[Country] LLIN Durability Monitoring

Follow-up Survey 36 Months – Questionnaire

**IDENTIFICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **District** |  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |  |  |
| **Locality** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |  |   |
| **Cluster Number** |  | **Household Number**  |  |
| **ID Number** | Cluster number followed by Household number  |  | Enter this number at the top of each page |

 **HOUSEHOLD VISIT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B1 | Household visit details | Visit 1 | Visit 2 | Visit 3 |  |
|  | 0 = recipient not home1 = recipient home and consented to interview2 = recipient home but refuse3 = moved away to unknown location |  |  |  |
| 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**

**Go with the respondent through the consent form**

|  |  |  |
| --- | --- | --- |
| **Respondent agrees to be interviewed......................................** | **1** | **Go to Q01** |
| **Respondent does not agree to be interviewed……………….** | **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?\* | 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 box and give number of **months** in 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 |
| 13 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 14 |  |   | 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.**

**SECTION 1: People living in the household (CONTINUED)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Line No.** | **Usual residents and visitors** | **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?\* | 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 box and give number of **months** in next column. **If don’t know write ‘NK’** |
| Q01 | Q02 | Q03 | Q04 | Q05 | Q06 | Q07 |
|  |  |  | M | F | Yes | No | Yes | No |  |
| 15 |  |   | 1 2 | 1 0 | 1 0 |  Years  | Months |
| 16 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 17 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 18 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 19 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 20 |  |   | 1 2 | 1 0 | 1 0 |  Years  | Months |
| 21 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 22 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 23 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 24 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 25 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 26 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 27 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| 28 |  |   | 1 2 | 1 0 | 1 0 |  Years | Months |
| Are there any other persons such as small children or infants that we have not listed? |
| 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 of head of household | 2 |
| Other family member | 3 |
| 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 or DNK ⇨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/Papyrus/Banana leaves  | 1 |
| Thatch | 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, etc)?***>>Ask for both inside the hut and outside*** |  |  |  |
| Q18 | Do you ever store food or crop 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 tap 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 |
| Q21 | What is the main energy source for cooking? |  |  |  |
| Firewood | 1 |
| Charcoal | 2 |
| Kerosene | 3 |
| Gas | 4 |
| Electricity | 5 |
| 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 (feces or damage)? |  |  |  |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q24 | Does the household (any member) have any of the following |  |  |  |
|  | Yes | No |
| Radio | 1 | 0 |
| Television | 1 | 0 |
| Refrigerator | 1 | 0 |
| Electric fan | 1 | 0 |
| Electric iron | 1 | 0 |
| Simple Mobile phone(s) | 1 | 0 |
| Smartphone or Ipad etc | 1 | 0 |
| Computer  | 1 | 0 |
| Q25 | Does the household (any member) have any means of transport? |  |  |  |  |
|  | Yes | No |
| Bicycle | 1 | 0 |
| Motorbike | 1 | 0 |
| Car or truck | 1 | 0 |
| Animal or animal cart | 1 | 0 |
| Canoe, boat or ship | 1 | 0 |
| Q26 | Number of livestock animals the household owns?***>> write 000 if none******>> do not read out list*** | Chicken |  |  |
| Ducks and turkeys |  |
| Goats and sheep |  |
| Pig |  |
| Cows |  |
| Donkeys/Mule |  |
| Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| Q27 | Does the household own land used for agriculture or farming? |  |  | **All⇨Q29** |
| Yes | 1 |
| No | 0 |
| Q28 | If yes, indicate approximate size in hectares (ha)(1 ha=2.5 acres)**>> write 99.9 if unknown** | acres%20box |  |  |
| 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 or DNK** **⇨Q35** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q30 | If yes, 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 XXXX? |  |  |  |
| Q32 | Did your household obtain any mosquito nets since the campaign from any other source? |  |  | **No or DNK ⇨Q35** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q33 | How many nets did your household obtain (received or bought) in total since the campaign including those you may no longer have?  |  |  |  |
| Q34 | Did you obtain any additional mosquito nets from the following sources? |  |  |  |
|  | Yes | No |
| Ante-natal care services | 1 | 0 |
| Health facility/hospital | 1 | 0 |
| Relatives or friends | 1 | 0 |
| Shop or pharmacy | 1 | 0 |
| Market or hawker | 1 | 0 |
| Other | 1 | 0 |
| **The following questions must be addressed to all households** |
| 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 or DNK ⇨Q38** |
| Yes | 1 |
| No | 0 |
| Don’t know | 9 |
| Q36 | What were the sources of that information?***>> multiple answers possible*** |  |  |  |
| Community Health Agent | 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 | Did you discuss caring for or repairing your nets with your family? |  |  |  |
| Yes | 1 |
| No | 0 |
| Q38b | How are nets being used in rain and dry seasons in this household? |  |  |  |
| 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 and I would like you to tell me how confident you are that you could actually 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 |  |

