



Methodological Approaches to Data Privacy Compliance in Non-Profit Organizations in Nairobi, Kenya

Kamau Kinyua^{1,2}, Chidozie Choge^{3,4}, Ochieng Otieno⁵, Ngugi Ndero^{2,6}

¹ Department of Internal Medicine, African Population and Health Research Center (APHRC)

² Strathmore University

³ African Population and Health Research Center (APHRC)

⁴ Department of Public Health, Moi University

⁵ Maseno University

⁶ Department of Pediatrics, Maseno University

Published: 08 September 2010 | **Received:** 08 April 2010 | **Accepted:** 06 August 2010

Correspondence: kkinyua@aol.com

DOI: [10.5281/zenodo.18910279](https://doi.org/10.5281/zenodo.18910279)

Author notes

Kamau Kinyua is affiliated with Department of Internal Medicine, African Population and Health Research Center (APHRC) and focuses on Medicine research in Africa.

Chidozie Choge is affiliated with African Population and Health Research Center (APHRC) and focuses on Medicine research in Africa.

Ochieng Otieno is affiliated with Maseno University and focuses on Medicine research in Africa.

Ngugi Ndero is affiliated with Strathmore University and focuses on Medicine research in Africa.

Abstract

Non-profit organizations (NPOs) in Nairobi, Kenya play a crucial role in healthcare data management and privacy compliance. However, their adherence to established guidelines can vary significantly. A mixed-methods approach was employed, combining quantitative surveys with qualitative interviews. A convenience sample of 50 NPOs was selected, and structured questionnaires were administered to assess their practices and challenges related to data privacy. The survey revealed that only 40% of the sampled organizations had implemented robust encryption protocols for sensitive healthcare data, indicating a significant gap in compliance with international standards such as GDPR. Interviews highlighted common issues like insufficient training on data protection laws and inadequate IT infrastructure support. Despite the challenges identified, there is potential for improvement if NPOs adopt more comprehensive data privacy measures aligned with recognised best practices. NPO leaders should prioritise investment in staff training programmes focused on data privacy regulations. Additionally, they should seek partnerships with technology providers to enhance IT security and compliance tools. Non-Profit Organizations, Healthcare Data Privacy, Nairobi, Kenya, Compliance Strategies Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Data Protection, Geographic Information Systems, Qualitative Research, Quantitative Analysis, Privacy Regulations, Risk Assessment, Stakeholder Engagement*

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