

# Global Initiatives for Maternal & Child Health; imperative for integration

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THE AGA KHAN UNIVERSITY

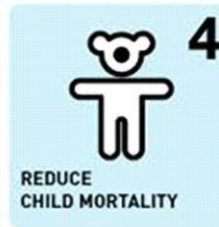
# The Millennium Development Goals (MDGs)

Goal 1:  
Eradicate Extreme Hunger and Poverty



Goal 2:  
Achieve Universal Primary Education

Goal 3:  
Promote Gender Equality and Empower Women



Goal 4:  
Reduce Child Mortality

66%

Goal 5:  
Improve Maternal Health

75%



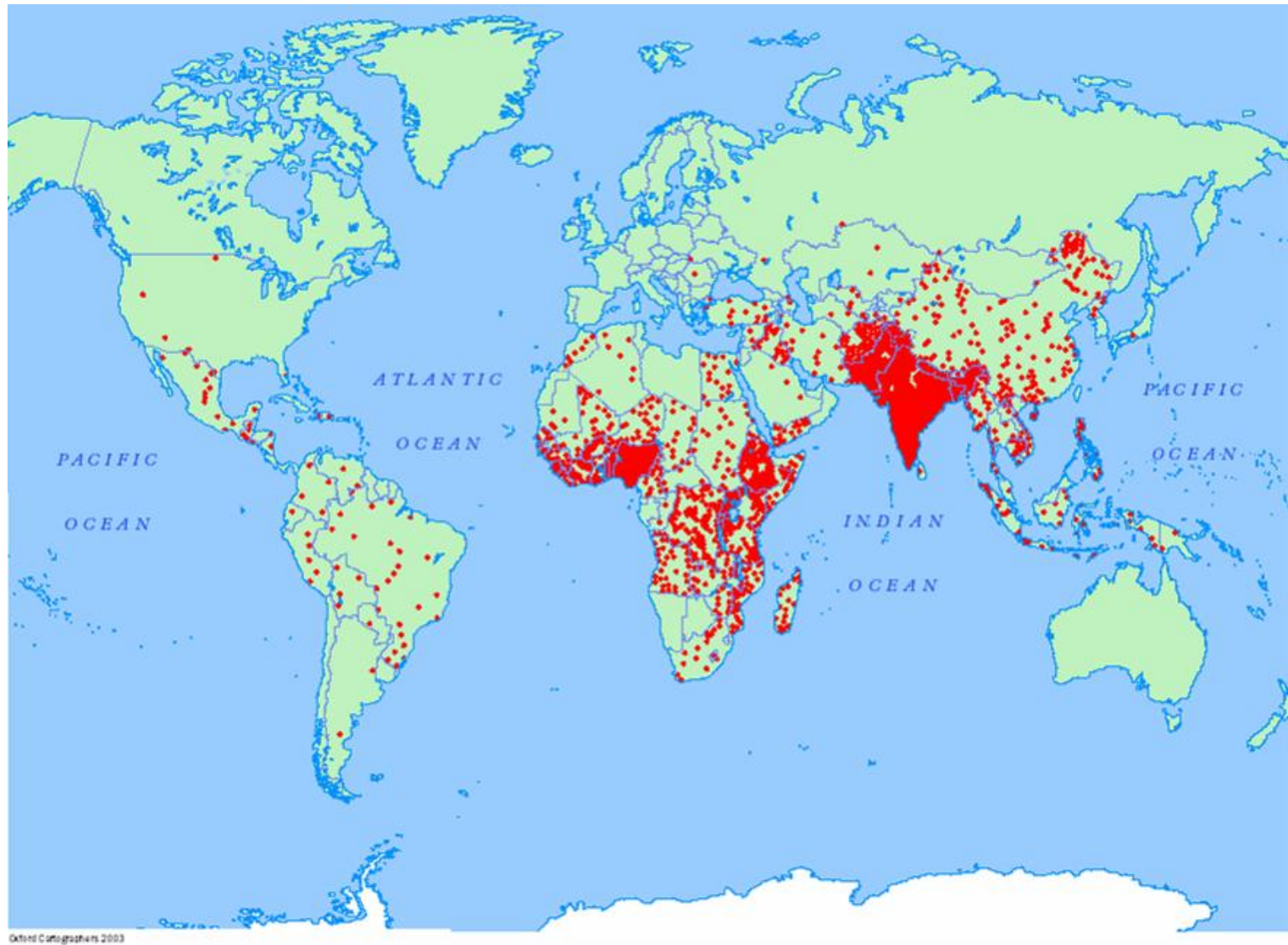
Goal 6:  
Combat HIV/AIDS, Malaria and other diseases

Goal 7:  
Ensure Environmental Sustainability



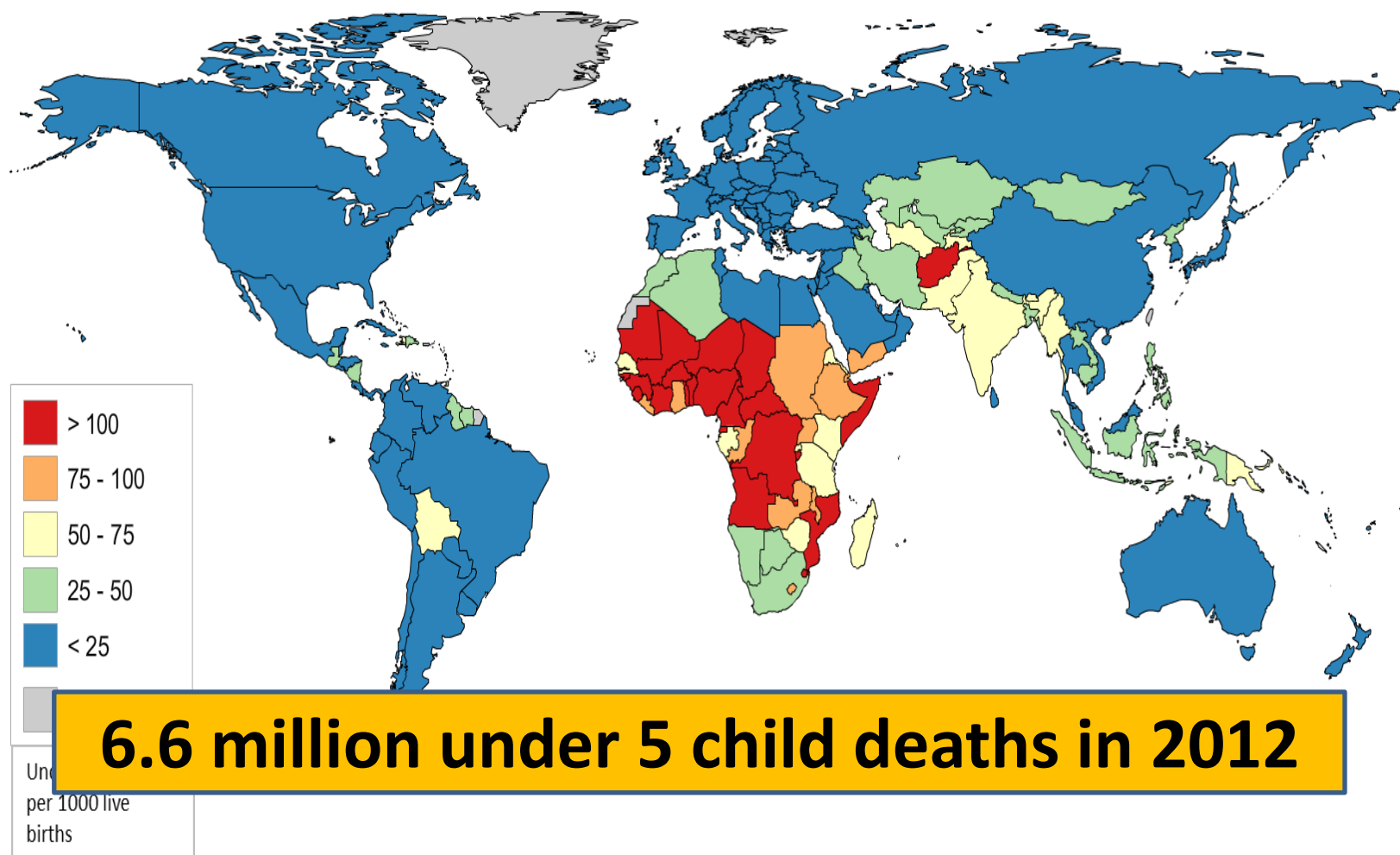
Goal 8:  
Develop a Global Partnership for Development

