



HARVARD

SCHOOL OF PUBLIC HEALTH

Department of Global Health
and Population



Integration of Maternal and Newborn Health Care: In Pursuit of Quality

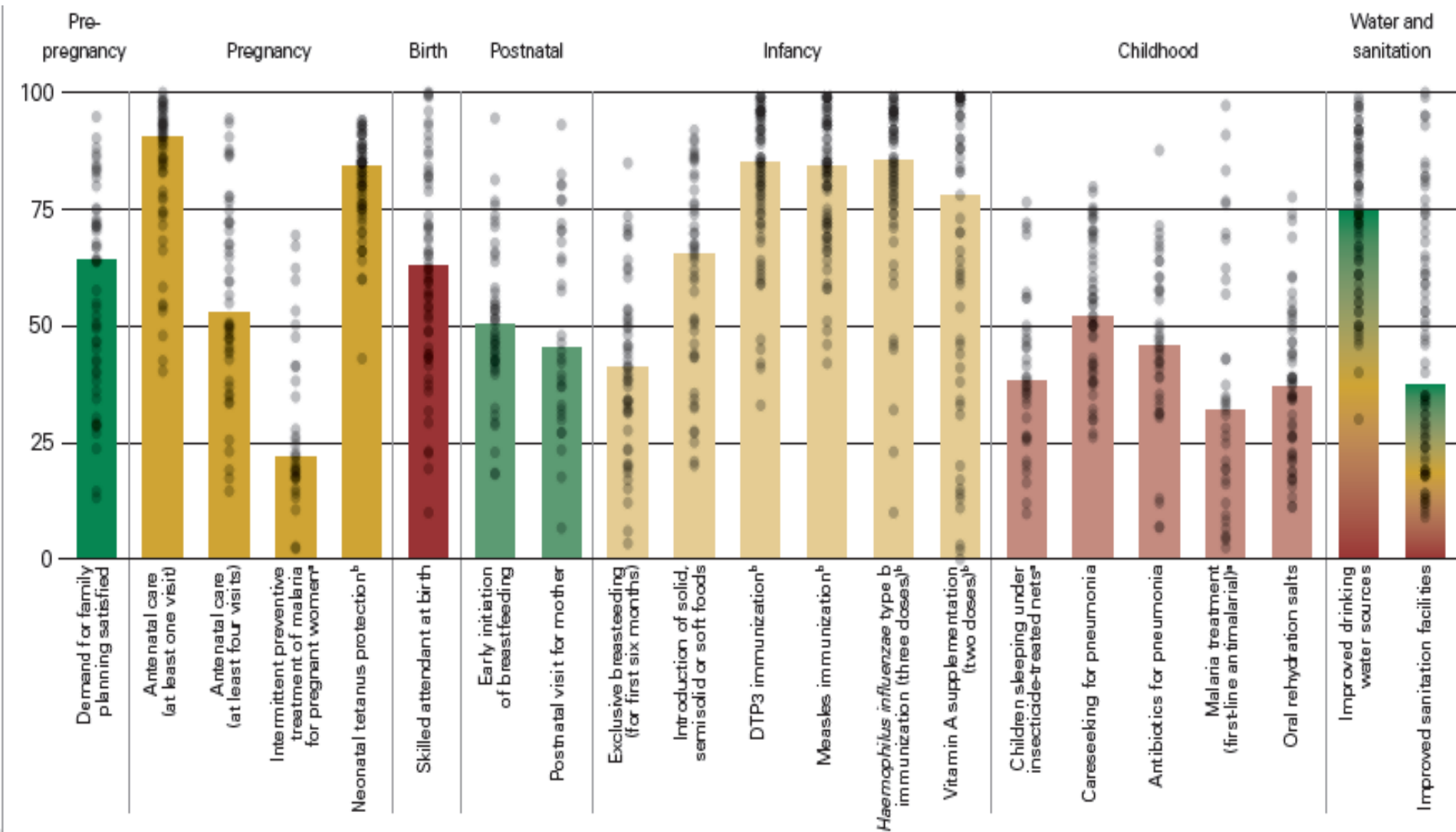
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Integration of targeted interventions

