Form Approved OMB No. 0920-1011 Exp. Date 03/31/2017

Appendix 1. Survey Questionnaire

Public reporting burden of this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS D-74 Atlanta, Georgia 30333; ATTN: PRA (0920-1011)

Interv	viewer:	Date of Interview:
Identi	ification number:	
	roduction	
_	s interview, we will be asking you questions ab	out your pregnancy, your health, your
	s health and some things you might have beer	
	ions cover many topics and will hopefully help	
	microcephaly and other do not.	
	Current age of mother:(years)	
	Current age of baby:(circle: v Residential location:	/eeks or months)
	Residential location: Urban Suburban	Rural
	Sex of the baby: \Box Male \Box Fema	e 🛛 Ambiguous
	aternal residence and travel history	
1	How long have you lived in Paraíba?	
	Years: Months:	Don't know
2	How long have you lived at your current add	ress?
۷.	\Box <1 month \Box 1-6 months	
3.	While you were pregnant, did you live in?	
	□ Same neighborhood □ Differe	nt neighborhood but same municipality
	□ Different municipality □ Differe	
	If the mother has lived at the location less	
	t), the woman might not meet the eligibility	criteria for the investigation, verify
inclus	sion criteria	
_	_	
4.	During your pregnancy, did you travel more t	
	□ Yes □ No (skip to	C) \Box Don't know (skip to C)
F	Diagonalist travel datas and destinations:	
э.	Please list travel dates and destinations: Dates: Locations:	
	Dates: Locations: Locations:	
	Dates: Locations:	
C. Pre	egnancy information	
	What was this baby's date of birth?	
2.	What date did the doctor give you as a due o	ate for this baby's birth?
3.	In your pregnancy with this baby how many b	babies were you carrying? (a single baby,

twins, or more babies?)
Number of babies: _____

- 4. How many times have you been pregnant before this pregnancy, including pregnancies that may have ended in miscarriages, stillbirths, or other outcomes? Number of pregnancies: _____
- 5. Are there any (other) children born in your extended family with microcephaly?
 □ No □ Yes; describe who:_____

D. Illnesses during pregnancy

Now I am going to ask you some questions about any illnesses you may have had during your pregnancy.

1. From the month before you became pregnant through the end of your pregnancy, did you have an illness with any of the following symptoms? [*If yes, record week of pregnancy if possible, and month(s) of pregnancy if week is unknown*]

1 - 5 7	1		····· 1	
Fever:	🗆 No	□ Yes, when?	(weeks or	🛛 Don't know
		months)		
Rash:	🗆 No	Yes, when?	(weeks or	Don't know
		months)		
Joint pains:	🗆 No	□ Yes, when?	(weeks or	Don't know
•		months)		
Red eyes:	🗆 No	□ Yes, when?	(weeks or	Don't know
,		months)	\	

2. From the month before you became pregnant through the end of your pregnancy, did you have any of the following illnesses or infections? [*If yes, record week of pregnancy if possible, and month(s) of pregnancy if week is unknown*]

Kidney, bladder, or urinary tract infection		□ Yes, when? months)	-	Don't know
Yeast infection	□ No	□ Yes, when? months)	_ (weeks or	Don't know
Toxoplasmosis	□ No	□ Yes, when? months)	_ (weeks or	Don't know
Cytomegalovirus (CMV)	□ No	□ Yes, when? months)	_ (weeks or	□ Don't know
Rubella (German measles)	□ No	□ Yes, when? months)	_ (weeks or	□ Don't know
Herpes	□ No	□ Yes, when? months)	_ (weeks or	□ Don't know
Syphilis	□ No	□ Yes, when? months)	_ (weeks or	Don't know
Chickenpox	□ No	□ Yes, when?	_ (weeks or	Don't know