**SECTION3: Net care and repair**

| **No** | **Question** | **Categories** | **Skip** |
| --- | --- | --- | --- |
| We 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?***>> check “1” for all options that apply, “0” if they don’t*** |  |  |  |  |
|  | 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?***>> check “1” for all options that apply, “0” if they don’t*** |  |  |  |  |
|  | 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?***>> check “1” for all options that apply, “0” if they don’t*** |  |  |  | **all⇨Q66** |
|  | Yes | No |
| Household member | 1 | 0 |
| Tailor | 1 | 0 |
| Friend or relative | 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?***>>Do not read the responses aloud. Probe twice with “Any other ways?”*** ***Mark “1” for each response mentioned and “0” for those not*** |  |  |  |  |
|  | 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?***>>Do not read the responses aloud. Probe twice with “Any other ways?”*** ***Mark “1” for each response mentioned and “0” for those not*** |  |  |  |  |
|  | 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 |
| Other | 1 | 0 |
| Specify: |  |  |
|  |  |  |
|  |  |  |  |  |  |
| I am going to read a series of statements to you 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 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?**>> 00 for below 1 month****>> 98 for “do not 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 | 10 | Used by family members elsewhere | 10 | Used by family members elsewhere | 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?***>>Do not read the responses aloud*** |  |  |  |  |  |  |
| Window/door/eave covering | 1 | Window/door/eave covering | 1 | Window/door/eave covering | 1 |
| Protecting plants/seedlings | 2 | Protecting plants/seedlings | 2 | Protecting plants/seedlings | 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 | 6 | Around latrine | 6 | Around latrine | 6 |
| Patch other nets | 7 | Patch other nets | 7 | Patch other nets | 7 |
| Cut up and used for various purposes | 8 | Cut up and used for various purposes | 8 | Cut up and used for various purposes | 8 |
| Other | 9 | Other | 9 | Other | 9 |
| Don’t know | 10 | Don’t know | 10 | Don’t know | 10 |
| Specify other |  | Specify other |  | Specify other |  |
| Q82 | Why did you not keep this net?***>> enter first reason mentioned*** |  |  |  |  |  |  |
| Too many holes | 1 | Too many holes | 1 | Too many holes | 1 |
| Too dirty | 2 | Too dirty | 2 | Too dirty | 2 |
| Not needed  | 3 | Not needed  | 3 | Not needed  | 3 |
| Did not like the net | 4 | Did not like the net | 4 | Did not like the net | 4 |
| Needed the money | 5 | Needed the money | 5 | Needed the money | 5 |
| Other | 6 | Other | 6 | Other | 6 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| Specify other |  | Specify other |  | Specify other |  |
|  |  |  |  |  |  |
| **All ⇨Q111** |  | **All ⇨Q111** |  | **All ⇨Q111** |  |
| Q87 | Where was the net found? |  |  |  |  |  |  |
| Hanging loose over sleeping place | 1 | Hanging loose over sleeping place | 1 | Hanging loose over sleeping place | 1 |
| Hanging and folded up or tied | 2 | Hanging and folded up or tied | 2 | Hanging and folded up or tied | 2 |
| 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 still in package | 5 | Stored away still in package | 5 | Stored away still in package | 5 |
