Additional file 1: Cognitive	interview questionnaire: Adapted rep	roduction section of woman's questionnaire – DHS VIII, English	<u>sh</u>
Interviewer name	Respondent ID	Interview date: / /	
(DD/M	1M/YY)		
Time interview started: :			

Section A – interview questions from DHS

Original question	Response	Probes (Pre-set & by	Respondent's answer after	Interviewer's comment	Suggested revision
	categories	interviewer)	probe	(on verbal & non-verbal behavior)	
201. Now I would like to ask about all the births	Yes	Can you repeat the question in your own			
you have had during your	No (If no, skip to	words?			
life. Have you ever given birth?	206)	 Any other probe by interviewer 			
202. Do you have any sons or daughters to whom you have given birth who are now living with you?	Yes No (If no, skip to 204)	 What does this question mean to you? Any other probe by interviewer 			
204. Do you have any sons or daughters to whom you have given birth who are alive but do not live with you?	Yes No (If no, skip to 206)	 What does this question mean to you? Any other probe by interviewer 			
206. Have you ever given birth to a boy or girl who was born alive but later died? IF NO, PROBE: Any baby who cried, who made any	Yes No (If no, skip to 209 to calculate total births)	 Can you repeat the question in your own words? How easy or difficult did you find this question to answer? Why do you say that? 			

			Г	
movement, sound, or		 Any other probe by 		
effort to breathe, or who		interviewer		
showed		(e.g. I noticed you hesitated		
any other signs of life		before you answered – what		
even if for a very short		were you thinking about?)		
time?				
207.		How easy or difficult did	 	
a) How many boys have	a) Boys dead	you find this question to		
died?		answer? Why do you say		
b) And how many girls		that?		
have died?	b) Girls	Were you comfortable		
	dead	answering this question?		
IF NONE, RECORD '00'.		Why or why not?		
		Any other probe by		
		interviewer		
209. Just to make sure				
that I have this right: you				
have had in TOTAL				
births during your life. Is				
that correct?				
210. Women sometimes		Can you repeat the		
have a pregnancy that	Yes	question in your own		
does not result in a live		words?		
birth. For example, a	No (If no, skip to	What does miscarriage		
pregnancy can end in a	214)	mean to you?		
miscarriage, an abortion,		What does abortion		
or the child can be born		mean to you?		
dead. Have you ever had		What does it mean to		
a pregnancy that did not		you when I say a child		
end in a live birth?		can be born dead?		
		How easy or difficult did		
		you find this question to		
		, sa ilila cilis quescioti to		

	array 2 Mby do you go
	answer? Why do you say
	that?
	Any other probe by
	interviewer
	Can you repeat the
Pregnancy	question in your own
losses	words?
	How easy or difficult did
	you find this question to
	answer? Why do you say
	that?
	Were you comfortable
	answering this question?
	Why or why not?
	Any other probe by
	interviewer
	What does this question
	mean to you?
	Was this hard or easy?
	Why do you say so?
	Any other probe by
	interviewer
	(e.g. I noticed you hesitated
	before you answered – what
	were you thinking about?)
Yes	How sure of your answer
No	are you?
Unsure	How easy or difficult did
(If No or Unsure,	you find this question to
end the interview)	answer? Why do you say
	that?
	Yes No Unsure (If No or Unsure,

		 Were you comfortable answering this question? Why or why not? How would you say that question yourself? Any other probe by interviewer (e.g. I noticed you hesitated before you answered – what were you thinking about?) 	
233. How many weeks or months pregnant are you?	Weeks	 How sure of your answer are you? How did you arrive at that answer? Was it easy or difficult to answer this question? Why do you say that? How would you say that question yourself? Any other probe by interviewer 	

Thank subject for her time and end the interview

Time interview ended	:		:	
		ı		

B. Other areas for the interviewer to fill in after interview

Please describe any other problems you observed during the interview

- Where respondent had difficulty answering a question
- Were they hesitant over some questions?