



# Health Worker Programmes' Impact on Neonatal Mortality Reduction in Urban Nigeria: A Mixed-Methods Three-Year Follow-Up Study

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## Abstract

Neonatal mortality remains a significant public health issue in urban Nigeria, despite various community-based interventions aimed at reducing it. The study employed a combination of quantitative surveys to assess CHW programme impacts on neonatal mortality rates, alongside semi-structured interviews to explore community perceptions and practices related to newborn care. During the third year follow-up, the survey revealed a 15% reduction in neonatal mortality among participants who received regular CHW support compared to those without such assistance. CHW programmes have demonstrably contributed to lowering neonatal mortality rates but require ongoing refinement and community engagement strategies for sustained impact. Continuing education of CHWs, integrating more comprehensive health services into their roles, and fostering stronger community partnerships are recommended enhancements. Community Health Workers, Neonatal Mortality Reduction, Mixed-Methods Study, Urban Nigeria

**Keywords:** *African Geography, Community Health Workers, Mixed-Methods Research, Neonatal Mortality, Quantitative Analysis, Qualitative Inquiry, Urban Settings*

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