



The landscape of caesarean sections in low-resource settings:

Who, where, and why?

Lenka Beňová
Francesca L. Cavallaro
Oona M.R. Campbell

November 15, 2017



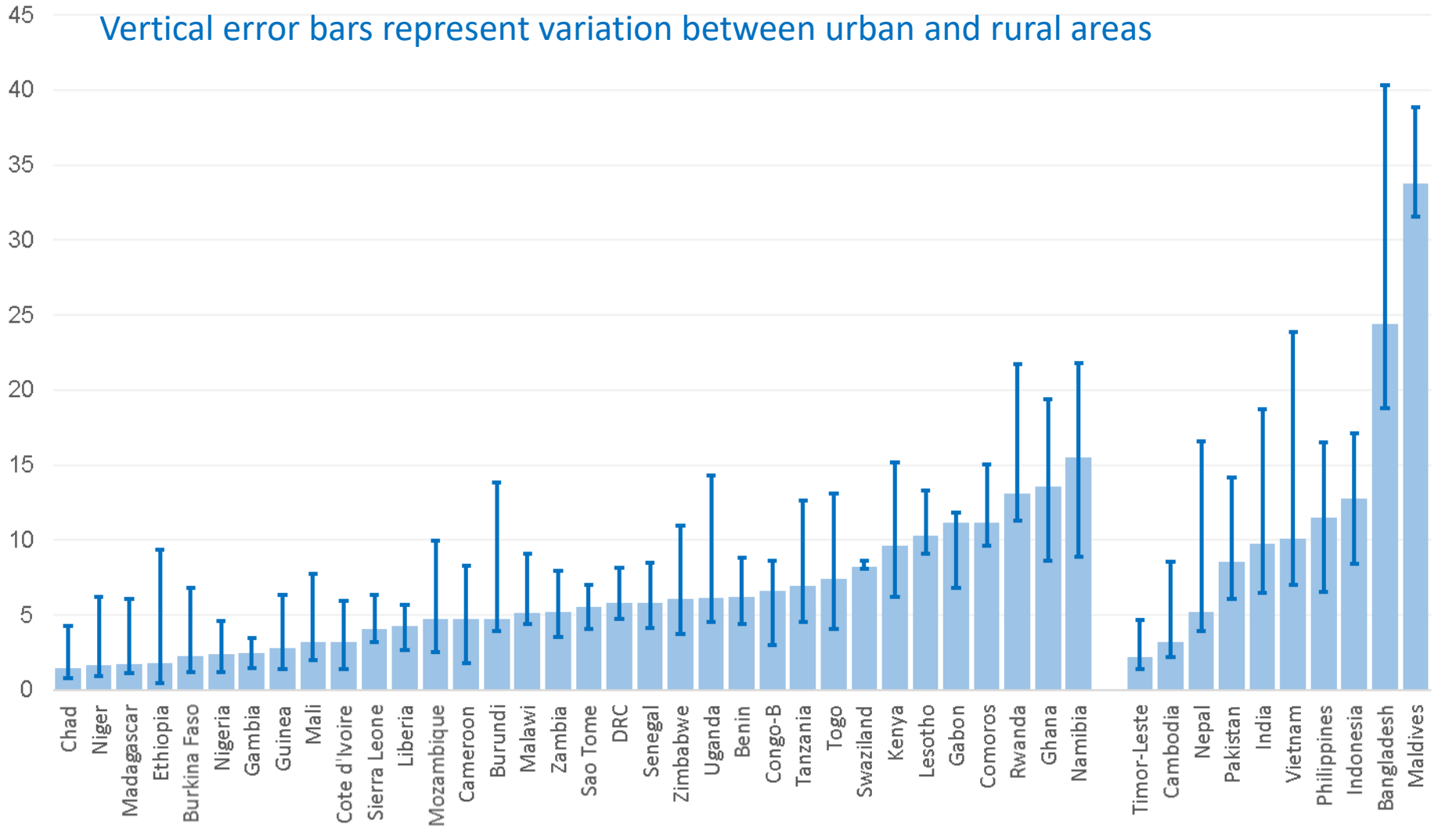
Fourth Global Forum on
Human Resources for Health
13-17 November 2017
Dublin, Ireland 🍀

