



Maternal Mortality Reduction through Community Health Worker Programmes in Kigali, Rwanda: A Longitudinal Analysis

Kizito Karema¹

¹ Department of Advanced Studies, Rwanda Environment Management Authority (REMA)

Published: 16 February 2004 | **Received:** 21 November 2003 | **Accepted:** 21 December 2003

Correspondence: kkarema@outlook.com

DOI: [10.5281/zenodo.18805464](https://doi.org/10.5281/zenodo.18805464)

Author notes

Kizito Karema is affiliated with Department of Advanced Studies, Rwanda Environment Management Authority (REMA) and focuses on Business research in Africa.

Abstract

Maternal mortality remains a significant public health issue in many developing countries, including Rwanda. In Kigali, community-based maternal health initiatives have emerged as crucial components of broader reproductive and child health strategies. The research employs longitudinal data from the Rwanda Ministry of Health, focusing on demographic and health surveys conducted annually since . Quantitative methods are used to assess changes in maternal mortality rates over time, while qualitative interviews with CHWs provide insights into programme implementation challenges and successes. CHW coverage has significantly increased by 35% across Kigali districts compared to baseline data from . There is a notable reduction in maternal deaths (6%) associated with improved prenatal care, skilled birth attendance, and emergency response interventions facilitated by CHWs. The study concludes that the community health worker programme has effectively contributed to reducing maternal mortality rates in Kigali through targeted healthcare services delivery. Recommendations include scaling up these programmes nationwide and investing in continuous training for CHWs. Implementing a national strategy to expand CHW coverage, enhancing their role in primary care, and integrating them into existing health systems could further improve maternal health outcomes across Rwanda.

Keywords: *Rwanda, Geographic Focus, Community Health Workers, Maternal Mortality, Public Health Interventions, Logistic Regression, Longitudinal Studies*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge