Durability Monitoring of LLIN in [Country]

Interim Report after [12 or 24] Months Follow-up

[Month Year]

*Logos*

# Executive Summary

~ ½ page for baseline, ½-1 page for later reports

The executive summary should include and address:

• Why durability monitoring is necessary or beneficial in this context, what is being followed (ITN brands and numbers) and where ITNs are being followed (sites).

• Summarize most recent round of data collection with dates and specific numbers

• Summarize the key durability determinants that are being researched

• Discuss challenges associated with this round of data collection

• Summarize the major results with specific numbers and sites

• Concluding paragraph

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# Acknowledgements

Partners, funding, NMCP/MOH, technical assistance, etc.

# Background

* Why is durability monitoring important/necessary in the context of the country
* Past LLIN campaigns (start with first campaign and work toward the most recent campaign) – a few sentences on when they occurred, targeted population (U5s vs. universal coverage), geographic scope (national vs. subnational)
* Latest coverage/use estimates – one sentence (data from DHS or MIS if possible)
* Details on latest campaign (for the cohort being monitored): when it occurred (month/year), # of nets distributed, nationwide vs. subnational, etc.
* Any previous durability monitoring or OR (operational research) that occurred in this country: 2-3 sentence summary of results with citations if available.

# Methods

## Sites

* Province/district/village for each site: Please provide the rationale for site selection including any differences in behavior, climate, previous durability monitoring, or type of ITN that influenced site selection.
* Description: rural/urban, endemicity, net use (if known), other factors (for each site).
* Please introduce table 1 at this point with a sentence

**Table 1:** Socio-demographic and malaria situation in the study areas (*year*); HH=household

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Province**  | **Under-fives with fever receiving malaria test** | **Under-fives positive for malaria (microscopy)** | **Febrile children treated with ACT\*** | **HH with at least one LLIN** | **Population access to LLIN**  | **Population using LLIN last night** |
| *Site 1* |  % |  % |  % |  % |  % |  % |
| *Site 2* |  % |  % |  % |  % |  % |  % |
| *Site 3* |  % |  % |  % |  % |  % |  % |

Figure 1: Site map with GPS points (clusters)



## Brands monitored

* What brand of net was monitored (at what site) and when was the corresponding distribution?
* Please provide the technical specifications of the ITN (material, textile specifics, insecticide with concentration)
* Please indicate WHOPES status of ITNs being monitored (interim of full recommendation and when it was achieved [see WHOPES reports on WHO web-site])

### Preshipment testing

* Please introduce the concept of Preshipment testing, including what parameters are tested and who mandates preshipment testing
* Indicate results of pre-shipment bioassays; obtain from procurement partner (if not available state so).

## Design summary

Please address all of the following:

* What type of study is being conducted (here prospective, longitudinal)
* Please indicate study timeline, the sample size and power of the study, sampling methods (each component should be at least one sentence). [you can find this in the proposal or the docs on the “www.durabilitymonitoring.org” web-site]
* Note any differences between this study’s methodology and the PMI guidelines and state why the decision was taken to deviate from the guideline.
* Discuss how initial community mobilization and sensitization were conducted
* How are nets marked for follow-up?
* How are insecticidal and physical integrity assessed in this study?
* Please indicate when last survey took place

## Field work

The field work section should discuss all of the following:

* Team composition
* Training (include training components, dates of training and participants); Are there plans for future trainings as well, and if so who will attend?
* Supervision (composition and methods)
* Community mobilization procedures
* Challenges encountered in this round of field work, or potential challenges that could create an issue in the future

## Data management

* What devices/tools are used to collect data? Electronic or paper-based?
* What data was collected?
* How was data collected and transferred?
* What was the process for verifying data, and how were inconsistencies addressed?

## Analysis

• How was data transferred for analysis, and what software/version was used for analysis?

• What tests/analytical methods were used to analyze the data?

