



# School-Based HIV/AIDS Education Interventions in Northern Ghana Youth Groups: An Evaluation Study

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**Published:** 22 July 2003 | **Received:** 25 April 2003 | **Accepted:** 29 May 2003

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**DOI:** [10.5281/zenodo.18778716](https://doi.org/10.5281/zenodo.18778716)

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## Abstract

HIV/AIDS remains a significant health challenge in Northern Ghana, particularly among youth groups. A mixed-methods approach including pre- and post-intervention surveys and focus group discussions to assess knowledge, attitudes, and practices related to HIV/AIDS among participants. A significant increase ( $p < 0.05$ ) of 23% in correct responses regarding HIV transmission methods was observed after the intervention compared to baseline. School-based education interventions effectively improved youth's knowledge about HIV/AIDS, though further sustained engagement is needed for long-term impact. Continue and expand HIV/AIDS education programmes with ongoing support from schools, communities, and local health authorities. Treatment effect was estimated with  $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** African, Evaluation, Health Education, Intervention, Methodology, Prevention, Youth

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