

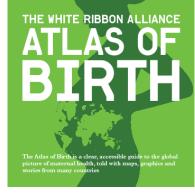
THE GEOGRAPHY OF COVERAGE

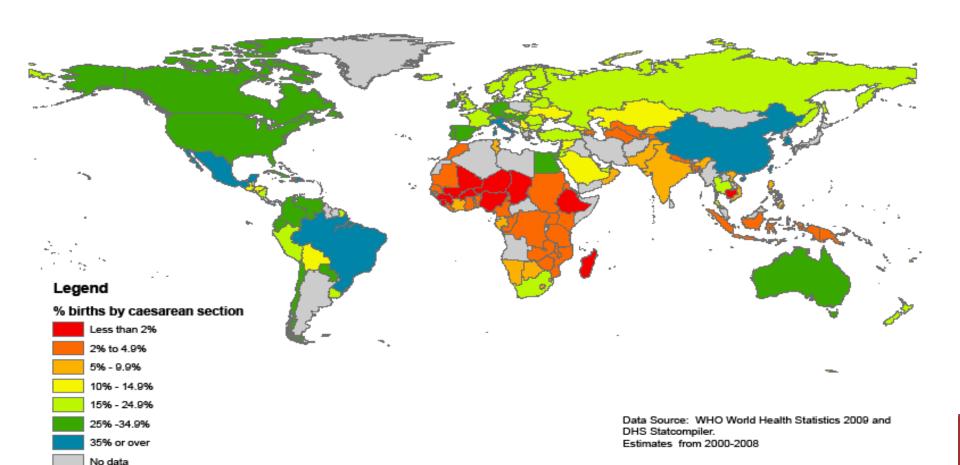
Professor Wendy J Graham Immpact, University of Aberdeen & Dr Sennen Hounton UNFPA, New York

Presentation for Countdown Equity Working Group Women Deliver conference: June 7th 2010



