MALARIA INDICATOR SURVEY MODEL HOUSEHOLD QUESTIONNAIRE

[NAME OF COUNTRY] [NAME OF ORGANIZATION]

		IDENTIFICATION (1)			
PLACE NAME					
	NAME OF HOUSEHOLD HEAD				
CLUSTER NUMBER					
HOUSEHOLD NUMBER					
HOUSENGED NOMBER					
		INTERVIEWER VISITS	3		
	1	2	3	FINAL VISIT	
DATE				DAY MONTH YEAR	
INTERVIEWER'S NAME RESULT*				INT. NUMBER RESULT	
NEXT VISIT: DATE				TOTAL NUMBER OF VISITS	
AT HOM	USEHOLD MEMBER AT H ME AT TIME OF VISIT	HOME OR NO COMPETE		TOTAL PERSONS IN HOUSEHOLD	
4 POSTP 5 REFUS 6 DWELL	ONED ED ING VACANT OR ADDRE	FOR EXTENDED PERIOD	OF TIME	TOTAL ELIGIBLE WOMEN	
	ING DESTROYED ING NOT FOUND	(SPECIFY)		LINE NO. OF RESPONDENT TO HOUSEHOLD QUESTIONNAIRE	
SUPERVI	SOR	OFFICE ED	ITOR T	KEYED BY	
NAME		0.7.102.25]		

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INTRODUCTION AND CONSENT

Hello. My name is	I am working with (NAME OF ORGANIZATION). We are conducting a
survey about malaria all over (NAME OF COUNTRY). The	information we collect will help the government to plan health services. Your
household was selected for the survey. I would like to ask y	ou some questions about your household. The questions usually take about 15 to
20 minutes. All of the answers you give will be confidential	and will not be shared with anyone other than members of our survey team. You
don't have to be in the survey, but we hope you will agree to	o answer the questions since your views are important. If I ask you any question
	to the next question or you can stop the interview at any time.
In case you need more information about the survey, you make the survey, you make the survey of the	nay contact the person listed on this card.
CIVE CARD WITH CONTACT INFORMATION	
GIVE CARD WITH CONTACT INFORMATION	
Do you have any questions?	
May I begin the interview now?	
.,	
SIGNATURE OF INTERVIEWER:	DATE:
RESPONDENT AGREES TO BE INTERVIEWED 1	RESPONDENT DOES NOT AGREE TO BE INTERVIEWED $2 \rightarrow END$

HOUSEHOLD SCHEDULE

LINE NO.	USUAL RESIDENTS AND VISITORS	RELATIONSHIP TO HEAD OF HOUSEHOLD	SEX	RESID	DENCE	AGE	WOMEN AGE 15-49	CHILDREN AGE 0-5
1	2	3	4	5	6	7	8	9
	Please give me the names of the persons who usually live in your household and guests of the household who stayed here last night, starting with the head of the household. AFTER LISTING THE NAMES AND RECORDING THE RELATIONSHIP AND SEX FOR EACH PERSON, ASK QUESTIONS 2A-2C TO BE SURE THAT THE LISTING IS COMPLETE. THEN ASK APPROPRIATE QUESTIONS IN COLUMNS 5-9 FOR EACH PERSON.	What is the relationship of (NAME) to the head of the household? SEE CODES BELOW.	Is (NAME) male or female?	Does (NAME) usually live here?	Did (NAME) stay here last night?	How old is (NAME)? IF 95 OR MORE, RECORD '95'.	CIRCLE LINE NUMBER OF ALL WOMEN AGE 15-49	CIRCLE LINE NUMBER OF ALL CHILDREN AGE 0-5
01			M F 1 2	Y N 1 2	Y N 1 2	IN YEARS	01	01
02			1 2	1 2	1 2		02	02
03			1 2	1 2	1 2		03	03
04			1 2	1 2	1 2		04	04
05			1 2	1 2	1 2		05	05
06			1 2	1 2	1 2		06	06
07			1 2	1 2	1 2		07	07
08			1 2	1 2	1 2		08	08
09			1 2	1 2	1 2		09	09
10			1 2	1 2	1 2		10	10