Methods

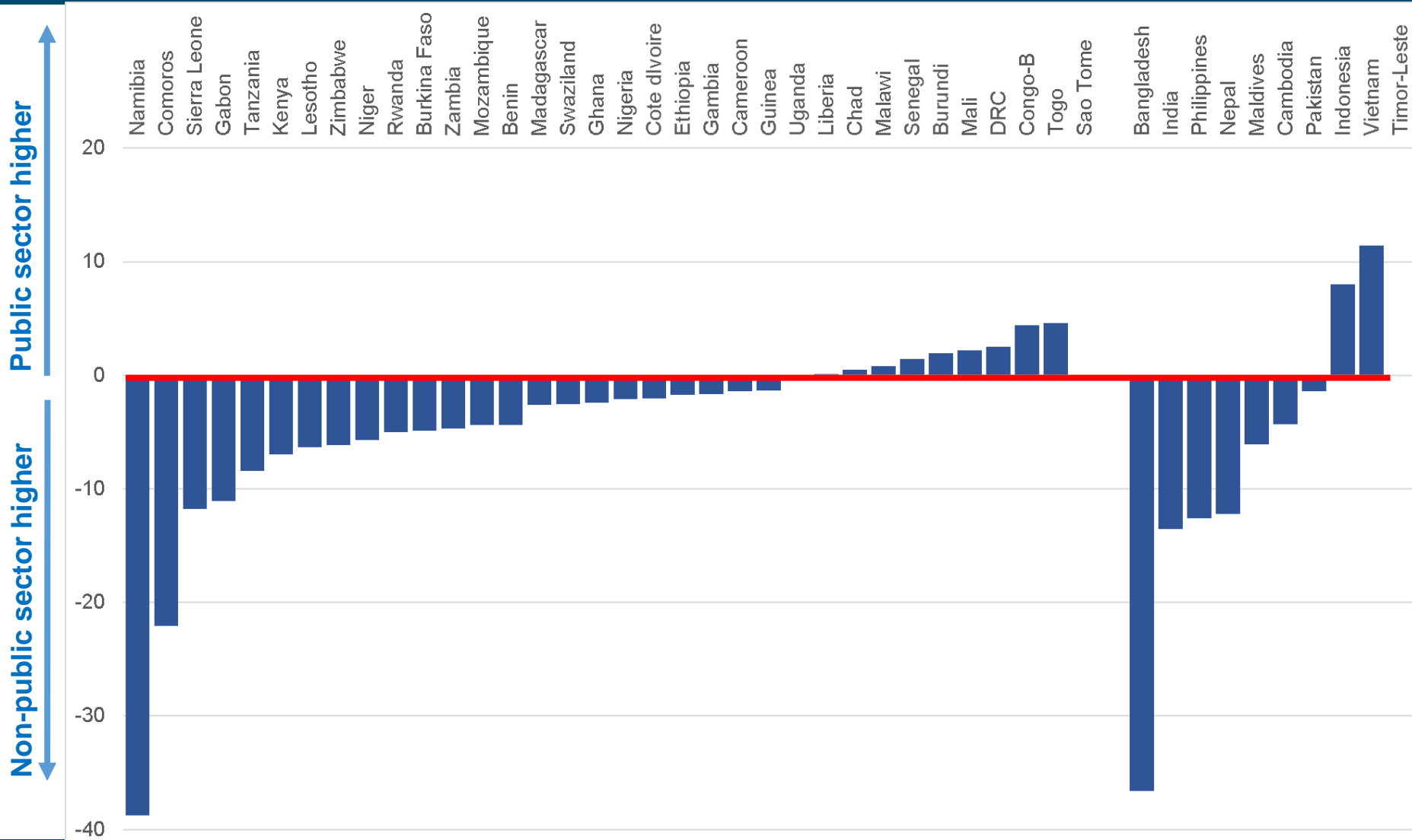
- Nationally representative Demographic & Health Surveys (2002-2016)
- Countries: 34 sub-Saharan Africa, 10 South/Southeast Asia
- Sample of women age 15-49
- Women's self-report of most recent live birth

- Additional questions in Bangladesh 2014
- Tanzania Service Provision Assessment (SPA) 2014-15

