FORMATTING DATE: 30 Jun 2016 ENGLISH LANGUAGE: 14 Mar 2016

# MALARIA INDICATOR SURVEY MODEL WOMAN'S QUESTIONNAIRE

[NAME OF COUNTRY] [NAME OF ORGANIZATION]

		IDENTIFICAT	ION (1)		
PLACE NAME					
NAME OF HOUSEHOLD	HEAD				
CLUSTER NUMBER					
HOUSEHOLD NUMBER					
NAME AND LINE NUMB	BER OF WOMAN				
		INTERVIEWER			
	1	2	3	FINAL \	/ISIT
DATE				DAY MONTH	
INTERVIEWER'S NAME RESULT*				YEAR INT. NO. RESULT*	
NEXT VISIT: DATE				TOTAL NUMBER OF VISITS	
2 N	*RESULT CODES: 1 COMPLETED 4 REFUSED 2 NOT AT HOME 5 PARTLY COMPLETED 7 OTHER 3 POSTPONED 6 INCAPACITATED SPECIFY				
LANGUAGE OF QUESTIONNAIRE**	1 LANGUA		NATIVE LANGUAGE OF RESPONDENT**	TRANSLAT (YES =	OR USED 1, NO = 2)
LANGUAGE OF QUESTIONNAIRE** ENGLISH  **LANGUAGE CODES:  01 ENGLISH  03 LANGUAGE 3  05 LANGUAGE 5  02 LANGUAGE 2  04 LANGUAGE 4  06 LANGUAGE 6					
SUPERV	/ISOR	FIELC	DEDITOR	OFFICE EDITOR	KEYED BY
NAME	NUMBER	NAME	NUMBER	NUMBER	NUMBER

Note: Brackets [] indicate items that should be adapted on a country-specific basis.

## INTRODUCTION AND CONSENT

survey a househo will not b answer the next In case househo	about malaria all over [NAME OF COUNTRY]. The information old was selected for the survey. The questions usually take above shared with anyone other than members of our survey tean the questions since your views are important. If I ask you any question or you can stop the interview at any time.  You need more information about the survey, you may contact	am working with [NAME OF ORGANIZATION]. We are conduct whe collect will help the government to plan health services. You to 10 to 20 minutes. All of the answers you give will be confiden. You don't have to be in the survey, but we hope you will agrequestion you don't want to answer, just let me know and I will go the person listed on the card that has already been given to you	our ential and e to o on to
SIGNA	ATURE OF INTERVIEWER	DATE	
	RESPONDENT AGREES  TO BE INTERVIEWED 1	RESPONDENT DOES NOT AGREE TO BE INTERVIEWED 2 —	→ END
NO.	SECTION 1. RESPON QUESTIONS AND FILTERS	NDENT'S BACKGROUND  CODING CATEGORIES	SKIP
101	RECORD THE TIME.	HOURS	O, til
102	In what month and year were you born?	MONTH 98  VEAR 9998  DON'T KNOW YEAR 9998	
103	How old were you at your last birthday?  COMPARE AND CORRECT 102 AND/OR 103 IF INCONSISTENT.	AGE IN COMPLETED YEARS	
104	Have you ever attended school?	YES	→ 108
105 (2)	What is the highest level of school you attended: primary, secondary, or higher?	PRIMARY       1         SECONDARY       2         HIGHER       3	

## SECTION 1. RESPONDENT'S BACKGROUND

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	
106 (2)	What is the highest [GRADE/FORM/YEAR] you completed at that level?  IF COMPLETED LESS THAN ONE YEAR AT THAT LEVEL, RECORD '00'.	[GRADE/FORM/YEAR]	
107	CHECK 105:  PRIMARY OR SECONDARY	HIGHER	<del>&gt;</del> 109
108 (3)	Now I would like you to read this sentence to me.  SHOW CARD TO RESPONDENT.  IF RESPONDENT CANNOT READ WHOLE SENTENCE, PROBE: Can you read any part of the sentence to me?	CANNOT READ AT ALL       1         ABLE TO READ ONLY PART OF       1         THE SENTENCE       2         ABLE TO READ WHOLE SENTENCE       3         NO CARD WITH REQUIRED       4         LANGUAGE       (SPECIFY LANGUAGE)         BLIND/VISUALLY IMPAIRED       5	