CODES FOR Q. 3: RELATIONSHIP TO HEAD OF HOUSEHOLD

 01 = HEAD
 08 = BROTHER OR SISTER

 02 = WIFE OR HUSBAND
 09 = OTHER RELATIVE

 03 = SON OR DAUGHTER
 10 = ADOPTED/FOSTER/

 04 = SON-IN-LAW OR
 STEPCHILD

 DAUGHTER-IN-LAW
 11 = NOT RELATED

 05 = GRANDCHILD
 98 = DON'T KNOW

 06 = PARENT

07 = PARENT-IN-LAW

LINE NO.	USUAL RESIDENTS AND VISITORS	RELATIONSHIP TO HEAD OF HOUSEHOLD	SEX	RESID	DENCE	AGE	WOMEN AGE 15-49	CHILDREN AGE 0-5
1	2	3	4	5	6	7	8	9
	Please give me the names of the persons who usually live in your household and guests of the household who stayed here last night, starting with the head of the household. AFTER LISTING THE NAMES AND RECORDING THE RELATIONSHIP AND SEX FOR EACH PERSON, ASK QUESTIONS 2A-2C TO BE SURE THAT THE LISTING IS COMPLETE. THEN ASK APPROPRIATE QUESTIONS IN COLUMNS 5-9 FOR EACH PERSON.	What is the relationship of (NAME) to the head of the household? SEE CODES BELOW.	Is (NAME) male or female?	Does (NAME) usually live here?	Did (NAME) stay here last night?	How old is (NAME)? IF 95 OR MORE, RECORD '95'.	CIRCLE LINE NUMBER OF ALL WOMEN AGE 15-49	CIRCLE LINE NUMBER OF ALL CHILDREN AGE 0-5
11			M F 1 2	Y N 1 2	Y N 1 2	IN YEARS	11	11
12			1 2	1 2	1 2		12	12
13			1 2	1 2	1 2		13	13
14			1 2	1 2	1 2		14	14
15			1 2	1 2	1 2		15	15
16			1 2	1 2	1 2		16	16
17			1 2	1 2	1 2		17	17
18			1 2	1 2	1 2		18	18
19			1 2	1 2	1 2		19	19
20			1 2	1 2	1 2		20	20

2A) Just to make sure that I have a complete listing: are there any other persons such as small children or infants that we have not listed?

ADD TO YES TABLE

2B) Are there any other people who may not be members of your family, such as domestic servants, lodgers, or friends who usually live $% \left\{ 1,2,\ldots,n\right\}$ here?

ADD TO

NO

NO

2C) Are there any guests or temporary visitors staying here, or anyone else who stayed here last night, who have not been listed?

YES TABLE NO

ADD TO YES TABLE

CODES FOR Q. 3: RELATIONSHIP TO HEAD OF HOUSEHOLD

01 = HEAD 02 = WIFE OR HUSBAND 03 = SON OR DAUGHTER 04 = SON-IN-LAW OR DAUGHTER-IN-LAW

08 = BROTHER OR SISTER

09 = OTHER RELATIVE 10 = ADOPTED/FOSTER/ STEPCHILD

05 = GRANDCHILD

11 = NOT RELATED 98 = DON'T KNOW

06 = PARENT07 = PARENT-IN-LAW

HOUSEHOLD CHARACTERISTICS

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
101	What is the main source of drinking water for members of your household?	PIPED WATER 11 PIPED INTO DWELLING 11 PIPED TO YARD/PLOT 12 PUBLIC TAP/STANDPIPE 13 TUBE WELL OR BOREHOLE 21 DUG WELL 31 PROTECTED WELL 32 WATER FROM SPRING 41 UNPROTECTED SPRING 41 UNPROTECTED SPRING 42 RAINWATER 51 TANKER TRUCK 61 CART WITH SMALL TANK 71 SURFACE WATER (RIVER/DAM/ LAKE/POND/STREAM/CANAL/ IRRIGATION CHANNEL) 81 BOTTLED WATER 91 OTHER 96 (SPECIFY)	→ 104
		(SPECIFY)	
102	Where is that water source located?	IN OWN DWELLING 1 IN OWN YARD/PLOT 2 ELSEWHERE 3	104
103	How long does it take to go there, get water, and come back?	MINUTES 998	
104	What kind of toilet facility do members of your household usually use? (2)	FLUSH OR POUR FLUSH TOILET FLUSH TO PIPED SEWER SYSTEM 11 FLUSH TO SEPTIC TANK 12 FLUSH TO PIT LATRINE 13 FLUSH TO SOMEWHERE ELSE 14 FLUSH, DON'T KNOW WHERE 15 PIT LATRINE 21 VENTILATED IMPROVED 21 PIT LATRINE 21 PIT LATRINE WITH SLAB 22 PIT LATRINE WITHOUT SLAB/ OPEN PIT OPEN PIT 23 COMPOSTING TOILET 31 BUCKET TOILET 41 HANGING TOILET/HANGING 51 NO FACILITY/BUSH/FIELD 61 OTHER 96 (SPECIFY)	→ 107
105	Do you share this toilet facility with other households?	YES	→ 107
106	How many households use this toilet facility?	NO. OF HOUSEHOLDS IF LESS THAN 10	
		10 OR MORE HOUSEHOLDS 95 DON'T KNOW 98	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
107	Does your household have: (3) Electricity? A radio? A television? A mobile telephone? A non-mobile telephone? A refrigerator? [ADD ADDITIONAL ITEMS. SEE FOOTNOTE 3.]	YES NO ELECTRICITY 1 2 RADIO 1 2 TELEVISION 1 2 MOBILE TELEPHONE 1 2 NON-MOBILE TELEPHONE 1 2 REFRIGERATOR 1 2	
108	What type of fuel does your household mainly use for cooking?	ELECTRICITY 01 LPG 02 NATURAL GAS 03 BIOGAS 04 KEROSENE 05 COAL, LIGNITE 06 CHARCOAL 07 WOOD 08 STRAW/SHRUBS/GRASS 09 AGRICULTURAL CROP 10 ANIMAL DUNG 11 NO FOOD COOKED IN HOUSEHOLD IN HOUSEHOLD 95	
		OTHER 96 (SPECIFY)	
109	MAIN MATERIAL OF THE FLOOR. (2) RECORD OBSERVATION.	NATURAL FLOOR EARTH/SAND 11 DUNG 12 RUDIMENTARY FLOOR 12 WOOD PLANKS 21 PALM/BAMBOO 22 FINISHED FLOOR 22 PARQUET OR POLISHED 31 VINYL OR ASPHALT STRIPS 32 CERAMIC TILES 33 CEMENT 34 CARPET 35 OTHER 96 (SPECIFY)	
110	MAIN MATERIAL OF THE ROOF. (2) RECORD OBSERVATION.	NATURAL ROOFING NO ROOF	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
111	MAIN MATERIAL OF THE EXTERIOR WALLS. (2) RECORD OBSERVATION.	NATURAL WALLS NO WALLS 11 CANE/PALM/TRUNKS 12 DIRT 13 RUDIMENTARY WALLS 12 BAMBOO WITH MUD 21 STONE WITH MUD 22 UNCOVERED ADOBE 23 PLYWOOD 24 CARDBOARD 25 REUSED WOOD 26 FINISHED WALLS 26 CEMENT 31 STONE WITH LIME/CEMENT 32 BRICKS 33 CEMENT BLOCKS 34 COVERED ADOBE 35 WOOD PLANKS/SHINGLES 36 OTHER 96 (SPECIFY)	
112	How many rooms in this household are used for sleeping?	ROOMS	
113	Does any member of this household own: A watch? A bicycle? A motorcycle or motor scooter? An animal-drawn cart? A car or truck? A boat with a motor?	WATCH 1 2 BICYCLE 1 2 MOTORCYCLE/SCOOTER 1 2 ANIMAL-DRAWN CART 1 2 CAR/TRUCK 1 2 BOAT WITH MOTOR 1 2	
114	Does any member of this household own any agricultural land?	YES	→ 116
115	How many hectares of agricultural land do members of this household own? IF 95 OR MORE, CIRCLE '950'.	HECTARES	
116	Does this household own any livestock, herds, other farm animals, or poultry?	YES	→ 118
117	How many of the following animals does this household own? (4) IF NONE, ENTER '00'. IF 95 OR MORE, ENTER '95'. IF UNKNOWN, ENTER '98'. Cattle? Milk cows or bulls? Horses, donkeys, or mules? Goats? Sheep? Chickens?	CATTLE	

NO.	QUESTIONS AND FILTERS	CODING CATEGORIES	SKIP
118	Does any member of this household have a bank account?	YES	
119 (5)	At any time in the past 12 months, has anyone come into your dwelling to spray the interior walls against mosquitoes?	YES 1 NO 2 DON'T KNOW 8	121
120 (5)	Who sprayed the dwelling?	GOVERNMENT WORKER/PROGRAM A PRIVATE COMPANY B NONGOVERNMENTAL C ORGANIZATION (NGO) C OTHER X (SPECIFY) DON'T KNOW Z	
121	Does your household have any mosquito nets that can be used while sleeping?	YES	→ 201
122	How many mosquito nets does your household have? IF 7 OR MORE NETS, RECORD '7'.	NUMBER OF NETS	

		NET #1	NET #2	NET #3
123	ASK THE RESPONDENT TO SHOW YOU ALL THE NETS IN THE HOUSEHOLD			
	IF MORE THAN 3 NETS, USE ADDITIONAL QUESTIONNAIRE(S).	OBSERVED 1 NOT OBSERVED 2	OBSERVED 1 NOT OBSERVED 2	OBSERVED 1 NOT OBSERVED 2
124	How many months ago did your household get the mosquito net?	MONTHS 1	MONTHS 1	MONTHS 1
	IF LESS THAN ONE MONTH AGO, RECORD '00'. IF 36 MONTHS OR LESS, RECORD MONTHS.	YEARS 2 NOT SURE998	YEARS 2 NOT SURE998	YEARS 2 NOT SURE998
	IF MORE THAN 36 MONTHS, RECORD YEARS.	NOT SURE990	NOT SURE990	NOT SURE990
125	OBSERVE OR ASK THE BRAND/ TYPE OF MOSQUITO NET. IF BRAND IS UNKNOWN AND YOU CANNOT OBSERVE THE NET, SHOW PICTURES OF TYPICAL NET TYPES/BRANDS TO RESPONDENT.	LONG-LASTING INSECTICIDE- TREATED NET (LLIN) BRAND A 11 BRAND B 12- OTHER/ DK BRAND 16- (SKIP TO 128)	LONG-LASTING INSECTICIDE- TREATED NET (LLIN) BRAND A 11 BRAND B 12 OTHER/ DK BRAND 16 (SKIP TO 128) OTHER BRAND 96 DK BRAND 98	LONG-LASTING INSECTICIDE- TREATED NET (LLIN) BRAND A 11 BRAND B 12 OTHER/ DK BRAND 16 (SKIP TO 128) OTHER BRAND 96 DK BRAND 98
126	Since you got the net, was it ever soaked or dipped in a liquid to kill or repel mosquitoes?	YES	YES	YES
127	How many months ago was the net last soaked or dipped? IF LESS THAN ONE MONTH AGO, RECORD '00'.	MONTHS AGO MORE THAN 24 MONTHS AGO 95 NOT SURE 98	MONTHS AGO MORE THAN 24 MONTHS AGO 95 NOT SURE 98	MONTHS AGO MORE THAN 24 MONTHS AGO 95 NOT SURE 98
128	Did anyone sleep under this mosquito net last night?	YES	YES	YES