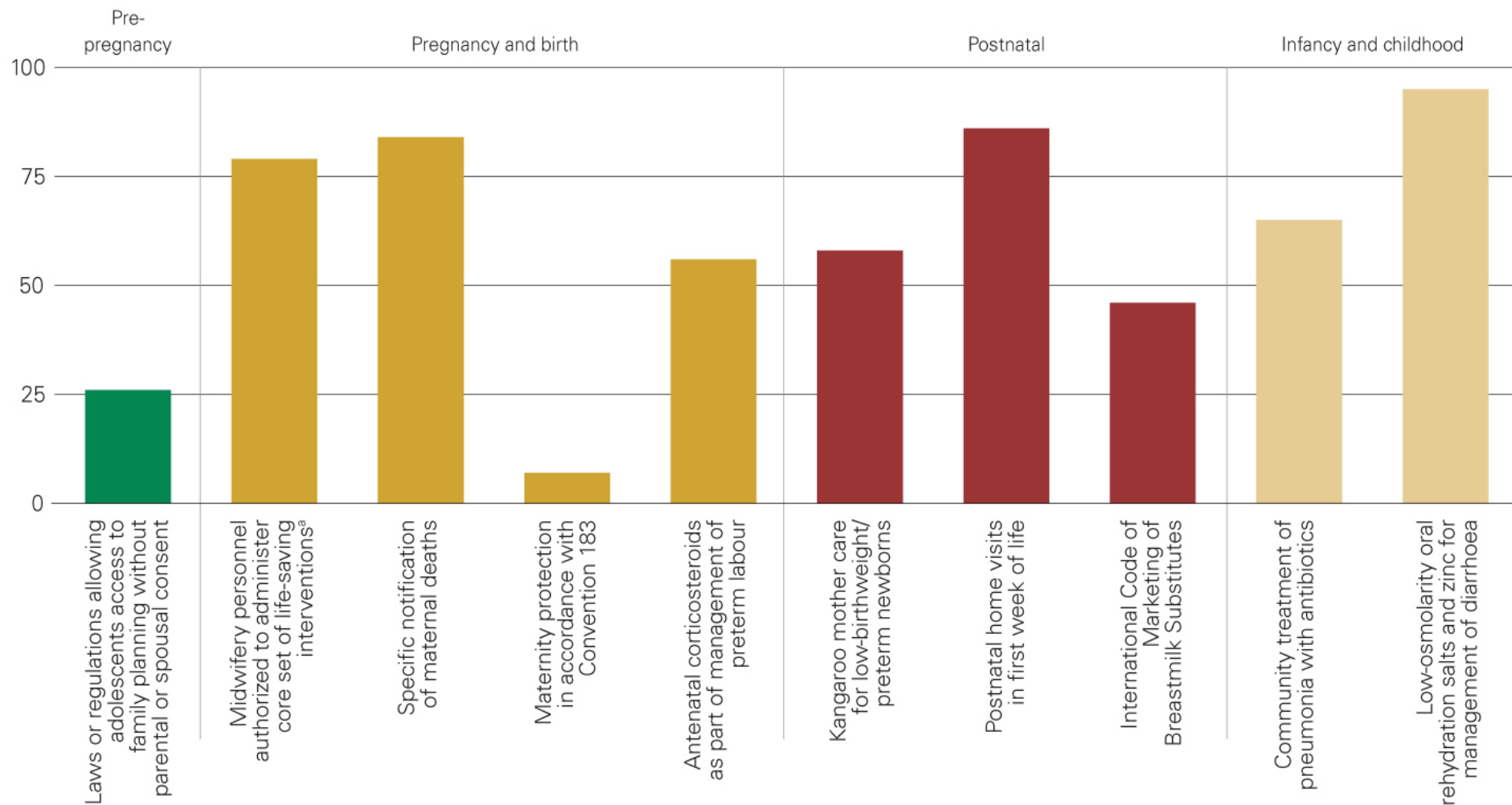
- Longstanding vertical vs horizontal debate
 - Polarisation: proponents and opponents of integration
 - Binary construct – reductionist arguments
- Debate rekindled with emergence of Global Health Initiatives, rapid rise then decline in Health ODA, and concerns about failing health systems
- But, is this just an academic curiosity?



