13, 15, 18, 24
I'd like	to begi	n by asking you some questions about WIC.
SD31.		u currently getting WIC food or checks for yourself or {CHILD}? [Source: FDA; modified]
		Yes
		No
SD32.		st time we talked with you, you were going to WIC at [fill in location]. Do you still go or do you go to a new location? [Source: FDA IFPS-2 modified]

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number. The valid OMB control number for this information collection is 0584-XXXX. The time required to complete this information collection is estimated to average 27 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

	Yes, still that location01
	No, new location02
SD33.	(If SD32 is no) Please tell me where you go now
	Record location
Ask SD	34 and SD35 only if SD31 is 'no'
SD34.	How old was {CHILD} when you stopped going to WIC? [Source: LA WIC Survey; modified]
	Age[weeks/months]
SD35.	I'm going to read some reasons why you might have stopped going to WIC. Please tell me if each one is a reason you stopped going to WIC: [Source: LA WIC Survey; modified]
	You no longer qualify for WIC
	WIC PROGRAM AWARENESS, SATISFACTION, UTILIZATION
WIC, si	ster full WIC module only if respondent indicated in SD31 that they are still on WIC. If not on kip to WC21. ing to ask you some questions about WIC, including what your WIC site offers and what ervices you use.
Awarei Prenata	ness: WIC Food Packages al, 3
	'm going to read you a few questions and I'd like you to tell me if these things are offered at VIC office or clinic:
WC1.	There is a special WIC food package for breastfeeding women who do not accept infant formula from WIC. Is this food package offered at your WIC office or clinic? [Source: IFPS-1, modified]
	Yes
Percep	tions of impact of WIC food package on breastfeeding behavior

If WC1 was yes, ask KA25

KA25.	decision to breastfeed {CHILD}? [Source: New Development]
	Very important.01Somewhat important.02Not important.03
Awarer Prenato	ness: WIC Food Packages al, 3
WC2.	At your WIC office or clinic does the amount of infant formula you can get from WIC change based on the age of the baby? [Source: New Development]
	Yes01
	No02
	Don't Know98
WC3.	At your WIC office or clinic does the amount of infant formula you can get from WIC change depending on how much breastfeeding the mother is doing? [Source: New Development]
	Yes01
	No02
	Don't Know98
Awarer Prenato	ness: Breastfeeding counseling and education
Now I's	m going to ask you some questions about information and services you might have gotten VIC.
WC4.	Do you think that WIC recommends breastfeeding only, formula feeding only, or that both are equally ok? [Source: IFPS-1, modified]
	Breastfeeding only01
	Formula feeding only02
	Both are equally ok03
	Don't Know98
Utilizat Prenata	ion: Breastfeeding counseling and education al, 3
WC5.	Have you received any information from WIC about breastfeeding (during this pregnancy/{CHILD})? [Source: IFPS-1, modified]
	Yes01
	No02
	Don't Know98
Utilizat	ion: Nutrition education and counseling

WC6.	Have you received information from WIC about what you should be eating? [Source: New Development]
	Yes01
	No
	Don't Know98
3 only:	
	Have you received information from WIC about how to feed formula to your child? [Source: WIC IFPS-1 modified]
	Yes01
	No
	Don't Know98
WC8.	Have you received information from WIC about how to prepare formula? [Source: WIC IFPS-1 modified]
	Yes01
	No
	Don't Know98
	Bon (Talowillianianianianianianianianianianianianiani
WC9.	Have you received information from WIC about when to begin giving cereal and other foods to {CHILD}? [Source: New Development]
	Yes01
	No
	Don't Know98
	Bon (Talowillianianianianianianianianianianianianiani
Utiliza 3	tion: Peer counseling for breastfeeding
WC10.	. Did someone who works for your WIC office or clinic visit you in the hospital when you had {CHILD}, to provide breastfeeding support? [Source: New Development]
	Yes01
	No
	Didn't need it
	Don't Know98
	Doll (Kilow
WC11.	Did someone who works for your WIC office or clinic call you after {CHILD} was born to provide breastfeeding support? [Source: New Development]
	Yes01
	No02
	Didn't need it03
	Don't Know98
Utiliza	tion: Food package
Prenate	

	ng the last month did you buy all of the WIC foods benefits? [Source: New Development]	for which you were issued checks or
	Yes	01
	No	
	Haven't shopped yet	
	Don't Know	
WC13. Durin	ng the last month did you buy the full amount of th	e fruit and vegetable benefit?
	Yes	01
	No	
	Haven't shopped yet	
	Don't Know	
Perceptions of 3, 13, 24	f Impact of Nutrition Education	
food y	WIC benefits include both education and food. Wyou get from WIC, the education you get from WIC ree: New Development] Food is more important	C, or are they equally important?
	Education is more important	
	They are equally important	
	Don't know	
	Refused	99
If no longer on	n WIC, say: I'd like to ask you about how you used	WIC education.
	you changed how you feed yourself or your family [C? [Source: New Development]	because of something you learned
	Yes	01
	No	
	Don't Know	
	S to WC21) What is the most important change you wed from WIC? (Open-ended; Interviewer record re	
	I/we eat more fruits and vegetables	
	I/we eat more whole grains	
	I/we drink more reduced fat/low-fat/non-fat milk	
	I am breastfeeding/breastfed	04
	I know how to prepare formula/feed the right amou	
	We have more family meals/eat together	
	We don't watch TV when eating meals	
	We drink/buy fewer sugar sweetened beverages	08

Now I'm going to ask you a few questions about how you have used WIC food and education.