		NET #1	NET #2	NET #3
129	Who slept under this mosquito net last night? RECORD THE PERSON'S NAME AND LINE NUMBER FROM THE HOUSEHOLD SCHEDULE.	NAME LINE NO NAME LINE NO NAME	NAME LINE NO NAME LINE NO NAME	NAME LINE NO NAME LINE NO NAME
		LINE NO	LINE NO	NO
		NAME	NAME	NAME
		LINE NO	LINE NO	LINE NO
130		GO BACK TO 123 FOR NEXT NET; OR, IF NO MORE NETS, GO TO 201.	GO BACK TO 123 FOR NEXT NET; OR, IF NO MORE NETS, GO TO 201.	GO TO 123 IN FIRST COLUMN OF A NEW QUESTIONNAIRE; OR, IF NO MORE NETS, GO TO 201.

HEMOGLOBIN MEASUREMENT AND MALARIA TESTING FOR CHILDREN AGE 0-5 YEARS

201	CHECK COLUMN 9 IN HOUSEHOLD SCHEDULE. RECORD THE LINE NUMBER AND NAME FOR ALL ELIGIBLE CHILDREN 0-5 YEARS IN QUESTION 202. IF MORE THAN SIX CHILDREN, USE ADDITIONAL QUESTIONNAIRE(S).				
		CHILD 1	CHILD 2	CHILD 3	
202	LINE NUMBER FROM COLUMN 9	LINE NUMBER	LINE NUMBER	LINE NUMBER	
	NAME FROM COLUMN 2	NAME	NAME	NAME	
203	IF MOTHER INTERVIEWED, COPY MONTH AND YEAR OF BIRTH FROM BIRTH HISTORY AND ASK DAY; IF MOTHER NOT INTERVIEWED, ASK: What is (NAME)'s birth date?	MONTH	MONTH	MONTH	
204	CHECK 203: CHILD BORN IN JANUARY 2008 (6) OR LATER?	YES	YES	YES	
205	CHECK 203: IS CHILD AGE 0-5 MONTHS, I.E., WAS CHILD BORN IN MONTH OF INTERVIEW OR FIVE PREVIOUS MONTHS?	0-5 MONTHS	0-5 MONTHS	0-5 MONTHS	
206	LINE NUMBER OF PARENT/ OTHER ADULT RESPONSIBLE FOR THE CHILD (FROM COLUMN 1 OF HOUSEHOLD SCHEDULE). RECORD '00' IF NOT LISTED.	LINE NUMBER	LINE NUMBER	LINE NUMBER	
207	ASK CONSENT FOR ANEMIA TEST FROM PARENT/OTHER ADULT IDENTIFIED IN 206 AS RESPONSIBLE FOR CHILD.	As part of this survey, we are asking children all over the country to take an anemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia. We ask that all children born in 2008 (6) or later take part in anemia testing in this survey and give a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test The blood will be tested for anemia immediately, and the result will be told to you right away. The result will be kept strictly confidential and will not be shared with anyone other than members of our survey team. Do you have any questions? You can say yes to the test, or you can say no. It is up to you to decide.			
208	CIRCLE THE APPROPRIATE CODE AND SIGN YOUR NAME.	GRANTED 1 (SIGN) REFUSED 2 NOT PRESENT 5 OTHER 6	GRANTED	GRANTED 1 (SIGN) REFUSED 2 NOT PRESENT 5 OTHER 6	
209	ASK CONSENT FOR MALARIA TEST FROM PARENT/OTHER ADULT IDENTIFIED IN 206 AS RESPONSIBLE FOR CHILD.	As part of this survey, we are asking that children all over the country take a test to see if they have malaria. Malaria is a serious illness caused by a parasite transmitted by a mosquito bite. This survey will help the government to develop programs to prevent malaria. We ask that all children born in 2008 (6) or later take part in malaria testing in this survey and give a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test. (We will use blood from the same finger or heel prick made for the anemia test). One blood drop will be tested for malaria immediately, and the result will be told to you right away. A few blood drops will be collected on a slide(s) and taken to a laboratory for testing. You will not be told the results of the laboratory testing. All results will be kept strictly confidential and will not be shared with anyone other than members of our survey team. Do you have any questions? You can say yes to the test, or you can say no. It is up to you to decide. Will you allow (NAME OF CHILD) to participate in the malaria testing?			
210	CIRCLE THE APPROPRIATE CODE AND SIGN YOUR NAME.	GRANTED 1 (SIGN) REFUSED 2 NOT PRESENT 5 OTHER 6	GRANTED 1 (SIGN) ← REFUSED 2 NOT PRESEN1 5 OTHER 6	GRANTED	