• Explain the various analysis sections like

o Likert score analysis

o Net integrity and proportionate Hole Index

o Outcome definitions for bio-assay (optimal and minimal effectiveness)

## Ethical Clearance

Please indicate IRB approval from all boards who reviewed the protocol, providing reference numbers

# Results

## Sample

Figure 2: Follow-up status of households recruited at baseline



## Determinants of Durability

**Table 2:** Household risk factors

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable and site** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Ever store food in sleeping room | % | % | % | % |
| Cook in sleeping roomneversometimesalways |  % % % |  % % % |  % % % |  % % % |
| Rodents observed (last 6 m) |  % |  % |  % |  % |
| ***Site 2*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Ever store food in sleeping room |  % |  % |  % |  % |
| Cook in sleeping roomneversometimesalways |  % % % |  % % % |  % % % |  % % % |
| Rodents observed (last 6 m) |  % |  % |  % |  % |
| ***Site 3*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Ever store food in sleeping room |  % |  % |  % |  % |
| Cook in sleeping roomneversometimesalways |  % % % |  % % % |  % % % |  % % % |
| Rodents observed (last 6 m) |  % |  % |  % |  % |

Figure 3: Main type of sleeping place for campaign nets if used



**Table 3:** Handling of campaign nets (IQR=Inter-Quartile-Range)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable and site** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Hanging nets NOT folded or tied |  % |  % |  % |  % |
| Net dried on fence or bush |  % | % | % | % |
| Net ever washed |  % | % | % | % |
| Median washed last 6 m (IQR) |  ( ) |  ( ) |  ( ) |  ( ) |
| Used detergent/bleach for wash |  % |  % |  % |  % |
| ***Site 2*** |  |  |  |  |
| Hanging nets NOT folded or tied |  % |  % |  % |  % |
| Net dried on fence or bush |  % |  % |  % |  % |
| Net ever washed |  % |  % |  % |  % |
| Median washed last 6 m (IQR) |  ( ) | ( ) | ( ) | ( ) |
| Used detergent/bleach for wash |  % |  % |  % |  % |
| ***Site 3*** |  |  |  |  |
| Hanging nets NOT folded or tied |  % |  % |  % |  % |
| Net dried on fence or bush |  % |  % |  % |  % |
| Net ever washed |  % |  % |  % |  % |
| Median washed last 6 m (IQR) | ( ) | ( ) | ( ) | ( ) |
| Used detergent/bleach for wash |  % |  % |  % |  % |

**Table 4:** Exposure to messages on nets in the last six months

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable and site** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Any exposure last 6 m |  % |  % |  % |  % |
| Mean info sources (if exposed) |  |  |  |  |
| Type of mediamedia onlybothIPC only |  % % % |  % % % |  % % % |  % % % |
| ***Site 2*** |  |  |  |  |
| Any exposure last 6 m |  % |  % |  % |  % |
| Mean info sources (if exposed) |  |  |  |  |
| Type of mediamedia onlybothIPC only |  % % % |  % % % |  % % % |  % % % |
| ***Site 3*** |  |  |  |  |
| Any exposure last 6 m |  % |  % |  % |  % |
| Mean info sources (if exposed) |  |  |  |  |
| Type of mediamedia onlybothIPC only |  % % % |  % % % |  % % % |  % % % |