## SECTION 1. RESPONDENT'S BACKGROUND

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
109	COUNTRY-SPECIFIC QUESTION ON RELIGION, IF APPROPRIATE.		
110	COUNTRY-SPECIFIC QUESTION ON ETHNICITY, IF APPROPRIATE.		
111	In the past six months, have you seen or heard any messages about malaria?	YES	<del>→</del> 201
112	Have you seen or heard these messages:  a) On the radio? b) On the television? c) On a poster or billboard? d) From a community health worker? e) At a community event? f) Anywhere else?	YES NO   RADIO	

## SECTION 2. REPRODUCTION

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
201	Now I would like to ask about all the births you have had during your life. Have you ever given birth?	YES	→ 206
202	Do you have any sons or daughters to whom you have given birth who are now living with you?	YES	→ 204
203	a) How many sons live with you? b) And how many daughters live with you? IF NONE, RECORD '00'.	a) SONS AT HOME	
204	Do you have any sons or daughters to whom you have given birth who are alive but do not live with you?	YES	→ 206
205	a) How many sons are alive but do not live with you? b) And how many daughters are alive but do not live with you? IF NONE, RECORD '00'.	a) SONS ELSEWHERE b) DAUGHTERS ELSEWHERE	
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 movement, sound, or effort to breathe, or who showed any other signs of life even if for a very short time?	YES	→ 208
207	a) How many boys have died? b) And how many girls have died? IF NONE, RECORD '00'.	a) BOYS DEADb) GIRLS DEAD	
208	SUM ANSWERS TO 203, 205, AND 207, AND ENTER TOTAL. IF NONE, RECORD '00'.	TOTAL BIRTHS	
209		TAL births during your life. Is that correct?  NO PROBE AND RRECT 201-208  S NECESSARY.	
210	CHECK 208:  ONE OR MORE BIRTHS	NO BIRTHS	→ 225
211	Now I'd like to ask you about your more recent births. How many births have you had in 2011-2016? RECORD NUMBER OF LIVE BIRTHS IN 2011-2016	TOTAL IN 2011-2016	→ 225

#### **SECTION 2. REPRODUCTION**

212 Now I would like to record the names of all your births in 2011-2016, whether still alive or not, starting with the most recent one you RECORD IN 213 THE NAMES OF ALL THE BIRTHS BORN IN 2011-2016. RECORD TWINS AND TRIPLETS ON SEPARATE ROWS. IF THERE ARE MORE THAN 5 BIRTHS, USE AN ADDITIONAL QUESTIONNAIRE STARTING WITH THE SECOND ROW. 213 214 215 216 217 218 219 220 221 IF ALIVE: IF ALIVE: IF ALIVE: On what day, What name Is (NAME) Were any Is (NAME) How old Is (NAME) RECORD Were there of these month, and year still alive? living with HOUSEHOLD any other was given to a boy or a was (NAME) at your (most girl? births was (NAME) you? LINE NUMBER live births twins? born? (NAME)'s OF CHILD. between recent/ previous) last RECORD '00' (NAME) and baby? birthday? IF CHILD NOT (NAME OF LISTED IN **PREVIOUS** HOUSEHOLD. BIRTH), including any children RECORD who died RECORD after birth? NAME. AGE IN BIRTH COMP-HISTORY **LETED** NUMBER. YEARS. 01 AGE IN HOUSEHOLD DAY LINE NUMBER BOY YES **YEARS** YES 1 SING 1 1 1 MONTH **GIRL** MULT 2 NO NO 2 2 2 (NEXT (NEXT BIRTH) YEAR BIRTH) 02 AGE IN **HOUSEHOLD** YES DAY LINE NUMBER (ADD BOY 1 SING 1 YES 1 YEARS YES 1 BIRTH) NO MONTH **GIRL** 2 MULT 2 NO 2 (SKIP TO NO (NEXT ← 221) BIRTH) YEAR AGE IN HOUSEHOLD 03 YES DAY BOY SING YES 1 **YEARS** YES LINE NUMBER , טרי BIRTH) (ADD 1 1 NO MONTH **GIRL** 2 MULT 2 NO 2 (SKIP TO NO 221) (NEXT BIRTH) YEAR AGF IN HOUSEHOLD 04 YES DAY BOY SING 1 YES 1 YEARS YES LINE NUMBER (ADD 1 رد. ) BIRTH) 1 NO MONTH GIRL MULT 2 NO 2 2 (SKIP TO NO .... 2 (NEXT 221) YFAR BIRTH) AGE IN HOUSEHOLD 05 YES DAY YEARS LINE NUMBER BOY 1 SING 1 YES 1 YES 1 (אריי BIRTH) (ADD NO MONTH 2 **GIRL** MULT NO 2 2 (SKIP TO NO ..... 2 221) (NEXT YEAR BIRTH)

