<Country> ITN Durability Monitoring 2020/21 Mass Campaign

Questionnaire for 36-month cohort follow-up survey

**HOUSEHOLD IDENTIFICATION**

|  |  |
| --- | --- |
| District[\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_] |  |
| Cluster[\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_] |  |
| Household Number |  |
| ID Number(District code + Cluster number + Household number) |   |

**HOUSEHOLD VISIT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B1 | Household visit details | Visit 1 | Visit 2 | Visit 3 |  |
|  | 0 = Nobody home (after 3 visits)1 = Recipient home and consented to interview2 = Recipient home but refuse3 = Household moved away |  |  |  |
| B2 | Date of interview | dd/mm/yyyy  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | / |  |  | / |  |  |  |  |

 |
| B3 | Interviewer Name |  | Code |   |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| B4 | Is the household still at the same location?If NO, enter new GPS coordinates below | Yes | No |  |
| 1 | 0 |
|  |  |
| Latitude: |  |
| Longitude: |  |
|  | decimal format |

**INTRODUCTION AND CONSENT**

**Introduce the study to the respondent using the Information Sheet and request informed consent to include the household in the study.**

|  |  |  |
| --- | --- | --- |
| **Respondent agrees to be interviewed** | **1** | **Go to Q01** |
| **Respondent does not agree to be interviewed** | **0** | **End** |

**COVID-19 SCREENING**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Question** | **Responses** | **Values** | **Skips** |
| Cov1 | In the last two weeks, have you or anyone in your household received a test for COVID-19, also known as coronavirus, from a medical professional and tested positive? | Yes | 1 | **1 🡪 END** |
| No | 0 |  |
| Cov2 | In the last 7 days, including today, have you or any member of your household had any of the following symptoms? | Fever | 1 | ***(1 and 2) OR******(1 and 3) OR 4 OR 5* 🡪 *END*** |
| Persistent cough | 2 |
| Difficulty breathing | 3 |
| Loss of taste | 4 |
| Loss of smell | 5 |
| Cov3 | Have you or anyone in your household been in contact with a confirmed COVID-19 patient in the last 2 weeks? COVID-19 is also known as coronavirus. | Yes | 1 | **1 🡪 END** |
| No | 0 |  |
| Cov4 | Is anyone in your household self-isolating due to suspected or confirmed exposure to COVID-19, also known as coronavirus? | Yes | 1 | **1 🡪 END** |
| No | 0 |  |
| Cov5 | Do you have any of the following medical problems as confirmed by a physician?***>> Read list out loud*** | None of these problems | 0 | **0 🡪 Q01** |
| Cardiovascular disease | 1 |  |
| Diabetes | 2 |  |
| Chronic respiratory disease | 3 |  |
| Cancer | 4 |  |
| Cov6 | Is there another adult member of your household available who could participate in this interview today?***>> Adults are people aged 18 years and above***  | Yes | 1 | **1 🡪 Q01** |
| No | 0 | **0 🡪 END** |

**SECTION 1: People living in the household**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Line No.** | **Usual residents** | **Relationship to head of household** | **Sex** | **Residence** | **Age** |
|  | Please give me the **first names** of the persons who usually live in your household  | What is the relationship of (NAME) to the head of the household?**See below for codes** | Is (NAME) male or female? | Does (NAME) usually live here? | Did (NAME) stay here last night? | How old is (NAME)? If less than 1 year write 0 in the years box and give number of monthsin next column. **If don’t know write ‘NK’** |
| Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 |
|  |  |  | M | F | Yes | No | Yes | No |  |
| 01 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 02 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 03 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 04 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 05 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 06 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 07 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 08 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 09 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 10 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 11 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |
| 12 |  |  | 1 2 | 1 0 | 1 0 | Years | Months |

**Codes for Q3: Relationship to household head**

01=head 04=son/daughter in law 07=parent in law 10=adopted/foster/stepchild

02=wife/husband/partner 05=grandchild 08=brother/sister/in law 11=not related

03=son/daughter 06=parent 09=other relative 98=don’t know

**In households of the second, third and fourth wife, she is the head of the household.**

**Ask: Are there any other persons such as small children or infants that we have not listed?**

**Ask: Are there any other people such as domestic servants, lodgers or friends who usually live here?**

**SECTION 2: Household characteristics and net ownership**

| **No** | **Question** | **Categories** | **Skip** |
| --- | --- | --- | --- |
| **We would first like to ask some questions about the head of household, characteristics of the house and possessions of the household.** |
| Q08 | Who is responding to this questionnaire? |  |  |  |
| Head of household | 1 |
| Spouse/representative of head of household | 2 |
| Q09 | Can the head of household read and write? |  |  |  |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q10 | Has the head of the household ever attended school? |  |  | **No ⇨ Q12****DK ⇨ Q12** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q11 | What was the highest level of school the head of the household attended? (Primary, Secondary, Higher) |  |  |  |
| Primary | 1 |
| Secondary | 2 |
| Higher | 3 |
| Don’t know | 9 |
| Q12 | What is the main material of the roof? | Grass/Thatch | 1 |  |
| Wood, bamboo or palm | 2 |
| Zinc/Iron/Aluminum sheets | 3 |
| Tiles | 4 |
| Q13 | What is the main material of the walls? | Grass | 1 |
| Mud | 2 |
| Plastered | 3 |
| Brick/concrete | 4 |
| Q14 | What is the main material of the floor? | Earth or sand | 1 |
| Clay | 2 |
| Wood, bamboo or palm | 3 |
| Vinyl or parquet | 4 |
| Tiles or cement | 5 |
| Q15 | How many rooms does your household have? |  |  |  |
| Q16 | How many of these rooms are used for sleeping? |  |  |  |
| Q17 | How many sleeping places are used by this household? * beds
* mattresses
* mats or rugs
* other sleeping spaces