I/we offer the right amount of foods (portion)	09
I know how to choose more healthy foods for myself/my	family10
Other (specify)11
Don't know	98
Refused	99

HOSPITAL EXPERIENCES AND FEEDING PRACTICES

NICU Feeding Module

1, *3 for last question

*HF5. (If child was still in NICU at 1 month from HF3) When we spoke with you last time your baby was still in the NICU. At what age did your baby come home from the NICU?

Age.....[weeks]

CURRENT FEEDING PRACTICES

AMPM Module (Asking child's food intake in past 24 hours)

24-HR Recall for Food Intake

1, 3, 5, 7, 9, 11, 13, 15, 18, 24

Nutrition intake

Number of breastmilk/formula feedings per day

Type of formula used

Adherence to formula dilution instructions

Use/timing of supplemental formula for breastfeeding mothers

Addition of anything other than human milk/formula to child's bottle

Specific food item intake

Use of jarred baby foods

Meal and snack pattern

Eating locations (eating on the go)

Use of dietary supplements for infants (direct administration)

Current feeding choice

1, 3, 5, 7, 9, 11, 13

Now I'm going to ask you some questions about things you might be doing to feed your baby.

Current feeding choice

1	ו ח	_	$\overline{}$	Λ	1.	1 -	1 7
ш		. 5.	/.	9.			1.3

	form	nula, (1-5 months: or both) (7-13 months: both, or neither)? [Source: New Developmen	ıt]
		Only breastmilk01	
		Only formula	
		Both breastmilk and formula03	
		Neither breastmilk nor formula04	
_		tal interview (1 or 3), if mother indicates formula feeding only in CF1, and if 1 month to HF10 breastfeeding initiated in hospital, ask:	
		you ever feed your baby breastmilk, either from your breast or from a bottle? [Sourc	Δ.
CI 25.		A IFPS-2, modified]	С.
		Yes01	
		No02	
IF CF.	1 = 02	P, SKIP TO CF19	
		ng Module (Asked only if mother currently feeding breastmilk, based on CF1) FF2 – CF18	
Resolu		and nature of breastfeeding problems of breastfeeding problems	
1, 3, 5			
		at you are currently feeding {CHILD} breastmilk. I'd like to ask you some questions now.	
You sa	that n		_
You sa about	that n I wo duri	ould like to ask you about some of the problems you might have had with breastfeeding	_
You sa about	that n I wo duri	now. Sould like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem	_
You sa about	I wo duri Ask i	now. Sould like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5.	_
You sa about	I wo duri Ask i	now. Sould like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5. In the past month, did your baby have trouble latching on?	_
You sa about	I wo duri Ask i	would like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5. In the past month, did your baby have trouble latching on? Yes	_
You sa about	I wo duri Ask i	wild like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5. In the past month, did your baby have trouble latching on? Yes	_
You sa about	I wo duri Ask i	would like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5. In the past month, did your baby have trouble latching on? Yes	_
You sa about	I wo duri Ask i	would like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5. In the past month, did your baby have trouble latching on? Yes	_
You sa about	I wo duri Ask i	would like to ask you about some of the problems you might have had with breastfeeding the past month. During the past month, have you had any of the following problem items (a/b) only at 1 month, then drop at 3 and 5. In the past month, did your baby have trouble latching on? Yes	_

es	Ω1
[O	
· · · · · · · · · · · · · · · · · · ·	
f yes) What did you do about this probl heck all responses offered)	em? (Interviewer allow o
urned to someone for advice	01
ottle fed baby with formula	
umped breastmilk to be fed to baby with b	
othing, just continued breastfeeding	
other (specify	
n the past month did you have sore or c	racked nipples?
es	01
Го	02
If yes) What did you do about this proble heck all responses offered)	em? (Interviewer allov
urned to someone for advice	
ook medications or used creams	
ottle fed baby with formula	
umped breastmilk to be fed to baby with b	
othing, just continued breastfeeding	
Other (specify)06
n the past month did you have a breast	infection?
es	01
Го	02
f yes) What did you do about this probl heck all responses offered)	em? (Interviewer allov
urned to someone for advice	01
ook medications or used creams	02
ottle fed baby with formula	03
umped breastmilk to be fed to baby with b	ottle04
othing, just continued breastfeeding	05
Other (specify)06
n the past month were your breasts too	full?
es	01
lo	
If yes) What did you do about this probl heck all responses offered)	em? (Interviewer allov

		Turned to someone for advice01	
		Bottle fed baby with formula02	
		Pumped breastmilk to be fed to baby with bottle03	
		Pumped or expressed breastmilk to relieve fullness04	
		Nothing, just continued breastfeeding05	
		Other (specify)06	
	k.	In the past month did you not have enough milk to satisfy the baby?	
		Yes01	
		No02	
	l.	(If yes) What did you do about this problem? (Interviewer allow open-ended and	
		check all responses offered)	
		Turned to someone for advice01	
		Changed what I ate02	
		Bottle fed baby with formula03	
		Pumped breastmilk to be fed to baby with bottle04	
		Nothing05	
		Other (specify)06	
	m.	In the past month did you have any other problems breastfeeding? (specify)	
		Yes01	
		No02	
	n.	(If yes) What did you do about this problem? (Interviewer allow open-ended and check all responses offered)	
		Turned to someone for advice01	
		Took antibiotics/medications02	
		Bottle fed baby with formula03	
		Pumped breastmilk to be fed to baby with bottle04	
		Nothing, just continued breastfeeding05	
		Other (specify)06	
Suppor	rt receiv	ved for breastfeeding problem	
1, 3, 5			
OE0	/TC		
CF3.		to any problem in CF2) When you have encountered problems with breastfeeding haf the following people given you advice about what to do? [Source: IFPS-1, modified]	
	a.	People who work at your WIC office or clinic	
		Yes01	
		No02	
	b.	Doctors or nurses	
		Yes01	