Where? Locations and rates

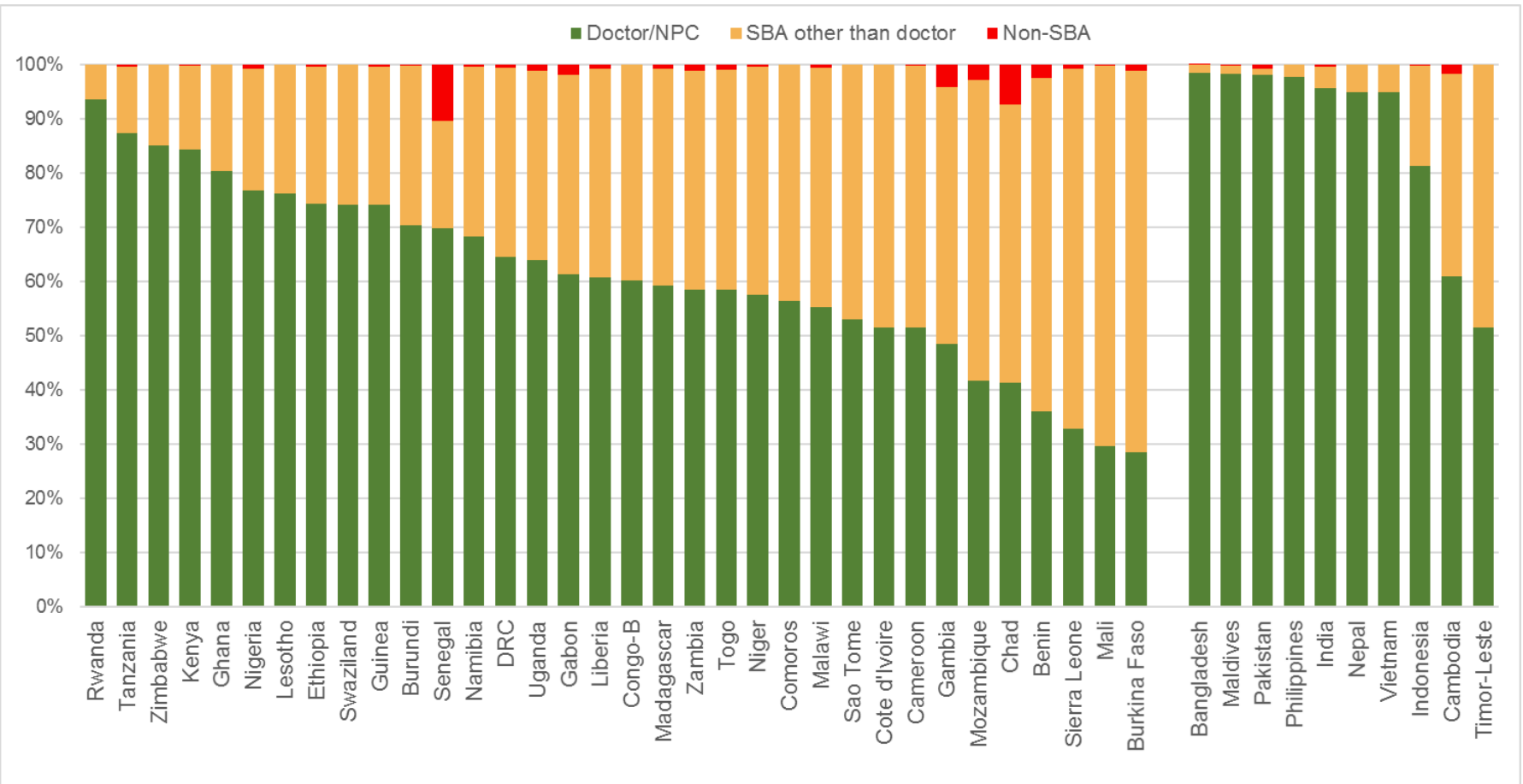


Difference in rates by sector



Who performs caesarean sections?

