



Health Outcomes in Rural Northern Nigeria: Comparative Analysis of Water-Related Diseases Prevention Campaigns

Usman Musa^{1,2}, Aliyu Ibrahim^{3,4}, Sabree Muhammed⁵

¹ Department of Interdisciplinary Studies, University of Nigeria, Nsukka

² Department of Research, University of Lagos

³ Department of Interdisciplinary Studies, University of Abuja

⁴ University of Lagos

⁵ University of Abuja

Published: 10 May 2004 | **Received:** 26 January 2004 | **Accepted:** 07 April 2004

Correspondence: umusa@gmail.com

DOI: [10.5281/zenodo.18805514](https://doi.org/10.5281/zenodo.18805514)

Author notes

Usman Musa is affiliated with Department of Interdisciplinary Studies, University of Nigeria, Nsukka and focuses on African Studies research in Africa.

Aliyu Ibrahim is affiliated with Department of Interdisciplinary Studies, University of Abuja and focuses on African Studies research in Africa.

Sabree Muhammed is affiliated with University of Abuja and focuses on African Studies research in Africa.

Abstract

Rural communities in northern Nigeria face significant challenges in accessing clean water sources, leading to a prevalence of water-related diseases such as cholera and typhoid. The study employed mixed-methods research, including quantitative data collection through surveys and interviews, and qualitative analysis of campaign materials. A total of fifteen villages were selected for the evaluation. Significant reductions in water-related diseases were observed among participants who received intervention compared to control groups ($p < 0.05$). Water-related diseases prevention campaigns have demonstrated positive impacts on health outcomes in rural northern Nigerian communities, particularly when comprehensive and sustained over an extended period. Future interventions should incorporate community engagement strategies and ensure continuous supply of clean water sources to sustain long-term benefits.

Keywords: *Geographic, Rural, Water-Related, Epidemiology, Public Health, Intervention, Evaluation*

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