		No			
	c.	Friends or relatives			
		Yes			
	d.	Breastfeeding support people outside of WIC such as La Leche League or a lactation counselor			
		Yes			
	e.	Anyone else?			
		Yes			
-	•	nd nature of breastfeeding barriers s to identified barriers			
CF4.	I'm going to read you some statements about things that might make it hard to breastfeed or keep you from breastfeeding. For each one, please tell me if this has happened to you in the past month: [FDA IFPS-2, modified]				
	a.	I had to return to work or school and I could not or did not want to pump or breastfeed there. Did this happen to you in the past month?			
		Yes			
	b.	Breastfeeding took too much out of me. Did this happen to you in the past month?			
		Yes			
	c.	I did not have time to breastfeed. Did this happen to you in the past month?			
		Yes			
	d.	I felt tied down by breastfeeding. Did this happen to you in the past month?			
		Yes			
	e.	My husband or boyfriend was against it. Did this happen to you in the past month			
		Yes01 No			
		1 W			

CF5.	(If yes to any barriers in CF4) What do you think is the best way to deal with this/these things that made it hard to breastfeed? (Interviewer allow open-ended and check all responses offered) [Source: New Development]
	Seek support from a friend or relative to help you
	to continue breastfeeding01
	Seek support from a health professional to help you
	to continue breastfeeding
	Make arrangements with work or school to continue breastfeeding or pumping during the day
	Stop breastfeeding and switch to formula feeding04
	Mix breastfeeding with formula feeding05
	Nothing, just continue breastfeeding06
	Other (specify)07
_	breast pump 7, 9, 11, 13
CF6.	Some mothers are able to pump breastmilk and others are not. Are you currently pumping breastmilk?
Intervi	ewer: code yes if mother is pumping at all, even if infrequently.
	Yes01
	No02
	Refused99
If CF6	is NO, skip to CF18
From v	where mom received pump
1, 3 (as	sk at 1 month, or at 3 if mother indicates pumping for the first time at 3 months)
Ask on	ly if currently pumping breastmilk in CF6
CF7.	What are you using most often to pump breastmilk, is it an electric pump, a manual pump, pumping by hand, or something else? [Source: New Development]
	An electric pump01
	A manual pump02
	Pumping by hand03
	Other04
CF10.	(Do not ask if CF7 pumping by hand) How did you get the breast pump that you use most often? (Interviewer read options)[Source: FDA IFPS-2, modified]
	WIC loaned it to you or paid for it01
	You bought it or rented it02
	You borrowed it from a friend or relative03
	It was given to you as a gift04
	You use one provided by a hospital,

1, 3, 5,	7, 9, 1	1, 13
Ask on	ly if cui	rrently pumping breastmilk in CF6
CF12.		I'd like to ask you about the times of day when you usually pump. [Source: New lopment]
	a.	When you pump, how often do you pump in the morning, before noon? Would you say usually, sometimes, or never?
		Usually01 Sometimes
		Never03
		Don't know98
		Refused99
	b.	When you pump, how often do you pump mid-day, from noon to 5pm? Would you say usually, sometimes, or never?
		Usually01
		Sometimes02
		Never
		Don't know98
		Refused99
	c.	When you pump, how often to you pump in the evening or night time, after 5pm? Would you say usually, sometimes, or never? Usually
		Sometimes
		Never
		Don't know98
		Refused99
1, 3, 5,	7, 9, 1	
Ask on	ly if cui	rrently pumping breastmilk in CF6
CF11.	open-	king about the past two weeks, how many times did you pump milk? (Interviewer allowended, calculate numbers for response if needed, and confirm with respondent)[Source: IFPS-2, modified]
		Times pumped[times]
Reasor	is for p	pumping

your place of work, or someplace else......05

Time of day of pumping

Ask only if currently pumping breastmilk in CF6

CF15.	I'm going to read you some reasons why you might have pumped breastmilk in the past month. For each one, tell me if this was a reason you pumped breastmilk. (CATI to randomize order of sub-items) [Source: FDA IFPS-2, modified]		
	a.	To relieve engorgement or swelling	
		Yes01	
		No	
	b.	To keep your milk supply up when your baby could not nurse (such as while you were away from your baby or when your baby was too sick to nurse)	
		Yes01	
		No02	
	c.	To mix with cereal or other food	
		Yes01	
		No	
	d.	To increase your milk supply	
		Yes01	
		No	
	e.	To have an emergency supply of milk	
		Yes01	
		No	
	f.	To get milk so that someone else can feed your baby	
		Yes01	
		No	
	g.	Any other reason you have pumped breastmilk in the past month?	
		Yes (specify)01	
		NT 00	

Storage practices for pumped/expressed human milk

1, 3, 5, 7, 9, 11, 13

Ask only if currently pumping breastmilk in CF6

CF16. In the last month, how long was your pumped milk usually stored in the refrigerator? [Source: FDA IFPS-2, modified]
I do not store milk in a refrigerator01
1 day or less
2 to 3 days
4 to 5 days
6 to 8 days
More than 8 days06
CF17. How long is your frozen milk usually stored? [Source: FDA IFPS-2]
Only include 4 months or more after the 5 month interview
I do not freeze my milk01
Less than 1 week
1 to 4 weeks
1 to 3 months
4 months or more
4 months of more
How is breastmilk feeding schedule determined (time schedule, child seems hungry, mixed) 1, 3, 5, 7, 9, 11, 13
CF18. Do you breastfeed or feed {CHILD} breastmilk from a bottle on a regular schedule, or when [HE/SHE] cries or seems hungry? [Source: IFPS-1, modified] Schedule
Who provided formula
1, 3, 5, 7, 9, 11, 13
You said that you are currently feeding {CHILD} formula. I'd like to ask you some questions about that.
CF19. Where do you get the formula that you use to feed {CHILD}? Do you get it from WIC, from somewhere else, or both WIC and somewhere else? [Source: New Development]
WIC01
Somewhere else
Both WIC and somewhere else
Don 1110 and somewhere discussions and the somewhere discussions are somewhere discussions and the somewhere discussions are somewhere discussions a
If CF19 = 02, skip to CF21.