Countdown 2015: median coverage of interventions across continuum of care



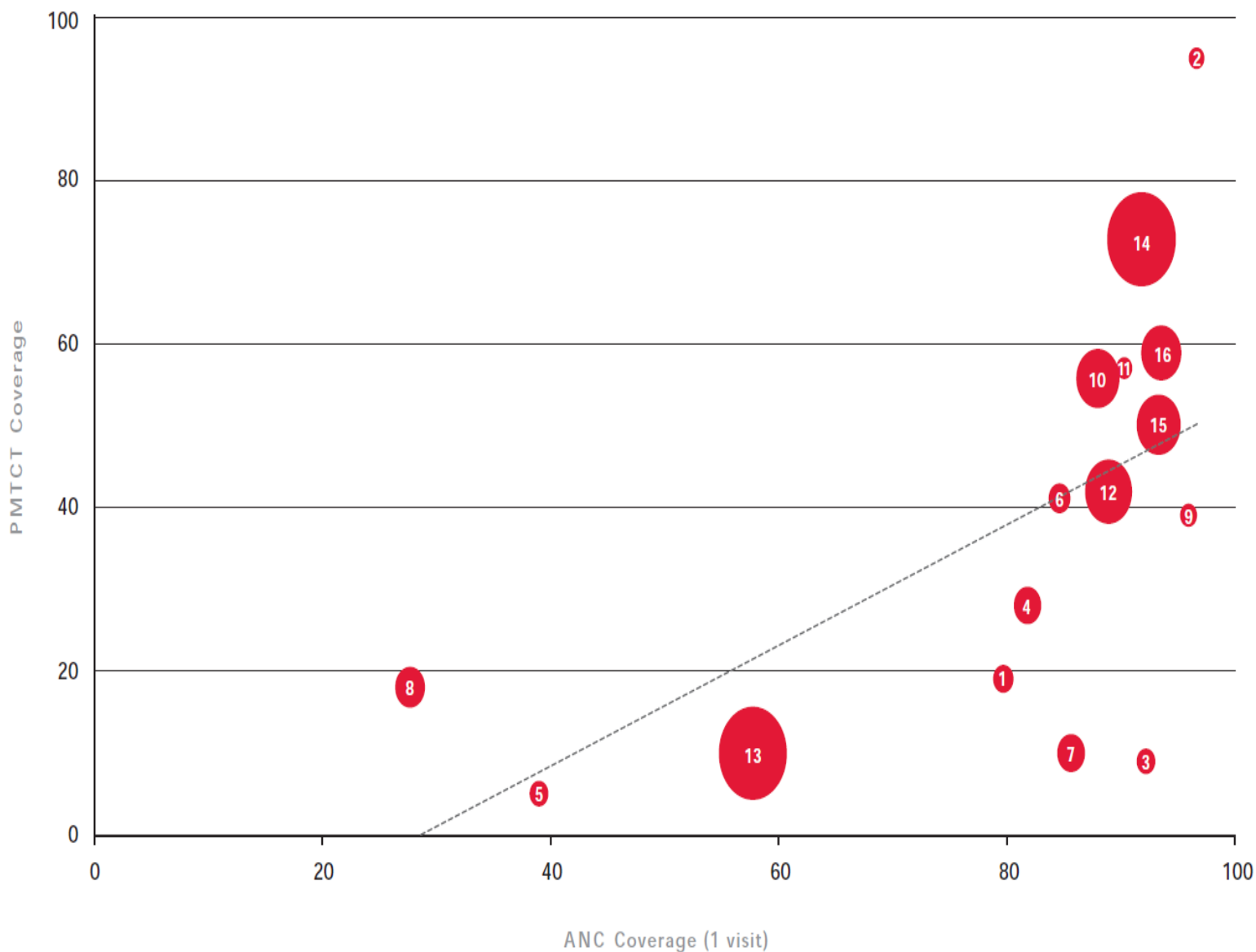
Share of 57 Countdown countries with tracer policy in place, 2013-14 (%)



a. Based on 33 countries.

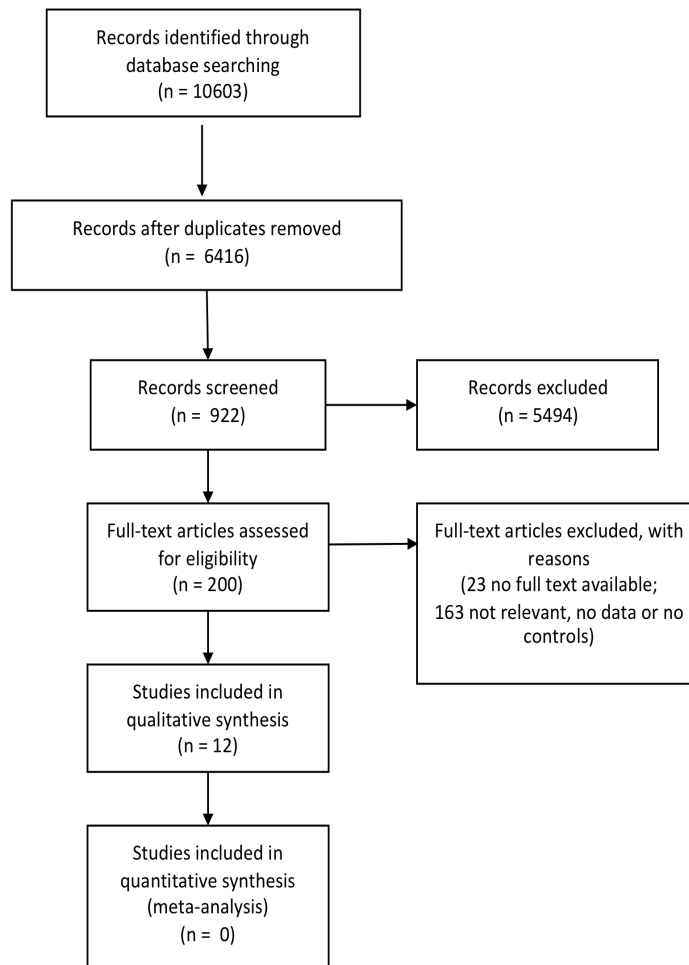
Source: World Health Organization Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey.

PMTCT coverage, ANC coverage and number of HIV+ pregnant women (bubble size)



- 1 Angola
- 2 Botswana
- 3 Burundi
- 4 Cameroon
- 5 Chad
- 6 Côte d'Ivoire
- 7 D.R. Congo
- 8 Ethiopia
- 9 Ghana
- 10 Kenya
- 11 Lesotho
- 12 Mozambique
- 13 Nigeria
- 14 South Africa
- 15 Uganda
- 16 Zambia

Integration of antenatal care with PNC and other programmes



Increased uptake of testing (HIV and syphilis) and PMTCT services, and earlier initiation of antiretroviral treatment for HIV-infected mothers were, associated with lower rates of congenital infection with HIV and syphilis.

In general, women also reported improved satisfaction with integrated services.

Limited, directionally positive evidence

But...

- Non-randomised studies & high risk of bias: low quality of evidence
- Large evidence gap & lost opportunities for providing essential preventive and curative services.