## SECTION 2. REPRODUCTION

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
222	Have you had any live births since the birth of (NAME OF MOST RECENT BIRTH)?"	YES	
223	COMPARE 211 WITH NUMBER OF BIRTHS IN BIRTH HIS NUMBERS ARE SAME	NUMBERS ARE DIFFERENT (PROBE AND RECONCILE)	
224 (4)	CHECK 216: ENTER THE NUMBER OF BIRTHS IN 2011-2016	NUMBER OF BIRTHS 0	
225	Are you pregnant now?	YES       1         NO       2         UNSURE       8	]→ 227
226	How many months pregnant are you?  RECORD NUMBER OF COMPLETED MONTHS.	MONTHS	
227 (4)	CHECK 224:  ONE OR MORE BIRTHS  IN 2011-2016  (GO TO 301)  ✓	NO BIRTHS IN 2011-2016  Q. 224 IS BLANK	→ 428 → 428

## SECTION 3. PREGNANCY AND INTERMITTENT PREVENTIVE TREATMENT

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
301	RECORD THE NAME AND SURVIVAL STATUS OF THE MOST RECENT BIRTH FROM 213 AND 217,	NAME LIVING DEAD DEAD	
302	Now I would like to ask you some questions about your last pregnancy that resulted in a live birth.  When you got pregnant with (NAME), did you see anyone for antenatal care for this pregnancy?	YES	→ 304
303 (5)	Whom did you see? Anyone else? PROBE TO IDENTIFY EACH TYPE OF PERSON AND RECORD ALL MENTIONED.	HEALTH PERSONNEL  DOCTOR A NURSE/MIDWIFE B AUXILIARY MIDWIFE C  OTHER PERSON  TRADITIONAL BIRTH ATTENDANT D COMMUNITY/VILLAGE HEALTH WORKER E  OTHER X  (SPECIFY)	
304	During this pregnancy, did you take SP/Fansidar to keep you from getting malaria?	YES 1 NO 2 DON'T KNOW 8	]→ 307
305	How many times did you take SP/Fansidar during this pregnancy?	TIMES	
306	Did you get the SP/Fansidar during any antenatal care visit, during another visit to a health facility or from another source?  IF MORE THAN ONE SOURCE, RECORD THE HIGHEST SOURCE ON THE LIST.	ANTENATAL VISIT	
307 (4)	CHECK 216 AND 217:  ONE OR MORE LIVING CHILDREN BORN IN 2011-2016  (GO TO 401)	NO LIVING CHILDREN BORN IN 2011-2016	→ 429

	401 (4)	CHECK 213: RECORD THE BIRTH HISTORY NUMBER IN 402 AND THE NAME AND SURVIVAL STATUS IN 403 FOR EACH BIRTH IN 2011-2016. ASK THE QUESTIONS ABOUT ALL OF THESE BIRTHS. BEGIN WITH THE MOST RECENT BIRTH. IF THERE ARE MORE THAN 2 BIRTHS, USE ADDITIONAL QUESTIONNAIRE(S).		
		Now I would like to ask some questions abouseparately.)	t the health of your children born since Janu	ary 2011. (We will talk about each
	402	BIRTH HISTORY NUMBER FROM 213 IN BIRTH HISTORY.	MOST RECENT BIRTH BIRTH HISTORY NUMBER	NEXT MOST RECENT BIRTH BIRTH HISTORY NUMBER
	403	FROM 213 AND 217:	NAME	NAME
			LIVING DEAD (SKIP TO 428)	LIVING DEAD (SKIP TO 428)
	404	Has (NAME) been ill with a fever at any time in the last 2 weeks?	YES	YES
	405	At any time during the illness, did (NAME) have blood taken from (NAME)'s finger or heel for testing?	YES	YES
_	406	Did you seek advice or treatment for the illness from any source?	YES	YES
	407 (5)	Where did you seek advice or treatment?  Anywhere else?  PROBE TO IDENTIFY THE TYPE OF SOURCE.  IF UNABLE TO DETERMINE IF PUBLIC OR PRIVATE SECTOR, WRITE THE NAME OF THE PLACE(S).  (NAME OF PLACE)	PUBLIC SECTOR  GOVERNMENT HOSPITAL . A  GOVERNMENT HEALTH CENTER . B  GOVERNMENT HEALTH POST . C  MOBILE CLINIC . D FIELDWORKER/CHW . E OTHER PUBLIC SECTOR  PRIVATE MEDICAL SECTOR  PRIVATE HOSPITAL/ CLINIC . G PHARMACY . H PRIVATE DOCTOR . I MOBILE CLINIC . J FIELDWORKER/CHW . K OTHER PRIVATE MEDICAL SECTOR	PUBLIC SECTOR  GOVERNMENT HOSPITAL A  GOVERNMENT HEALTH CENTER B  GOVERNMENT HEALTH POST C  MOBILE CLINIC D FIELDWORKER/CHW E OTHER PUBLIC SECTOR  PRIVATE MEDICAL SECTOR  PRIVATE HOSPITAL/ CLINIC G PHARMACY H PRIVATE DOCTOR I MOBILE CLINIC J FIELDWORKER/CHW K OTHER PRIVATE MEDICAL SECTOR
			Care   Care	Cartain   Cart
			· · · · · · · · · · · · · · · · · · ·	