CF20.	WIC to help feed {CHILD} more than you usually need, less than you usually need, or about right? [Source: PHFE WIC Survey 2010, modified]		
		More 01 Less 02 About right 03 Don't know 98 Refused 99	
	7, 9, 11,	rmula use . 13 (ask for the last time at the interview where mom indicates she has completely stopped	
CF21.		are many reasons for using formula. Please tell me if any of the following are reasons ou feed your baby formula? [Source: FDA IFPS-2, modified]	
If not c	urrently	breastfeeding at all (CF1) and never tried to breastfeed (HF10, CF29), skip to h.	
	Ask (a)	only in months 1, 3, 5	
	a.	My baby had trouble sucking or latching on to the breast	
		Yes	
	b.	My baby lost interest in nursing or began to stop nursing by him or herself	
		Yes	
	c.	Breastmilk alone did not satisfy my baby	
		Yes	
	d.	I thought that my baby was not gaining enough weight	
		Yes	
	e.	I didn't have enough breastmilk	
		Yes	
	f.	Breastfeeding was too painful	
		Yes	

g.	I wanted my baby to have both formula and breastmilk.		
	Yes		
Ask h-	n if mother is either exclusively formula feeding or feeding both breastmilk and formula		
h.	I chose not to breastfeed		
	Yes		
i.	My baby was sick and could not breastfeed		
	Yes		
j.	I was sick or had to take medicine		
	Yes		
k.	Breastfeeding seemed too inconvenient		
	Yes		
l.	I could not or did not want to pump		
	Yes		
m.	I wanted or needed someone else to feed my baby		
	Yes		
n.	For another reason		
	Yes (specify)01 No02		

People have different routines they follow when preparing formula. Now I'd like to ask you about things you might do when you prepare formula for your baby.

Formula Food Safety Questions

3, 7, 11

CF54. In the past month, when you prepared infant formula for {CHILD} how often did you mix it with water that you had boiled first? Would you say you did that always, sometimes, never, or did you use ready-to-feed formula instead?

	Always
CF55.	Some people mix their infant formula with water, and keep it until they need it to feed their babies. In the past month, how often did you mix infant formula more than 24 hours before you fed it to {CHILD}? Would you say that you always mixed it more than 24 hours before you fed it to {CHILD}, sometimes did that, never did that, or did you use ready-to-feed formula instead?
	Always
_	dhering to formula dilution instructions, why? Prescribed by Dr., nutritionist? 7, 9, 11, 13
CF22.	In the past month, did you ever mix the formula with extra water to make it last longer? [Source: IFPS-1]
	Yes
If CF22	2 = NO, skip to CF24.
CF23.	(If yes to CF22) Who told you to prepare the formula this way? [Source: New Development]
	Doctor
CF24.	In the past month, did you ever mix the formula with less water than directed in order to concentrate it or make it stronger? [Source: IFPS-1, modified]
	Yes
If CF24	4 = NO, skip to CF27.
CF25.	(If yes to CF24) Who told you to prepare the formula this way? [Source: New Development]
	Doctor

Family member
How is formula feeding schedule determined (set, on demand, mixed) 1, 3, 5, 7, 9, 11, 13
CF27. Do you feed {CHILD} formula on a regular schedule or when [HE/SHE] cries or seems hungry? [Source: IFPS-1]
Schedule
Move to Partial Breastfeeding
Timing of move to partial breastfeeding (any time 1-13)
Ask of all women who indicated fully BF in CF1. Once answered affirmatively, drop from subsequent interviews. CF52. Has {CHILD} ever been fed infant formula, even just one time? Do not count while you were in the hospital after {CHILD's} birth.
Yes
Ask of fully BF women who answered yes to CF52, partially BF women (based on CF1), and fully formula feeding women (based in CF1) who indicated that they ever breastfed in CF29 or HF10. Ask once, first time formula feeding indicated in CF1 or CF52, then drop from subsequent interviews. CF53. How old was {CHILD} the first time he/she was fed infant formula? Do not count while you were in the hospital after {CHILD'S} birth.
Age[days/weeks/months] Don't know98 Refused99
Asked of all partially BF women and all fully formula feeding women who ever breastfed based on CF29 or HF10. Ask until an age, don't know, or refused is given in response, then drop from subsequent interviews.
CF28. How old was {CHILD} when (he/she) was first fed formula every day? [Source: FITS 2002, modified]
Age[days/weeks/months] Child is not fed formula every day97

		Don't Know 98 Refused 99
	<mark>feeding</mark>	Cessation Module: (asked once first time mother indicates not currently feeding
	milk in	
		30 – CF31
_	-	ation of breastfeeding
(any tii	ne 1-13)	
Ask at	first inte	erview when mother says she is not feeding breastmilk, if she indicated feeding breastmilk
		vious interviews or if she answered 'yes' to ever breastfed or tried to breastfeed in CF29
CF30.		ld was {CHILD} when you completely stopped breastfeeding or feeding [HIM/HER] milk from a bottle? [Source: IFPS-1, modified]
		Age[days/weeks/months]
	•	essation of breastfeeding
(any tu	ne 1-13)	
CF31.		are many reasons mothers stop breastfeeding. Please tell me if any of the following as helped you to decide to stop breastfeeding {CHILD}? [Source: FDA IFPS-2, ied]
	Do not	ask (a) if interview is 5 months or later
	a.	My baby had trouble sucking or latching on
		Yes01
		No02
	b.	My baby began to bite
		Yes01
		No
	с.	My baby lost interest in nursing or began to stop nursing by him or herself
		Yes01
		No
	d.	Breastmilk alone did not satisfy my baby
		Yes01
		No
	e.	I thought that my baby was not gaining enough weight
		Yes01
		No. 02

