



# Community-Based Breastfeeding Promotion Programme in Kibera Slums, Nairobi: Acceptability and Health Outcomes Analysis

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## Abstract

Breastfeeding is crucial for infant health in Kibera slums, where access to healthcare is limited and breastfeeding practices are often suboptimal. A mixed-methods approach combining qualitative interviews and quantitative surveys will assess the programme's effectiveness and participants' satisfaction. The survey indicated that 85% of participating mothers reported an improvement in knowledge about breastfeeding, with a mean score on a nine-point scale for infant health outcomes increasing from baseline to follow-up. The promotion programme was well-received by the community and showed positive effects on both knowledge acquisition and infant health metrics. Further research should explore long-term sustainability and scalability of this model in other urban slum settings. Treatment effect was estimated with  $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *African geography, breastfeeding practices, community engagement, longitudinal study, qualitative methods, public health interventions, socio-economic factors*

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