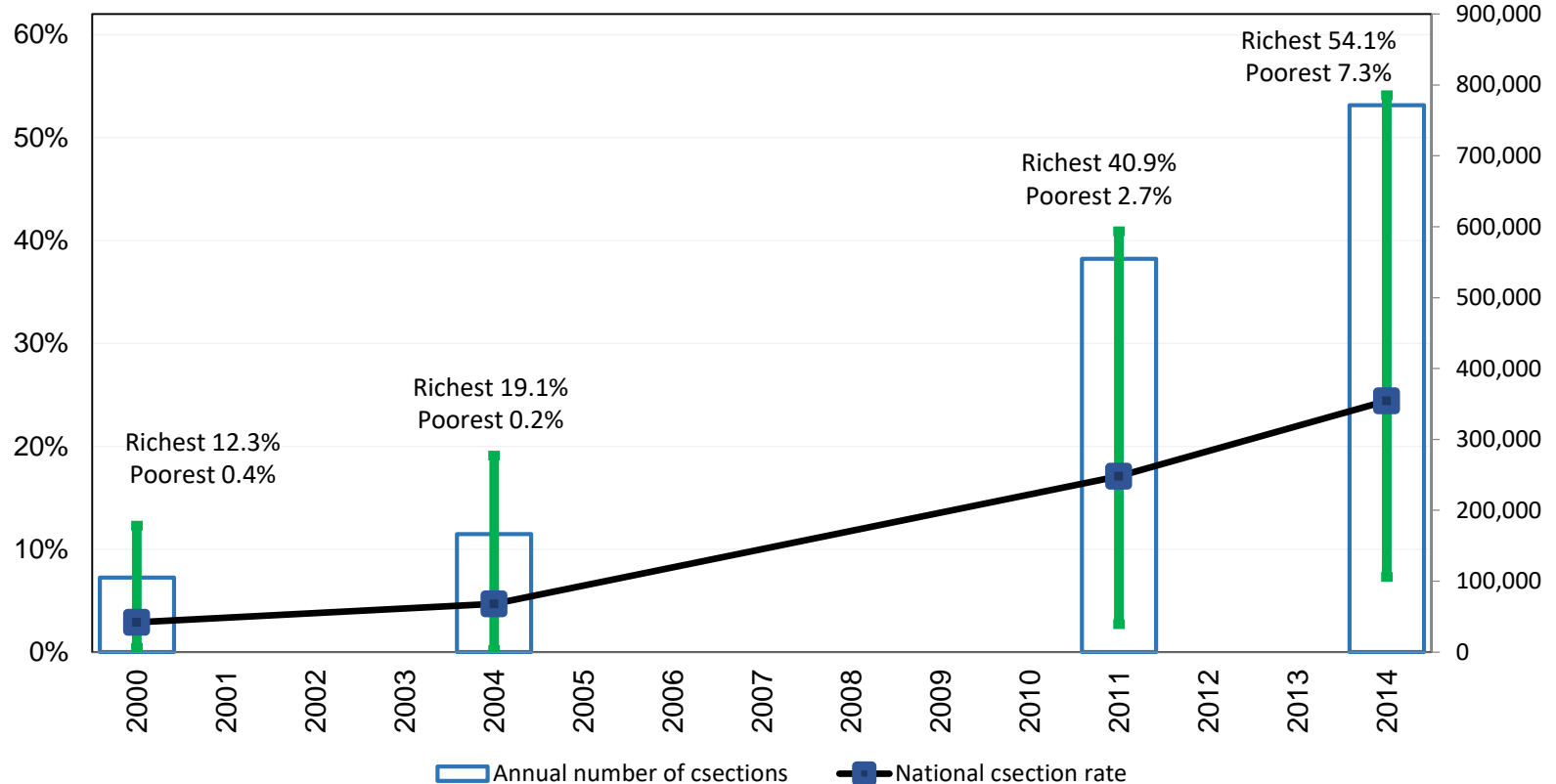
Distribution of caesarean sections by category of provider



