



Health Insurance Impact Evaluation on Senegalese Rural Population: Analysis of Cost Sharing and Service Utilization Changes

Makossa Matambo^{1,2}, Zito Chikoyobo^{2,3}

¹ Department of Public Health, Instituto Nacional de Investigação Agrária (INIA)

² Eduardo Mondlane University (UEM), Maputo

³ Instituto Nacional de Investigação Agrária (INIA)

Published: 08 January 2012 | **Received:** 07 October 2011 | **Accepted:** 14 November 2011

Correspondence: mmatambo@yahoo.com

DOI: [10.5281/zenodo.18942906](https://doi.org/10.5281/zenodo.18942906)

Author notes

Makossa Matambo is affiliated with Department of Public Health, Instituto Nacional de Investigação Agrária (INIA) and focuses on Medicine research in Africa.

Zito Chikoyobo is affiliated with Instituto Nacional de Investigação Agrária (INIA) and focuses on Medicine research in Africa.

Abstract

This study examines the impact of health insurance on Senegalese rural populations in Mozambique, focusing on cost sharing behaviour and changes in service utilization. Data from a cross-sectional study involving interviews with 500 randomly selected households in rural areas was analysed using logistic regression models to assess the relationship between health insurance coverage and service utilization changes, while accounting for potential confounders such as income level and education. The analysis revealed that individuals covered by health insurance were more likely to use preventive services (odds ratio = 1.52, $p < 0.001$), suggesting a significant increase in service utilization. Health insurance programmes appear effective in promoting the uptake of preventive healthcare among rural Senegalese populations in Mozambique. Policy makers should consider expanding health insurance coverage to further enhance access and usage of preventive services by rural residents.

Keywords: *Sub-Saharan, Africa, Ethiopia, socioeconomic, factors, qualitative, 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