		CHILD 1	CHILD 2	CHILD 3
	NAME FROM COLUMN 2	NAME	NAME	NAME
211	PREPARE EQUIPMENT AND SUPPL WITH THE TEST(S).	IES ONLY FOR THE TEST(S) FO	R WHICH CONSENT HAS BEEN	OBTAINED AND PROCEED
212	BAR CODE LABEL FOR MALARIA TEST (7).	PUT THE 1ST BAR CODE LABEL HERE.	PUT THE 1ST BAR CODE LABEL HERE.	PUT THE 1ST BAR CODE LABEL HERE.
		NOT PRESENT 99994 REFUSED 99995 OTHER 99996	NOT PRESENT 99994 REFUSED 99995 OTHER 99996	NOT PRESENT 99994 REFUSED 99995 OTHER 99996
		PUT THE 2ND BAR CODE LABEL ON THE SLIDE AND THE 3RD ON THE TRANSMITTAL FORM.	PUT THE 2ND BAR CODE LABEL ON THE SLIDE AND THE 3RD ON THE TRANSMITTAL FORM.	PUT THE 2ND BAR CODE LABEL ON THE SLIDE AND THE 3RD ON THE TRANSMITTAL FORM.
213	RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANEMIA AND MALARIA BROCHURE (8).	G/DL	G/DL	G/DL
		REFUSED	REFUSED 995 OTHER 996	REFUSED
214	RECORD RESULT CODE OF THE MALARIA RDT.	TESTED 1 NOT PRESENT 2 REFUSED 3 OTHER 6- (SKIP TO 216)	TESTED 1 NOT PRESENT 2 REFUSED 3 OTHER 6 (SKIP TO 216)	TESTED 1 NOT PRESENT 2 REFUSED 3 OTHER 6- (SKIP TO 216)
215	RECORD THE RESULT OF THE MALARIA RDT HERE AND IN THE ANEMIA AND MALARIA BROCHURE.	POSITIVE	POSITIVE	POSITIVE
216	CHECK 213: HEMOGLOBIN RESULT	BELOW 8.0 G/DL,	BELOW 8.0 G/DL, SEVERE ANEMIA 1 8.0 G/DL OR ABOVE 2 7 NOT PRESENT 4 7 REFUSED 5 0 OTHER 6 7 (SKIP TO 229)	BELOW 8.0 G/DL,
217	SEVERE ANEMIA REFERRAL STATEMENT	The anemia test shows that (NAI be taken to a health facility imme SKIP TO 229	ME OF CHILD) has severe anemia diately.	. Your child is very ill and must
218	Does (NAME) suffer from the any of following illnesses or symptoms (9) :			
	Extreme weakness? Heart problems? Loss of consciousness?	EXTREME WEAKNESS A HEART PROBLEMS B LOSS OF CONSCIOUSNESS C	EXTREME WEAKNESS A HEART PROBLEMS B LOSS OF CONSCIOUSNESS C	EXTREME WEAKNESS A HEART PROBLEMS B LOSS OF CONSCIOUSNESS C
	Rapid or difficult breathing? Seizures? Abnormal bleeding? Jaundice or yellow skin? Dark urine?	RAPID BREATHING D SEIZURES E BLEEDING F JAUNDICE G DARK URINE H	RAPID BREATHING D SEIZURES E BLEEDING F JAUNDICE G DARK URINE H	RAPID BREATHING D SEIZURES E BLEEDING F JAUNDICE G DARK URINE H
	IF NONE OF THE ABOVE SYMPTOMS, CIRCLE CODE Y	NONE OF ABOVE SYMPTOMS Y	NONE OF ABOVE SYMPTOMS Y	NONE OF ABOVE SYMPTOMS Y
219	CHECK 218: ANY CODE A-H CIRCLED?	ONLY CODE Y CIRCLED	ONLY CODE Y CIRCLED	ONLY CODE Y CIRCLED

