



# Rural Maternal Health Improvement Through Community Health Worker Programmes: A Comparative Analysis in Rwanda

Akabwali Bizimana<sup>1,2</sup>, Ndayishimiye Gatera<sup>3</sup>, Kigeru Mukantatira<sup>4</sup>

<sup>1</sup> University of Rwanda

<sup>2</sup> Rwanda Environment Management Authority (REMA)

<sup>3</sup> African Leadership University (ALU), Kigali

<sup>4</sup> Department of Interdisciplinary Studies, Rwanda Environment Management Authority (REMA)

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**Correspondence:** [abizimana@aol.com](mailto:abizimana@aol.com)

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## Author notes

*Akabwali Bizimana is affiliated with University of Rwanda and focuses on Law research in Africa.*

*Ndayishimiye Gatera is affiliated with African Leadership University (ALU), Kigali and focuses on Law research in Africa.*

*Kigeru Mukantatira is affiliated with Department of Interdisciplinary Studies, Rwanda Environment Management Authority (REMA) and focuses on Law research in Africa.*

## Abstract

Maternal health in rural areas of Rwanda has been a focus for development interventions aimed at improving healthcare access and quality. The research employs longitudinal data analysis techniques to examine CHW initiatives implemented between and across different regions of Rwanda. The study uses quantitative methods including regression models and thematic content analysis of community feedback surveys. CHWs reported a significant improvement in prenatal care utilization, with a 30% increase in mothers attending at least four antenatal visits compared to pre-programme levels. Community health worker programmes have been effective in increasing maternal healthcare access and quality, though regional variations suggest the need for tailored interventions. Rural policymakers should prioritise CHW training programmes that emphasise communication skills and community engagement. Future research could explore the long-term sustainability of these programmes.

**Keywords:** *Rural, Health Equity, Community-Based Interventions, Maternal Mortality Reduction, Public Health Systems, Epidemiology, Qualitative Research Methods*

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