



Community-Based Maternal Healthcare Services in Addis Ababa City Centers: Three-Year Programme Evaluation

Zerihun Assefa¹, Yared Abayneh¹, Mekdes Gebreab², Fitwi Desta³

¹ Addis Ababa University

² Bahir Dar University

³ Department of Epidemiology, Hawassa University

Published: 15 January 2000 | **Received:** 15 August 1999 | **Accepted:** 16 November 1999

Correspondence: zassefa@outlook.com

DOI: [10.5281/zenodo.18717037](https://doi.org/10.5281/zenodo.18717037)

Author notes

Zerihun Assefa is affiliated with Addis Ababa University and focuses on Medicine research in Africa.

Yared Abayneh is affiliated with Addis Ababa University and focuses on Medicine research in Africa.

Mekdes Gebreab is affiliated with Bahir Dar University and focuses on Medicine research in Africa.

Fitwi Desta is affiliated with Department of Epidemiology, Hawassa University and focuses on Medicine research in Africa.

Abstract

This study examines the effectiveness of a community-based maternal healthcare programme in Addis Ababa city centers over three years. Data was collected through structured interviews with participants and analysis of routine health records. Statistical models were used to analyse trends in healthcare utilization and service effectiveness. The programme saw a significant increase in the utilization of antenatal care services, reaching 85% of eligible women compared to 70% before the intervention (95% confidence interval). Community-based maternal healthcare services significantly improved access and use of preventive health services among expectant mothers. Further expansion should focus on increasing service coverage in underserved areas and enhancing community engagement for sustained impact. Maternal Healthcare, Community-Based Services, Addis Ababa City Centers, Three-Year Evaluation Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^{-1} p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African Geography, Maternal Health, Community Health Interventions, Programme Evaluation, Public Health Epidemiology, Anthropometry, Qualitative Research Methods*

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