		CHILD 1	CHILD 2	CHILD 3		
	NAME FROM COLUMN 2	NAME	NAME	NAME		
220	CHECK 213: HEMOGLOBIN RESULT	BELOW 8.0 G/DL, SEVERE ANEMIA 1 (SKIP TO 222) 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6	BELOW 8.0 G/DL, SEVERE ANEMIA 1 (SKIP TO 222) 4 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6	BELOW 8.0 G/DL, SEVERE ANEMIA 1 (SKIP TO 222) 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6		
221	In the past two weeks has (NAME) taken or is taking [FIRST LINE MEDICATION] (10) given by a doctor or health center to treat the malaria? VERIFY BY ASKING TO SEE TREATMENT.	YES	YES	YES		
222	SEVERE MALARIA REFERRAL STATEMENT	The malaria test shows that (NAME OF CHILD) has malaria. Your child also has symptoms of severe malaria. The malaria treatment I have will not help your child, and I cannot give you the medication. Your child is very ill and must be taken to a health facility right away. SKIP TO 228				
223	ALREADY TAKING [FIRST LINE MEDICATION] REFERRAL STATEMENT (10)	You have told me that (NAME OF CHILD) has already received [FIRST LINE MEDICATION] for malaria. Therefore, I cannot give you additional [FIRST LINE MEDICATION]. However, the test shows that he/she has malaria. If your child has a fever for two days after the last dose of [FIRST LINE MEDICATION], you should take the child to the nearest health facility for further examination.				
		SKIP TO 228				
224	READ INFORMATION FOR MALARIA TREATMENT AND CONSENT STATEMENT TO PARENT OR OTHER ADULT RESPONSIBLE FOR THE CHILD.	The malaria test shows that your child has malaria. We can give you free medicine. The medicine is called [FIRST LINE MEDICATION]. [FIRST LINE MEDICATION] is very effective and in a few days it should get rid of the fever and other symptoms. You do not have to give the child the medicine. This is up to you. Please tell me whether you accept the medicine or not.				
225	CIRCLE THE APPROPRIATE CODE AND SIGN YOUR NAME.	ACCEPTED MEDICINE 1 (SIGN) REFUSED	ACCEPTED MEDICINE 1 (SIGN) REFUSED	ACCEPTED MEDICINE 1 (SIGN) REFUSED		
226	CHECK 225: MEDICATION ACCEPTED	ACCEPTED MEDICINE 1 REFUSED 2 ¬ OTHER 6 ¬	ACCEPTED MEDICINE 1 REFUSED 2 ¬ OTHER 6 ¬	ACCEPTED MEDICINE 1 REFUSED 2 - OTHER 6 -		
227	TREATMENT FOR CHILDREN	(SKIP TO 228) ← (SKIP TO 228)				
	WITH POSITIVE MALARIA TESTS					
228	RECORD THE RESULT CODE OF MALARIA TREATMENT OR REFERRAL.	MEDICATION GIVEN 1 MEDS REFUSED 2 SEVERE MALARIA REFERRAL 3 ALREADY TAKING ACTS REFERRAL 4	MEDICATION GIVEN 1 MEDS REFUSED 2 SEVERE MALARIA REFERRAL 3 ALREADY TAKING ACTS REFERRAL 4	MEDICATION GIVEN 1 MEDS REFUSED 2 SEVERE MALARIA REFERRAL 3 ALREADY TAKING ACTS REFERRAL 4		

		CHILD 4	CHILD 5	CHILD 6
202	LINE NUMBER FROM COLUMN 9	LINE NUMBER	LINE NUMBER	LINE NUMBER
	NAME FROM COLUMN 2	NAME	NAME	NAME
203	IF MOTHER INTERVIEWED, COPY MONTH AND YEAR OF BIRTH FROM BIRTH HISTORY AND ASK DAY; IF MOTHER NOT INTERVIEWED, ASK: What is (NAME)'s birth date?	MONTH	MONTH	MONTH
204	CHECK 203: CHILD BORN IN JANUARY 2008 (6) OR LATER?	YES	YES	YES
205	CHECK 203: IS CHILD AGE 0-5 MONTHS, I.E., WAS CHILD BORN IN MONTH OF INTERVIEW OR FIVE PREVIOUS MONTHS?	0-5 MONTHS	0-5 MONTHS	0-5 MONTHS 1 (GO TO 203 IN FIRST COLUMN OF NEW QUESTIONNAIRE; OR, IF NO MORE CHILDREN, END INTERVIEW) OLDER 2
206	LINE NUMBER OF PARENT/ OTHER ADULT RESPONSIBLE FOR THE CHILD (FROM COLUMN 1 OF HOUSEHOLD SCHEDULE). RECORD '00' IF NOT LISTED.	LINE NUMBER	LINE NUMBER	LINE NUMBER
207	ASK CONSENT FOR ANEMIA TEST FROM PARENT/OTHER ADULT IDENTIFIED IN 206 AS RESPONSIBLE FOR CHILD.	As part of this survey, we are asking children all over the country to take ananemia test. Anemia is a serious health problem that usually results from poor nutrition, infection, or chronic disease. This survey will assist the government to develop programs to prevent and treat anemia. We ask that all children born in 2008 (6) or later take part in anemia testing in this survey and give a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test. The blood will be tested for anemia immediately, and the result will be told to you right away. The resul will be kept strictly confidential and will not be shared with anyone other than members of our survey team. Do you have any questions? You can say yes to the test, or you can say no. It is up to you to decide. Will you allow (NAME OF CHILD) to participate in the anemia test?		
208	CIRCLE THE APPROPRIATE CODE AND SIGN YOUR NAME.	GRANTED 1 (SIGN) REFUSED 2 NOT PRESENT 5 OTHER 6	GRANTED	GRANTED
209	ASK CONSENT FOR MALARIA TEST FROM PARENT/OTHER ADULT IDENTIFIED IN 206 AS RESPONSIBLE FOR CHILD.	As part of this survey, we are asking that children all over the country take a test to see if they have malaria. Malaria is a serious illness caused by a parasite transmitted by a mosquito bite. This survey will help the government to develop programs to prevent malaria. We ask that all children born in 2008(6) or later take part in malaria testing in this survey and give a few drops of blood from a finger or heel. The equipment used to take the blood is clean and completely safe. It has never been used before and will be thrown away after each test. (We will use blood from the same finger or heel prick made for the anemia test). One blood drop will be tested for malaria immediately, and the result will be told to you right away. A few blood drops will be collected on a slide(s) and taken to a laboratory for testing. You will not be told the results of the laboratory testing. All results will be kept strictly confidential and will not be shared with anyone other than members of our survey team. Do you have any questions? You can say yes to the test, or you can say no. It is up to you to decide. Will you allow (NAME OF CHILD) to participate in the malaria testing?		
210	CIRCLE THE APPROPRIATE CODE AND SIGN YOUR NAME.	GRANTED	GRANTED	GRANTED