	LCMV (lymphocytic Choriomeningitis	□ No	months) □ Yes, when? months)	(weeks or	Don't know
3.	From the month before you became pregnant through the end of your pregnancy, did you have any other infections that we haven't discussed? [<i>If yes, record week of pregnancy if possible, and month(s) of pregnancy if week is unknown</i>]				
	□ No □ W	Yes (pleas /hen:	se specify): (weeks o	r months)	
4.	Have you ever be High blood pre		sed with any of the fol □ Diabetes (no during pregnan	t 🛛 🗆 Diabete	es during pregnancy
	□ Respiratory D		Disease	□ Heart [
	 Other chronic None of the al Don't know 		ndition:		
E. Me	dications				
Now I'	m going to ask yo	ou about me	edications that you ma	y have taken while	e you were
pregna	ant.				
	From the month you take any ove pregnancy if pos No	er-the-count sible, and n □ Yes	became pregnant, thr ter or prescription mec nonth(s) of pregnancy Don't know	lications? [If yes, r	ecord week of
	From the month you take any ove pregnancy if pos	er-the-count sible, and n □ Yes	ter or prescription med nonth(s) of pregnancy Don't know	lications? [If yes, r if week is unknow	record week of m]
	From the month you take any ove pregnancy if pos No	er-the-count sible, and n □ Yes	ter or prescription med month(s) of pregnancy Don't know When:	lications? [If yes, r if week is unknow	ecord week of m] _ (weeks or months)
	From the month you take any ove pregnancy if pos No	er-the-count sible, and n □ Yes	ter or prescription med month(s) of pregnancy Don't know When: When:	lications? [If yes, r if week is unknow	ecord week of [////////////////////////////////////
	From the month you take any ove pregnancy if pos No	er-the-count sible, and n □ Yes	ter or prescription med month(s) of pregnancy Don't know When: When: When: When:	lications? [If yes, r if week is unknow	<pre>[weeks of week of [] [] [] [] [] [] [] [] [] [] [] [] []</pre>
	From the month you take any ove pregnancy if pos No	er-the-count sible, and n □ Yes	ter or prescription med month(s) of pregnancy Don't know When: When: When: When:	lications? [If yes, r if week is unknow	<pre>[weeks of week of [] [] [] [] [] [] [] [] [] [] [] [] []</pre>
	From the month you take any ove pregnancy if post D No List medications: From the month you take any trac record week of p	before you ditional med	ter or prescription med month(s) of pregnancy Don't know When: When: When: When: became pregnant, thr dicine or herbal medical f possible, and month(lications? [If yes, r if week is unknow ough the end of yo ations? [If yes, spe s) of pregnancy if	(weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) our pregnancy, did
1.	From the month you take any ove pregnancy if post I No List medications:	before you ditional med regnancy if	ter or prescription med nonth(s) of pregnancy Don't know When: When: When: became pregnant, thr dicine or herbal medica f possible, and month(at medication:	lications? [If yes, r if week is unknow ough the end of yo ations? [If yes, spe s) of pregnancy if	ecord week of [(weeks or months)] (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) our pregnancy, did ecify medication and week is unknown]
1.	From the month you take any ove pregnancy if post D No List medications: From the month you take any trac record week of p	before you ditional med regnancy if Wha Whe	ter or prescription med month(s) of pregnancy Don't know When: When: When: became pregnant, thr dicine or herbal medica <i>f possible, and month(</i> at medication: at medication:	lications? [If yes, r if week is unknow ough the end of yo ations? [If yes, spe s) of pregnancy if (weeks or m	(weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) our pregnancy, did ecify medication and week is unknown]
1.	From the month you take any ove pregnancy if post No List medications: From the month you take any trac record week of p No Yes	before you ditional med regnancy if Wha Wha Wha Wha	ter or prescription med nonth(s) of pregnancy Don't know When: When: When: became pregnant, thr dicine or herbal medicat possible, and month(at medication: en:	lications? [<i>If yes, r</i> <i>if week is unknow</i> ough the end of yo ations? [<i>If yes, spe</i> s) of pregnancy if (weeks or m	(weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) our pregnancy, did ecify medication and week is unknown]
1.	From the month you take any ove pregnancy if post □ No List medications: 	er-the-count sible, and r □ Yes before you ditional med regnancy if Wha Wha Wha Wha Wha	ter or prescription med month(s) of pregnancy Don't know When: When: When: became pregnant, thr dicine or herbal medica <i>f possible, and month(</i> at medication: at medication:	lications? [<i>If yes, r</i> <i>if week is unknow</i> ough the end of yc ations? [<i>If yes, spe</i> s) <i>of pregnancy if</i> (weeks or m (weeks or m	(weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) (weeks or months) our pregnancy, did ecify medication and week is unknown]

