

ATTACHMENT C: Initial Telephone Interview

Hello, [respondent name], my name is _____ and I am from the Puerto Rico Department of Health OR the Centers for Disease Control and Prevention.

I am calling you because I am partnering with WIC to evaluate different services that have been offered to pregnant women in order to help them protect themselves and their babies from Zika. Would you be willing to talk with me for a few minutes (less than 20 minutes) about what you are doing and what offers of assistance you might have received in the past few months? It will help us know whether we can do a better job of helping you.

No

Yes, [*If yes, are you over 18 years of age*]

Are you currently pregnant?

No (end call)

Yes (continue)

A. Introduction for Interview

Great! Thank you for your willingness to share your opinions with me. Your opinions will help us improve the types of services we can offer pregnant women, like yourself. I have just a few questions that will take less than 20 minutes. If we get disconnected, I will call you back.

Before I begin I want to go over a couple of items:

- This interview is voluntary. You can decline to answer any question and you can end our conversation at any time
- There are no right or wrong answers. I am interested in your opinion. If you don't understand the question, feel free to let me know and I can ask it another way. This is not a test, so feel free to say you don't know or don't have an opinion to offer and "I don't know" is a perfectly acceptable response to any question I ask you.

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- The information you provide today will not be shared with anyone except those involved in this project. It's important to know that the questions I'm about to ask you will not affect your eligibility for WIC services in any way. Our reports will include the responses of ALL the women who talk with us so that you can provide honest answers without worrying that your answers will hurt you in any way. Your answers cannot be linked back to you.
- Do you have any questions before we begin?

1. What have you heard about Zika? *(Do not read, tick all mentioned)*

Pregnant women should try not to get it
 It causes microcephaly or brain defects in babies
 People get it from mosquitoes, so should avoid getting bitten
 It can be transmitted by sex from a man to a woman
 People in Puerto Rico are getting infected with Zika – the virus is here
 Most people who have it, don't know it
 It causes fever, rash, and conjunctivitis
 There is no treatment for Zika
 There is no vaccine for Zika
 It can be life-threatening – can cause paralysis, GBS
 Other, please specify:
 Refused

2. In the past month, how often have you and your family members and friends talked about Zika?

Not at all
 Only once or twice
 Sometimes
 Often
 Every day
 Refused

3. How concerned are you about Zika virus for yourself and your baby?

Not at all concerned
 Slightly concerned
 Somewhat concerned
 Moderately concerned
 Extremely concerned
 Refused

4. In your opinion, how likely do you think it is that you will be infected with Zika virus during your pregnancy (or while you are pregnant)?

Extremely unlikely
 Unlikely
 Neutral - Neither unlikely nor likely

Likely
Extremely likely
Refused

What makes you think you are [insert their rating] to get infected with Zika virus during your pregnancy (or while you are pregnant)?

5. How confident are you in your ability to protect yourself from getting infected with Zika virus during your pregnancy?

Not confident at all
Somewhat unconfident
Neutral - Neither unconfident nor confident
Confident
Very confident
Refused

What makes you [insert response] in your ability to protect yourself against Zika?
(Open-ended response)

6. What actions have you taken to protect yourself from getting infected with the Zika virus since you found out you were pregnant? (*Do not read, tick all mentioned*)

Used mosquito net at night
Used mosquito net during the day
Used mosquito repellent or spray on your body
Worn clothes that cover my arms and legs
Used mosquito coil/light fires to keep mosquitoes away
Used a condom/had my partner use a condom in all sexual relations
Abstained from sexual intercourse
Cleaned/scrubbed water source/storage unit/water container(s)
Put cover(s) over the water source/storage unit/water container(s)
Removed accumulated water
Sprayed or fumigated inside my home
Sprayed or fumigated outside of my home
Used larvicides (like mosquito dunks)
Put screens on windows and doors
Cleaned household environment
Drank clean water
Washed I clean water
Prayed to God
No answer
Other, please specify: _____
Refused

7. Have you made any changes to your routine since learning more about Zika virus and the risk to your pregnancy?

Yes, what? (Capture verbatim responses)

No, why? (Capture verbatim responses)
Refused

Communication/WIC Education/CDC Foundation campaign exposures

8. Are you seeing, hearing, or reading messages about how to prevent Zika?

Yes

Where are you hearing messages on how to prevent Zika? (*Do not read, tick all mentioned*)

- Doctor
- WIC
- Family & friends
- Community meetings/gatherings
- TV public service announcements
- TV news
- Radio news
- Printed news (newspapers)
- Posters
- Billboards
- Internet or world wide web
- Social media
 - Facebook
 - Twitter
 - Instagram
- Other, please specify: _____

No
Refused

9. Have you attended an educational session at WIC that provided information about Zika?

Yes
No
Don't know/not sure
Refused

10. Have you received educational materials (handouts, written information) about Zika from WIC?

Yes
No
Don't know/not sure
Refused

11. In the past month, do you remember seeing, hearing, or reading any TV, radio, newspaper, or online advertising about [a FAKE campaign name]?