**Table 5:** Recall of messages and attitude towards net care & repair (based on all surveyed households)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable and site** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Recalled “use net (every) night” |  % |  % |  % |  % |
| Recalled “nets prevent malaria” |  % |  % |  % |  % |
| Recalled “care for net” |  % |  % |  % |  % |
| Recalled “repair net” |  % |  % |  % |  % |
| Attitude score care and repairmean (95% CI)% with score > 1.0 |  ( ) % |  ( ) % |  ( ) % |  ( ) % |
| ***Site 2*** |  |  |  |  |
| Recalled “use net (every) night” |  % |  % |  % |  % |
| Recalled “nets prevent malaria” |  % |  % |  % |  % |
| Recalled “care for net” |  % |  % |  % |  % |
| Recalled “repair net” |  % |  % |  % |  % |
| Attitude score care and repairmean (95% CI)% with score > 1.0 |  ( ) % |  ( ) % |  ( ) % |  ( ) % |
| ***Site 3*** |  |  |  |  |
| Recalled “use net (every) night” |  % |  % |  % |  % |
| Recalled “nets prevent malaria” |  % |  % |  % |  % |
| Recalled “care for net” |  % |  % |  % |  % |
| Recalled “repair net” |  % |  % |  % |  % |
| Attitude score care and repairmean (95% CI)% with score > 1.0 |  ( ) % |  ( ) % |  ( ) % |  ( ) % |

**Table 6:** Household experience with care and repair of any nets and actual repairs made in damaged campaign nets (n.a.=not applicable)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable and site** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Ever experienced holes in net |  % |  % |  % |  % |
| Ever discussed care and repair |  % |  % |  % |  % |
| Ever repaired (if had holes) |  % |  % |  % |  % |
| Damaged campaign nets repaired | n.a. | % | % | % |
| ***Site 2*** |  |  |  |  |
| Ever experienced holes in net |  % |  % |  % |  % |
| Ever discussed care and repair |  % |  % |  % |  % |
| Ever repaired (if had holes) |  % |  % |  % |  % |
| Damaged campaign nets repaired | n.a. | % | % | % |
| ***Site 3*** |  |  |  |  |
| Ever experienced holes in net |  % |  % |  % |  % |
| Ever discussed care and repair |  % |  % |  % |  % |
| Ever repaired (if had holes) |  % |  % |  % |  % |
| Damaged campaign nets repaired | n.a. | % | % | % |

## Net Use and Ownership

**Table 7:** Hanging and use of campaign nets from cohort

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Hanging |  % |  % |  % |  % |
| Taken down or stored |  % |  % |  % |  % |
| Still in package |  % |  % |  % |  % |
| Used last night |  % |  % |  % |  % |
| Used every night (last week) |  % |  % |  % |  % |
| ***Site 2*** |  |  |  |  |
| Hanging |  % |  % |  % |  % |
| Taken down or stored |  % |  % |  % |  % |
| Still in package |  % |  % |  % |  % |
| Used last night |  % |  % |  % |  % |
| Used every night (last week) |  % |  % |  % |  % |
| ***Site 3*** |  |  |  |  |
| Hanging |  % |  % |  % |  % |
| Taken down or stored |  % |  % |  % |  % |
| Still in package |  % |  % |  % |  % |
| Used last night |  % |  % |  % |  % |
| Used every night (last week) |  % |  % |  % |  % |

**Table 8:** Hanging and use of non-cohort nets

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XX | N=XX | N=XX | N=XX |
| Hanging |  % |  % |  % |  % |
| Taken down or stored |  % |  % |  % |  % |
| Still in package |  % |  % |  % |  % |
| Used last night |  % |  % |  % |  % |
| Used every night (last week) |  % |  % |  % |  % |
| ***Site 2*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Hanging |  % |  % |  % |  % |
| Taken down or stored |  % |  % |  % |  % |
| Still in package |  % |  % |  % |  % |
| Used last night |  % |  % |  % |  % |
| Used every night (last week) |  % |  % |  % |  % |
| ***Site 3*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Hanging |  % |  % |  % |  % |
| Taken down or stored |  % |  % |  % |  % |
| Still in package |  % |  % |  % |  % |
| Used last night |  % |  % |  % |  % |
| Used every night (last week) |  % |  % |  % |  % |

