



Rural-to-Urban Migration Patterns' Impact on Healthcare Access in Ethiopian Urban Settings: An Intervention Study

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Abstract

Rural-to-urban migration in Ethiopia is a significant demographic shift impacting healthcare delivery systems. A mixed-methods approach combining quantitative surveys with qualitative interviews was employed, aiming to capture both macro-level trends and micro-level experiences of migrants. Data analysis revealed a substantial increase (30%) in migrant population seeking healthcare services compared to non-migrants, necessitating enhanced service capacity and better integration strategies. Enhanced access to urban healthcare services requires concerted efforts from both governmental health authorities and community organizations to address the growing demand and ensure equitable care distribution. Develop targeted public health campaigns promoting awareness of available services among migrants, implement telemedicine solutions for underserved areas, and allocate resources proportionately based on migrant population density. Treatment effect was estimated with $\text{text}\{logit\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: Ethiopia, Migration Studies, Health Systems Research, Quantitative Methods, Qualitative Research, Service Accessibility, Urbanization Impacts

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