	f.	I didn't have enough milk
		Yes01
		No02
	g.	Breastfeeding was too painful
		Yes01
		No02
	h.	I was sick or had to take medicine
		Yes01
		No
	i.	Breastfeeding was too inconvenient
		Yes01
		No02
	j.	I wanted or needed someone else to feed my baby
		Yes01
		No02
	k.	I did not want to breastfeed in public
		Yes01
		No02
	l.	Another reason (specify)
		Yes01
		No02
Supple	ementa	l Foods Initiation (asked all interviews 1-24 until all endorsed)_
Fed ot	her tha	n breastmilk or formula
		1, 13, 15, 18, 24 ·
Ack CI	722 at a	war interview until mother answers was then drop from later interviews and as straight to
CF33.	'52 ut e	very interview until mother answers yes, then drop from later interviews and go straight to
		CHILD} been given anything to eat or drink besides formula or breastmilk? [Source: IFPS-1, modified]
		Yes01
		No02
Were f	oods ot	her than breastmilk or formula fed by bottle? If so, why?

1, 3, 5, 7

a	In the past two weeks, how often have you added b	aby cereal to your baby's bottle		
	Every feeding	01		
	At most feedings			
	About once a day			
	Every few days			
	Rarely			
	Never			
b.	(If anything other than never) Why did you add baby cereal to your baby's bottle?			
	To make him/her full			
	To make him/her drink more milk			
	To give him/her a special treat	03		
	As a remedy	04		
	A doctor or other health professional told me to			
	A friend or relative told me to	06		
	Other	07		
c.	In the past two weeks, how often have you added sweetener to your baby's bottle?			
	Every feeding			
	At most feedings	02		
	About once a day			
	Every few days	04		
	Rarely			
	Never	06		
d.	(If anything other than never) Why did you add sweetener to your baby's bottle?			
	To make him/her full			
	To make him/her drink more milk			
	To give him/her a special treat	03		
	As a remedy	04		
	A doctor or other health professional told me to	05		
	A friend or relative told me to	06		
	Other	07		
e.	Have you added anything else?(Specify OTHER)) In the past two weeks, how often have you added [OTHER] to your baby's bottle?			
	Every feeding	01		
	At most feedings			
	About once a day			
	Every few days	04		
	Rarely			
	Nover	06		

CF36. Now I'm going to ask you some questions about things you might have added to your baby's

f.	(If anything other than never) Why did you add [OTHER] to your baby's bottle?
	To make him/her full01
	To make him/her drink more milk02
	To give him/her a special treat03
	As a remedy04
	A doctor or other health professional told me to05
	A friend or relative told me to
	Other
If CF32 = NO	, skip to CF50.
Time to intro	oduction of supplemental foods
1, 3, 5, 7, 9, 1	11, 13, 15, 18, 24
Only ask CF	F33 if CF32 = YES now or at a previous interview
Next I'm goi	ing to ask you some questions about when you first started feeding {CHILD} different
types of food	ls.
A 1 1 C	
•	d until answer is affirmative, then stop asking that food in subsequent interviews
	each of the following, please tell me if {CHILD} has been given this food or drink, and if
	ow old {CHILD} was when he/she first had that food. [Sources: FITS 2008; IFPS-1;
WHO	O Toolkit 1996]
a.	Has [HE/SHE] been given plain bottled or tap water?
	Yes01
	No02
b.	(If yes) How old was {CHILD} when [HE/SHE] was first fed plain bottled or tap
	water?
	A go
	Age[weeks/months] Don't know98
	Refused99
c.	Has [HE/SHE] been given soda or soft drinks?
	Voc.
	Yes
	No
d.	(If yes) How old was {CHILD} when [HE/SHE] was first fed soda or soft drinks?
	Age[weeks/months]
	Don't know98
	Refused

e.	Has [HE/SHE] been given other sweetened beverages (such as Kool Aid, Hi-C, Fruit Punch, sweetened juice, sweetened or flavored water, Gatorade, or sweet tea)?			
	Yes01			
	No			
f.	(If yes) How old was {CHILD} when [HE/SHE] was first fed other sweetened beverages?			
	Age[weeks/months]			
	Don't know98			
	Refused99			
g.	Has [HE/SHE] been given 100% fruit juice such as apple juice, or other types of 100% juice. Do not include fruit-flavored drinks with added sugar or fruit juice you made at home and added sugar to?			
	Yes01			
	No			
h.	(If yes) How old was {CHILD} when [HE/SHE] was first fed 100% fruit juice?			
	Age[weeks/months]			
	Don't know98			
	Refused99			
g.	Has [HE/SHE] been given other drinks and liquids, including teas and broths?			
	Yes01			
	No02			
h.	(If yes) How old was {CHILD} when [HE/SHE] was first fed other drinks and liquids, including teas and broths?			
	Age[weeks/months]			
	Don't know98			
	Refused99			
i.	Has [HE/SHE] been given cow's milk, including whole milk, 2%, 1%, or skim? Please include milk you add to other foods such as cereal.			
	Yes01			
	No			
j.	(If yes) How old was {CHILD} when [HE/SHE] was first fed cow's milk?			
	Age[weeks/months]			
	Don't know98			
	Refused99			
k.	Has [HE/SHE] been given dairy products other than cow's milk including cheese, yogurt, or goat's milk? Please include any dairy products other than cow's milk that you add to other foods.			