| Q88 | 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 | Was this net slept under by any person 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⇨Q91** |  | **Yes⇨Q91** |  | **Yes⇨Q91** |  |
| Q90 | If no, why not? |  |  |  |  |  |  |
| 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 | 11 | Other | 11 | Other | 11 |
| Don’t know | 98 | Don’t know | 98 | Don’t know | 98 |
| **All⇨Q92** |  | **All⇨Q92** |  | **All⇨Q92** |  |
| Q91 | Who used the net last night? |  | yes | No |  | yes | No |  | yes | No |
| Infant (<1 yr) | 1 | 0 | Infant (<1 yr) | 1 | 0 | Infant (<1 yr) | 1 | 0 |
| Young child (1-4 yrs) | 1 | 0 | Young child (1-4 yrs) | 1 | 0 | Young child (1-4 yrs) | 1 | 0 |
| Older child (5-9 yrs) | 1 | 0 | Older child (5-9 yrs) | 1 | 0 | Older child (5-9 yrs) | 1 | 0 |
| Adolescent (10-19) | 1 | 0 | Adolescent (10-19) | 1 | 0 | Adolescent (10-19) | 1 | 0 |
| Adult | 1 | 0 | Adult | 1 | 0 | Adult | 1 | 0 |
| 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 |
| Net is not used at all | 5 | Net is not used at all | 5 | Net is not used at all | 5 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| Q93 | 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 |
| **0 or 9⇨Q97** |  | **0 or 9⇨Q97** |  | **0 or 9⇨Q97** |  |
| Q94 | How many times has it been washed in the last 6 months ?***>> enter “00” if none*** |  |  |  |  |  |  |
| Q95 | For the last wash, what soap was used? |  |  |  |  |  |  |
| 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 |
| None | 5 | None | 5 | None | 5 |
| Not washed | 6 | Not washed | 6 | Not washed | 6 |
| Q96 | Where was the net dried? |  |  |  |  |  |  |
| 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  | 4 | Inside  | 4 | Inside  | 4 |
| Q97 | Has this net ever had any holes? |  |  |  |  |  |  |
| Yes | 1 | Yes | 1 | Yes | 1 |
| No | 0 | No | 0 | No | 0 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| **0 or 9⇨Q99** |  | **0 or 9⇨Q99** |  | **0 or 9⇨Q99** |  |
| Q98 | How did that happen?***>>tick 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 |
| 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  |  |  |  |  |  |  |
| Q101 | Number of holes size 2 |  |  |  |  |  |  |
| Q103 | Number of holes size 3  |  |  |  |  |  |  |
| Q105 | Number of holes size 4  |  |  |  |  |  |  |
| Q107 | Number of repairs (hole fully closed) |  |  |  |  |  |  |
| Q108 | Number of partial repairs (hole reduced but still there) |  |  |  |  |  |  |
| 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 |
| **0 or 9⇨111** |  | **0 or 9⇨111** |  | **0 or 9⇨111** |  |
| 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** | **Mosquito net 4** | **Mosquito net 5** | **Mosquito net 6** |
| --- | --- | --- | --- | --- |
| We would now like to ask some questions about all the other mosquito nets the household owns and take a look at them  |
| 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 | 1 | PermaNet | 1 | PermaNet | 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 |
| Tailor made | 10 | Tailor made | 10 | Tailor made | 10 |
| Unbranded (no label) | 11 | Unbranded (no label) | 11 | Unbranded (no label) | 11 |
| Other | 99 | Other | 99 | Other | 99 |
| Specify | Specify | Specify |
| Q113 | ***>> Observe or ask the shape of net***What is the shape of the net? |  |  |  |  |  |  |
| Rectangular | 1 | Rectangular | 1 | Rectangular | 1 |
| Conical | 2 | Conical | 2 | Conical | 2 |