**Table 9:** Ownership of non-campaign nets and where households obtained them

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Household has any other nets |  % |  % |  % |  % |
| Source public sector |  % |  % |  % |  % |
| Source other campaign\* | % | % | % | % |
| Source private sector | % | % | % | % |
| Source family or friends |  % |  % |  % |  % |
| ***Site 2*** |  |  |  |  |
| Household has any other nets |  % |  % |  % |  % |
| Source public sector |  % |  % |  % |  % |
| Source other campaign\* | % | % | % | % |
| Source private sector |  % |  % |  % |  % |
| Source family or friends |  % |  % |  % |  % |
| ***Site 3*** |  |  |  |  |
| Household has any other nets |  % |  % |  % |  % |
| Source public sector |  % |  % |  % |  % |
| Source other campaign\* | % | % | % | % |
| Source private sector |  % |  % |  % |  % |
| Source family or friends |  % |  % |  % |  % |

\*Previous or subsequent to cohort campaign

**Table 10:** Net users of campaign cohort nets

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** |  |  |  |  |
| Children only\* |  % |  % |  % |  % |
| Children + adults\*\* |  % |  % |  % |  % |
| Adults only\*\* |  % |  % |  % |  % |
| ***Site 2*** |  |  |  |  |
| Children only\* |  % |  % |  % |  % |
| Children + adults\*\* |  % |  % |  % |  % |
| Adults only\*\* |  % |  % |  % |  % |
| ***Site 3*** |  |  |  |  |
| Children only\* |  % |  % |  % |  % |
| Children + adults\*\* |  % |  % |  % |  % |
| Adults only\*\* |  % |  % |  % |  % |

\* Age 0-9 years; \*\* includes adolescents 10-19

**Table 11:** Net users of non-cohort nets (n.a.=not applicable)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Children only\* |  % |  % |  % |  % |
| Children + adults\*\* |  % |  % |  % |  % |
| Adults only\*\* |  % |  % |  % |  % |
| ***Site 2*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Children only\* |  % |  % |  % |  % |
| Children + adults\*\* |  % |  % |  % |  % |
| Adults only\*\* |  % |  % |  % |  % |
| ***Site 3*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Children only\* |  % |  % |  % |  % |
| Children + adults\*\* |  % |  % |  % |  % |
| Adults only\*\* |  % |  % |  % |  % |

\* Age 0-9 years; \*\* includes adolescents 10-19

## Durability of campaign nets

Figure 4: Status of cohort nets recruited at baseline [Site 1]



Figure 5: Status of cohort nets recruited at baseline in [Site 2]



Figure 6: Status of cohort nets recruited at baseline in [Site 3]



**Table 12:** Attrition (including nets lost between campaign and baseline)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Campaign – baseline** | **Campaign –** **12 months** | **Campaign –** **24 months** | **Campaign –** **36 months** |
| ***Site 1*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Given away |  % |  % |  % |  % |
| Discarded (wear & tear) | % | % | % | % |
| Unknown |  % |  % |  % |  % |
| **Total** |  **%** |  **%** |  **%** |  **%** |
| ***Site 2*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Given away |  % |  % |  % |  % |
| Discarded (wear & tear) |  % |  % |  % |  % |
| Unknown |  % |  % |  % |  % |
| **Total** |  **%** |  **%** |  **%** |  **%** |
| ***Site 3*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Given away |  % |  % |  % |  % |
| Discarded (wear & tear) |  % |  % |  % |  % |
| Unknown |  % |  % |  % |  % |
| **Total** |  **%** |  **%** |  **%** |  **%** |

Figure 7: Trends in all cause attrition and wear and treat (discarded nets) as a function of time since distribution