Bangladesh time trends



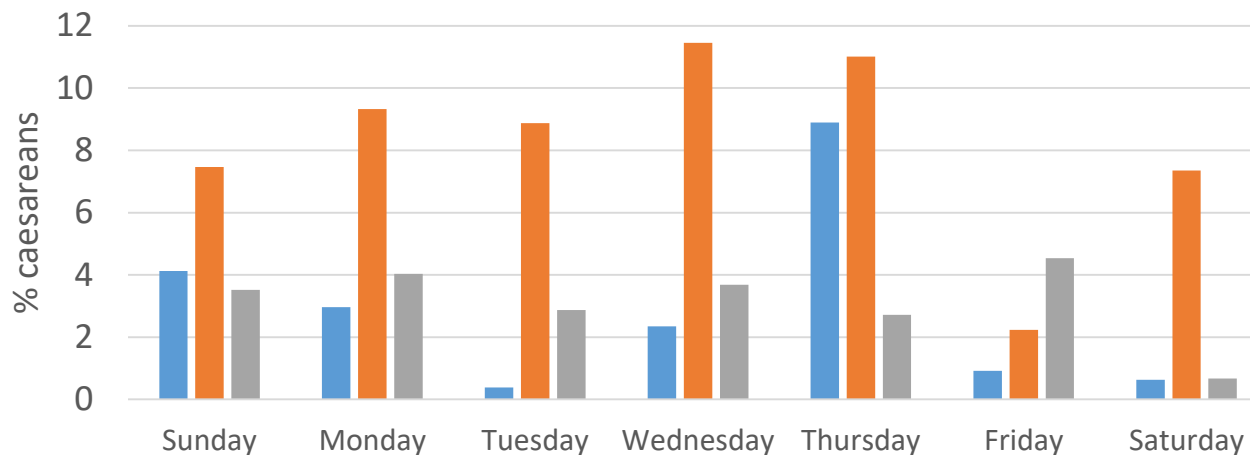
Bangladesh caesarean section rates by wealth (poorest/richest)



