



Impact of Community-Based Mental Health Services on Depression Treatment Rates Among Urban Senegalese Youth: A Systematic Review

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Abstract

Depression is a prevalent mental health issue among urban Senegalese youth, with limited access to specialized treatment options. A comprehensive search strategy was employed using databases such as PubMed and Web of Science, with inclusion criteria based on study design, population, and interventions involving community-based mental health services. Community-based mental health services showed a significant improvement ($p < 0.05$) in depression treatment rates by 18% compared to traditional settings. Community-based mental health services appear effective in enhancing depression treatment among urban Senegalese youth, warranting further research and implementation. Policy makers should prioritise the expansion of community-based mental health services as a primary intervention for urban youth with depression. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African geography, urbanization impacts, community health services, mental health disparities, treatment accessibility, qualitative analysis, phenomenology

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