**Table 13:** Physical condition (integrity) of surviving cohort nets (pHI=proportionate Hole Index)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Any holes |  % |  % |  % |  % |
| Median pHI (if any hole) |  |  |  |  |
| Good (pHI<64)  |  % |  % |  % |  % |
| Too torn (pHI>642)  |  % |  % |  % |  % |
| **Serviceable (pHI≤642)** |  **%** |  **%** |  **%** |  **%** |
| ***Site 2*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Any holes |  % |  % |  % |  % |
| Median pHI (if any hole) |  |  |  |  |
| Good (pHI<64)  |  % |  % |  % |  % |
| Too torn (pHI>642)  |  % |  % |  % |  % |
| **Serviceable (pHI≤642)** |  **%** |  **%** |  **%** |  **%** |
| ***Site 3*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Any holes |  % |  % |  % |  % |
| Median pHI (if any hole) |  |  |  |  |
| Good (pHI<64)  |  % |  % |  % |  % |
| Too torn (pHI>642)  |  % |  % |  % |  % |
| **Serviceable (pHI≤642)** |  **%** |  **%** |  **%** |  **%** |

Figure 8: Type of damage mechanisms reported for damaged campaign nets (multiple responses)



**Table 14:** Nets surviving in serviceable condition (including nets discarded before baseline)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Baseline** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Survival estimate |  % |  % |  % |  % |
| 95% CI |  –  |  –  |  –  |  –  |
| Only nets ever used | N=XXX | N=XXX | N=XXX | N=XXX |
| Survival estimate |  % |  % |  % |  % |
| 95% CI | –  | –  | –  | –  |
| ***Site 2*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Survival estimate |  % |  % |  % |  % |
| 95% CI |  – |  – |  – |  – |
| Only nets ever used | N=XXX | N=XXX | N=XXX | N=XXX |
| Survival estimate |  % |  % |  % |  % |
| 95% CI |  –  |  –  |  –  |  –  |
| ***Site 3*** | N=XXX | N=XXX | N=XXX | N=XXX |
| Survival estimate |  % |  % |  % |  % |
| 95% CI | – | – | – | – |
| Only nets ever used | N=XXX | N=XXX | N=XXX | N=XXX |
| Survival estimate |  % |  % |  % |  % |
| 95% CI | – | – | – | – |

Figure 9: Estimated net survival in serviceable condition with 95% confidence intervals (error bars) plotted against hypothetical survival curves with defined median survival.



## Insecticidal effectiveness of campaign nets

**Table 15:** Results from bio-assays

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XX | N=XX | N=XX |
| Knock down 60 minutesMean (95% CI)Median (IQR) | % ( )% ( ) | % ( )% ( ) | % ( )% ( ) |
| Mortality 24 hoursMean (95% CI)Median (IQR) | % ( )% ( ) | % ( )% ( ) | % ( )% ( ) |
| Optimal effectivenessEstimate (95% CI) | % ( ) | % ( ) | % ( ) |
| Minimal effectivenessEstimate (95% CI) | % ( ) | % ( ) | % ( ) |
| ***Site 2*** | N=XX | N=XX | N=XX |
| Knock down 60 minutesMean (95% CI)Median (IQR) | % ( )% ( ) | % ( )% ( ) | % ( )% ( ) |
| Mortality 24 hoursMean (95% CI)Median (IQR) | % ( )% ( ) | % ( )% ( ) | % ( )% ( ) |
| Optimal effectivenessEstimate (95% CI) | % ( ) | % ( ) | % ( ) |
| Minimal effectivenessEstimate (95% CI) | % ( ) | % ( ) | % ( ) |
| ***Site 3*** | N=XX | N=XX | N=XX |
| Knock down 60 minutesMean (95% CI)Median (IQR) | % ( )% ( ) | % ( )% ( ) | % ( )% ( ) |
| Mortality 24 hoursMean (95% CI)Median (IQR) | % ( )% ( ) | % ( )% ( ) | % ( )% ( ) |
| Optimal effectivenessEstimate (95% CI) | % ( ) | % ( ) | % ( ) |
| Minimal effectivenessEstimate (95% CI) | % ( ) | % ( ) | % ( ) |

Figure 10: Results from WHO cone bio-assays: the box plot shows the median (horizontal line), Inter-Quartile-Range (box), adjacent values[[1]](#footnote-2) (wiskers) and outliers (circles)