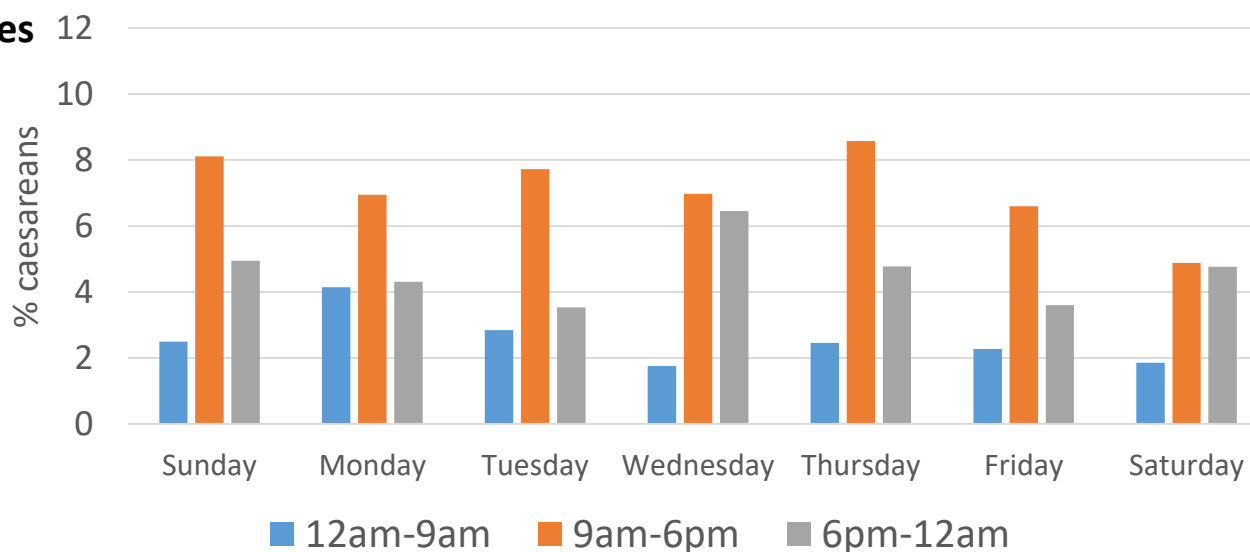
Day and time of caesareans



Public facilities

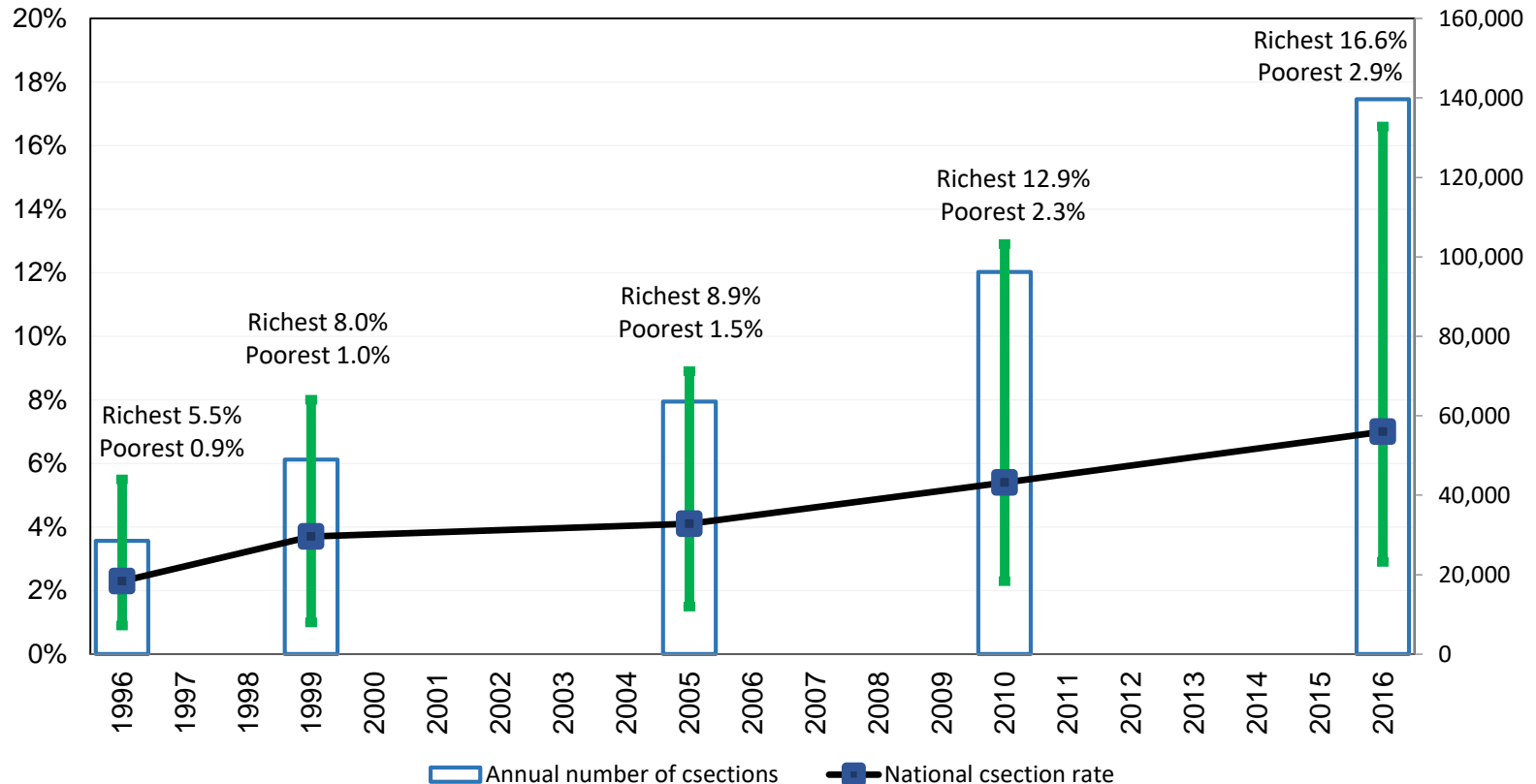


