



## Community Health Clinics and Maternal Health in Nairobi's Slums: A Longitudinal Comparative Analysis

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### Abstract

This study examines the impact of Community Health Clinics (CHCs) on maternal health outcomes in Nairobi's slums over a five-year period. Data from five years of longitudinal studies conducted at four CHCs were analysed using descriptive statistics and thematic analysis. CHCs reported a significant reduction in maternal deaths by 25% compared to pre-CHC baseline rates, with a notable increase in antenatal care utilization among women. The findings suggest that CHCs play a crucial role in improving maternal health outcomes and can be effective when adequately supported and staffed. Investment in training for CHC staff and provision of essential supplies are recommended to enhance their effectiveness.

**Keywords:** *African geography, maternal health outcomes, community health clinics, Nairobi slums, longitudinal studies, public health interventions, spatial analysis*

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