# Where were 10 million children dying every year?



*Black et al 2003*

## Under 5 child (0-59 months) mortality rate 2011

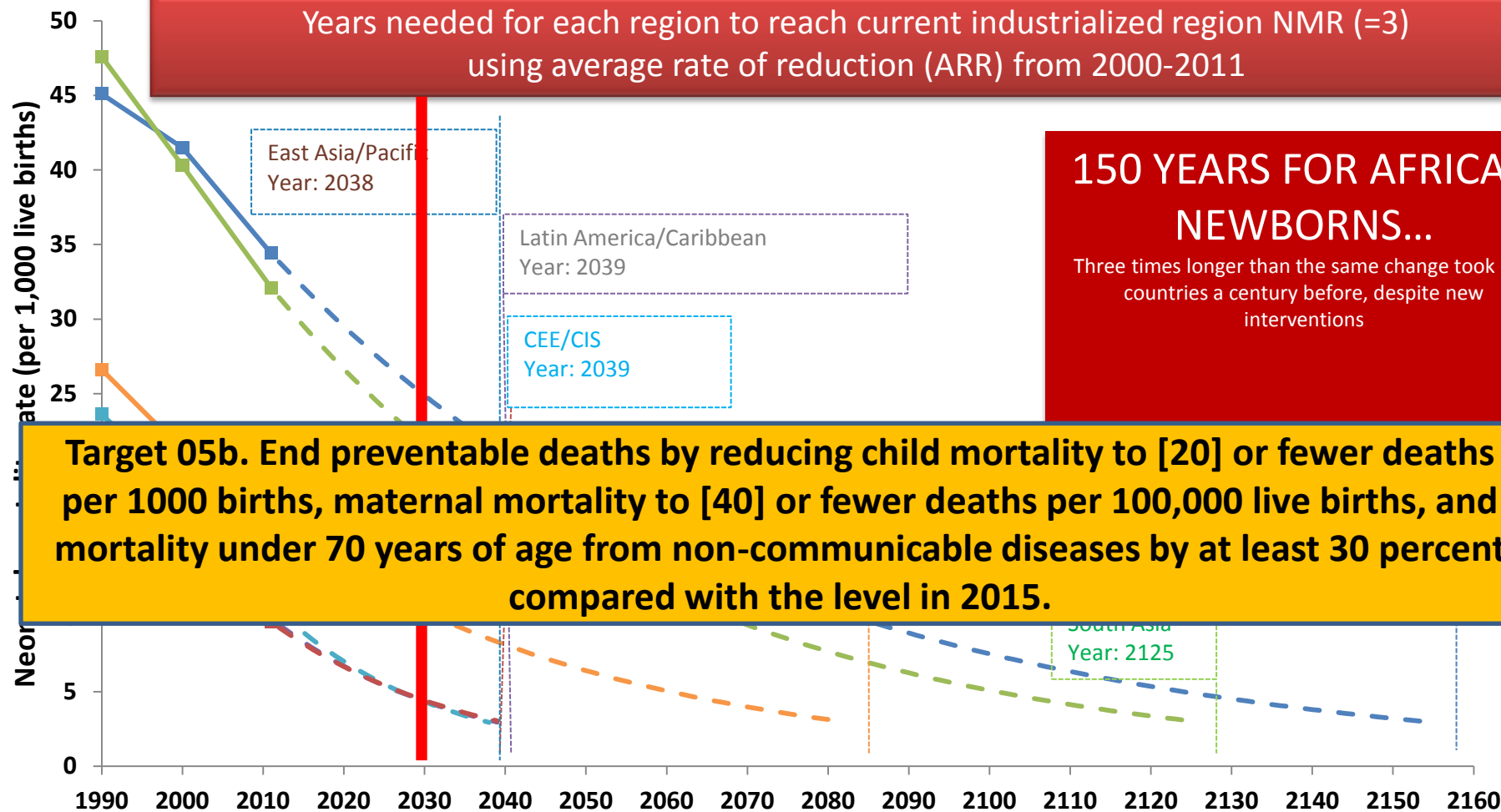


# Inequalities exist in Newborn Survival



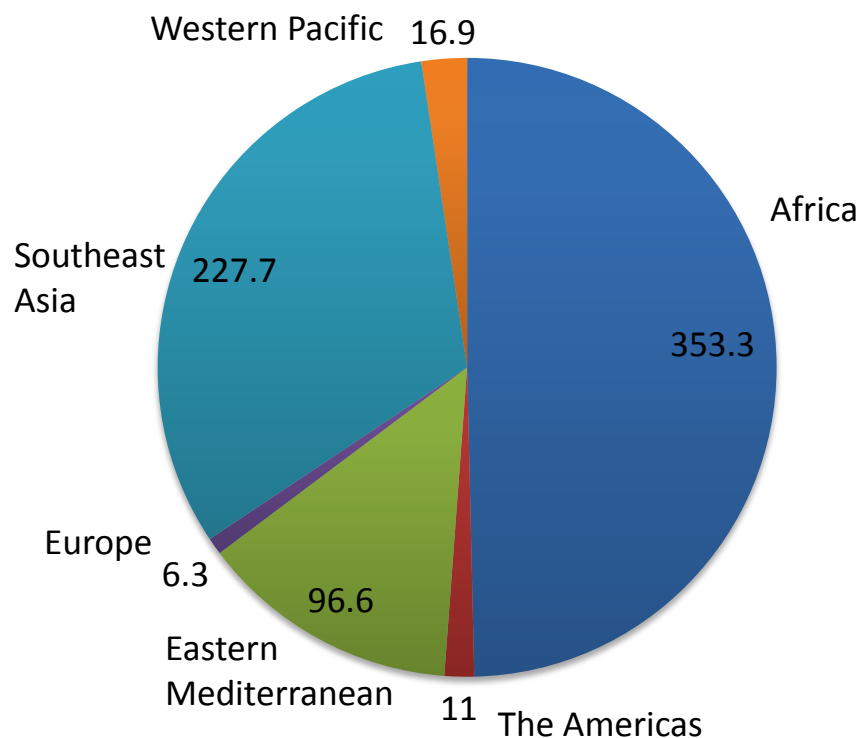
# Inequalities exist in Newborn Survival

Years needed for each region to reach current industrialized region NMR (=3) using average rate of reduction (ARR) from 2000-2011

