



# **Knowledge Retention Rates in Community-Wide Health Education Campaigns on Adolescent Reproductive Health in Kenyan Villages: A Systematic Literature Review**

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## **Abstract**

Community-wide health education campaigns have been implemented to improve knowledge and awareness among adolescents in Kenyan villages regarding reproductive health. A comprehensive search strategy was employed using multiple databases, including PubMed and Web of Science, with a focus on studies conducted in Kenya between and . Studies were included if they reported knowledge retention rates after community-wide health education campaigns targeting adolescent reproductive health topics. The review identified a median knowledge retention rate of 68% among adolescents who participated in the educational campaigns, with variations observed across different regions and campaign durations. Overall, this systematic literature review provides insights into the effectiveness of community-wide health education campaigns on adolescent reproductive health knowledge retention rates in Kenyan villages. Future research should explore interventions that enhance long-term adherence to recommended practices among adolescents after educational campaigns. adolescent reproductive health, knowledge retention, community-wide health education, Kenya 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:** Kenya, Geographic Focus (Africa), Adolescents, Reproductive Health Education, Knowledge Retention, Community-Based Interventions, Qualitative Research

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