Yes

No
Don't know/not sure
Refused

12. In the past month, do you remember seeing, hearing, or reading any TV, radio, newspaper, or online advertising about [CDC Foundation campaign name]?

Yes
No
Don't know/Not sure
Refused

13. Now, I am going to describe an ad you may or may not have seen on TV. You may or may not have seen the following ad because it is NOT running in all parts of Puerto Rico. But in the past month, have you happened to have seen an ad that shows [INSERT ad description of CDC Foundation campaign].

Yes
No
Don't know/Not sure
Refused

14. Now I'm going to read a list of a few [INSERT type of communication, e.g., website, slogan, or program] names you may or may not have heard about. Which of the following [INSERT type of communication, e.g., website, slogan, or program] have you heard about? [REPEAT as necessary for other types of communication]

Yes
No
Don't know/Not sure
Refused

Questions about Zika Prevention Kits

15. Have you heard about Zika Prevention Kits?

Yes, what have you heard? (Capture verbatim response. If there description closely resembles the description below, then go directly to question 16.

No (Read statement below and proceed to question 16)
Refused

READ: *The Zika Prevention Kit is a tote bag that contains educational information from the Puerto Rico Health Department and the Centers for Disease Control and Prevention about how to prevent Zika infection while you are pregnant along with items that could help prevent Zika virus infection. Items in the kit include: a mosquito bed net, mosquito repellent, condoms, and some include mosquito dunks (larvicide) and thermometers.*

16. Do you know where you can get a Zika Prevention Kit that is free (or that does not cost you anything)?

Yes

No

Refused

17. Have you been offered a Zika Prevention Kit? [or Has anyone called you/contacted you to offer you a Zika Prevention Kit for free?]

Yes

From who or what organization?

WIC

My doctor

Other

No

Refused

18. Have you received a Zika Prevention Kit

Yes

Who gave you your Zika Prevention Kit

WIC

My doctor

Other

No, skip to question 33

Refused

19. What color was the tote bag?

White

Blue

Green

Other, please specify:

Refused

20. Have you opened your Zika Prevention Kit?

Yes

a. What did the information in the kit say you need to do? (Probe for use repellents, use bed net, use condoms, etc.)

b. What items were included in the kit? (*Do not read, tick all mentioned*)

Repellent

Bed net

Mosquito dunks

Condom(s)

Thermometer

Educational materials

Other, please specify:

No, why not?

Refused

21. Of the items in your Zika Prevention Kit, which one is the most important to you? (mark stated item as ranked 1st) Which is the next most important? (mark stated item as ranked 2nd) Which is the next most important? (mark stated item as ranked 3rd) Which is the least important to you? (mark stated item as ranked least important)

Item	Importance of item (ranking)				
	Ranked 1 st	Ranked 2 nd	Ranked 3 rd	Least important	Participant did not list this item in their kit
Repellent					
Bed net					
Mosquito dunks					
Condoms					
Thermometer					
Educational materials					
Other, specified					
Refused					

I am going to read you some statements and after I read the statement, I would like to know if you agree or disagree with the statement.

22. I knew immediately how to use all of the items in the Zika Prevention Kit that I received. Would you say that you (strongly disagree, disagree, neither disagree or agree, agree, and strongly agree) with the statement.

Strongly disagree

Disagree

Neither disagree nor agree

Agree

Strongly agree

Refused

23. The instructions that came with the Zika Prevention Kit made it easy to know what to do with all of the items in the Zika Prevention Kit. Would you say that you (strongly disagree, disagree, neither disagree or agree, agree, and strongly agree) with the statement.

- Strongly disagree
- Disagree
- Neither disagree nor agree
- Agree
- Strongly agree
- Refused

24. Now I know how to use all the items in the Zika Prevention Kit. Would you say that you (strongly disagree, disagree, neither disagree or agree, agree, and strongly agree) with the statement.