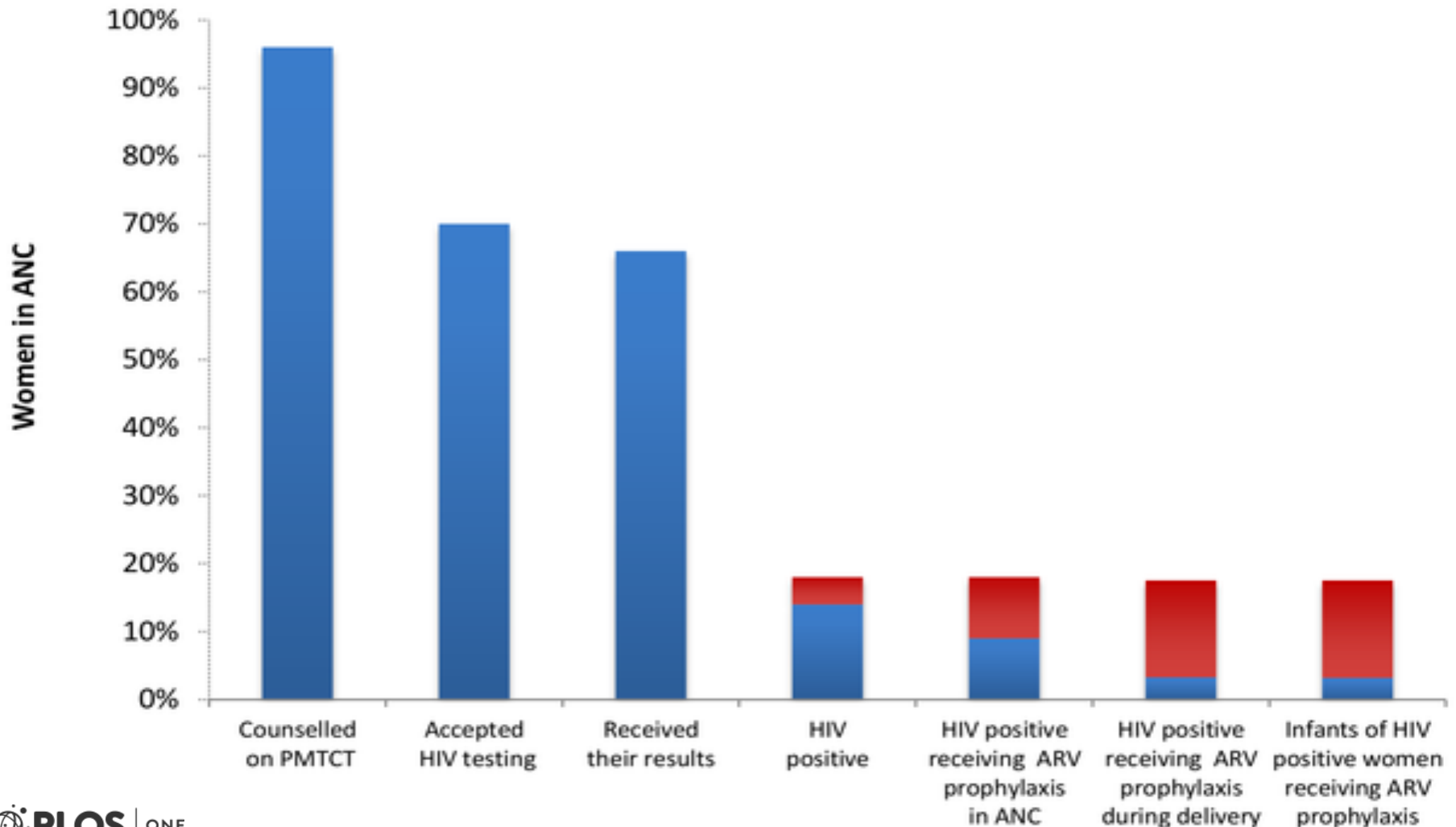
Integrated delivery of PMTCT: systematic review



- 28 000+ studies reviewed
- Integrating HIV testing and ARV adherence assessment at labour ward resulted in substantial increase in mother-infant ARV coverage



Cascade of integrated perinatal PMTCT program in antenatal care



Potential integration strategies within and across care domains