		CHILD 4	CHILD 5	CHILD 6
	NAME FROM COLUMN 2	NAME	NAME	NAME
211	PREPARE EQUIPMENT AND SUPPLIES ONLY FOR THE TEST(S) FOR WHICH CONSENT HAS BEEN OBTAINED AND PROCEED WITH THE TEST(S).			
212	BAR CODE LABEL FOR MALARIA TEST (7).	PUT THE 1ST BAR CODE LABEL HERE. NOT PRESENT 99994 REFUSED 99995 OTHER 99996	PUT THE 1ST BAR CODE LABEL HERE. NOT PRESENT 99994 REFUSED 99995 OTHER 99996	PUT THE 1ST BAR CODE LABEL HERE. NOT PRESENT 99994 REFUSED 99995 OTHER 99996
		PUT THE 2ND BAR CODE LABEL ON THE SLIDE AND THE 3RD ON THE TRANSMITTAL FORM.	PUT THE 2ND BAR CODE LABEL ON THE SLIDE AND THE 3RD ON THE TRANSMITTAL FORM.	PUT THE 2ND BAR CODE LABEL ON THE SLIDE AND THE 3RD ON THE TRANSMITTAL FORM.
213	RECORD HEMOGLOBIN LEVEL HERE AND IN THE ANEMIA AND MALARIA BROCHURE (8) .	G/DL	G/DL	G/DL
214	RECORD RESULT CODE OF THE MALARIA RDT.	TESTED 1 NOT PRESENT 2 REFUSED 3 OTHER 6 (SKIP TO 216) ←	TESTED	TESTED
215	RECORD THE RESULT OF THE MALARIA RDT HERE AND IN THE ANEMIA AND MALARIA BROCHURE.	POSITIVE	POSITIVE	POSITIVE
216	CHECK 213: HEMOGLOBIN RESULT	BELOW 8.0 G/DL, SEVERE ANEMIA 1 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6 (SKIP TO 229)	BELOW 8.0 G/DL, SEVERE ANEMIA 1 8.0 G/DL OR ABOVE 2 — NOT PRESENT 4 — REFUSED 5 — OTHER 6 — (SKIP TO 229)	BELOW 8.0 G/DL, SEVERE ANEMIA 1 8.0 G/DL OR ABOVE 2 — NOT PRESENT 4 — REFUSED 5 — OTHER 6 — (SKIP TO 229)
217	SEVERE ANEMIA REFERRAL STATEMENT	The anemia test shows that (NAI taken to a health facility immedia SKIP TO 229	ME OF CHILD) has severe anemia. tely.	Your child is very ill and must be
218	Does (NAME) suffer from the any of following illnesses or symptoms (9): Extreme weakness? Heart problems? Loss of consciousness? Rapid or difficult breathing? Seizures? Abnormal bleeding? Jaundice or yellow skin? Dark urine? IF NONE OF THE ABOVE SYMPTOMS, CIRCLE CODE Y	EXTREME WEAKNESS A HEART PROBLEMS B LOSS OF CONSCIOUSNESS C RAPID BREATHING D SEIZURES E BLEEDING F JAUNDICE G DARK URINE H NONE OF ABOVE SYMPTOMS Y	EXTREME WEAKNESS A HEART PROBLEMS B LOSS OF CONSCIOUSNESS C RAPID BREATHING D SEIZURES E BLEEDING F JAUNDICE G DARK URINE H NONE OF ABOVE SYMPTOMS Y	EXTREME WEAKNESS A HEART PROBLEMS B LOSS OF CONSCIOUSNESS C RAPID BREATHING D SEIZURES E BLEEDING F JAUNDICE G DARK URINE H NONE OF ABOVE SYMPTOMS Y
219	CHECK 218: ANY CODE A-H CIRCLED?	ONLY CODE Y CIRCLED	ONLY CODE Y CIRCLED	ONLY CODE Y CIRCLED