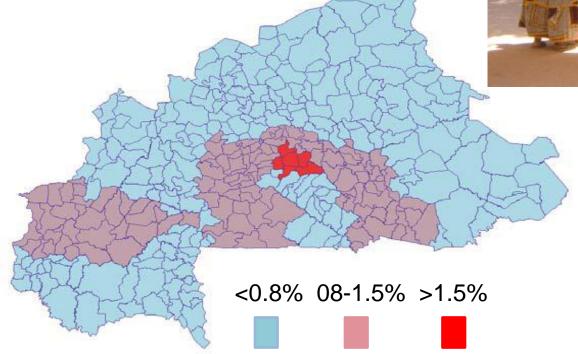
The power of communication









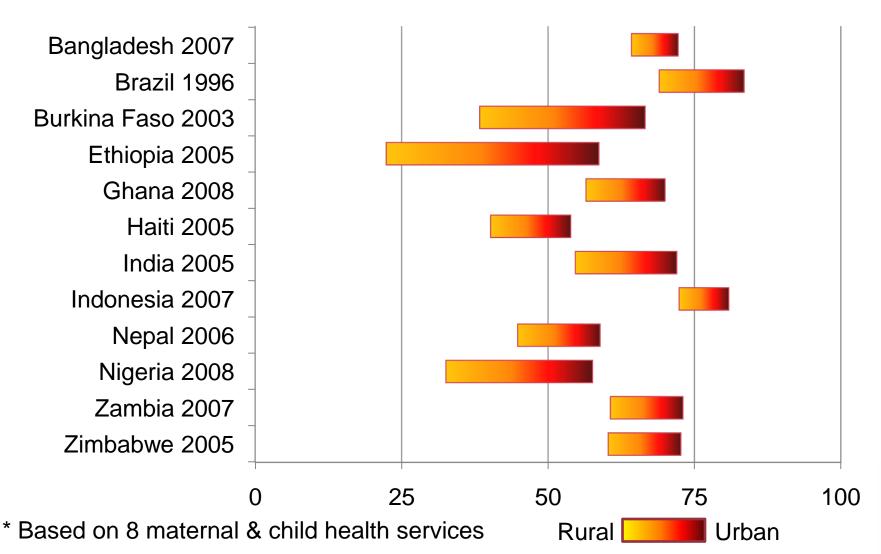


% of deliveries by caesarean section: Burkina Faso 2003



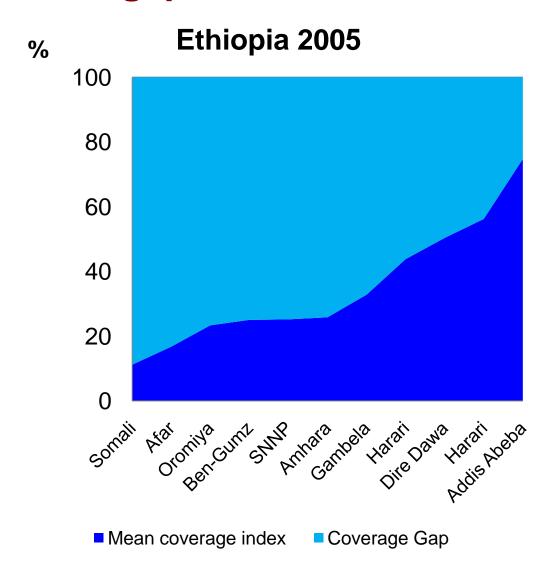
Capturing geographical inequities in coverage

Mean coverage index* for rural & urban areas





Mean coverage index* & coverage gap across administrative regions

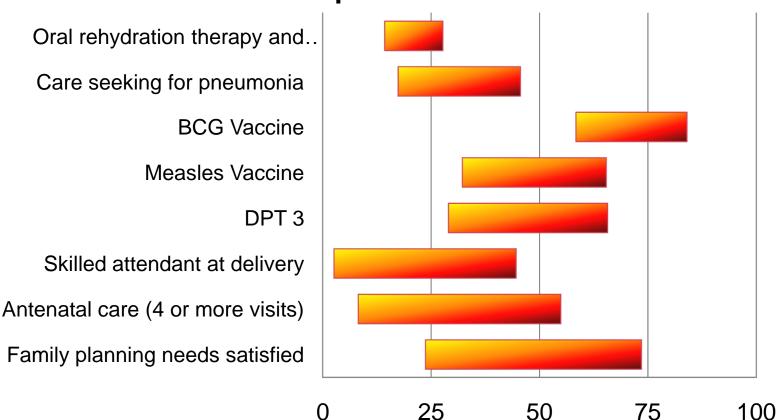


^{*} Based on 8 maternal & child health services



Geographical inequities by types of service

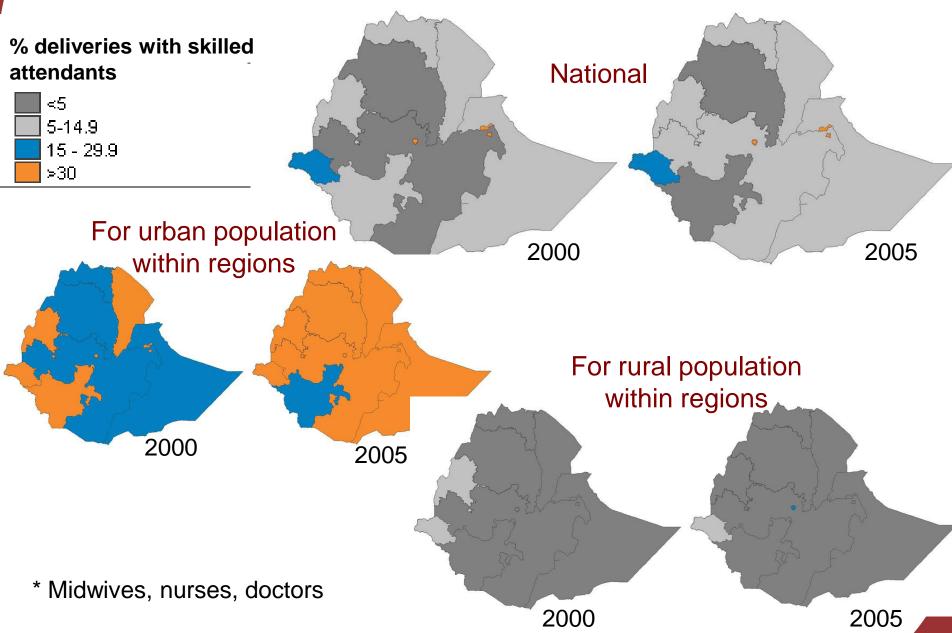
Ethiopia 2005



^{*} Midwives, nurses, doctors



Tracking progress over space & time: deliveries with skilled attendants*, Ethiopia