| Q114 | ***>> Observe or ask the colour of net***What is the colour of the 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 DNK⇨Q117** |  | **No or DNK⇨Q117** |  | **No or DNK⇨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 | 9 | Don’t remember | 9 | Don’t remember | 9 |
|  |  |  |  |  |  |
| Q117 | 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 more than 2 years | Years if more than 2 years | Years if more than 2 years |
|  |  |  |  |  |  |
| Don’t remember | 98 | Don’t remember | 98 | Don’t remember | 98 |
| Q118 | Where did you obtain this net? |  |  |  |  |  |  |
| Mass campaign  | 1 | Mass campaign  | 1 | Mass campaign  | 1 |
| ANC services | 2 | ANC services | 2 | ANC services | 2 |
| Health Facility | 3 | Health Facility | 3 | Health Facility | 3 |
| Community Agent | 4 | Community Agent | 4 | Community Agent | 4 |
| Mosque or church | 5 | Mosque or church | 5 | Mosque or church | 5 |
| Family or friends | 6 | Family or friends | 6 | Family or friends | 6 |
| Private clinic | 7 | Private clinic | 7 | Private clinic | 7 |
| Pharmacy | 8 | Pharmacy | 8 | Pharmacy | 8 |
| Shop or supermarket | 9 | Shop or supermarket | 9 | Shop or supermarket | 9 |
| Market | 10 | Market | 10 | Market | 10 |
| Hawker | 11 | Hawker | 11 | Hawker | 11 |
| School | 12 | School | 12 | School | 12 |
| NGO | 13 | NGO | 13 | NGO | 13 |
| Other | 14 | Other | 14 | 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 |
|  |  |  |  |  |  |
| Q120 | *>>* ***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 bed/mattress | 1 | Hanging loose over bed/mattress | 1 | Hanging loose over bed/mattress | 1 |
| Hanging and folded up or tied | 2 | Hanging and folded up or tied | 2 | Hanging and folded up or tied | 2 |
| 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 still in package | 5 | Stored away still in package | 5 | Stored away still in package | 5 |
| Temporarily taken away  | 6 | Temporarily taken away  | 6 | Temporarily taken away  | 6 |
| Q121 | Was this net slept under by any person 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⇨Q123** |  | **Yes⇨Q123** |  | **Yes⇨Q123** |  |
| Q122 | If no, why not? | (933,934) |  | (935,936) |  | (937,938) |  |
| 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⇨Q124** |  | **All⇨Q124** |  | **All⇨Q124** |  |
| Q123 | If yes, who used this net |  | yes | No |  | yes | No |  | yes | No |
| Infant (<1 yr) | 1 | 0 | Infant (<1 yr) | 1 | 0 | Infant (<1 yr) | 1 | 0 |
| Young child (1-4 yrs) | 1 | 0 | Young child (1-4 yrs) | 1 | 0 | Young child (1-4 yrs) | 1 | 0 |
| Older child (5-9 yrs) | 1 | 0 | Older child (5-9 yrs) | 1 | 0 | Older child (5-9 yrs) | 1 | 0 |
| Adolescent (10-19) | 1 | 0 | Adolescent (10-19) | 1 | 0 | Adolescent (10-19) | 1 | 0 |
| Adult | 1 | 0 | Adult | 1 | 0 | Adult | 1 | 0 |
| Q124 | 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 |
| Net is not used at all | 5 | Net is not used at all | 5 | Net is not used at all | 5 |
| Don’t know | 9 | Don’t know | 9 | Don’t know | 9 |
| Q125 | 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 |
|  |  |  |  |  |  |
| Q126 | 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)***

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

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

**INTERVIEWER NOTES:** Please note any problems you had with completing the interview for this household.