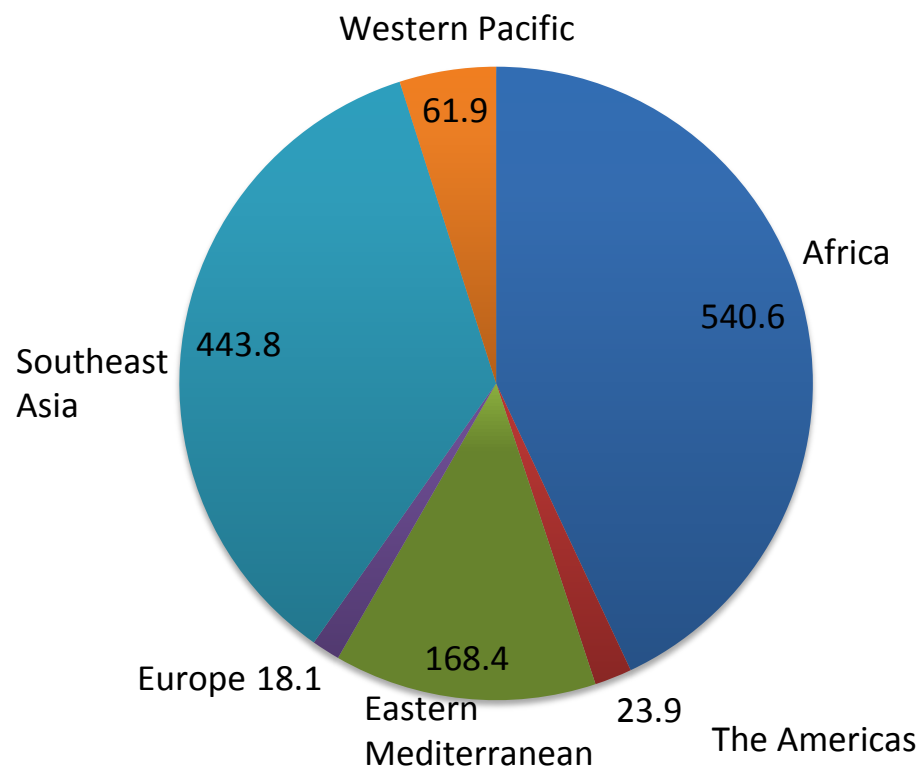


# Regional burden of diarrhoea and pneumonia mortality among children aged 0-4 years in 2011

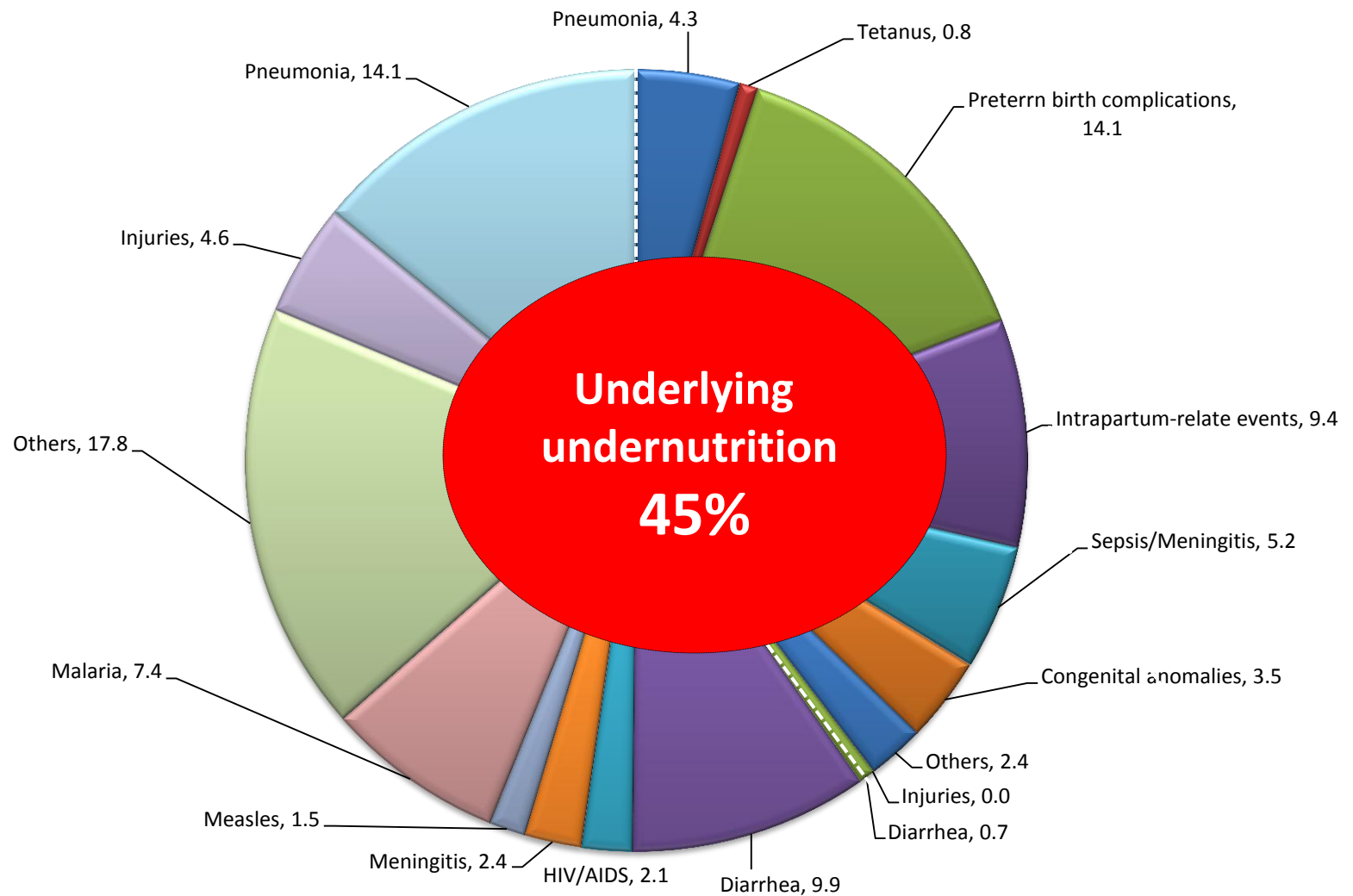
**Diarrhoea**  
**711,800 deaths**



**Pneumonia**  
**1,256,800 deaths**



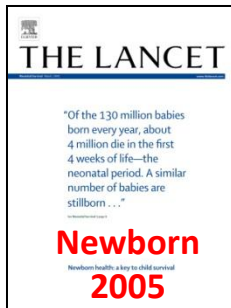
# Causes of under 5 child deaths





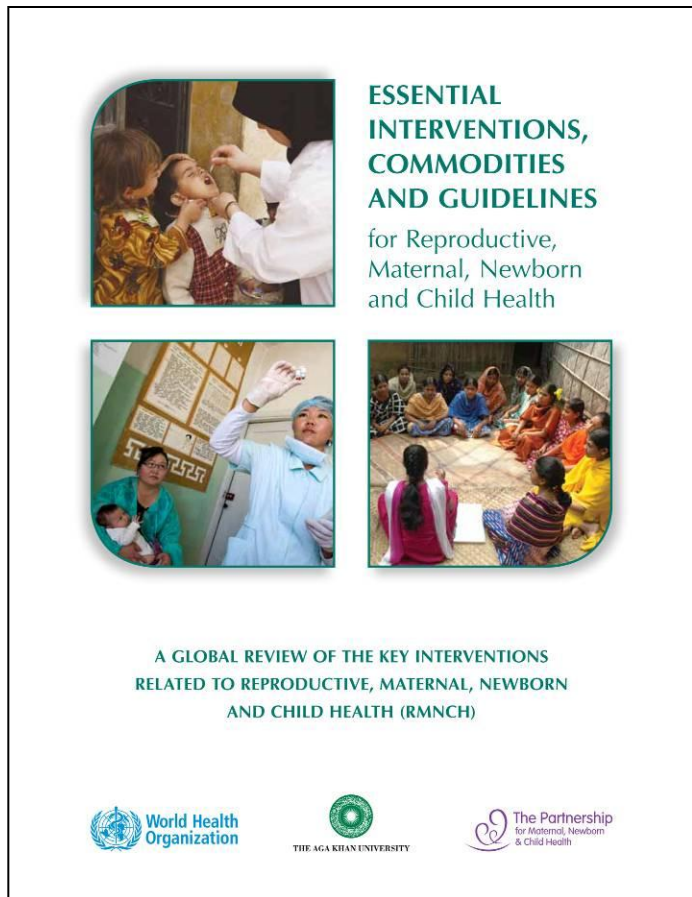
**What works?**

# The Lancet & Maternal/Child Health

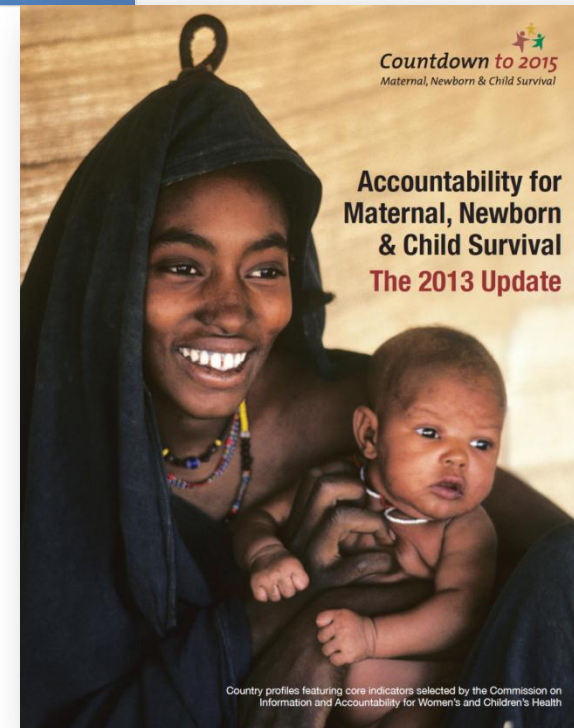
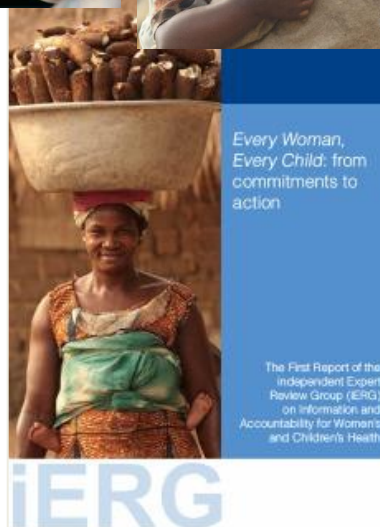
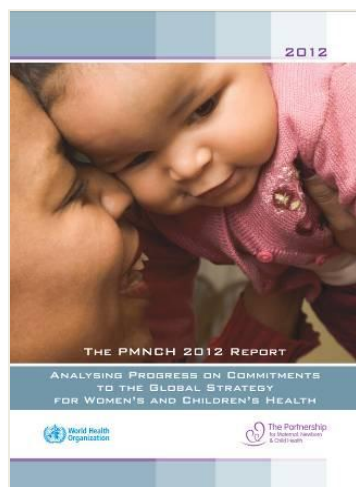
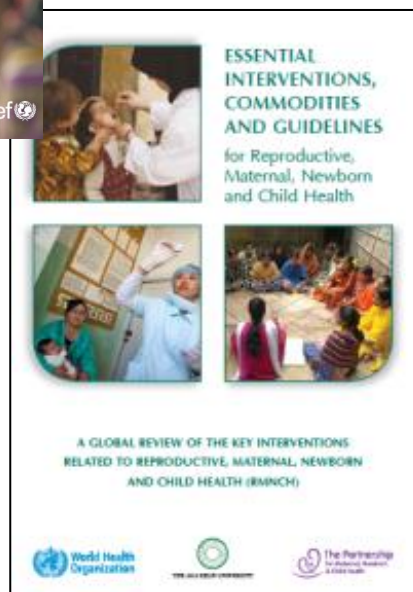
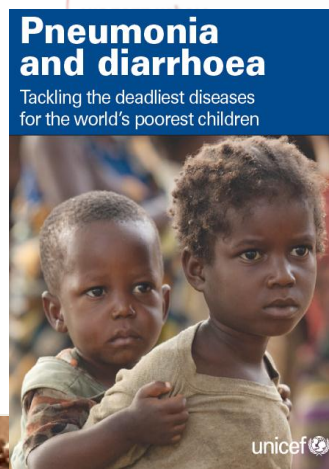
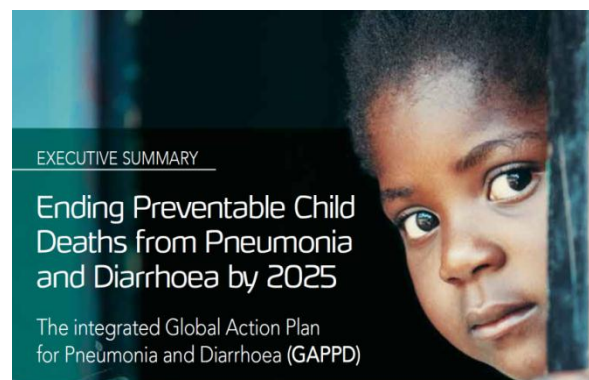
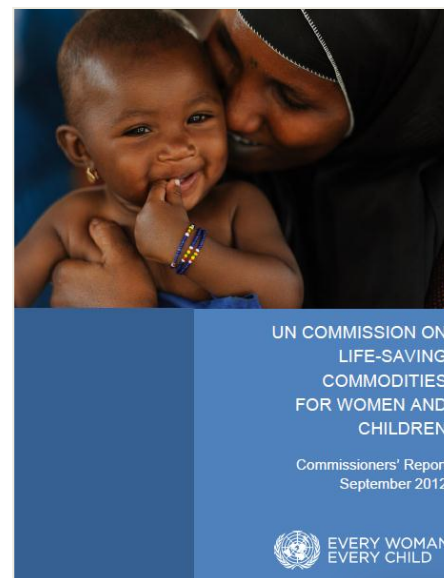
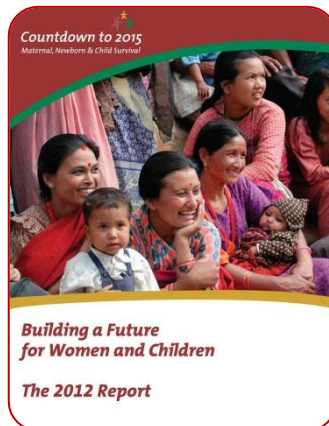
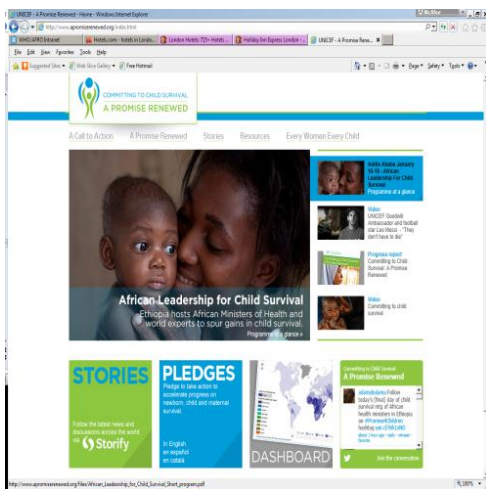


**36 key interventions can make a huge difference if delivered in primary care settings**

# Consensus on essential RMNCH interventions



- First ever multi-stakeholder consensus on what works for RMNCH
- Led by WHO, Aga Khan University in Pakistan and PMNCH with 40+ friends...
- Based on 3 year review – over 50 000 scientific papers
- Packages of care across the continuum of care
- Supports policy making and resource allocation at global and national level





EVERY WOMAN  
EVERY CHILD

## Global Strategy for Women's and Children's Health - Every Woman Every Child

Country leadership & Implementation

Key catalytic initiatives in support of *Every Woman Every Child*

Family Planning  
2020

UN Commission on Life  
Saving Commodities

A Promise  
Renewed

Global action plans: Every Newborn, scaling up nutrition,  
global action plan for pneumonia & diarrhea, Vaccine Action  
Plan, WASH for all, and others

Who? Global mechanisms for coordinated action and advocacy  
Some examples:

PMNCH

H4+

GAVI

RMNCH  
Fund

MDG Alliance

Innovation  
Working Group

Commission on Information and Accountability and independent Expert  
Review Group

