



Impact Evaluation of School-Based Health Insurance Programmes on Immunization Coverage in Kenya's Informal Settlements,

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Abstract

In Kenya's informal settlements, immunization coverage remains suboptimal despite government efforts. A mixed-methods approach combining survey data and qualitative interviews to assess programme effectiveness. School-based health insurance significantly increased immunization uptake by 20% (95% CI: 14-26%) compared to control schools. The findings suggest that integrating health insurance into school systems can enhance vaccination rates in informal settlements. Scaling up the programme and expanding coverage to other regions is recommended. immunization, health insurance, Kenya, informal settlements Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African Context, Immunization Coverage, Mixed-Methods Approach, School-Based Health Insurance, Programme Evaluation, Community Engagement, Public Health Impact Analysis

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