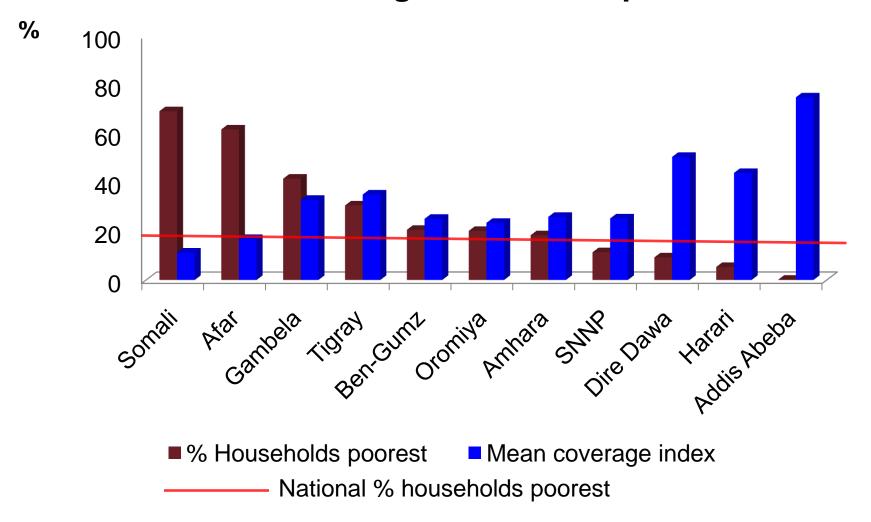


What are the reasons for geographical inequities?



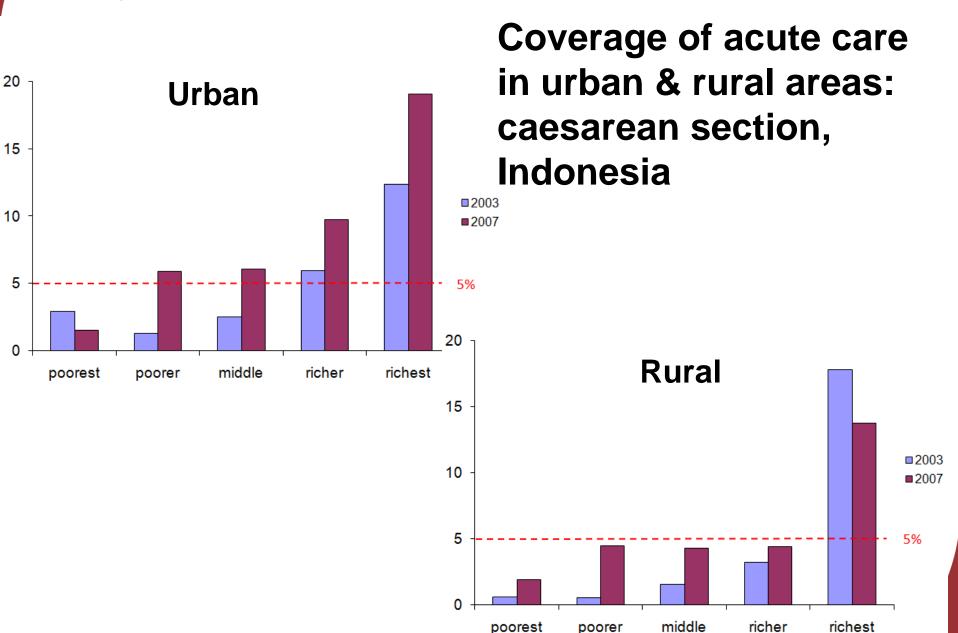
Inter-relationship with poverty

Proportion of households in region in poorest category & mean coverage index: Ethiopia 2005