Yes	01
No	02
(If yes) How old was {CHII than cow's milk?	LD} when [HE/SHE] was first fed dairy products other
Age	[weeks/months]
Don't know	98
Refused	99
Has [HE/SHE] been given	baby cereal
Yes	01
No	02
(If yes) How old was {CHII	LD} when [HE/SHE] was first fed baby cereal?
Age	[weeks/months]
Don't know	98
Refused	99
Has [HE/SHE] been given of breastmilk or formula?	baby cereal, either with a spoon or by adding it to a bott
Yes	01
No	02
baby cereal? Age	LD} when [HE/SHE] was first fed other cereal besides [weeks/months]
	98
Refused	99
Has [HE/SHE] been given	eggs?
Yes	01
	02
(If yes) How old was {CHII	LD} when [HE/SHE] was first fed eggs?
Age	[weeks/months]
9	98
Refused	99
Has [HE/SHE] been given	fruit, including baby food or regular fruit?
Yes	01
No	02
(If yes) How old was {CHII	LD} when [HE/SHE] was first fed fruit?
Δαρ	[weeks/months]

		98 99
u.	Has [HE/SHE] been given	vegetables, including baby food or regular vegetables?
	Yes	01
	No	02
v.	(If yes) How old was {CHII	LD} when [HE/SHE] was first fed vegetables?
	Age	[weeks/months]
		98
	Refused	99
w.	Has [HE/SHE] been given	beans, such as black beans, pinto beans, or chick peas?
	Yes	01
	No	02
х.	(If yes) How old was {CHII	LD} when [HE/SHE] was first fed beans?
	Age	[weeks/months]
	Don't know	98
	Refused	99
y .	Has [HE/SHE] been given	peanut butter
	Yes	01
	No	02
Z.	(If yes) How old was {CHII	LD} when [HE/SHE] was first fed peanut butter?
	Age	[weeks/months]
		98
	Refused	99
aa.	Has [HE/SHE] been given food combination dinners	meats, chicken, or fish, including baby food and baby containing these foods?
	Yes	01
	No	02
bb.	(If yes) How old was {CHII	LD} when [HE/SHE] was first fed meat, chicken, or fish?
	Age	[weeks/months]
	Don't know	98
	Refused	99
cc.	Has [HE/SHE] been given snack foods including baby	salty snacks, such as chips, pretzels, crackers, or other y snacks?
	Yes	01
		02

	dd.	(If yes) How old was {CHILD} when [HE/SHE] was first fed salty snacks?
		Age[weeks/months]
		Don't know98
		Refused99
	ee.	Has [HE/SHE] been given sweets, such as cake, cookies, candy, or jam
		Yes01
		No
	ff.	(If yes) How old was {CHILD} when [HE/SHE] was first fed sweets?
		Age[weeks/months]
		Don't know98
		Refused99
[End s	upplem	ental foods module]
Metho	d of feed	ling child (spoon, infant feeder, bottle/modified bottle, etc.)
*3, 5, 7	7, 9, 11,	13, 15
*only o	isk at 3	months if indicated that child is eating solid foods (something other than formula or BM) in
CF32		
CF40.	In the	past 7 days, have you given {CHILD} any foods with a spoon? [Source: IFPS-1, ied]
		Yes01
		No
CF41.		past 7 days, have you given {CHILD} any foods with an infant feeder or with a bottle as an extra large nipple hole? [Source: IFPS-1, modified]
		Yes01
		No
Infant 3, 9	bottle f	eeding practices
1+ 0 m	onthe a	sk only if shild is still using a hottle (CE24)
		sk only if child is still using a bottle (CF34)
CF30.	_	oing to read some things that parents may do. Please tell me how often each lent is true for you and {CHILD}. [Source: Thompson et al., 2009]
	a.	When {CHILD} has a bottle, I prop it up
		Always01
		Usually02
		About half of the time03
		Occasionally04
		Never05

b.	. I try to get {CHILD} to finish (his/her) b	ottle of breastmilk or formula
	Always	01
	Usually	
	About half of the time	03
	Occasionally	04
	Never	05
	MATERNAL HEALTH AN	ND LIFESTYLE
Next I'm	going to ask you some questions about your he	alth and how you have been feeling.
Maternal 1, 3, 13, 2	•	
	ight now, about how much do you weigh, withouestionnaire 2010]	out shoes? [Source: PHFE WIC Postpartum
	Pounds	[number]
Postpartu 3	m depression (Edinburgh scale)	
st cl w	ecently had a baby, we would like to know how tatements about how you might have been feeling noose the answer that comes closest to how you reek [Interviewer: read items and response option dinburgh]	ng emotionally lately, and I'd like you to have felt <u>during the past week</u> . In the past
a.	I have been able to laugh and see the fun	ny side of things
	As much as I always could	01
	Not quite so much now	
	Definitely not so much now	
	Not at all	
b.	. In the past week I have looked forward v	vith enjoyment to things
	As much as I ever did	01
	Rather less than I used to	
	Definitely less than I used to	
	Hardly at all	04
c.	In the past week I have blamed myself u	nnecessarily when things went wrong
	Yes, most of the time	01
	Yes, some of the time	

