



# Integration of School-Based Health Services into Rural Kenyan Primary Schools: Economic Impact and Access Analysis Over Two Years

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### Abstract

School-based health services (SBHS) have been implemented in rural primary schools to improve students' health and reduce absenteeism. However, their long-term economic impact and accessibility remain underexplored. A mixed-methods approach combining surveys and focus groups was employed to assess student attendance, health service utilization, and cost-effectiveness. Data from 100 randomly selected schools were analysed. There was a significant increase ( $p < 0.05$ ) in school days attended by students who received SBHS compared to those without, indicating improved access and usage of services. SBHS led to substantial cost savings for families and the government, with an estimated 10 per student per year reduction in healthcare costs. Further studies should be conducted to assess scalability and sustainability.  $\text{logit}(\pi) = \beta_0 + \beta_1 X_1 + \dots + \beta_k X_k$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** African, Anthropology, Economic Evaluation, Geographical Analysis, Health Services Integration, Primary Education, Qualitative Research

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