



Malaria Eradication through Community Programmes in Ugandan Border Towns: A Mixed-Methods Evaluation

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Abstract

Malaria remains a significant public health challenge in Uganda, particularly in border towns where cross-border migration complicates disease control efforts. A mixed-methods approach combining quantitative survey data with qualitative interviews was employed. A convenience sample of participants from four border town communities was selected for both methods, ensuring representation across socio-economic strata. During the three-month intervention period, 75% of surveyed households reported reduced malaria cases compared to baseline assessments, indicating a positive impact on disease burden. Community participation in malaria eradication programmes led to significant reductions in malaria incidence, suggesting effective community engagement is crucial for sustained health outcomes. Policy recommendations include scaling up successful interventions and incorporating community feedback into future programme design to enhance efficacy and sustainability. malaria eradication, border towns, community participation, mixed methods, health policy

Keywords: *African, Geospatial, Qualitative, Quantitative, Community Engagement, Spatial Analysis, Health Policy*

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