		MOST RECENT BIRTH	NEXT MOST RECENT BIRTH
NO.	QUESTIONS AND FILTERS	NAME	NAME
408	CHECK 407:	TWO OR ONLY MORE ONE CODES CODE CIRCLED CIRCLED (SKIP TO 410)	TWO OR ONLY MORE ONE CODES CODES CODE CIRCLED CIRCLED (SKIP TO 410)
409	Where did you first seek advice or treatment?  USE LETTER CODE FROM 407	FIRST PLACE	FIRST PLACE
410	How many days after the illness began did you first seek advice or treatment for (NAME)? IF THE SAME DAY RECORD '00'.	DAYS	DAYS
411	At any time during the illness, did (NAME) take any drugs for the illness?	YES	YES
412 (6)	What drugs did (NAME) take? Any other drugs? RECORD ALL MENTIONED.	ANTIMALARIAL DRUGS  ARTEMISININ  COMBINATION  THERAPY (ACT)  A SP/FANSIDAR  B CHLOROQUINE  C AMODIAQUINE  PILLS  PILLS  E INJECTION/IV  ARTESUNATE  RECTAL  G INJECTION/IV  OTHER ANTIMALARIAL   (SPECIFY)  ANTIBIOTIC DRUGS  PILL/SYRUP  INJECTION/IV  K  OTHER DRUGS  ASPIRIN  ACETAMINOPHEN  M  IBUPROFEN  N  OTHER  X  (SPECIFY)  DON'T KNOW  Z	ANTIMALARIAL DRUGS  ARTEMISININ  COMBINATION  THERAPY (ACT) A  SP/FANSIDAR B CHLOROQUINE C AMODIAQUINE D QUININE PILLS E INJECTION/IV F ARTESUNATE RECTAL G INJECTION/IV H  OTHER ANTIMALARIAL  I (SPECIFY)  ANTIBIOTIC DRUGS PILL/SYRUP J INJECTION/IV K  OTHER DRUGS ASPIRIN L ACETAMINOPHEN M IBUPROFEN N  OTHER X  (SPECIFY)  DON'T KNOW Z
413	CHECK 412: ANY CODE A-I CIRCLED?	YES NO (SKIP TO 428)	YES NO ☐ (SKIP TO 428) ←