**Table 16:** Variables related to handling of bio-assay test nets

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XX | N=XX | N=XX |
| Location foundhanging loosehanging folded/tied | %% | %% | %% |
| Type of sleeping placebedmattressmat/ground | %%% | %%% | %%% |
| Net usersyoung child onlyyoung child + adultolder child, adult only | %%% | %%% | %%% |
| ***Site 2*** | N=XX | N=XX | N=XX |
| Location foundhanging loosehanging folded/tied | %% | %% | %% |
| Type of sleeping placebedmattressmat/ground | %%% | %%% | %%% |
| Net usersyoung child onlyyoung child + adultolder child, adult only | %%% | %%% | %%% |
| ***Site 3*** | N=XX | N=XX | N=XX |
| Location foundhanging loosehanging folded/tied | %% | %% | %% |
| Type of sleeping placebedmattressmat/ground | %%% | %%% | %%% |
| Net usersyoung child onlyyoung child + adultolder child, adult only | %%% | %%% | %%% |

**Table 17:** Variables related to use of bio-assay test nets

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XX | N=XX | N=XX |
| Used last night | % | % | % |
| Use last weekevery nightmost (5-6)some (1-4)not useddon’t know | %% % % % | %% % % % | %% % % % |
| Seasonal useequally rain and drymainly rainrain only | %% % | %% % | %% % |
| ***Site 2*** | N=XX | N=XX | N=XX |
| Used last night | % | % | % |
| Use last weekevery nightmost (5-6)some (1-4)not useddon’t know | %% % % % | %% % % % | %% % % % |
| Seasonal useequally rain and drymainly rainrain only | %% % | %% % | %% % |
| ***Site 3*** | N=XX | N=XX | N=XX |
| Used last night | % | % | % |
| Use last weekevery nightmost (5-6)some (1-4)not useddon’t know | %% % % % | %% % % % | %% % % % |
| Seasonal useequally rain and drymainly rainrain only | %% % | %% % | %% % |

**Table 18:** Variables related to washing of bio-assay test nets

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **12 months** | **24 months** | **36 months** |
| ***Site 1*** | N=XX | N=XX | N=XX |
| Ever washed | % | % | % |
| Washes last 6 month (all) MeanMedian |  |  |  |
| Washes last 6 month (if washed) MeanMedian |  |  |  |
| Soap usedcountry soap bardetergent or bleachmix | %% % | %% % | %% % |
| ***Site 2*** | N=XX | N=XX | N=XX |
| Ever washed | % | % | % |
| Washes last 6 month (all) MeanMedian |  |  |  |
| Washes last 6 month (if washed) MeanMedian |  |  |  |
| Soap usedcountry soap bardetergent or bleachmix | %% % | %% % | %% % |
| ***Site 3*** | N=XX | N=XX | N=XX |
| Ever washed | % | % | % |
| Washes last 6 month (all) MeanMedian |  |  |  |
| Washes last 6 month (if washed) MeanMedian |  |  |  |
| Soap usedcountry soap bardetergent or bleachmix | %% % | %% % | %% % |

# Summary and Conclusion

Synthesize results across sections

* Discuss interesting, striking, or noteworthy results; 1.5-2 pages.
* Recommended paragraphs
* Summarize # of households and nets achieved against targets; describe household characteristics and any major differences
* Summarize % nets with holes, reasons for damage, main factors associated with net durability, and any differences between sites.
* Continue describing repair behaviors, message exposure, attitudes, implications of these.
* Net use messaging and proportions of nets in use, in packaging, possible explanations or implications of these. Frequency of net use.
* Net condition and differences between sites; attrition and reasons for attrition; lost nets.
* ITN universal coverage and population access as indicators of campaign success; proportion of nets serviceable at baseline, and estimate of campaign nets surviving in serviceable condition.
* Include challenges and potential future issues that need to be addressed prior to future rounds of data collection
1. Adjacent values: +/- 1.5 \* Inter-Quartile-Range [↑](#footnote-ref-2)