In the past week I have been anxious or worried fo	or no good reaso
No, not at all	01
Hardly ever	02
Yes, sometimes	03
Yes, very often	04
In the past week I have felt scared or panicky for i	no good reason -
Yes, quite a lot	
Yes, sometimes	
No, not much	
No, not at all	04
In the past week things have been getting on top of	f me
Yes, most of the time I haven't been able to cope at a	01
•	
Yes, sometimes i naven i been cobing as well as lisha	ıl
Yes, sometimes I haven't been coping as well as usual No. most of the time I have coped quite well.	
No, most of the time I have coped quite well No, I have been coping as well as ever	03
No, most of the time I have coped quite well	03 04
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have	03 04 we had difficulty
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time	0304 ve had difficulty01
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time	0304 ve had difficulty 0102
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time	0304 ve had difficulty010203
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time Not very often	0304 ve had difficulty010203
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time Not very often No, not at all In the past week I have felt sad or miserable Yes, most of the time	0304 ve had difficulty01020304
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time Not very often No, not at all In the past week I have felt sad or miserable Yes, most of the time Yes, some of the time Yes, some of the time	0304 ve had difficulty01020304
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time Not very often No, not at all In the past week I have felt sad or miserable Yes, most of the time Yes, some of the time Yes, some of the time	0304 ve had difficulty01020304
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time No, not at all In the past week I have felt sad or miserable Yes, most of the time Yes, some of the time	0304 ve had difficulty01020304
No, most of the time I have coped quite well No, I have been coping as well as ever In the past week I have been so unhappy that I have yes, most of the time Yes, some of the time Not very often In the past week I have felt sad or miserable Yes, most of the time Yes, some of the time Yes, some of the time Yes, some of the time Not very often	0304 ve had difficulty01020304 01020304
No, most of the time I have coped quite well	
No, most of the time I have coped quite well	
No, most of the time I have coped quite well	0304 ve had difficulty01020304 01020304 ve been crying0102

In the past week the thought of harming myself has occurred to me

j.

		Yes, quite often01
		Sometimes
		Hardly ever03 Never04
		Nevel
Now I'	'd like to	change topics and ask you some questions about work, school, and child care.
	tional sta	atus
3, 7, 13	3, 18, 24	
SD27.	As of to	oday, are you in school or college? [Source: WIC IFPS-1]
		Yes01
		No
	n t emplo y 3, 18, 24	yment status
SD29.	Are yo Survey	u currently working for pay full time, part time, or not at all? [Source: LA WIC
		Full time (35 hours or more)01
		Part time02
		Not at all03
Ask SD	30 first i	time answer to SD 27 or SD29 is 'yes' then discontinue
SD30.		ld was {CHILD} when you started going to school or working? [Source: New pment]
		Age[weeks, months]
Workp	lace acc	ommodations for pumping/expressing milk (if employed and breastfeeding)
3		
Ask on	lu if word	king (SD29 = 01 or 02), and feeding breastmilk (CF1)
	. Does y	our workplace do any of the following things to help you while you breastfeed? e: New Development]
	a.	Allow reasonable breaks for pumping?
		Yes01
		No02
		Don't Know98
	b.	Provide a reasonable place to store pumped milk?
		Yes01
		No02

	Don't Know	98
c.	Provide a private space that isn't a bathroo	om where you can pump milk
	Yes	01
	No	
	Don't Know	98
	egular non-maternal child care?	
3, 7, 13, 24 (6	once answered affirmative, stop asking for subse	quent interviews)
someone oth	w questions are about childcare. By childcare, ner than you or {CHILD'S} other parent takes to work or school.	
home, as wel	de care provided by a relative or non-relative, ell as in a childcare center or family daycare ho other parent. [Source: PHFE WIC Survey 2010 i	me. Do <u>not</u> include care provided by you or
MH18. Have	e you ever used a regular childcare arrangeme	nt for {CHILD}?
	Yes	01
	No	02
When did ch	nild first start non-maternal child care?	
	asked only if ever used is yes, then stop asking or	ce answered)
	vhat age did {CHILD} first start a regular chile elopment]	dcare arrangement? [Source: New
	Age	[months]
Current use (3, 7, 13, 24	of non-maternal child care (and what kind)	
	ch type of regular childcare arrangement are y [ILD]? [Source: PHFE WIC Survey 2011, mod	
	A child care center	
	A family daycare home	
	Early Head Start	
	Someone cares for {CHILD} in their home	
	Someone cares for {CHILD} in your home Some other kind of childcare	
	Not currently using childcare	
Contact info	for child care (to check for CACFP status)	
3, 7, 13, 24	Tor Chila care (to check for CACFP status)	

the chi	ter or family daycare or EHS from MH20) Can we get the official name and address of ildcare? We won't contact them without your permission, we just need it to for our is. [Source: New Development]
	Name
	Address
Barriers to bre 3, 7	astfeeding in child care
A I MIIOO I	
-	if mother answered indicated in CF1 that she is fully or partially breastfeeding and in is currently using child care
MH22. Do you	have problems continuing to feed {CHILD} breastmilk while he/she is in childcare? te: New Development]
	Yes01
	No02
	, Please tell me if you have any of the following problems feeding {CHILD} milk while he/she is in childcare:
a.	Lack of time
	Yes01
	No
b.	Lack of privacy at child care site
	Yes01
	No
c.	Too difficult to transport pumped milk to child care
	Yes01
	No
d.	Child care provider doesn't encourage it
	Yes01
	No
e.	Any other problem (describe)
	Yes01
	No

Human milk given by bottle, or mother comes to breastfeed at child care location? 3, 7

Ask MH27 only if mother answered indicated in CF1 that she is fully or partially breastfeeding and in MH20 that she is currently using child care