Non-public facilities

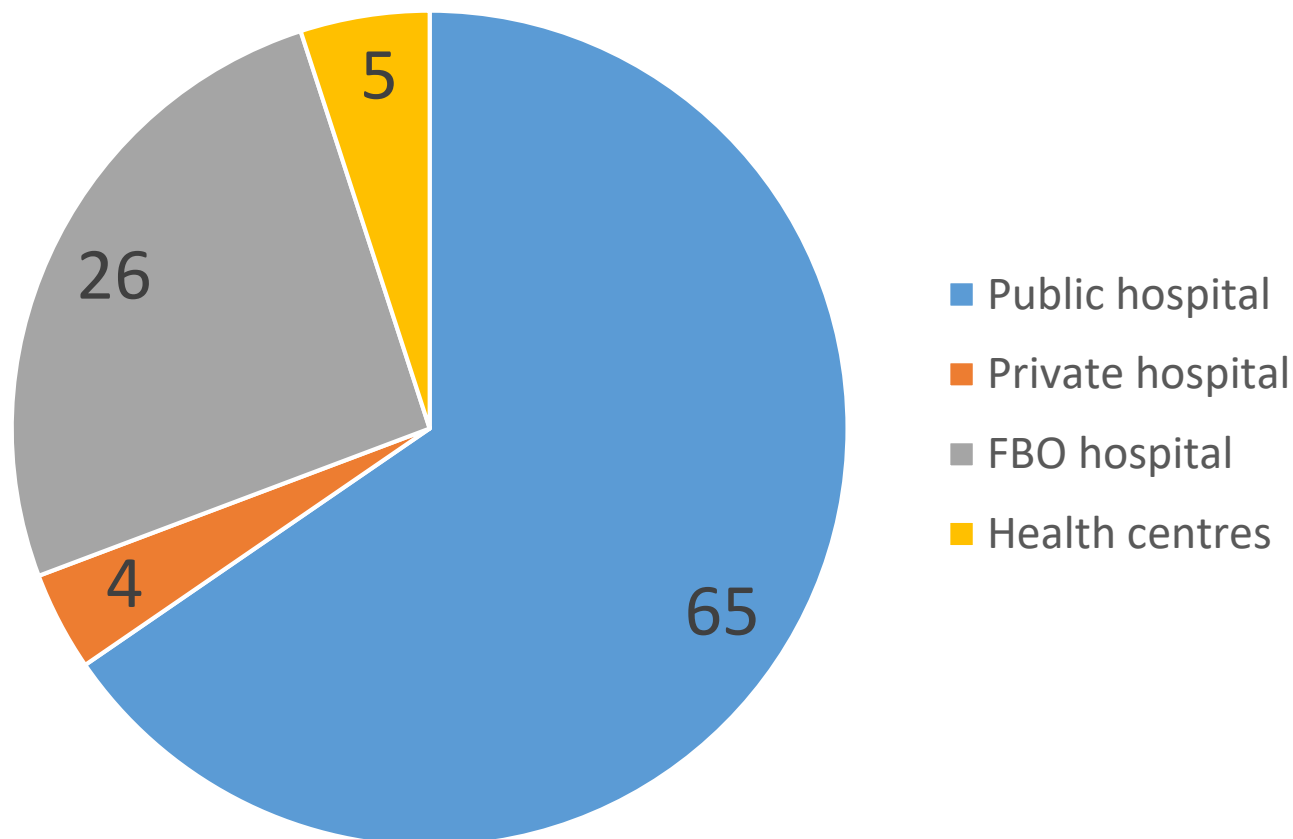


Trends over time

Tanzania caesarean section rates by wealth (poorest/richest)



