

Table S4. Association between improved (vs. unimproved) sanitation facilities and indicators of maternal and child health care services by DHS wealth index.

Reproductive and infant health outcomes	All N	With MCH service and unimproved Sanitation N (%)	With MCH service and improved Sanitation N (%)	Crude OR (95% CI)	Adjusted OR (95% CI) ^a
Lower wealth index (poorest, poorer)					
Up-to-date immunizations	69,234	52.9	61.4	1.42 (1.33, 1.50)	1.26 (1.18, 1.34)
Adequate ANC visits (4 or more)	69,234	30.5	44.7	1.85 (1.73, 1.98)	1.59 (1.48, 1.71)
Adequate ANC visits (8 or more)	69,234	7.8	12.2	1.64 (1.46, 1.85)	1.42 (1.25, 1.61)
Skilled attendant at delivery	69,234	69.7	69.0	0.97 (0.91, 1.04)	1.05 (0.98, 1.13)
Higher wealth index (middle, richer, richest)					
Up-to-date immunizations	76,028	62.8	67.5	1.23 (1.16, 1.31)	1.14 (1.07, 1.22)
Adequate ANC visits (4 or more)	76,028	57.7	64.9	1.37 (1.29, 1.46)	1.11 (1.04, 1.18)
Adequate ANC visits (8 or more)	76,028	22.6	28.3	1.36 (1.26, 1.47)	1.08 (0.99, 1.17)
Skilled attendant at delivery	76,028	87.3	89.7	1.25 (1.15, 1.37)	1.09 (0.99, 1.20)

^aAdjusted for country and year fixed effects, respondent's age, educational attainment, marital status, child's birth order, child's sex, child's age in months, urban/rural residency, presence of improved water sources, presence of hand washing facilities on site and log GDP per capita.