## Information & Accountability





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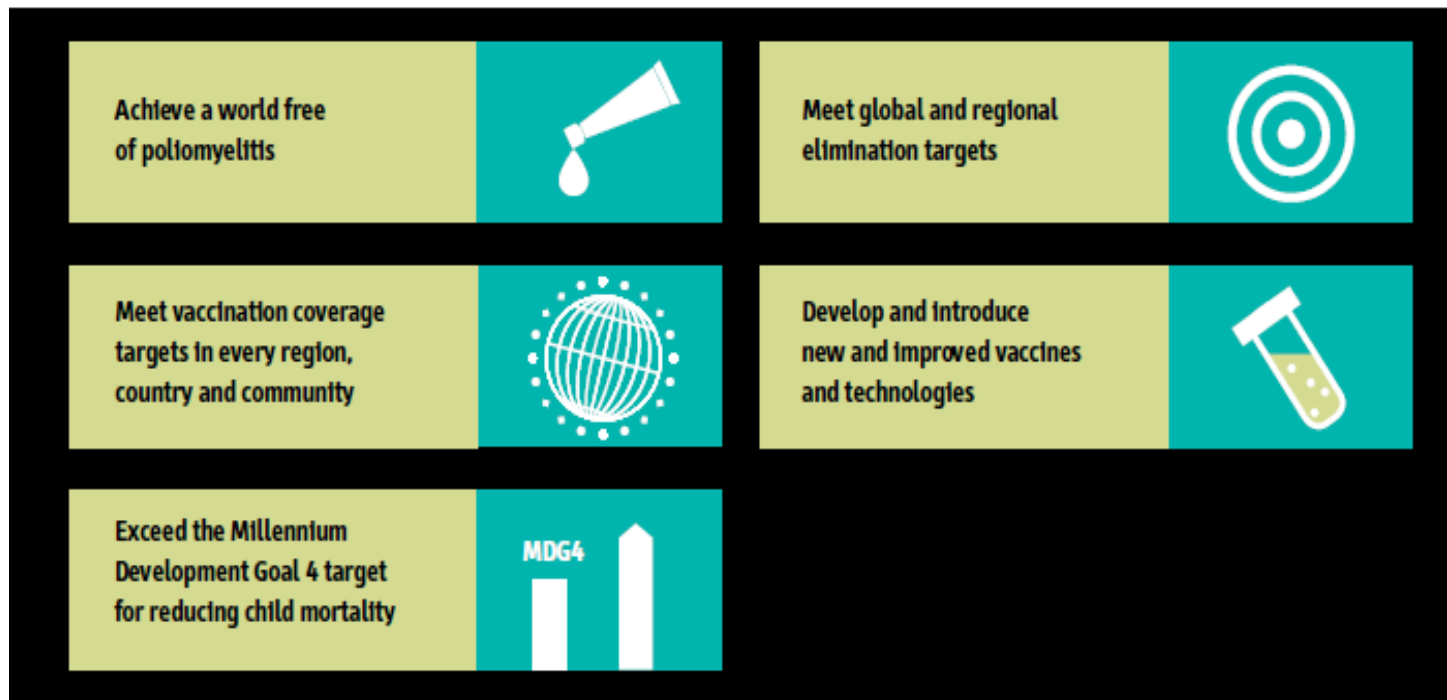
Innovation  
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## Information & Accountability

# Global Vaccine Action Plan 2011-2020

## Goals of the Decade of Vaccines (2011–2020)





EVERY WOMAN  
EVERY CHILD

# EVERY NEWBORN

AN ACTION PLAN TO END  
PREVENTABLE DEATHS

How to use the Toolkit

10 July 2013



United Nations Secretary-General's  
A PROMISE RENEWED





# Key Advances in 2013

## THE LANCET

[www.thelancet.com](http://www.thelancet.com)

### Childhood Pneumonia and Diarrhoea

Executive Summary of *The Lancet* Childhood Pneumonia and Diarrhoea Series



"This Series identifies 15 key interventions that, if delivered at high coverage and quality, would eliminate 95% of diarrhoeal and 67% of pneumonia deaths in children younger than 5 years by 2025."

## THE LANCET

[www.thelancet.com](http://www.thelancet.com)

### Maternal and Child Nutrition

Executive Summary of *The Lancet* Maternal and Child Nutrition Series



"Nutrition is crucial to both individual and national development. The evidence in this Series furthers the evidence base that good nutrition is a fundamental driver of a wide range of developmental goals. The post-2015 sustainable development agenda must put addressing all forms of malnutrition at the top of its goals"

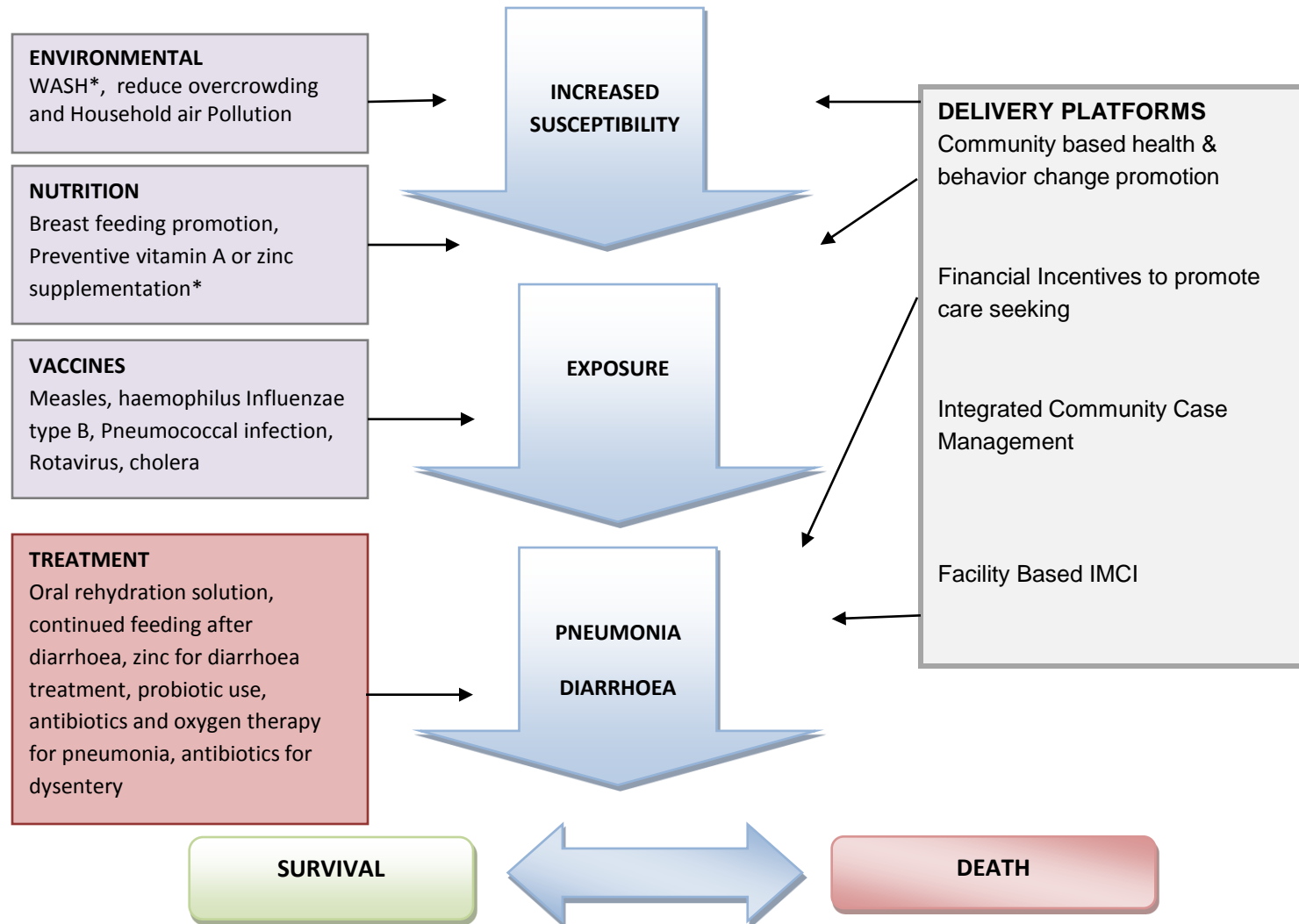
# Ending Preventable Child Deaths from Pneumonia and Diarrhoea by 2025

The Integrated Global Action Plan  
for the Prevention and Control  
of Pneumonia and Diarrhoea

