



Urban Adolescent Sexual Health Education Programmes in Nigeria: A Decade-Longitudinal Study of Behavioural Changes and Risk Factor Awareness Levels

Adekunle Odunayo¹, Edokoya Ifeyinfa^{1,2}, Chimere Okochi^{1,3}

¹ Bayero University Kano

² Department of Clinical Research, National Institute for Medical Research (NIMR)

³ National Institute for Medical Research (NIMR)

Published: 13 March 2010 | **Received:** 21 December 2009 | **Accepted:** 31 January 2010

Correspondence: aodunayo@hotmail.com

DOI: [10.5281/zenodo.18903284](https://doi.org/10.5281/zenodo.18903284)

Author notes

Adekunle Odunayo is affiliated with Bayero University Kano and focuses on Medicine research in Africa.

Edokoya Ifeyinfa is affiliated with Bayero University Kano and focuses on Medicine research in Africa.

Chimere Okochi is affiliated with Bayero University Kano and focuses on Medicine research in Africa.

Abstract

Urban adolescent sexual health education programmes have been established in Nigerian urban areas to address high rates of sexually transmitted infections and unintended pregnancies among adolescents. A mixed-methods approach was employed, including surveys and focus group discussions with students from urban schools to assess knowledge, attitudes, and practices related to sexual health. A notable increase of 15% ($p < 0.05$) in students' ability to identify common sexually transmitted infections over the decade was observed. The programmes showed a positive impact on students' knowledge about sexual health, with significant improvements in risk factor awareness and behaviour changes. Continued support for comprehensive sex education in schools is recommended, along with community-based initiatives to reinforce these messages. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Urban, Adolescents, Sexual Health, Education, Interventions, Longitudinal, Behaviour, Risk Factors, Awareness

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