Caesareans by facility type

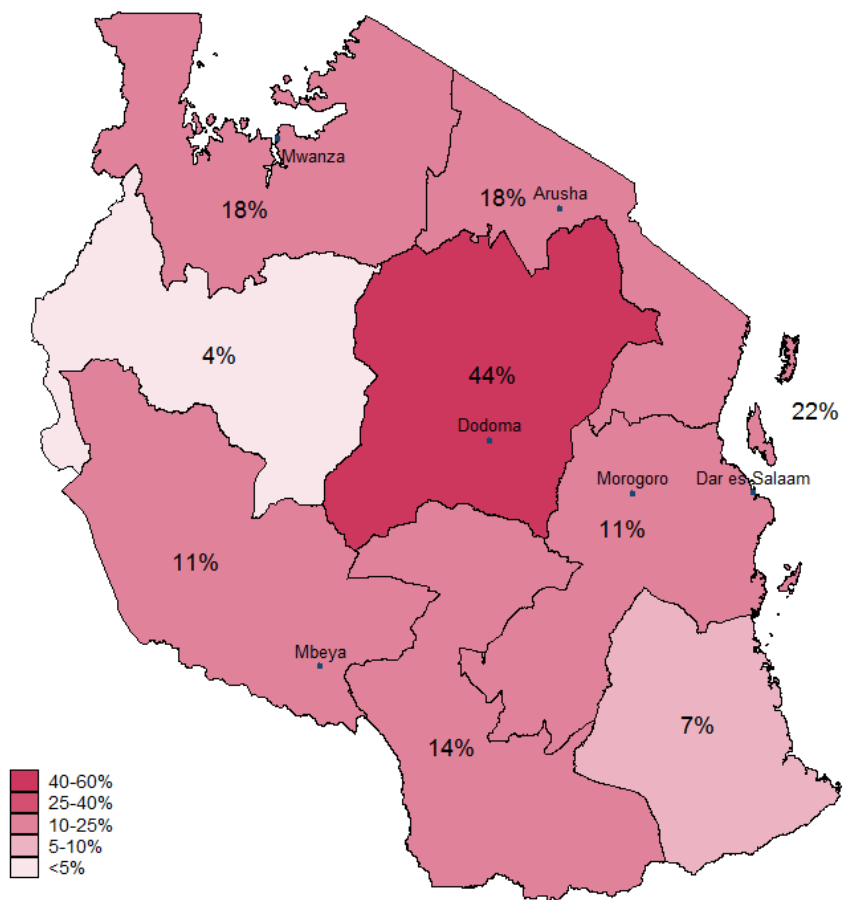


Staffing & infrastructure

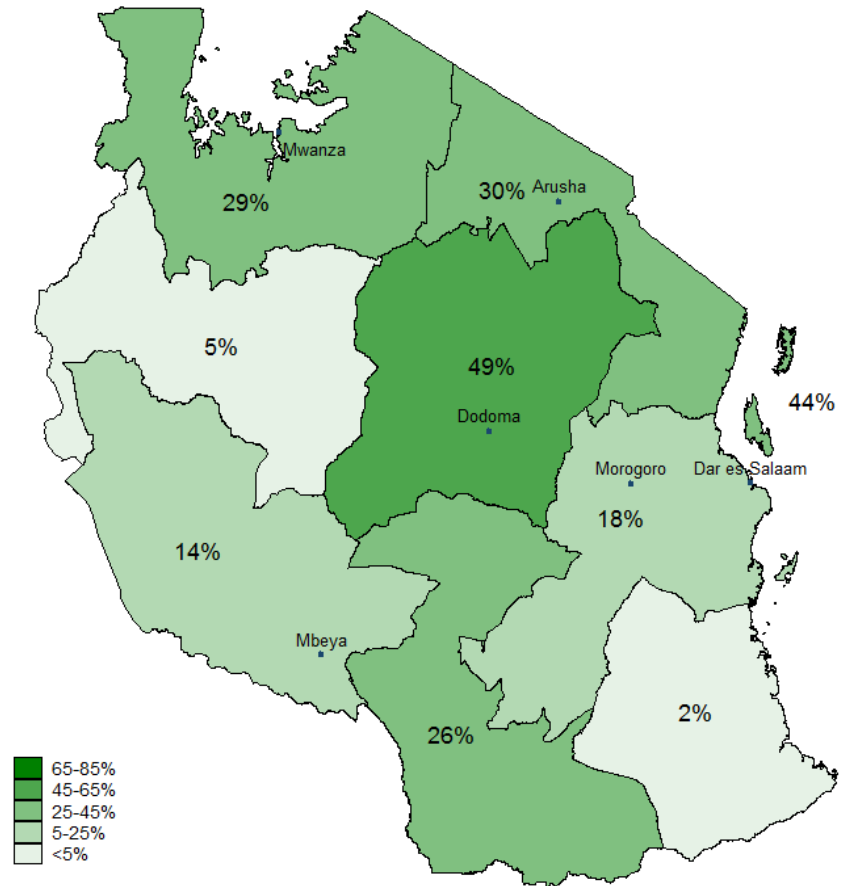
	Facilities reporting to provide caesareans	Full-time doctor (%)	24hr provider and anaesthetist (%)	Piped water and consistent electricity (%)	All general anaesthesia equipment (%)	All CEmOC signal functions (%)
Public hospital	112	94	86	59	34	55
Private hospital	31	94	74	55	61	26
FBO hospital	84	81	88	37	66	41
All hospitals	227	89	85	50	49	46
All health centres	44	54	44	34	30	19
Overall (facilities)	271	79	74	46	44	38
Overall (caesareans)	-	92	91	49	46	62

Minimum readiness by zone

Percent facilities meeting 3 minimum criteria



Percent caesareans in facilities meeting 3 minimum criteria



Thank you

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE

