



Public-Private Partnerships and Community Health in Rural Water Supply Initiatives: A Comparative Analysis in Kenya,

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Published: 26 July 2008 | **Received:** 27 February 2008 | **Accepted:** 30 May 2008

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DOI: [10.5281/zenodo.18879810](https://doi.org/10.5281/zenodo.18879810)

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Abstract

Public-Private Partnerships (PPPs) have been increasingly adopted in rural water supply initiatives to enhance service delivery and accessibility. The comparative analysis employs quantitative data from two rural communities implementing different PPP models for water supply. Data collection includes pre- and post-project surveys measuring hygiene practices and disease prevalence. A notable finding is that the community with an integrated health-focused PPP model saw a significant reduction in diarrheal diseases by 25% compared to the control group. Public-Private Partnerships can effectively improve water supply services, leading to tangible improvements in community health outcomes when aligned with public health objectives. Governments and stakeholders should prioritise integrating health-focused PPPs into rural water supply programmes for enhanced service efficacy and population health benefits. Public-Private Partnerships, Rural Water Supply, Community Health, Kenya

Keywords: *African Geography, Community Health Impact, Public-Private Partnerships, Rural Development, Water Supply Systems, Stakeholder Analysis, Policy Evaluation*

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