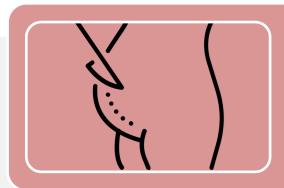
Disparities in Cesarean Delivery Rates at the District Level in Madhya Pradesh, India

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Introduction



Cesarean delivery (CD) accounts for **21%** of births in India with **47%** occurring in private facilities.



The average CD rate in Madhya Pradesh (MP) is **12.1%.** However, this aggregated rate **does not** reveal variation that exists across districts.

Aims

To investigate geographic and socioeconomic disparities of CD across 51 districts in MP.

Compare the contribution of public and private healthcare facilities to the state CD rate.

Methods

Study Design: Cross-sectional study.

Data Source: National Family Health Survey (NFHS)-5 from January 2019- April 2021.

CD rates were stratified as <10%, 10-20% and >20% to measure equity in access as per WHO.

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We found that **districts** with more poorer populations are unable to access CD and depend on public government-funded healthcare facilities access to which decreases as we move further away from the capital city. **Continuous** monitoring of CD rates at the district and institutional levels as an initial step in achieving equity in access to the procedure is warranted.

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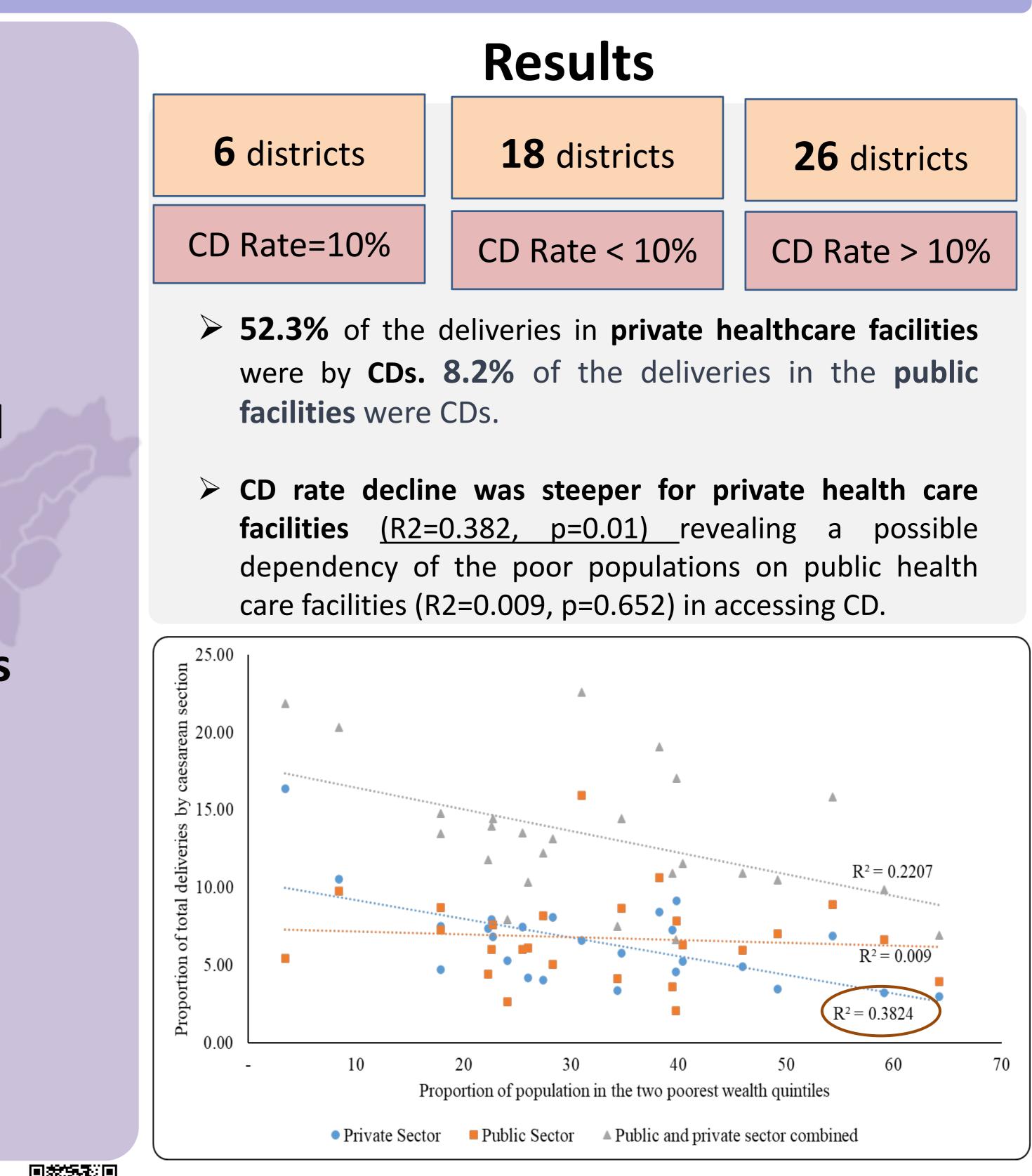


Figure 1: Proportion of the population in the two poorest wealth quintiles with the CD rate in public and private facilities

