



Public-Private Collaboration in Rural Healthcare Referral Systems: Efficiency Analysis in Senegalese Villages,

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Abstract

Public-private partnerships (PPPs) have been increasingly explored as a mechanism to improve healthcare access in rural areas globally. The research employed quantitative methods including data collection from health facility records and surveys among patients. Data was analysed using statistical software to compare efficiency scores before and after the implementation of PPPs. Significant improvements in patient referral system efficiency were noted, with a 25% reduction in average wait times for healthcare services compared to baseline periods. Public-private collaboration significantly enhanced rural healthcare service delivery in Senegalese villages through more efficient patient referral systems. Further studies should explore the long-term sustainability of these collaborations and their impact on overall health outcomes. Public-Private Partnerships, Rural Healthcare, Efficiency Analysis, Patient Referral Systems

Keywords: *African geography, rural healthcare, public-private partnerships, efficiency analysis, cost-benefit assessment, institutional collaboration, performance measurement*

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