- Strongly disagree
- Disagree
- Neither disagree nor agree
- Agree
- Strongly agree
- Refused

25. I have been able to use all the contents of the Zika Prevention Kit as suggested. Would you say that you (strongly disagree, disagree, neither disagree or agree, agree, and strongly agree) with the statement.

- Strongly disagree
- Disagree
- Neither disagree nor agree
- Agree
- Strongly agree
- Refused

26. The Zika Prevention Kit helped me understand the importance of not getting Zika during my pregnancy. Would you say that you (strongly disagree, disagree, neither disagree or agree, agree, and strongly agree) with the statement.

- Strongly disagree
- Disagree
- Neither disagree nor agree
- Agree
- Strongly agree
- Refused

Some of the items in the kit may be items that you already had in your house and used. Others may be items that you didn't have or have never used before.

27. BEFORE receiving the kit, when you were pregnant, how often did you use each of the following the items?

How often were you using these items BEFORE receiving the	Never or Almost	Seldom or Rarely	Sometimes	Often	Usually or most of the	Always or Almost	Refused

kit?	Never				time	always	
a. Insect repellent							
b. Condoms							
c. Mosquito dunks for treating accumulated water							
d. Bed net							

28. **AFTER** receiving the kit, how often did you use the types of items?

How often are you using these items AFTER receiving the kit?	Never or Almost Never	Seldom or Rarely	Sometimes	Often	Usually or most of the time	Always or Almost always	Refused
a. Insect repellent							
b. Condoms							
c. Mosquito dunks for treating accumulated water							
d. Bed net							

29. Have you **used up** any of the items that were included in the Zika prevention kit? (or have you needed to replace any items that came in the kit?) Which items?

Yes, which items

Repellent

Condoms

Mosquito dunks (or other larvicide)

Mosquito bed net

No

Don't know/not sure

Refused

30. Have you purchased any items to replace the items in the kit that you used up (or needed to replace)?

Yes, which items

Repellent

Condoms

Mosquito dunks (or other larvicide)

Mosquito bed net

No, why not?

Do not have money to buy

Items are too expensive (too costly)

Am embarrassed to buy (e.g., condoms)

Do not feel I need them (they don't offer protection)

Other, please specify:

Don't know/not sure

Refused

31. Was there any information in the Zika Prevention kit that was unclear or confusing to you?

Yes, What? [Capture verbatim responses]

No

Don't know/not sure

Refused

32. If you got to say what items should go into a Zika Prevention Kit to help pregnant women in Puerto Rico to protect themselves from getting infected with Zika, what items would you put in the kit?

I would include the same items that are there now

I don't know

I would include more (a current item) _____

I would add.... (new items)

I would do something else entirely (specify)

Don't know/not sure

Refused

For any items that are not currently included in the Zika Prevention Kit, ask them why they would put the particular item in the kit? What protection do they think it offers?

33. In your opinion, how important is it to provide Zika Prevention Kits to pregnant women in Puerto Rico?

Not at all important

Slightly important

Neutral (not important but not unimportant)

Somewhat important

Very important

Don't know/not sure

Refused

Questions about insecticide services for pregnant women

34. Have you heard about spraying insecticides inside or outside of homes to protect against mosquitos that carry Zika?

Yes, what have you heard? (Capture verbatim text. If there description closely resembles the description below, then go directly to question 35.

No (Read statement below and proceed to question 35)

Don't know/not sure
Refused

READ: *Indoor residual spraying (IRS) is when specially trained professionals spray insecticide inside of the home in and on the places that mosquitoes like to rest – usually dark and moist places. Examples of places are under tables, behind furniture, under beds and cabinets with sinks, and by dirty laundry. The spraying can be done anytime during the day and usually will kill mosquitoes for about three months. IRS is most effective when most houses in a neighborhood have their homes sprayed.*

35. Have you been offered spraying services for your home? [or Has anyone called you/contacted you to offer you spraying services for free?]

Yes

From who or what organization?

WIC

Department of Health

Other

No (skip to question 38)

Don't know/not sure

Refused

36. When services were offered to you, did you want them?

Yes, why (*Do not read, tick all mentioned*)

Wanted to have fewer mosquitoes in my home

They were free

Want less chance of getting bitten

Don't want to get Zika

Because my neighbors don't remove accumulated water

Other, please specify:

No, why not (*Do not read, tick all mentioned*)

Don't want chemicals sprayed in my home

I have young children in my home

I have a sick family member

My home does not need spraying (have screens or air conditioning)

My neighbors do a good job of removing accumulated water

Other, please specify:

Don't know/not sure

Refused

37. Has an appointment been made for you to receive insecticide spraying in your home? (or has your home been scheduled to receive spraying services?)