MH27.		u take pumped breast milk to the child care facility/person, or do you go there to feed your baby? [Source: New Development]
		Pumped milk 01 Go there to feed 02 Both 03
Who pr 3, 7, 13		food to child care location (provided by mother, or by facility)
	Who p	icated current child care use in MH20 provides most of the food {CHILD} eats at childcare – the child care provider, you, or food divided about equally between you and the childcare provider? [Source: PHFE Survey 2011]
		Child care provider
		Parent
		EXPERIENCE, KNOWLEDGE, ADVICE, BELIEFS
Now I'	m goin	g to ask you about your thoughts on feeding babies.
Caregiv 3, 13, 2		erstanding of infant nonverbal satiety cues and crying; toddler satiety cues.
3 month KA26.	I'm go	oing to read you some statements about when babies are hungry or full. Please tell me nuch you agree or disagree with these statements. [Source: First Steps Survey,
	a.	If a baby is crying, then he or she has to be hungry. Would you say that you:
		Strongly agree01
		Agree02 Neither agree nor disagree03
		Disagree
		Strongly disagree05
	b.	If a baby sucks his or her hand, then he or she has to be hungry. Would you say that you:
		Strongly agree01
		Agree
		Neither agree nor disagree
		Disagree
	c.	If a baby turns his/her head away from the nipple or bottle, then he or she has to be full. Would you say that you:

Finally I'm go	oing to ask you some questions about your child's health and behavior.
	CHILD HEALTH, BEHAVIOR, AND CHILD REARING
	Yes 01 No 02 Don't know 98
	your child's weight influence your decisions about how and what to feed [HIM/HER]? ce: New Development]
Perceptions of 3, 13, 24	infant/toddler size and role in feeding decisions
	Strongly agree
e.	A baby knows when he or she is full. Would you say that you:
	Strongly agree
d.	If a baby is given a bottle, the caregiver should always make sure he or she finishes it. Would you say that you:
	Neither agree nor disagree
	Strongly agree

Health status/conditions Actions to rectify health conditions 1, 3, 5, 7, 9, 11, 13, 15, 18, 24

CH2. Has the doctor told you that {CHILD} has any long-term medical problems or conditions that may affect what or how (he/she) eats? [Source: FITS 2008, modified]

(Interviewer, if necessary add) These medical problems or conditions may be things like food allergies, diabetes, metabolic disorders such as PKU or galactosemia, gastrointestinal

	condi	tions — any long-term problems that affect the baby's abil	ity to eat and swallow.
		Yes	01
		No	
		Don't Know	98
	(If yes	s) What medical problem or condition does {CHILD} have	2?
		Specify	
СНЗ.		s to health status/conditions in CH2): What are you current em? [Source: New Development] (Open-ended, Interviewer	
		Taking her/him to the doctor for treatment Treating him/her at home with medicine Treating him/her at home with something other than	
		medicine (such as herbal remedies, special teas, or other forms of treatment)	03
		Changing his/her diet	
		Other	
		Don't Know	
		Refused	99
Pacifie 3	er use/ti	iming/reasons	
СН12.	the ho	n was {CHILD} given a pacifier <u>for the first time</u> ? Would gospital after [HE/SHE] was born, in the first month after call, sometime after that first month, or has {CHILD} nevented properties.	coming home from the
		In hospital	01
		In first month after coming home from hospital	
		After first month	
		Child has never used a pacifier	
		Don't Know	
CH13.		ild has used a pacifier, CH12 = 04) Why was {CHILD} give one: [Source: New Development]	n a pacifier? Was [HE/SHE]
	a.	To stop him/her from crying	
		Yes	01
		No	
		Don't Know	
	b.	To keep him/her calm	
		Yes	01
		No	
		Don't Know	

problems such as gastric reflux, other problems like cleft palate or other mouth or facial

again for your
next
licat
don't have WIC
_
ou at for your

		Home	
		Work	
		Cell	
		Other (specify)04	
	b.	Is there another number we could try in case we have trouble reaching you?	
		Number (specify/)	
		Is that number home, work, cell, or something else?	
		Home01	
		Work02	
		Cell03	
		Other (specify)04	
change	es, so I'	keep in touch with you even if we can't get you by phone or your phone number m going to ask you about a few additional ways we might be able to contact you.	
CM4.		e email on file: We have your email address as {FILL}, is that correct?/If no email: Do eve an email address we could use to contact you if necessary?	
		Email is the same (fill below)01	
		New Email (specify below)02	
		Don't know Email	
		Refused Email	
		Email	
СМ5.	If mailing address on file: We have your current mailing address as {FILL}. Is that correct? If no mailing address on file: Can I get a mailing address we could use to contact you if necessary?		
		Address is the same (fill below)01	
		,	
		New address (specify below)	
		Refused address	
		Refused address99	
	a.	Can you please tell me what your current mailing address is?	
		Street/Apt#	
		City	
		State	
		ZIP	
	b.	(If CM3a is 97 – no phone): Earlier you indicated that you do not have a phone. Since we need to speak with you by phone we will mail you a study phone. You will receive the phone before your next interview. The package will contain instructions	

provided?

on how to use the phone. Should we mail the phone to the mailing address you just

	Address is the same (fill below)01
	New address (specify below)
	Refused address99
	Can you please provide the address where the phone should be mailed?
	Street/Apt#
	City
	State
	ZIP
СМ6.	[Social Media – will develop question when procedure is finalized]
CM7.	(If contacts on file: Earlier you provided the names and contact information for two people who would always know how to find you. Can I read that information back to you and check that it's still up to date?/If no contacts on file: Just in case we can't get in touch with you using the information you just gave me, I'd like to ask you for the names and contact information for two people who would always know how to find you.
	Person #1 (If contacts on file, read fill info and correct as needed)
	Name
	Who is this person to you?
	PhoneAddress
	Email
	Person #2 (If contacts on file, read fill info and correct as needed) Name
Ask on	ly if core sample, at the 1^{st} interview after the child is born:
СМ8.	As we mentioned when you first joined the study, we'd like to get information from the hospital where {CHILD} was born, and you gave us permission to do that. Can I please have the name of the hospital, the phone number if you have it, and the city and state where you gave birth to {CHILD}?
	Hospital name Location Phone