

# CLTS Implementation in Malawi: Lessons from Process Evaluation of a Sanitation and Hygiene Intervention

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# Background

- Access to improved Water, Sanitation and Hygiene (WASH) is integral to public health and fundamental human rights 1,2.
- Community-led total sanitation (CLTS) approach is used to promote sanitation and hygiene.
- The effectiveness of CLTS is generally mixed 3.
- CLTS is integrated in Malawi's national strategy for sanitation 4

### Research Aim

To evaluate the process of CLTS delivery in Malawi for informed sustainable behaviour change.

# Methodology



Figure 1: Map Africa, showing Malawi Study design

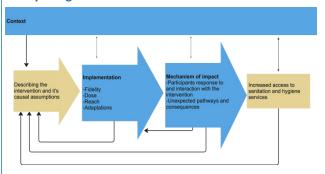


Figure 2: Process evaluation framework<sup>5</sup>

#### Data collection tools

- Household survey (n=1151)
- Focus group discussions (n=14)
- Interviews (n=36)
- Review of project documents (log frame & reports)



Figure 3: FGD with task force leaders

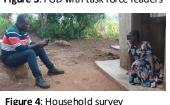


Figure 5: Triggering form

#### Results





Figure 6: Triggering session

Figure 7: Household latrine

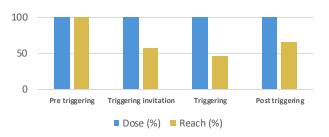


Figure 8: Intervention dose and reach



Table1: Logistic regression estimation with availability of pit latrine and handwashing facility as the outcomes

Variable	Latrine availability		Handwashing facility availability	
	OR	CI	OR	CI
Attended				
triggering only				
(n=98)	1.39	[0.87, 2.21]	0.89	[0.57, 1.39]
Attended follow				
up visit only				
(n=300)	8.0	[0.60, 1.06]	0.95	[0.71, 1.27]
Exposed to both				
triggering and				
follow up (n=431)	1.46	[1.12, 1.90]	1.3	[1.00, 1.68]

## Study implications

- Maintaining fidelity of triggering sessions must be prioritised to achieve initial sanitation and hygiene improvements
- Attending both triggering session and follow up household visits should be promoted to enhance behaviour change
- The promotion of handwashing facilities and associated behaviours in CLTS implementation requires equal emphasis to the promotion of latrine

## **Next steps**

- Evaluate the process and feasibility of integrating Care Group model in delivering CLTS approach in Malawi
- Estimate WTP for improved sanitation through contingent valuation (CV) study

References

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