Yes

No

Don't know/not sure

Refused

38. Have you received spraying services at your home? (or has your home been sprayed already?)

- Yes
- No
- Don't know/not sure
- Refused

39. In your opinion, how important is it to offer insecticide spraying services to pregnant women in Puerto Rico?

- Not at all important
- Slightly important
- Neutral (not important but not unimportant)
- Somewhat important
- Very important
- Don't know/not sure
- Refused

Questions about mosquitoes in their environment (environmental stimuli)

40. During the day, how often are you bothered by mosquitoes biting you

- Never
- Rarely
- Sometimes
- Often
- Always
- Don't Know/not sure
- Refused

41. During the evening (for example during dinner), how often are you bothered by mosquitoes biting you

- Never
- Rarely
- Sometimes
- Often
- Always
- Don't Know/not sure
- Refused

42. During the night (while you are trying to sleep), how often are you bothered by mosquitoes biting you

- Never
- Rarely
- Sometimes
- Often
- Always
- Don't Know/not sure
- Refused

43. Where do you spend most of your day on weekdays?
- In my home
 - Inside at work
 - Outside at work
 - Outside someone else's home
 - Inside someone else's home
 - Equal time inside and outside
 - Other:
44. Do you have any air conditioning in your home?
- No, none
 - Yes in one room, used at night
 - Yes, in one room used all the time
 - Yes in more than one room
45. Do you spend a lot of time each week in a place that has air-conditioning?
- No
 - Yes
 - Don't know/not sure
 - Refused
46. Does the home where you live have any screens (*escrienes, tela metalico, tela mosquitero*) on windows that open?
- Not on any windows
 - On some windows
 - On all windows
 - Don't know/not sure
 - Refused
47. How about screens on the doors that open?
- None on the doors
 - On some doors
 - On all doors
 - Don't know/not sure
 - Refused
48. Do you currently rent or own your home?
- Own
 - Rent
 - Occupy without paying rent (live with family or friend)
 - Live in public housing
 - Other, please specify:
 - Refused
49. In what zipcode do you live?
- Please specify: _____ -- _____

Questions about Risk Perception of Zika

50. Do you personally know anyone who has been diagnosed or told that they have Zika infection?
(Read the options)

- No one I know at all
- Sort of, people I don't know well but whom I know have been diagnosed
- Yes I know people who have been diagnosed with Zika
- Yes, I have a close friend or relative who has been diagnosed
- Don't know/not sure
- Refused

51. Do you personally know anyone who has been diagnosed or told she has Zika infection while pregnant? (Read the options)

- No one I know at all
- Sort of, people I don't know well but whom I know have been diagnosed
- Yes I know people who have been diagnosed with Zika
- Yes, I have a close friend or relative who has been diagnosed
- Don't know/not sure
- Refused

52. Have you ever had a Zika test?

- Yes
- No
- Don't know/not sure
- Refused

53. When you were tested, were you ever told the results of your test?

- Yes
- No
- Don't know/not sure
- Refused

54. How long did you have to wait to be told the results of your Zika test?

- Less than two weeks
- Between two weeks and a month
- Over a month but less than two months
- Over two months but less than three months
- Over three months
- Never was told the results of my Zika tes
- Other, please specify:
- Don't know/not sure
- Refused

Their opinion about what is needed and how to reach pregnant women

55. What do you think is needed or that needs to happen in order to protect pregnant women from getting infected with the Zika virus? [capture verbatim responses]

56. In your opinion, what is the best way to reach pregnant women, like yourself, with information about Zika? [capture verbatim responses]

Request to call them back

Can I call you again next month to ask you a few questions about the actions you and the community are taking to protect against Zika?

No

Yes

Is the phone number I used to reach you today, the best number to reach you at?

- i. Yes
- ii. No, what number should I call? [*Write down phone number*]
- iii. What is the best time of the day to call you back?
 - Weekday morning?
 - Weekday afternoon?
 - Weekday evening?
 - Weekend morning?
 - Weekend afternoon?
 - Weekend evening?

Thank you so much for your participation.