***>> Ask for both inside the home and outside.*** |  |  |  |
| Q18 | Do you ever store any food or crops in any of the rooms used for sleeping? | Yes | 1 |  |
| No | 0 |
| Don’t know | 9 |
| Q19 | What is the main source of drinking water? | Surface water (stream, river, lake, pond, irrigation channel, etc) | 1 |  |
| Rain water, gutter pipe | 2 |
| Protected well (public or private) | 3 |
| Public tube well or borehole | 4 |
| Public tab or standpipe | 5 |
| Piped into dwelling | 6 |
| Other, specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 7 |
| Q20 | What type of toilet facility is available to the household? | No facility, bush or field | 1 |  |
| Shared pit latrine | 2 |
| Own pit latrine | 3 |
| Shared improved pit latrine | 4 |
| Own improved pit latrine | 5 |
| Shared flush toilet | 6 |
| Own flush toilet | 7 |
| Other, specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 8 |
| Q21 | What is the main energy source for cooking? | Firewood | 1 |  |
| Charcoal | 2 |
| Kerosene | 3 |
| Gas | 4 |
| Electricity | 5 |
| Other ***(specify)*** | 96 |
| [\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_] |  |
| Q22 | Do you ever cook in a room that is also used for sleeping? |  |  |  |
| Always | 1 |
| Sometimes | 2 |
| Never | 3 |
| Don’t know | 9 |
| Q23 | In the last 6 months, have you seen any rats or mice in your house or their traces, such as feces or damage? |  |  |  |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q24 | Does any member of the household have any of the following…?***>> Read each item and record the response.*** |  |  |  |
|  | Y | N |
| Radio | 1 | 0 |
| Television | 1 | 0 |
| Refrigerator | 1 | 0 |
| Electric fan | 1 | 0 |
| Iron | 1 | 0 |
| Mobile phone (simple) | 1 | 0 |
| Smartphone or tablet | 1 | 0 |
| Laptop or computer | 1 | 0 |
| Q25 | Does any member of the household have any means of transport…?***>> Read each item and record the response.*** |  |  |  |  |
|  | Y | N |
| Bicycle | 1 | 0 |
| Motorbike/Scooter | 1 | 0 |
| Car or truck | 1 | 0 |
| Animal cart | 1 | 0 |
| Canoe or boat | 1 | 0 |
| Q26 | How many of the following livestock animals does the household own, if any…?***>> Read each animal and record the response.******>> Enter 000 if none.*** | Chickens |  |  |
| Ducks and geese |  |
| Goats and sheep |  |
| Pigs |  |
| Cows |  |
| Donkeys and mules |  |
| Other |  |
| Q27 | Does the household own land used for agriculture or farming? |  |  | **No ⇨ Q29** |
| Yes | 1 |
| No | 0 |
| Q28 | If yes, indicate approximate size in hectare (ha)(1 ha=2.5 acres)**>> Enter 99.9 if unknown** |  **.**  |  |  |
| **We would now like to ask some questions about the mosquito nets in your household** |
| Q29 | Does the household own any mosquito nets for sleeping under? |  |  | **No ⇨ Q35****DK ⇨ Q35** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q30 | How many mosquito nets does the household have at this time?***>> Probe for any nets currently not in use***  |  |  |  |
| Q31 | How many nets did your household receive from the mass campaign in *<*Date of target campaign*>*? |  |  |  |
| Q32 | Did your household obtain any mosquito nets since the campaign from any other source? |  |  | **No ⇨ Q35****DK ⇨ Q35** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q33 | How many nets did your household obtain in total since the campaign including those you may no longer have? ***>> Probe for any nets received or bought since the campaign.*** |  |  |  |
| Q34 | Did you obtain any additional mosquito nets from the following sources…?***>> Read each source and record the response.*** |  |  |
|  | Yes | No |
| Ante-natal care (ANC) services/visit | 1 | 0 |
| Child immunization visit | 1 | 0 |
| Other health facility / hospital visit | 1 | 0 |
| School | 1 | 0 |
| Relatives or friends | 1 | 0 |
| Shop or pharmacy | 1 | 0 |
| Market or hawker | 1 | 0 |
| Other | 1 | 0 |
| Q35 | In the last 6 months, did you receive any information on use and care and repair of your mosquito nets from any source? |  |  | **No ⇨ Q38****DK ⇨ Q38** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q36 | What were the sources of that information?***>> Multiple answers possible.*** |  |  |  |
| Community Health Volunteer | 1 |
| Radio message or talk show | 2 |
| Song on the radio | 3 |
| Drama performance | 4 |
| Health worker | 5 |
| Community leader | 6 |
| Town announcer | 7 |
| Pharmacy or shop attendant | 8 |
| Family or friends | 9 |
| Mosque or church | 10 |
| Newspaper or TV | 11 |
| Other | 12 |
| Specify: |  |
| Q37 | What was the content of the messages you heard/saw?***>> Multiple answers possible.*** |  |  |  |
| Use your net | 1 |
| Care for your net | 2 |
| Hang up your net | 3 |
| Sleep under your net every night | 4 |
| Nets prevent malaria | 5 |
| Repair your net | 6 |
| Other | 8 |
| Specify:  |  |
| Q38 | In the last 6 months, have you discussed caring for or repairing your nets with your family? |  |  |  |
| Yes | 1 |
| No | 0 |
| Q38b | How are nets being used in rainy and dry seasons in this household?***>> Read the responses aloud.*** | Equally in rainy and dry season  | 1 |  |
| Mainly rains, at times also dry | 2 |
| Only rainy season | 3 |
| Not used at all | 4 |
| Don’t know | 9 |