yo W	ou take any mult /eek of pregnanc	ivitamins, y if possit	became pregnant, through the end of you prenatal vitamins, or folic acid supplement ple, and month(s) of pregnancy if week is a (weeks or months)	nts? [If yes, record unknown]		
F. Smok	ing and alcoho	l exposu	res			
			rette and alcohol use.			
		•	became pregnant through the end of you	r pregnancy did		
		•	pregnancy if possible, and month(s) of pre			
-	nknown]:	weekor		ignalloy il week is		
	moke	□ No	□ Yes			
	igarettes			or monthe)		
	iyaielles					
			How many per day:	-		
a	ny member of yo	our housel		r pregnancy, did		
	moke	□ No				
CI	igarettes		Inside the house: I No I Yes			
			When: (weeks	or months)		
			How many per day:	-		
	moke shisha	□ No	□ Yes			
O	r hookah		Inside the house: \Box No \Box Yes			
			When: (weeks	or months)		
			How much per day:	_		
di pi E	 How much per day:					
	onmental expo					
	• •	about oth	ner things you might have been exposed to	o during your		
pregnan	су.					
1. W	/hat is your main	source o	f drinking water during your pregnancy?			
	□ A faucet/tap					
] A well		Bottled water/filte	er		
	A river or pond		Cistern or tank			
] Other source: _		Don't know			
	-					
2. D	o you do anythir	ng to filter	or clean your drinking water?			
] No	-	□ Yes, how?	Don't know		
3. H	low much time di	id you spe	end outdoors each day during your pregna	incy?		

	□ <1 hour		□ 1-4 hours	\Box 5-8 hours \Box >8 hours			
4.	Did you keeµ □ Yes	o windows	and doors open	during the day when you were pregnant?			
5.	Did your windows and doors have screens covering them? □ Yes □ No □ Don't know						
6.	Did you wear insect repellent when outside while you were pregnant? □ All the time □ Never						
7.	possible, and	d month(s) of pregnancy if	sed to [<i>If yes, record week of pregnancy if week is unknown</i>]:			
	Insecticide	□ No	Don't know	 Yes, Name of insecticide: When: (weeks or months) How often? Daily/Weekly/Monthly/<5 times 			
	Rodenticid es	□ No	Don't know	 Yes, Name of rodenticides: When: (weeks or months) How often? Daily/Weekly/Monthly/<5 times 			
	Fertilizers	□ No	Don't know	 Yes, Name of fertilizer: When: (weeks or months) How often? Daily/Weekly/Monthly/<5 times 			
	Fumigants	□ No	Don't know	□ Yes, Name of fumigant: When: (weeks or months) How often? Daily/Weekly/Monthly/<5 times			
	sessment of						
Now I	• •	ow would	ome questions al you describe you ☐ Fair ☐ Poor	oout your baby's health. Ir baby's health?			

	explain:			
2.	Since your baby v Seizures Fever Hearing problems Vision problems Other condition If other, describe:	5	had any of the followin No No No No No No	ng? □ Yes □ Yes □ Yes □ Yes □ Yes
I. Add	litional demograp	hic and household c	characteristics	
			ons about you and you	r family.
	How would you de	escribe your race? □ Black	□ Mulatto □ Other (please sp	
2.	What was the hig time this baby wa No formal scho 1-6 years 7-8 years 9-11 years 12 years	s born?	□ 1-3 years uni □ Completed te □ 4 years unive □ Master's deg	echnical college ersity (bachelors)
3.		se include income fro 9	gnant, how much incor m all members in your □ R\$3,000-R\$6 □ > R\$7,000 □ Do not know	
4.	How many people Number:	• were supported by t -	his income, including a	dults and children?
		and sample collecti		
provid contrib the rea	ling us some blood bution to this impor ason why so many	to see if your baby or tant investigation will	with microcephaly in B	h Zika virus. Your efforts to better understand
2.	Was a blood sam	ple taken from the infa	ant?	

Yes	
Yes	