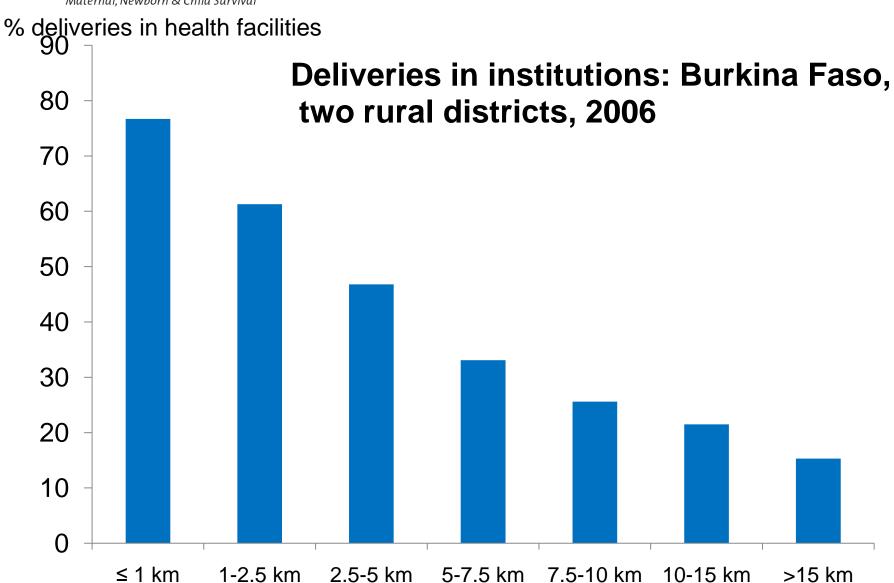


Financial barriers





Physical barriers: distance

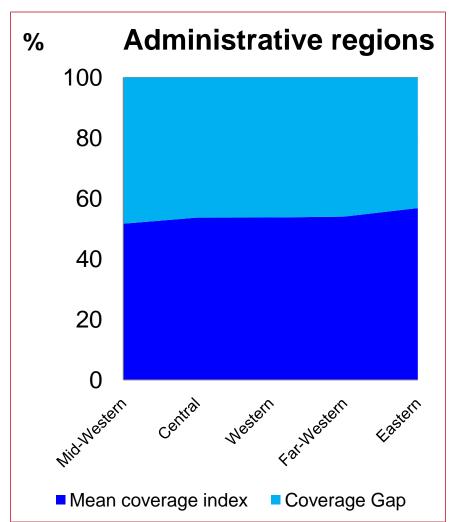


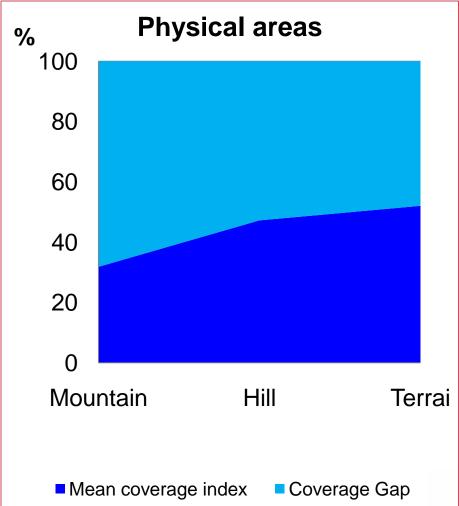
Source: Immpact

Distance to health facility



Comparing coverage across administrative versus physical areas: Nepal 2006



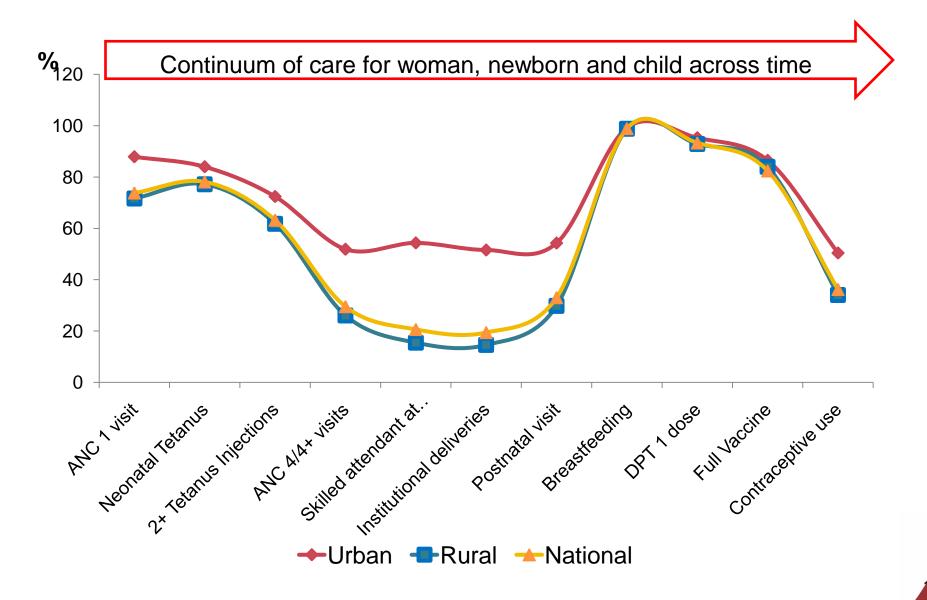




What are the implications of geographical inequities?



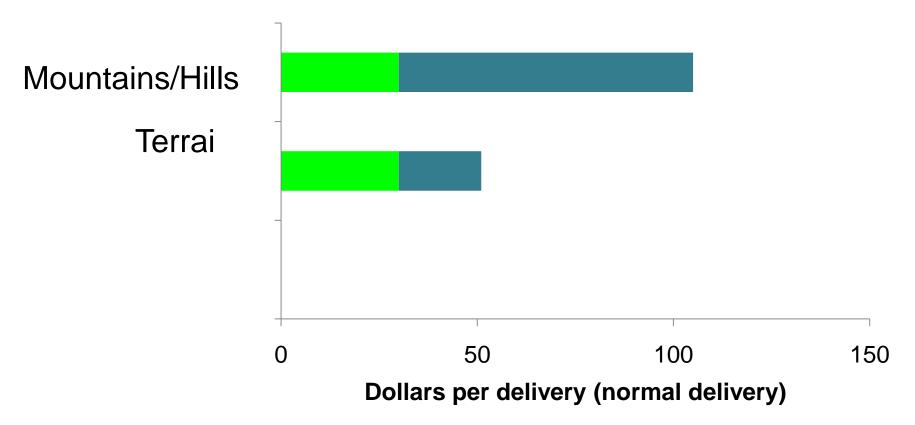
Dipping-in-and-out of the health system: Nepal 2006





Policy implications

Geographic targeting of barriers to uptake of care: facility deliveries, Nepal 2005



- Facility cost (delivery room, supplies, etc)
- Non-facility cost (transport, additional medicines, etc.



Programme implications

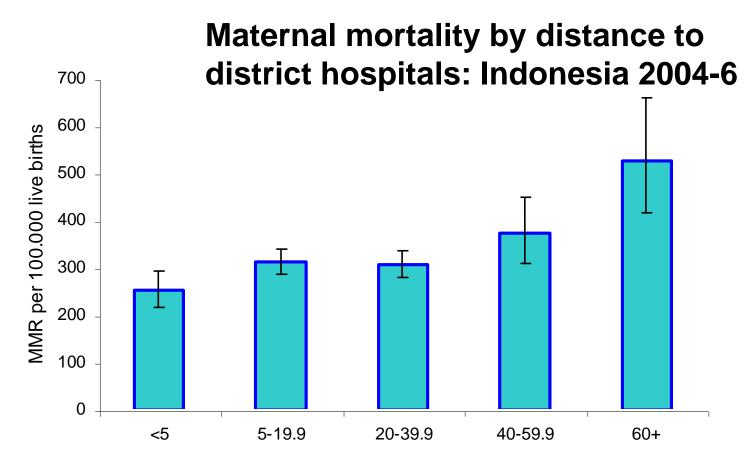




PROCESSES OF CARE: EFFECTIVE COVERAGE



OUTCOMES OF CARE



Source: Immpact (Banten Province)

Distance in km



Data & research implications

 Data gaps: inputs; barriers to access; quality of care; outcomes

 Data-capture gaps: potential of technologies - GPS, mobile phones, PDAs

 Communication gaps: "clever" maps - overlaying inputs, processes & outcomes







The Geography of Coverage: key messages

The power of communication: maps & other visual presentations of geographical inequities in coverage can appeal to many different audiences.

Reducing barriers to timely access to quality care: geographical inequities highlight barriers of special relevance to childbirth & so to achieving MDG4 & 5.









Acknowledgements

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Thank you