|  |
| --- |
| **I am going to ask you about a series of actions you could take related to mosquito nets, and I would like you to tell me how confident you are that you could do that action successfully.****For each action, please tell me if you think you definitely could, probably could, probably could not or definitely could not do each action successfully.** |
|  |  | Definitely could | Probably could | Probably could not | Definitely could not |  |
| Q39 | Obtain enough bed nets for all your children. | 1 | 2 | 3 | 4 |  |
| Q40 | Hang a bed net above your children’s sleeping spaces. | 1 | 2 | 3 | 4 |  |
| Q41 | Protect yourself and your children from getting malaria. | 1 | 2 | 3 | 4 |  |
| Q42 | Save enough money to obtain bed nets for all your children. | 1 | 2 | 3 | 4 |  |
| Q43 | Sleep under a bed net every night of the year. | 1 | 2 | 3 | 4 |  |
| Q44 | Get all of your children to sleep under a bed net every night of the year. | 1 | 2 | 3 | 4 |  |

**SECTION 3: Net care and repair**

| **No** | **Question** | **Categories** | **Skip** |
| --- | --- | --- | --- |
| **I would now like to ask some questions about the care for your nets.** |
| Q60 | Have you ever experienced any holes in the nets you own? |  |  | **No ⇨ Q66** |
| Yes | 1 |
| No | 0 |
| Q61 | How did the hole(s) happen?>> ***Multiple answers possible.******>> Select “yes” for each response mentioned and “no” for those not mentioned.*** |  |  |  |  |
|  | Yes | No |
| Tore when got caught on edge or nail | 1 | 0 |
| Was pulled and tore on corner | 1 | 0 |
| Was burned by a candle or sparks | 1 | 0 |
| Was caused by rats or mice | 1 | 0 |
| In another way | 1 | 0 |
| Don’t know | 1 | 0 |
|  |  |  |
| Q62 | Over the last 6 months, have you ever tried to repair any of these holes or get them repaired by someone else? |  |  | **No ⇨ Q65** |
| Yes | 1 |
| No | 0 |
| Q63 | How were the holes repaired?>> ***Multiple answers possible.******>> Select “yes” for each response mentioned and “no” for those not mentioned.*** |  |  |  |  |
|  | Yes | No |
| Stitched | 1 | 0 |
| Knotted or tied | 1 | 0 |
| Used a patch | 1 | 0 |
| In another way | 1 | 0 |
|  |  |  |
| Q64 | Over the last 6 months, who made repairs to the holes in your nets?>> ***Multiple answers possible.******>> Select “yes” for each response mentioned and “no” for those not mentioned.*** |  |  |  | **All ⇨ Q66** |
|  | Yes | No |
| Household member | 1 | 0 |
| Tailor | 1 | 0 |
| Friend or relative (outside the household) | 1 | 0 |
| Community volunteer | 1 | 0 |
| Other | 1 | 0 |
| Specify: |  |  |
| Q65 | What was the main reason holes were not repaired? |  |  |  |
| No time for this | 1 |
| It is not necessary | 2 |
| Don’t know how | 3 |
| Do not have materials to repair | 4 |
| Holes are not big enough to repair | 5 |
| It is not possible to repair holes | 6 |
| Other | 7 |
| Specify: |  |
| Don’t know | 9 |
| Q66 | What if anything do you do at home to prevent nets from tearing or getting holes?***>> Select “yes” for each response mentioned and “no” for those not mentioned.******>> Probe once with “Any other ways?”***  |  |  |  |  |
|  | Yes | No |
| Keep away from children | 1 | 0 |
| Keep away from pests | 1 | 0 |
| Roll up or tie up when not in use | 1 | 0 |
| Handle nets with care | 1 | 0 |
| Do not soil with food | 1 | 0 |
| Keep away from flame or fire | 1 | 0 |
| Wash gently | 1 | 0 |
| Wash only when dirty | 1 | 0 |
| Inspect nets regularly for holes | 1 | 0 |
| Repair small holes quickly | 1 | 0 |
| It is not possible to prevent holes | 1 | 0 |
| Do nothing | 1 | 0 |
| Other | 1 | 0 |
| Specify: |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Q67 | What is the recommended way to wash a mosquito net?***>> Mark “yes” for each response mentioned and “no” for those not mentioned.******>> Probe once with “Any other ways?”***  |  |  |  |  |
|  | Yes | No |
| Gently | 1 | 0 |
| In a basin | 1 | 0 |
| With mild soap | 1 | 0 |
| Only when dirty | 1 | 0 |
| No more than once every 3 months | 1 | 0 |
| Not in the stream | 1 | 0 |
| Don’t know | 1 | 0 |
| Other | 1 | 0 |
| Specify: |  |  |
|  |  |  |

|  |
| --- |
| **I am going to read a series of statements to you about mosquito nets and I would like you to tell me how much you agree with them.****For each statement, please tell me if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree with it.** |
|  |  | Strongly agree | Somewhat agree | Somewhat disagree | Strongly disagree |
| Q68 | Mosquito nets are valuable | 1 | 2 | 3 | 4 |
| Q69 | There are actions I can take to make my net last long | 1 | 2 | 3 | 4 |
| Q70 | It is not possible to repair holes in nets | 1 | 2 | 3 | 4 |
| Q71 | A repaired net can still be effective against mosquitoes | 1 | 2 | 3 | 4 |
| Q72 | Other people in this community fix holes in their mosquito nets | 1 | 2 | 3 | 4 |
| Q73 | I do not have time to repair a hole in my net | 1 | 2 | 3 | 4 |
| Q74 | I can help protect my family from malaria by taking care of my net | 1 | 2 | 3 | 4 |
| Q75 | I am confident I can repair holes immediately | 1 | 2 | 3 | 4 |

**SECTION 5: Campaign nets included in monitoring**

| **No** | **Question** | **Mosquito net 1** | **Mosquito net 2** | **Mosquito net 3** |
| --- | --- | --- | --- | --- |
| **We would now like to inspect all the mosquito nets the household owns from the campaign and ask some questions about them.** ***Complete all information on one net before moving to the next*** |
|  | Enter ID number fixed to the net | [\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_] | [\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_] | [\_\_\_\_|\_\_\_\_|\_\_\_\_|\_\_\_\_] |
| Q78 | Is the net still present? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| **Yes ⇨ Q87** |  | **Yes ⇨ Q87** |  | **Yes ⇨ Q87** |  |
| Q79 | How long did you have this net?***>> Enter 00 if less than 1 month******>> Enter 98 if don’t know*** | Months |  | Months |  | Months |  |
| Q80 | Can you tell me what happened to the net? |  |  |  |  |  |  |
| Net was stolen | 1 | Net was stolen | 1 | Net was stolen | 1 |
| Net was destroyed accidentally | 2 | Net was destroyed accidentally | 2 | Net was destroyed accidentally | 2 |
| Net was sold | 3 | Net was sold | 3 | Net was sold | 3 |
| Net was given away to relatives | 4 | Net was given away to relatives | 4 | Net was given away to relatives | 4 |
| Net was given away to others | 5 | Net was given away to others | 5 | Net was given away to others | 5 |
| Net was thrown away | 6 | Net was thrown away | 6 | Net was thrown away | 6 |
| Material used for other purpose | 7 | Material used for other purpose | 7 | Material used for other purpose | 7 |
| Used by family members elsewhere (e.g. farm, school) | 10 | Used by family members elsewhere (e.g. farm, school) | 10 | Used by family members elsewhere (e.g. farm, school) | 10 |
| Other | 8 | Other | 8 | Other | 8 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| Specify other |  | Specify other |  | Specify other |  |
| **If not 7 ⇨ Q82** |  | **If not 7 ⇨ Q82** |  | **If not 7 ⇨ Q82** |  |
| Q81 | What was this material used for? |  |  |  |  |  |  |
| Window/door/eave covering | 1 | Window/door/eave covering | 1 | Window/door/eave covering | 1 |
| Protecting plants/seedlings/crops | 2 | Protecting plants/seedlings/crops | 2 | Protecting plants/seedlings/crops | 2 |
| Fishing | 3 | Fishing | 3 | Fishing | 3 |
| Drying fish | 4 | Drying fish | 4 | Drying fish | 4 |
| Bedding/padding | 5 | Bedding/padding | 5 | Bedding/padding | 5 |
| Around latrine/fencing | 6 | Around latrine/fencing | 6 | Around latrine/fencing | 6 |
| Patch other nets | 7 | Patch other nets | 7 | Patch other nets | 7 |
| Cut up and used for various purposes/rope/tying things | 8 | Cut up and used for various purposes/rope/tying things | 8 | Cut up and used for various purposes/rope/tying things | 8 |
| Other | 9 | Other | 9 | Other | 9 |
| Specify other | 10 | Specify other | 10 | Specify other | 10 |
| Don’t know |  | Don’t know |  | Don’t know |  |
| Q82 | Why did you not keep this net?***>> Restricted to cases where Q80 responses >2 and <9******>> Enter first reason mentioned*** |  |  |  |  |  |  |
| Net was too torn, too many holes | 1 | Net was too torn, too many holes | 1 | Net was too torn, too many holes | 1 |
| Net was too dirty | 2 | Net was too dirty | 2 | Net was too dirty | 2 |
| Net was not needed at the time | 3 | Net was not needed at the time | 3 | Net was not needed at the time | 3 |
| We did not like this net | 4 | We did not like this net | 4 | We did not like this net | 4 |
| Needed the money | 5 | Needed the money | 5 | Needed the money | 5 |
| Other | 6 | Other | 6 | Other | 6 |
| Specify other |  | Specify other |  | Specify other |  |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **All ⇨ Q111** |  | **All ⇨ Q111** |  | **All ⇨ Q111** |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Q87 | Where was the net found?***>> Observe or ask the respondent.*** |  |  |  |  |  |  |
| Hanging loose over sleeping place | 1 **🡪 Q88** | Hanging loose over sleeping place | 1 **🡪 Q88** | Hanging loose over sleeping place | 1 **🡪 Q88** |
| Hanging and folded up or tied over sleeping space  | 2 **🡪 Q88** | Hanging and folded up or tied over sleeping space  | 2 **🡪 Q88** | Hanging and folded up or tied over sleeping space  | 2 **🡪 Q88** |
| Not hanging but not stored | 3 | Not hanging but not stored | 3 | Not hanging but not stored | 3 |
| Stored away unpacked | 4 | Stored away unpacked | 4 | Stored away unpacked | 4 |
| Stored away in a package | 5 | Stored away in a package | 5 | Stored away in a package | 5 |
| Temporarily unavailable at time of interview (e.g. washing, locked in room) | 6 **🡪 Q88** | Temporarily unavailable at time of interview (e.g. washing, locked in room) | 6 **🡪 Q88** | Temporarily unavailable at time of interview (e.g. washing, locked in room) | 6 **🡪 Q88** |
| Q87a | What is the reason the net is not hanging for sleeping?What is the reason the net is not hanging for sleeping? | Net too difficult to hang | 1 | Net too difficult to hang | 1 | Net too difficult to hang | 1 |
| Net is too short | 2 | Net is too short | 2 | Net is too short | 2 |
| No space to hang net | 3 | No space to hang net | 3 | No space to hang net | 3 |
| No one to hang net | 4 | No one to hang net | 4 | No one to hang net | 4 |
| Will hang it later | 5 | Will hang it later | 5 | Will hang it later | 5 |
| Only hang it at night | 6 | Only hang it at night | 6 | Only hang it at night | 6 |
| Saving net until others are worn | 7 | Saving net until others are worn | 7 | Saving net until others are worn | 7 |
| Other | 96 | Other | 96 | Other | 96 |
| Specify |  | Specify |  | Specify |  |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| Q88 | What type of sleeping place has this net been used for mostly?What type of sleeping place has this net been used for mostly? |  |  |  |  |  |  |
| Bed frame (finished) | 1 | Bed frame (finished) | 1 | Bed frame (finished) | 1 |
| Bed frame (sticks) | 2 | Bed frame (sticks) | 2 | Bed frame (sticks) | 2 |
| Foam mattress | 3 | Foam mattress | 3 | Foam mattress | 3 |
| Reed mat | 4 | Reed mat | 4 | Reed mat | 4 |
| Grass  | 5 | Grass  | 5 | Grass  | 5 |
| Ground | 6 | Ground | 6 | Ground | 6 |
| Never used | 7 | Never used | 7 | Never used | 7 |
| Q89 | Did anyone sleep under this bed net last night? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| **Yes ⇨ Q91** |  | **Yes ⇨ Q91** |  | **Yes ⇨ Q91** |  |
| Q90 | What is the main reason that nobody slept under this bed net last night? |  |  |  |  |  |  |
| No mosquitoes | 1 | No mosquitoes | 1 | No mosquitoes | 1 |
| There is no malaria | 2 | There is no malaria | 2 | There is no malaria | 2 |
| Too hot | 3 | Too hot | 3 | Too hot | 3 |
| Don’t like smell | 4 | Don’t like smell | 4 | Don’t like smell | 4 |
| Feel “closed in”  | 5 | Feel “closed in” | 5 | Feel “closed in”  | 5 |
| Net too old or torn | 6 | Net too old or torn | 6 | Net too old or torn | 6 |
| Net too dirty | 7 | Net too dirty | 7 | Net too dirty | 7 |
| Net not available last night (washing) | 8 | Net not available last night (washing) | 8 | Net not available last night (washing) | 8 |
| Usual user(s) did not sleep here last night | 9 | Usual user(s) did not sleep here last night | 9 | Usual user(s) did not sleep here last night | 9 |
| Net was not needed last night | 10 | Net was not needed last night | 10 | Net was not needed last night | 10 |
| Other | 96 | Other | 96 | Other | 96 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| **All ⇨ Q92** |  | **All ⇨ Q92** |  | **All ⇨ Q92** |  |
| Q91 | Who slept under this bed net last night?***>> Record the person’s line number from the Household Member List.******>> If someone not in the Household Member List slept under the bed net, Enter ‘00’.*** | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| Q92 | How many nights has this net been used in the last week?  |  |  |  |  |  |  |
| Every night (7 nights) | 1 | Every night (7 nights) | 1 | Every night (7 nights) | 1 |
| Most nights (5-6) | 2 | Most nights (5-6) | 2 | Most nights (5-6) | 2 |
| Some nights (1-4) | 3 | Some nights (1-4) | 3 | Some nights (1-4) | 3 |
| Not used last week | 4 | Not used last week | 4 | Not used last week  | 4 |
| Never been used | 5 | Never been used | 5 | Never been used | 5 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| Q93 | Has this net ever been washed? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| **No or DK ⇨ Q97** |  | **No or DK ⇨ Q97** |  | **No or DK ⇨ Q97** |  |
| Q94 | How many times has this net been washed in the last 6 months?***>> Enter 00 for None******>> Enter 98 for Don’t Know*** |  |  |  |  |  |  |
| Q95 | What was used to wash the net in addition to water, for the last wash? |  |  |  |  |  |  |
| Soap bar | 1 | Soap bar | 1 | Soap bar | 1 |
| Detergent (OMO etc) | 2 | Detergent (OMO etc) | 2 | Detergent (OMO etc) | 2 |
| Bleach | 3 | Bleach | 3 | Bleach | 3 |
| Mix | 4 | Mix | 4 | Mix | 4 |
| Nothing | 5 | Nothing | 5 | Nothing | 5 |
| Q96 | Where was the net dried after the last wash? |  |  |  |  |  |  |
| Outside on the ground | 1 | Outside on the ground | 1 | Outside on the ground | 1 |
| Outside on line | 2 | Outside on line | 2 | Outside on line | 2 |
| Outside bush or fence | 3 | Outside bush or fence | 3 | Outside bush or fence | 3 |
| Inside on line  | 4 | Inside on line  | 4 | Inside on line  | 4 |
| Inside on furniture or floor  | 5 | Inside on furniture or floor  | 5 | Inside on furniture or floor  | 5 |
| Q96a | Was the net dried in the shade or in the sun after the last wash? |  |  |  |  |  |  |
| In the shade | 1 | In the shade | 1 | In the shade | 1 |
| In the sun | 2 | In the sun | 2 | In the sun | 2 |
| Q97 | Has this net ever had any holes? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| **No or DK ⇨ Q99** |  | **No or DK ⇨ Q99** |  | **No or DK ⇨ Q99** |  |
| Q98 | How did the holes happen?***>> Select all that apply*** |  |  |  |  |  |  |
| Torn on object | 1 | Torn on object | 1 | Torn on object | 1 |
| Pulled and tore  | 2 | Pulled and tore  | 2 | Pulled and tore  | 2 |
| Burned by flame | 3 | Burned by flame | 3 | Burned by flame | 3 |
| Rats or mice | 4 | Rats or mice | 4 | Rats or mice | 4 |
| Seam came open | 5 | Seam came open | 5 | Seam came open | 5 |
| In another way | 6 | In another way | 6 | In another way | 6 |
| Do not recall | 7 | Do not recall | 7 | Do not recall | 7 |
| **Skip to Next Net or Next Section if Q87=6 and Net isn’t available for examination** |
| **Now examine the net for holes and repairs using the aids and tally sheet and enter the results here** |
| Q99 | Number of holes size 1  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  |
| Q101 | Number of holes size 2 | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  |
| Q103 | Number of holes size 3  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  |
| Q105 | Number of holes size 4  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  |
| Q107 | Number of holes repaired***>> Hole completely gone.*** | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  |
| Q108 | Number of partial repairs ***>> Hole reduced but still visible.*** | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  | I\_\_\_\_I\_\_\_\_I |  |
| Q109 | Has the net been modified in any way? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **No or DK ⇨ Q111** |  | **No or DK ⇨ Q111** |  | **No or DK ⇨ Q111** |  |
| Q110 | How was it modified? |  |  |  |  |  |  |
| Shape was changed | 1 | Shape was changed | 1 | Shape was changed | 1 |
| Added to lengthen | 2 | Added to lengthen | 2 | Added to lengthen | 2 |
| Added to reinforce | 3 | Added to reinforce | 3 | Added to reinforce | 3 |
| Other | 4 | Other | 4 | Other | 4 |
| Specify: |  | Specify: |  | Specify: |  |
|  |  |  |  |  |  |

**SECTION 6: Other nets owned by the household**

**Any net not identified as a campaign net is entered here**

**If there are no additional nets in the household, go to END**

| **No** | **Question** | **Other mosquito net 1** | **Other mosquito net 2** | **Other mosquito net 3** |
| --- | --- | --- | --- | --- |
| **I would now like to ask some questions about all the other mosquito nets the household owns and take a look at them.*****Complete all information on one net before moving to the next*** |
| Q111 | Could you show me the nets in the household? |  |  |  |  |  |  |
| Observed | 1 | Observed | 1 | Observed | 1 |
| Not observed | 0 | Not observed | 0 | Not observed | 0 |
| Q112 | ***Observe the net and net label (if any) and identify the brand of the net******>> If net is not observed show net pictures to respondent and probe*** | PermaNet 2.0 | 1 | PermaNet 2.0 | 1 | PermaNet 2.0 | 1 |
| Dawa Plus | 2 | Dawa Plus | 2 | Dawa Plus | 2 |
| Olyset | 3 | Olyset | 3 | Olyset | 3 |
| Duranet | 4 | Duranet | 4 | Duranet | 4 |
| Interceptor | 5 | Interceptor | 5 | Interceptor | 5 |
| Netprotect | 6 | Netprotect | 6 | Netprotect | 6 |
| MagNet | 7 | MagNet | 7 | MagNet | 7 |
| Royal Sentry | 8 | Royal Sentry | 8 | Royal Sentry | 8 |
| Yorkool | 9 | Yorkool | 9 | Yorkool | 9 |
| SafeNet | 10 | SafeNet | 10 | SafeNet | 10 |
| Veeralin | 11 | Veeralin | 11 | Veeralin | 11 |
| Yahe | 12 | Yahe | 12 | Yahe | 12 |
| PermaNet 3.0 | 15 | PermaNet 3.0 | 15 | PermaNet 3.0 | 15 |
| Interceptor G2 | 16 | Interceptor G2 | 16 | Interceptor G2 | 16 |
| Olyset Plus | 17 | Olyset Plus | 17 | Olyset Plus | 17 |
| Tailor made | 97 | Tailor made | 97 | Tailor made | 97 |
| No brand | 98 | No brand | 98 | No brand | 98 |
| Other | 96 | Other | 96 | Other | 96 |
| Specify | Specify | Specify |
| Q113 | What is the shape of the net?***>> Observe or ask the shape of net*** |  |  |  |  |  |  |
| Rectangular | 1 | Rectangular | 1 | Rectangular | 1 |
| Conical | 2 | Conical | 2 | Conical | 2 |
| Q114 | What is the colour of the net?***>> Observe or ask the colour of net*** |  |  |  |  |  |  |
| White | 1 | White | 1 | White | 1 |
| Green | 2 | Green | 2 | Green | 2 |
| Blue | 3 | Blue | 3 | Blue | 3 |
| Other | 4 | Other | 4 | Other | 4 |
| Specify | Specify | Specify |
| Q115 | Since you got the net was it ever soaked or dipped in a chemical to kill or repel mosquitoes?  |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **No or DK ⇨ Q117** |  | **No or DK ⇨ Q117** |  | **No or DK ⇨ Q117** |  |
| Q116 | If yes, how long ago was the last time it was dipped or soaked? |  |  |  |  |  |  |
| **Months if less than 1 year** | **Months if less than 1 year** | **Months if less than 1 year** |
|  |  |  |  |  |  |
| More than 1 year  | 1 | More than 1 year  | 1 | More than 1 year  | 1 |
| Don’t remember | 98 | Don’t remember | 98 | Don’t remember | 98 |
| Q117 | Did you get the net through a previous mass distribution campaign, during an antenatal care visit, or during an immunization visit?***>> Read the responses aloud*** | Yes, previous campaign | 1**🡪 Q119** | Yes, previous campaign | 1**🡪 Q119** | Yes, previous campaign | 1**🡪 Q119** |
| Yes, ANC visit | 2**🡪 Q119** | Yes, ANC visit | 2**🡪 Q119** | Yes, ANC visit | 2**🡪 Q119** |
| Yes, Immunization visit | 3**🡪 Q119** | Yes, Immunization visit | 3**🡪 Q119** | Yes, Immunization visit | 3**🡪 Q119** |
| Yes, birth of child | 4**🡪 Q119** | Yes, birth of child | 4**🡪 Q119** | Yes, birth of child | 4**🡪 Q119** |
| No | 5 | No | 5 | No | 5 |
| Q118 | Where did you obtain this net? |  |  |  |  |  |  |
| Public Health Facility | 1 | Health Facility | 1 | Health Facility | 1 |
| CHW | 2 | CHW | 2 | CHW | 2 |
| Religious leader | 3 | Religious leader | 3 | Religious leader  | 3 |
| Family or friends | 4 | Family or friends | 4 | Family or friends | 4 |
| Private clinic | 5 | Private clinic | 5 | Private clinic | 5 |
| Pharmacy | 6 | Pharmacy | 6 | Pharmacy | 6 |
| Shop or supermarket | 7 | Shop or supermarket | 7 | Shop or supermarket | 7 |
| Market | 8 | Market | 8 | Market | 8 |
| Hawker | 9 | Hawker | 9 | Hawker | 9 |
| School | 10 | School | 10 | School | 10 |
| NGO | 11 | NGO | 11 | NGO | 11 |
| Other | 12 | Other | 12 | Other | 12 |
| Specify | Specify | Specify |
| Q119 | Did you pay any money for this net? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **No or DK ⇨ Q120** |  | **No or DK ⇨ Q120** |  | **No or DK ⇨ Q120** |  |
| Q119b | How much did you pay? | [\_\_|\_\_|\_\_|\_\_|\_\_] | [\_\_|\_\_|\_\_|\_\_|\_\_] | [\_\_|\_\_|\_\_|\_\_|\_\_] |
| Q120 | How long ago did you obtain this net?***>> Enter “00” for months if less than one month.*** |  |  |  |  |  |  |
| **Months if less than 2 years** | **Months if less than 2 years** | **Months if less than 2 years** |
|  |  |  |  |  |  |
| **Years if 2 years or more**  | **Years if 2 years or more** | **Years if 2 years or more** |
|  |  |  |  |  |  |
| Don’t remember | 98 | Don’t remember | 98 | Don’t remember | 98 |
| Q121 | *>>* ***Observe or ask where the net is located within the house at the time of interview.***Where is the net located now? |  |  |  |  |  |  |
| Hanging loose over sleeping place | 1 **🡪 Q122** | Hanging loose over sleeping place | 1 **🡪 Q122** | Hanging loose over sleeping place | 1 **🡪 Q122** |
| Hanging and folded up or tied over sleeping space | 2 **🡪 Q122** | Hanging and folded up or tied over sleeping space | 2 **🡪 Q122** | Hanging and folded up or tied over sleeping space | 2 **🡪 Q122** |
| Not hanging but not stored away | 3 | Not hanging but not stored away | 3 | Not hanging but not stored away | 3 |
| Stored away unpacked | 4 | Stored away unpacked | 4 | Stored away unpacked | 4 |
| Stored away in a package | 5 | Stored away in a package | 5 | Stored away in a package | 5 |
| Temporarily unavailable at time of interview (e.g. washing, locked in room) | 6 **🡪 Q122** | Temporarily unavailable at time of interview (e.g. washing, locked in room) | 6 **🡪 Q122** | Temporarily unavailable at time of interview (e.g. washing, locked in room) | 6 **🡪 Q122** |
| Q121a | What is the reason the net is not hanging for sleeping? | Net too difficult to hang | 1 | Net too difficult to hang | 1 | Net too difficult to hang | 1 |
| Net is too short | 2 | Net is too short | 2 | Net is too short | 2 |
| No space to hang net | 3 | No space to hang net | 3 | No space to hang net | 3 |
| No one to hang net | 4 | No one to hang net | 4 | No one to hang net | 4 |
| Will hang it later | 5 | Will hang it later | 5 | Will hang it later | 5 |
| Only hang it at night | 6 | Only hang it at night | 6 | Only hang it at night | 6 |
| Saving net until others are worn | 7 | Saving net until others are worn | 7 | Saving net until others are worn | 7 |
| Other | 8 | Other | 8 | Other | 8 |
| Specify |  | Specify |  | Specify |  |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| Q122 | Did anyone sleep under this bed net last night? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **Yes ⇨ Q124** |  | **Yes ⇨ Q124** |  | **Yes ⇨ Q124** |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Q123 | What is the main reason that nobody slept under this bed net last night? |  |  |  |  |  |  |
| No mosquitoes | 1 | No mosquitoes | 1 | No mosquitoes | 1 |
| There is no malaria | 2 | There is no malaria | 2 | There is no malaria | 2 |
| Too hot | 3 | Too hot | 3 | Too hot | 3 |
| Don’t like smell | 4 | Don’t like smell | 4 | Don’t like smell | 4 |
| Feel “closed in” or afraid | 5 | Feel “closed in” or afraid | 5 | Feel “closed in” or afraid | 5 |
| Net too old or torn | 6 | Net too old or torn | 6 | Net too old or torn | 6 |
| Net too dirty | 7 | Net too dirty | 7 | Net too dirty | 7 |
| Net not available last night (washing) | 8 | Net not available last night (washing) | 8 | Net not available last night (washing) | 8 |
| Usual user(s) did not sleep here last night | 9 | Usual user(s) did not sleep here last night | 9 | Usual user(s) did not sleep here last night | 9 |
| Net was not needed last night | 10 | Net was not needed last night | 10 | Net was not needed last night | 10 |
| Other | 11 | Other | 11 | Other | 11 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| Specify other | Specify other | Specify other |
| **All ⇨ Q125** |  | **All ⇨ Q125** |  | **All ⇨ Q125** |  |
| Q124 | Who slept under this bed net last night?***>> Record the person’s line number from the Household Member List.******>> If someone not in the Household Member List slept under the bed net, Enter ‘00’.*** |  |  |  |  |  |  |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| | LINE NUMBER………. | |\_| |
| Q125 | How many nights has this net been used in the last week?  |  |  |  |  |  |  |
| Every night (7 nights) | 1 | Every night (7 nights) | 1 | Every night (7 nights) | 1 |
| Most nights (5-6) | 2 | Most nights (5-6) | 2 | Most nights (5-6) | 2 |
| Some nights (1-4) | 3 | Some nights (1-4) | 3 | Some nights (1-4) | 3 |
| Not used last week | 4 | Not used last week | 4 | Not used last week  | 4 |
| Never been used | 5 | Never been used | 5 | Never been used | 5 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| Q126 | Has this net ever been washed? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **No or DKN ⇨ End** |  | **No or DKN ⇨ End** |  | **No or DKN ⇨ End** |  |
| Q127 | How many times has it been washed in the last 6 months or since it was obtained (if shorter)?***>> Enter “00” if none.*** |  |  |  |  |  |  |

***Probe for any additional nets that may not be in use at the moment, out for drying after washing or temporarily taken to another location (e.g. to the field)***

**SECTION 7: Nets collected for bioassay**

**Only households identified on the HH List as being “Bioassay HHs” should complete Q129 and Q130.**

**Select the first available net that has been used to withdraw for laboratory testing.**

**Do not take a net that is still in the distribution packaging and shows no sign of use.**

| **No** | **Question** | **Categories** | **Skip** |
| --- | --- | --- | --- |
| Q128 | Is this household selected for collection of nets for bioassay? |  |  | **No 🡪 End** |
| Yes | 1 |
| No | 0 |
| Q129 | Record the short ID (4 digits) on the label of the net collected for the bioassay | Bioassay net label number |  |  |
| Q130 | Take a photo of the net ID |  |  |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\* END OF QUESTIONNAIRE \*\*\*\*\*\*\*\*\*\*\*\*\*\*

***Thank the respondents for their time and cooperation.***

**INTERVIEWER NOTES:** Please note any problems you had completing this interview.