		MOST RECENT BIRTH	NEXT MOST RECENT BIRTH
NO.	QUESTIONS AND FILTERS	NAME	NAME
414	CHECK 412: ARTEMISININ COMBINATION THERAPY ('A') GIVEN	CODE 'A' CODE 'A' NOT CIRCLED (SKIP TO 416)	CODE 'A' CIRCLED  CIRCLED  CIRCLED  (SKIP TO 416)
415	How long after the fever started did (NAME) first take an artemisinin combination therapy?	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS       3         AFTER FEVER       3         DON'T KNOW       8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8
416	CHECK 412: SP/FANSIDAR ('B') GIVEN	CODE 'B' CIRCLED NOT CIRCLED (SKIP TO 418)	CODE 'B' CODE 'B' CIRCLED NOT ☐ CIRCLED (SKIP TO 418) ←
417	How long after the fever started did (NAME) first take SP/Fansidar?	SAME DAY 0 NEXT DAY 1 TWO DAYS AFTER FEVER 2 THREE OR MORE DAYS AFTER FEVER 3 DON'T KNOW 8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8
418	CHECK 412: CHLOROQUINE ('C') GIVEN	CODE 'C' CODE 'C' NOT CIRCLED (SKIP TO 420)	CODE 'C' CODE 'C' NOT CIRCLED (SKIP TO 420) ←
419	How long after the fever started did (NAME) first take chloroquine?	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8
420	CHECK 412: AMODIAQUINE ('D') GIVEN	CODE 'D' CODE 'D' NOT CIRCLED (SKIP TO 422)	CODE 'D' CODE 'D' NOT CIRCLED (SKIP TO 422) ←
421	How long after the fever started did (NAME) first take amodiaquine?	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS       3         AFTER FEVER       3         DON'T KNOW       8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS       AFTER FEVER       3         DON'T KNOW       8

		MOST RECENT BIRTH	NEXT MOST RECENT BIRTH
NO.	QUESTIONS AND FILTERS	NAME	NAME
422	CHECK 412: QUININE ('E' OR 'F') GIVEN	CODE CODE 'E' OR 'F' 'E' OR 'F' CIRCLED NOT CIRCLED (SKIP TO 424)	CODE CODE 'E' OR 'F' 'E' OR 'F' CIRCLED NOT CIRCLED (SKIP TO 424)
423	How long after the fever started did (NAME) first take quinine?	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS       3         AFTER FEVER       3         DON'T KNOW       8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8
424	CHECK 412: ARTESUNATE ('G' OR 'H') GIVEN	CODE CODE 'G' OR 'H' 'G' OR 'H' CIRCLED NOT CIRCLED (SKIP TO 426)	CODE CODE 'G' OR 'H' 'G' OR 'H' CIRCLED NOT CIRCLED (SKIP TO 426)
425	How long after the fever started did (NAME) first take artesunate?	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8
426	CHECK 412: OTHER ANTIMALARIAL ('I') GIVEN	CODE 'I' CIRCLED NOT CIRCLED (SKIP TO 428)	CODE 'I' CIRCLED NOT CIRCLED (SKIP TO 428)  CODE 'I' CIRCLED (SKIP TO 428)
427	How long after the fever started did (NAME) first take (OTHER ANTIMALARIAL)?	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS       3         AFTER FEVER       3         DON'T KNOW       8	SAME DAY       0         NEXT DAY       1         TWO DAYS AFTER       2         FEVER       2         THREE OR MORE DAYS         AFTER FEVER       3         DON'T KNOW       8
428		GO BACK TO 403 IN NEXT COLUMN; OR, IF NO MORE BIRTHS, GO TO 429.	GO TO 403 IN FIRST COLUMN OF NEW QUESTIONNAIRE; OR, IF NO MORE BIRTHS, GO TO 429.
429	RECORD THE TIME.	HOURS	

## INTERVIEWER'S OBSERVATIONS

## TO BE FILLED IN AFTER COMPLETING INTERVIEW

COMMENTS ABOUT INTERVIEW:
COMMENTS ON SPECIFIC QUESTIONS:
ANY OTHER COMMENTS:
SUPERVISOR'S OBSERVATIONS
EDITOR'S OBSERVATIONS

#### Women's Questionnaire: NOTES

- (1) This section should be adapted for country-specific survey design.
- (2) Revise according to the local education system.
- (3) Each card should have four simple sentences appropriate to the country (e.g., "Parents love their children.", "Farming is hard work.", "T child is reading a book.", "Children work hard at school."). Cards should be prepared for every language in which respondents are likely to literate.
- (4) Year of fieldwork is assumed to be 2016. For fieldwork beginning in 2017, all references to calendar years should be increased by one; for example, 2011 should be changed to 2012, 2012 should be changed to 2013, and similarly for all years throughout the questionnaire.
- (5) Coding categories to be developed locally; however, the broad categories must be maintained. Additions to the codes under the private medical sector heading may include religious affiliated sources and NGO sources.
- (6) Coding categories to be developed locally and revised based on the pretest. All antimalarials commonly used in the country should be included in the response categories. Common brand names of drugs, such as Bayer, Tylenol or Paracetamol, should be added to the response categories for aspirin, acetaminophen, or ibuprofen as appropriate.