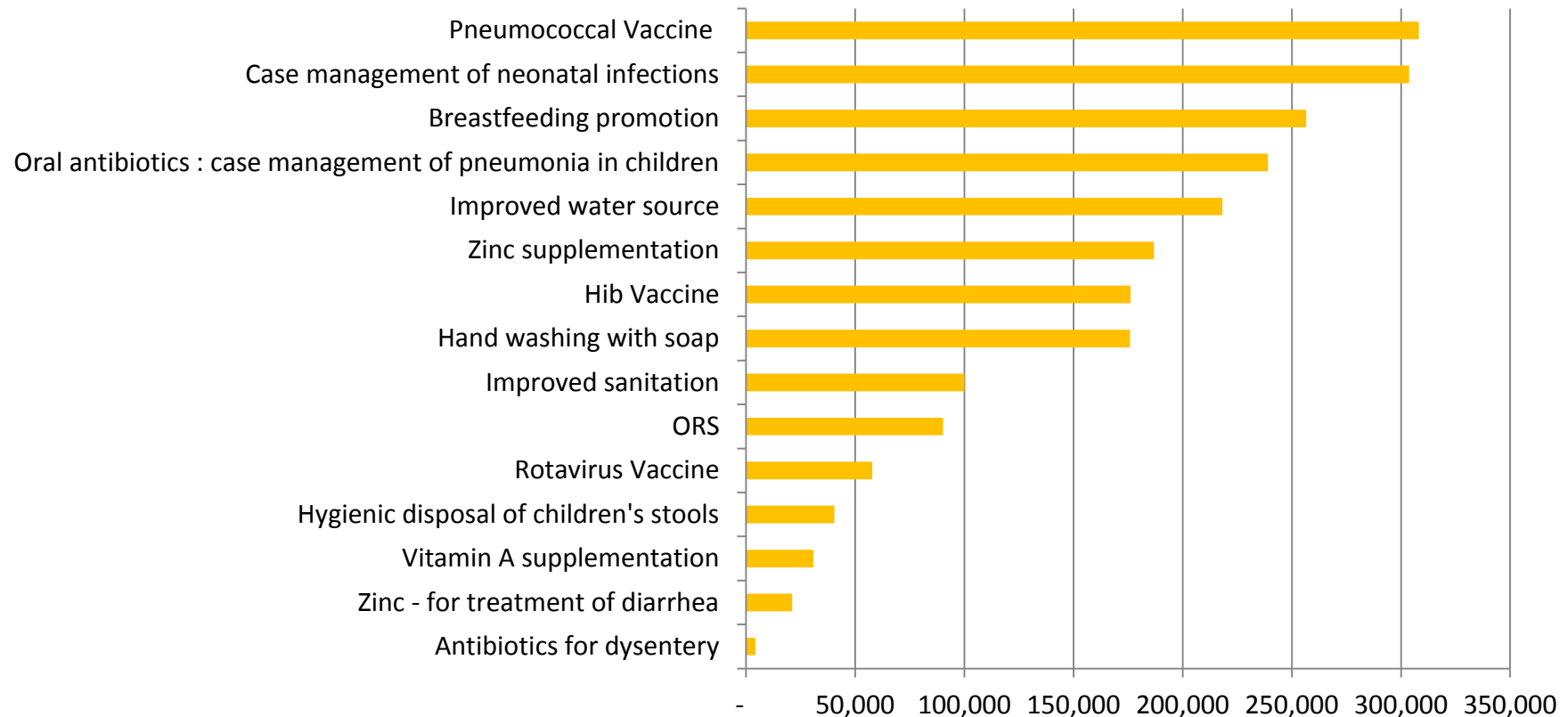


# Conceptual Framework

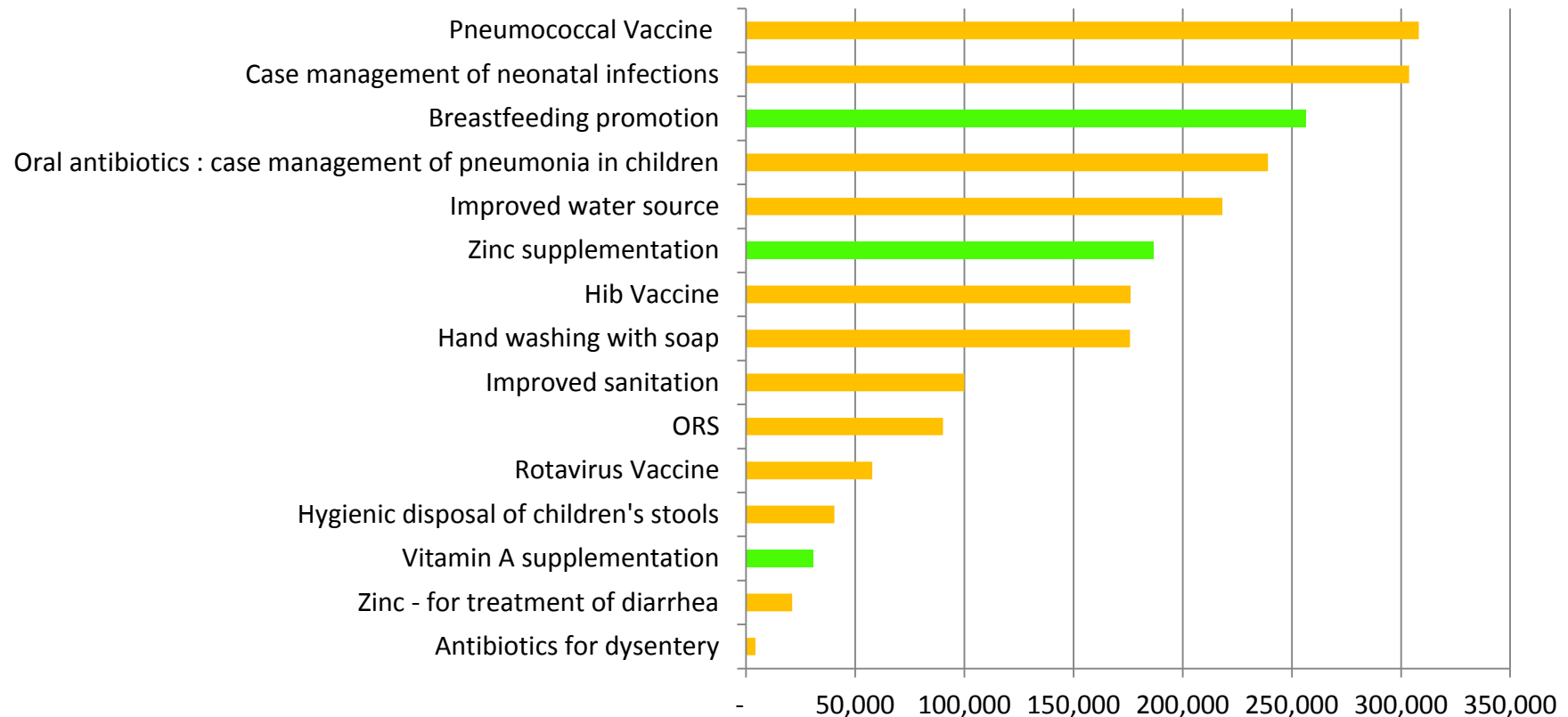
THE LANCET



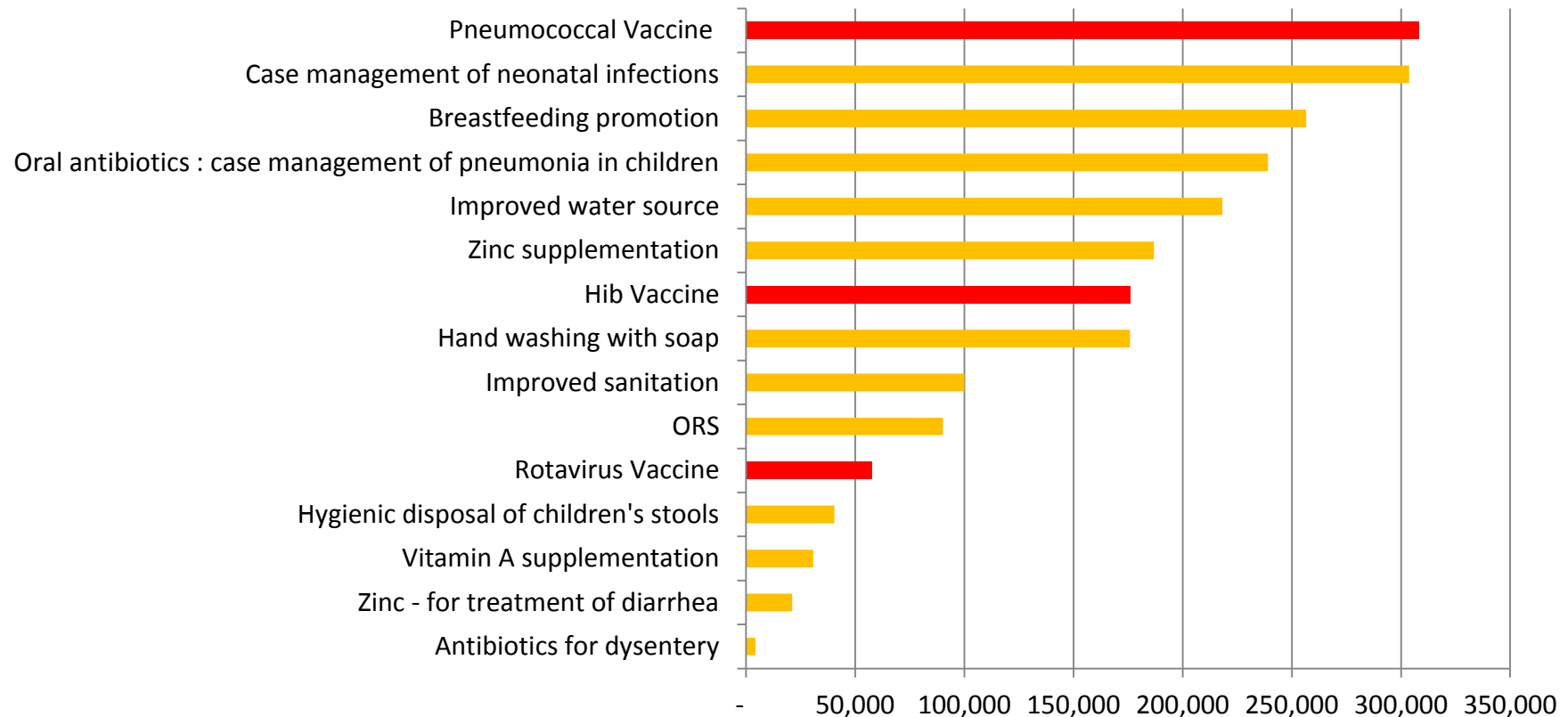
# Impact of individual interventions on deaths due to diarrhoea and pneumonia (Sequential)



