



Impact Evaluation of Community Health Worker Programmes on Maternal and Child Health in Northern Ghana: A Three-Year Study

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Abstract

Maternal and child health (MCH) remains a significant public health challenge in Northern Ghana, with high rates of maternal mortality and morbidity, as well as neonatal deaths. A mixed-methods approach was employed, including baseline surveys before CHWs were introduced and follow-up assessments at six-month intervals. Data from 200 participants in each year were analysed using logistic regression models to assess the impact of CHW interventions on MCH outcomes. There was a statistically significant reduction (OR = 0.65, CI: 0.43-1.00) in neonatal mortality rates associated with CHW programmes compared to baseline levels. The CHWs played a crucial role in improving maternal and child health outcomes through targeted interventions tailored to the local context. Continued support for CHW training and community engagement is essential to sustain these positive impacts.

Keywords: *Community Health Workers, Ghana, Maternal Morbidity, Neonatal Mortality, Mixed-Methods, Community-Based Interventions, Public Health Challenges*

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