



The Alliance for  
Malaria Prevention

New elearning Launch

# Assessing the quality of ITN campaign using cLQAS

6

MODULES

2h

SELF-PACED

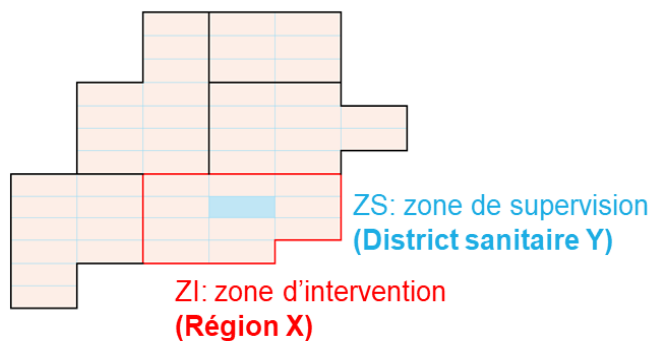
Free

NO PREREQUISITES



# What are LQAS-based survey methods?

- Lot quality assurance sampling uses a *limited number of observations* to distinguish between areas, "lots", that meet and do not meet a target threshold.
- Results from multiple lots can be combined to calculate a coverage point estimate.



Like all surveys, quality depends on planning & implementation: sample size · sampling · questionnaire design · fieldwork · analysis · interpretation.

## A SINGLE LOT ASKS

“Did at least **80%** of households receive the correct number of ITNs during the mass campaign?”

→ BINARY · PASS / FAIL

## A GROUP OF LOTS ASKS

“What **percentage** of households received the correct number of ITNs?” , with 95% confidence intervals.

→ POINT ESTIMATE · COVERAGE

# ITN campaign quality assessments using LQAS

AMP has developed two cLQAS-based assessments for mass campaigns (adapted from GPEI, 60 households per lot)

## In-process

### Household registration

During HHR — so corrective action can be taken immediately

#### Key questions

- Are all households registered?
- Do teams count household size correctly?

#### Key outputs

- Daily analysis with next-day feedback
- Tracking of error types and causes
- Real-time performance dashboards

## End-process

### ITN distribution

After distribution — assesses campaign performance

#### Key questions

- Do households receive the correct number of ITNs?
- What is household access and ITN use?

#### Key outputs

- Lot classification table by district
- Coverage point estimates with 95% CIs
- Data for post-campaign SBC activities

# Who is this course for?

Anyone involved in planning, implementing, monitoring, or evaluating ITN distribution campaigns

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## **Campaign managers and supervisors**

Field staff overseeing household registration and ITN distribution who want real-time quality assurance.

## **M&E officers and data analysts**

National programme staff who collect, analyse, and report campaign assessment data.

## **Technical assistance providers**

TA and partners supporting countries to design and implement campaigns and assessments.

## **Programme planners and grant managers**

Those linking assessment evidence to grant results and reporting.

# Free training on the IFRC Learning Platform

Six modules. Two hours. Self-paced.

The screenshot displays the IFRC Learning Platform interface. On the left, a blue sidebar contains the course title 'AMP ITN Mass Distribution Campaign cLQAS Assessment' and a progress indicator '17%'. Below the title is a list of six modules, each with a circular progress indicator: 'An introduction to ITN campaign assessment' (checked), 'In-process assessment of household registration', 'In-process assessment data analysis', 'End-process assessment of ITN distribution', 'End-process assessment data analysis', and 'Lessons learned'. The main content area features a header image of people with the text 'In-process assessment'. Below this is the title 'HHR in-process assessment analysis steps' and a paragraph: 'Data analysis and reporting for the in-process assessment broadly follow the **same steps each day** during the assessment, but the **focus on results shifts** according to the day of assessment.' Below the text is a timeline table with the instruction: 'Select each '+' on the timeline table below to understand what happens on each day during HHR in South Namora'. The table has three rows: 'HHR Day' (days 1-10), 'Assessment Day' (days 1-6), and 'Analysis focus' (day 1).

HHR Day	1	2	3	4	5	6	7	8	9	10	...
Assessment Day		+	+	+	+	+	+				
Analysis focus	+										

## Six modules

- 1 Introduction to ITN campaign assessment
- 2 In-process household registration
- 3 In-process data analysis
- 4 End-process ITN distribution
- 5 End-process data analysis
- 6 Lessons learned

[View on the IFRC Learning Platform](#)



# How to access the course

**1** Go to the IFRC Learning Platform  
<https://allianceformalariaprevention.com/resources/online-training-courses/assessment-procedures/>

Registration is free.

**2** Search for the course by title or keyword:  
*Assessing the quality of ITN mass distribution campaign household registration and distribution using cLQAS.*

**3** Enrol and start at your own pace  
Work through the six modules in any order. Progress is saved between sessions.



Learning  
Platform

A screenshot of the IFRC Learning Platform login page. The page has a red background. At the top right, there is a language dropdown menu set to 'English (UK)'. Below this are two white input fields: 'user ID' and 'password'. A dark red 'login' button is positioned below the password field. At the bottom left, there is a link for 'new user not yet registered?' with a white 'register' button. At the bottom right, there is a white 'forgot password' button.

KEYWORDS

cLQAS

ITN distribution

household registration

campaign M&E

malaria

coverage assessment

# Downloadable toolkit

Everything to plan, run, analyse and report a cLQAS-based assessment.

## Protocols

Word-based protocols for in-process and end-process assessments.

## Questionnaires

Word format and ODK-ready Excel files for digital data collection.

## Dummy tables

Pre-formatted output tables for standard data structures.

## R scripts

Cleaning and analysis scripts with R Markdown report generation.

## Dummy datasets

Practice data to explore formats and test analysis scripts.

## Online training

Free self-paced training via the IFRC Learning Platform.

AVAILABLE ON GITHUB

Alliance-for-Malaria-Prevention / **amp-clqas-toolkit**















Alliance-for-Malaria-Prevention / **amp-clqas-toolkit** Public

<> Code Issues Pull requests Actions Projects Security and quality Insights

main 1 Branch 0 Tags

Go to file

Code

 <b>edsternberg</b> Update to gitignore to add files that are generated by running Markdown	61871c3 · last month	5 Commits
 Dummy data	Initial commit	2 months ago
 Dummy tables	Copy-edits to documents (protocol, Word version of questio...	last month
 Protocols	Copy-edits to documents (protocol, Word version of questio...	last month
 Questionnaires	Copy-edits to documents (protocol, Word version of questio...	last month
 .gitignore	Update to gitignore to add files that are generated by runnin...	last month
 0 Create in-process dummy data.R	Initial commit	2 months ago
 1 In-process check and clean.R	Initial commit	2 months ago
 2 In-process interim reporting.Rmd	Corrected a space in the file name for Excel export of reasons...	last month
 3 In-process final report template.Rmd	Initial commit	2 months ago
 4 End-process check and clean.R	Initial commit	2 months ago
 5 End-process interim reporting.Rmd	Copy-edits to documents (protocol, Word version of questio...	last month
 5-End-process-interim-reporting.docx	Initial commit	2 months ago
 Kobo_credentials_generic.R	Initial commit	2 months ago

 [github.com/Alliance-for-Malaria-Prevention](https://github.com/Alliance-for-Malaria-Prevention)

# Acknowledgements

We would like to thank the following contributors for their valuable support in developing this training.

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Thank you