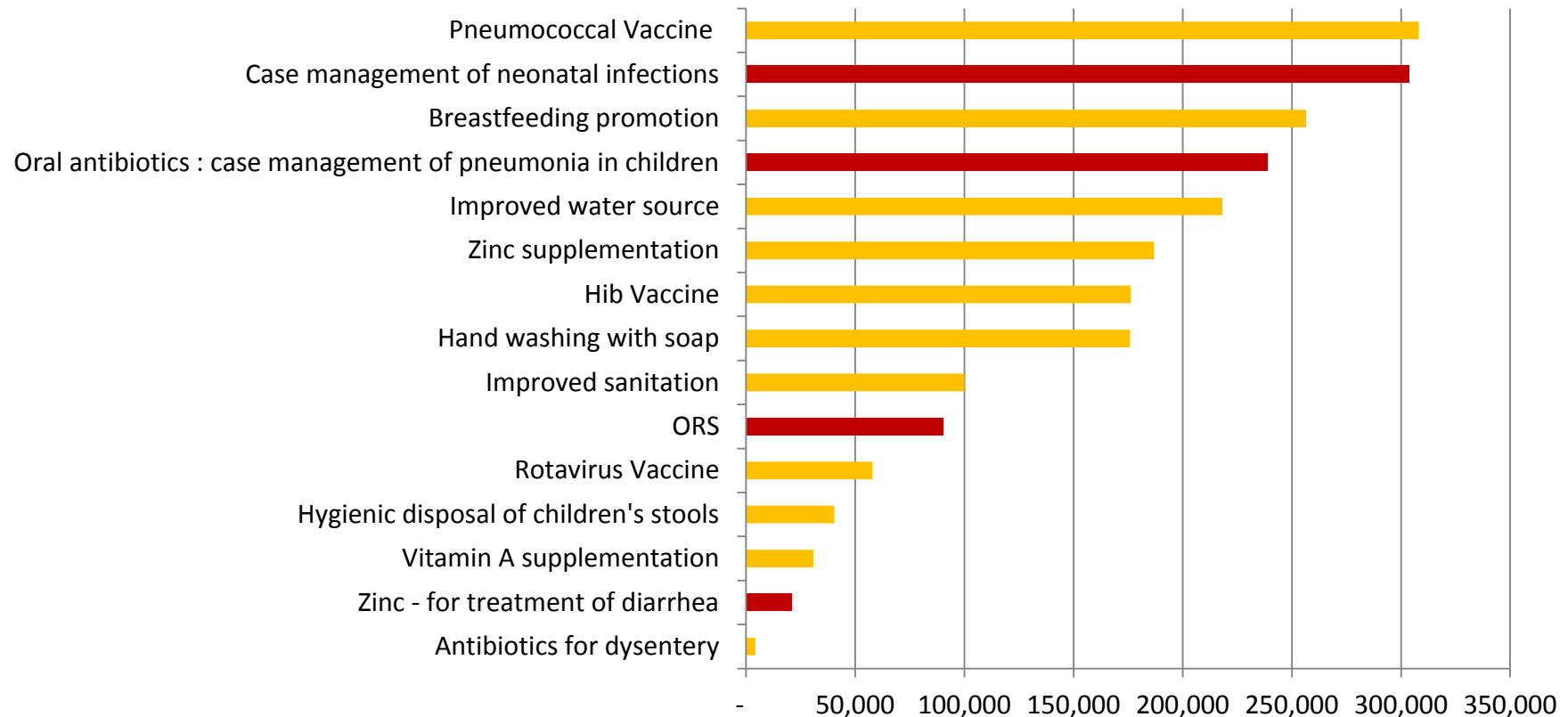
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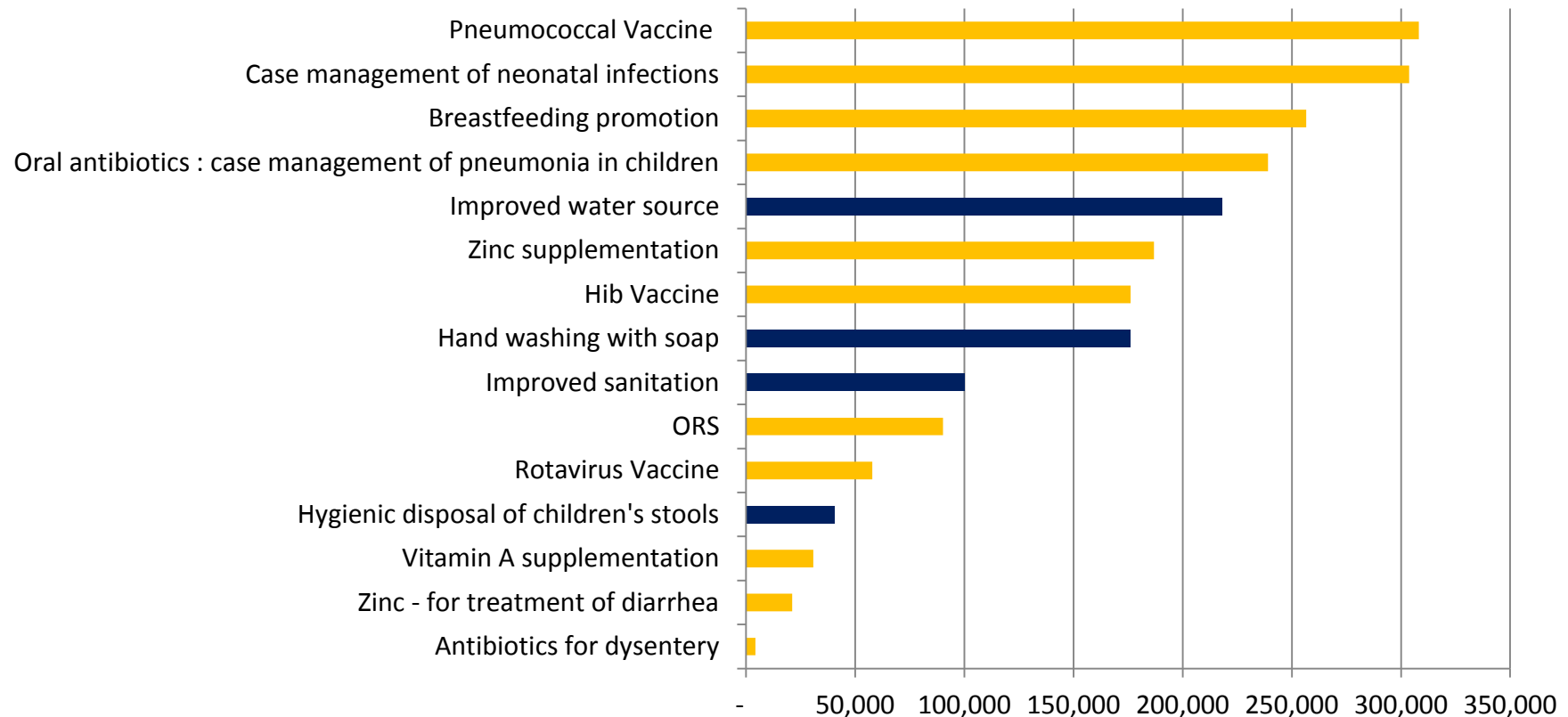
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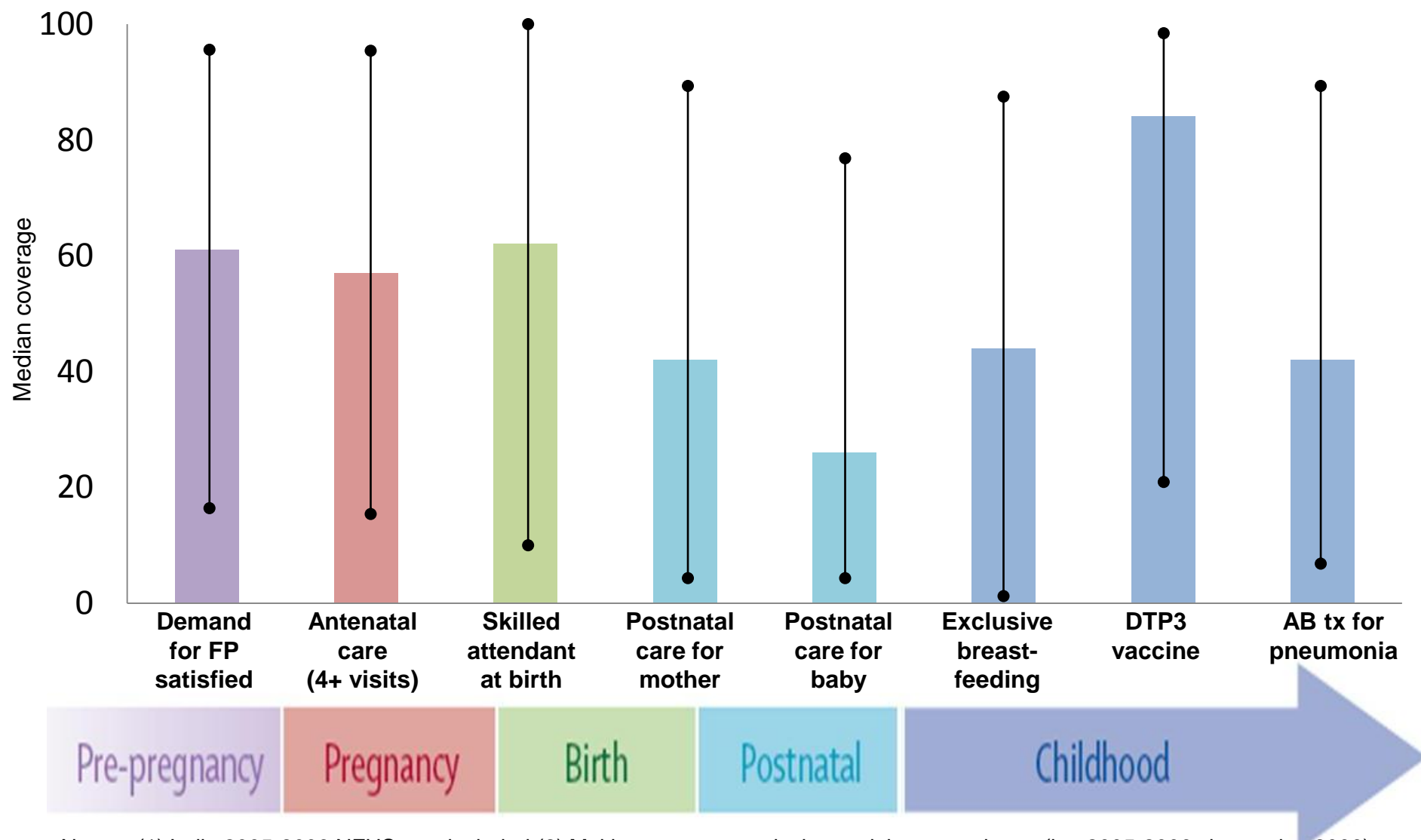




