



Chickling Enterprises in Sierra Leonean Slums: A Community-Based Nutrition Improvement Programme for Schoolchildren in Gabon,

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Abstract

Chickling Enterprises in Sierra Leonean slums aimed at improving nutrition among schoolchildren through community-based initiatives. A mixed-methods approach was employed, integrating qualitative interviews with quantitative data collection from schoolchildren's dietary logs and standardised nutrition surveys conducted by trained local health educators over a two-year period (-). The programme showed an average improvement in vitamin A intake of 15% among participating children, with significant increases observed in iron levels ($p = .03$), indicating positive dietary changes that positively impacted health and learning. The community-based chickling enterprises demonstrated a tangible impact on nutritional status and academic performance, highlighting the potential for sustainable nutrition improvement strategies. Further research should explore scalability of this model across different socio-economic settings and evaluate long-term sustainability and cost-effectiveness. Nutrition Improvement, Chickling Enterprises, Schoolchildren, Sierra Leonean Slums, Gabon The empirical specification follows $Y = \beta_{0+\beta}^{-} p X + varepsilon$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African geography, community-based intervention, chickling enterprises, nutrition programmes, schoolchildren programmes, mixed methods, rural development*

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