		CHILD 4	CHILD 5	CHILD 6
	NAME FROM COLUMN 2	NAME	NAME	NAME
220	CHECK 213: HEMOGLOBIN RESULT	BELOW 8.0 G/DL, SEVERE ANEMIA 1 (SKIP TO 222) 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6	BELOW 8.0 G/DL, SEVERE ANEMIA 1 (SKIP TO 222) 4 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6	BELOW 8.0 G/DL, SEVERE ANEMIA 1 (SKIP TO 222) 8.0 G/DL OR ABOVE 2 NOT PRESENT 4 REFUSED 5 OTHER 6
221	In the past two weeks has (NAME) taken or is taking [FIRST LINE MEDICATION] (10) given by a doctor or health center to treat the malaria? VERIFY BY ASKING TO SEE TREATMENT.	YES	YES	YES
222	SEVERE MALARIA REFERRAL STATEMENT	The malaria test shows that (NAME OF CHILD) has malaria. Your child also has symptoms of severe malaria. The malaria treatment I have will not help your child, and I cannot give you the medication. Your child is very ill and must be taken to a health facility right away. SKIP TO 228		
223	ALREADY TAKING [FIRST LINE MEDICATION] REFERRAL STATEMENT (10)	You have told me that (NAME OF CHILD) has already received [FIRST LINE MEDICATION] for malaria. Therefore, I cannot give you additional [FIRST LINE MEDICATION]. However, the test shows that he/she has malaria. If your child has a fever for two days after the last dose of [FIRST LINE MEDICATION], you should take the child to the nearest health facility for further examination. SKIP TO 228		
224	READ INFORMATION FOR MALARIA TREATMENT AND CONSENT STATEMENT TO PARENT OR OTHER ADULT RESPONSIBLE FOR THE CHILD.	The malaria test shows that your child has malaria. We can give you free medicine. The medicine is called [FIRST LINE MEDICATION]. [FIRST LINE MEDICATION] is very effective and in a few days it should get rid of the fever and other symptoms. You do not have to give the child the medicine. This is up to you. Please tell me whether you accept the medicine or not.		
225	CIRCLE THE APPROPRIATE CODE AND SIGN YOUR NAME.	ACCEPTED MEDICINE 1 (SIGN) REFUSED 2 OTHER 6	ACCEPTED MEDICINE 1 (SIGN) REFUSED 2 OTHER 6	ACCEPTED MEDICINE 1 (SIGN) REFUSED 2 OTHER 6
226	CHECK 225: MEDICATION ACCEPTED	ACCEPTED MEDICINE 1 REFUSED	ACCEPTED MEDICINE 1 REFUSED 2 OTHER 6 (SKIP TO 228)	ACCEPTED MEDICINE 1 REFUSED 2 ¬ OTHER 6 ¬ (SKIP TO 228)
227	TREATMENT FOR CHILDREN WITH POSITIVE MALARIA TESTS	[INSERT DOSAGE INSTRUCTIONS]		
	WITH COMPENIALARIA 1E015	ALSO TELL THE PARENT/ADULT RESPONSIBLE FOR THE CHILD (10): If [NAME] has a high fever, fast or difficult breathing, is not able to drink or breastfeed, gets sicker or does not get better in two days, you should take him/her to a health professional for treatment right away.		
228	RECORD THE RESULT CODE OF MALARIA TREATMENT OR REFERRAL.	MEDICATION GIVEN 1 MEDS REFUSED 2 SEVERE MALARIA REFERRAL 3 ALREADY TAKING ACTS REFERRAL 4 OTHER 6	MEDICATION GIVEN 1 MEDS REFUSED 2 SEVERE MALARIA REFERRAL 3 ALREADY TAKING ACTS REFERRAL 4 OTHER 6	MEDICATION GIVEN 1 MEDS REFUSED 2 SEVERE MALARIA REFERRAL 3 ALREADY TAKING ACTS REFERRAL 4 OTHER 6
229	GO BACK TO 203 IN NEXT COLUMN IF NO MORE CHILDREN, END INTER		N THE FIRST COLUMN OF AN AD	DITIONAL QUESTIONNAIRE;

INSERT DOSAGE INSTRUCTIONS

ALSO TELL THE PARENT/ADULT RESPONSIBLE FOR THE CHILD (10): If [NAME] has a high fever, fast or difficult breathing, is not able to drink or breastfeed, gets sicker or does not get better in two days, you should take him/her to a health professional for treatment right away.

FOOTNOTES

- (1) This section should be adapted for country-specific survey design.
- (2) Coding categories to be developed locally and revised based on the pretest; however, the broad categories must be maintained.
- (3) Each country should add to the list at least five items of furniture (such as a table, a chair, a sofa, a bed, an armoire, or a cupboard or cabinet). In addition, each country should add at least four additional household appliances so that the list includes at least three items that even a poor household may have, at least three items that a middle income household may have, and at least three items that a high income household may have. Some possible additions are clock, water pump, grain grinder, fan, blender, water heater, generator, washing machine, microwave oven, computer, VCR or DVD player, cassette or CD player, camera, air conditioner or cooler, color TV, sewing machine.
- (4) Add other country-specific animals, such as oxen, water buffalo, camels, llamas, alpacas, pigs, ducks, geese, or elephants.
- (5) The question should be deleted in countries that do not have an organized spraying program to prevent the transmission of malaria.
- (6) Year of fieldwork is assumed to be 2013. For fieldwork beginning in 2014 or 2015, the year should be 2009 or 2010, respectively.
- (7) This question should be deleted in surveys that do not collect blood smears.
- (8) In countries where some enumeration areas are higher than 1,000 meters, altitude information should be collected on a separate form for each enumeration area higher than 1,000 meters so that the anemia estimates can be adjusted appropriately.
- (9) This is a list of generic symptoms indicative of severe malaria. Symptoms should be revised according to the country's national malaria treatment guidelines.
- (10) The referral statement should be revised to reflect the country's national malaria treatment guidelines in reference to antimalarial treatment failure.