***So, what happens in the real world?***

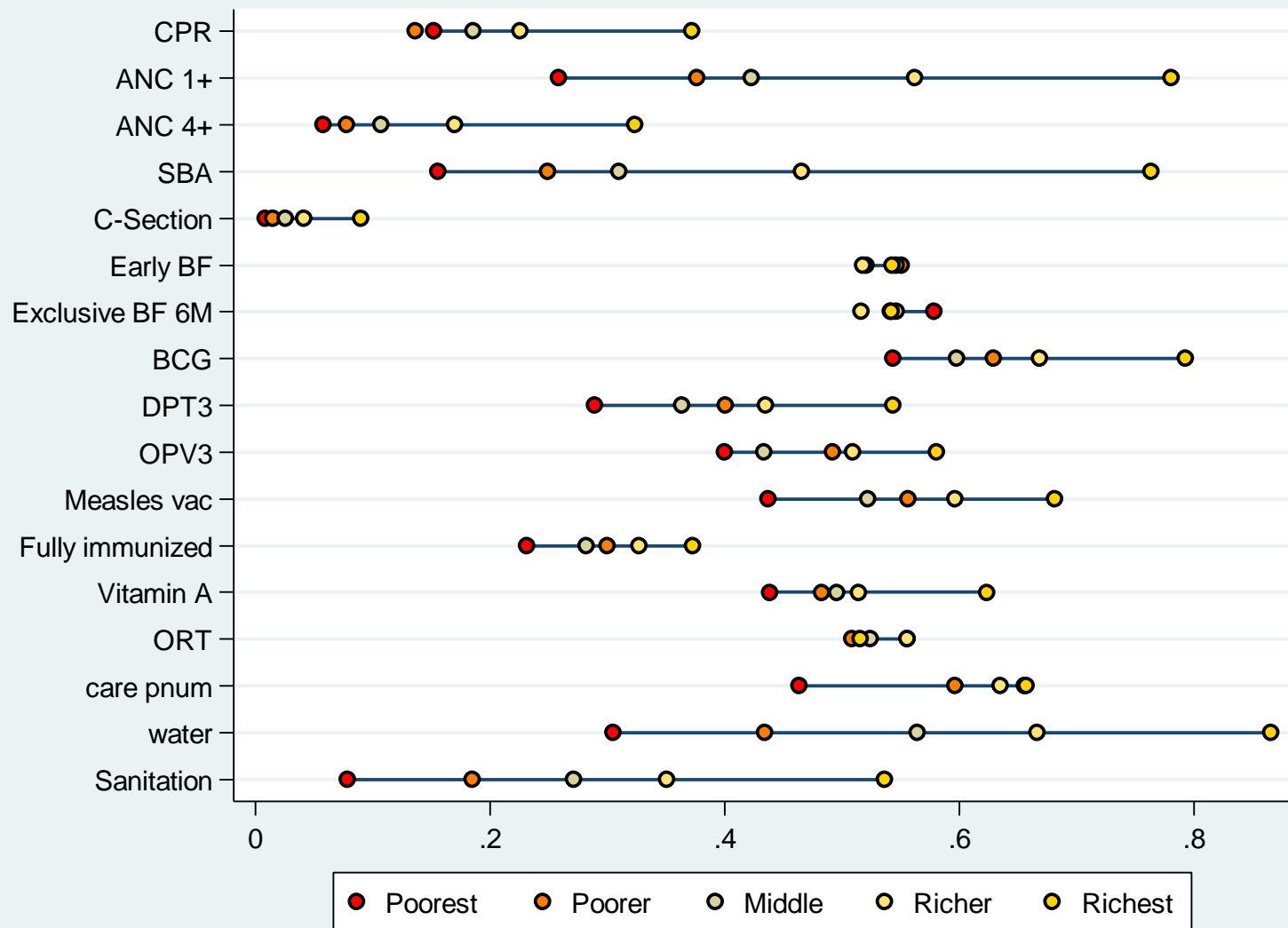
# Intervention Coverage Across the Continuum of Care

Coverage levels for selected Commission indicators of intervention coverage, median and range for priority countries with data available, 2007-2012.

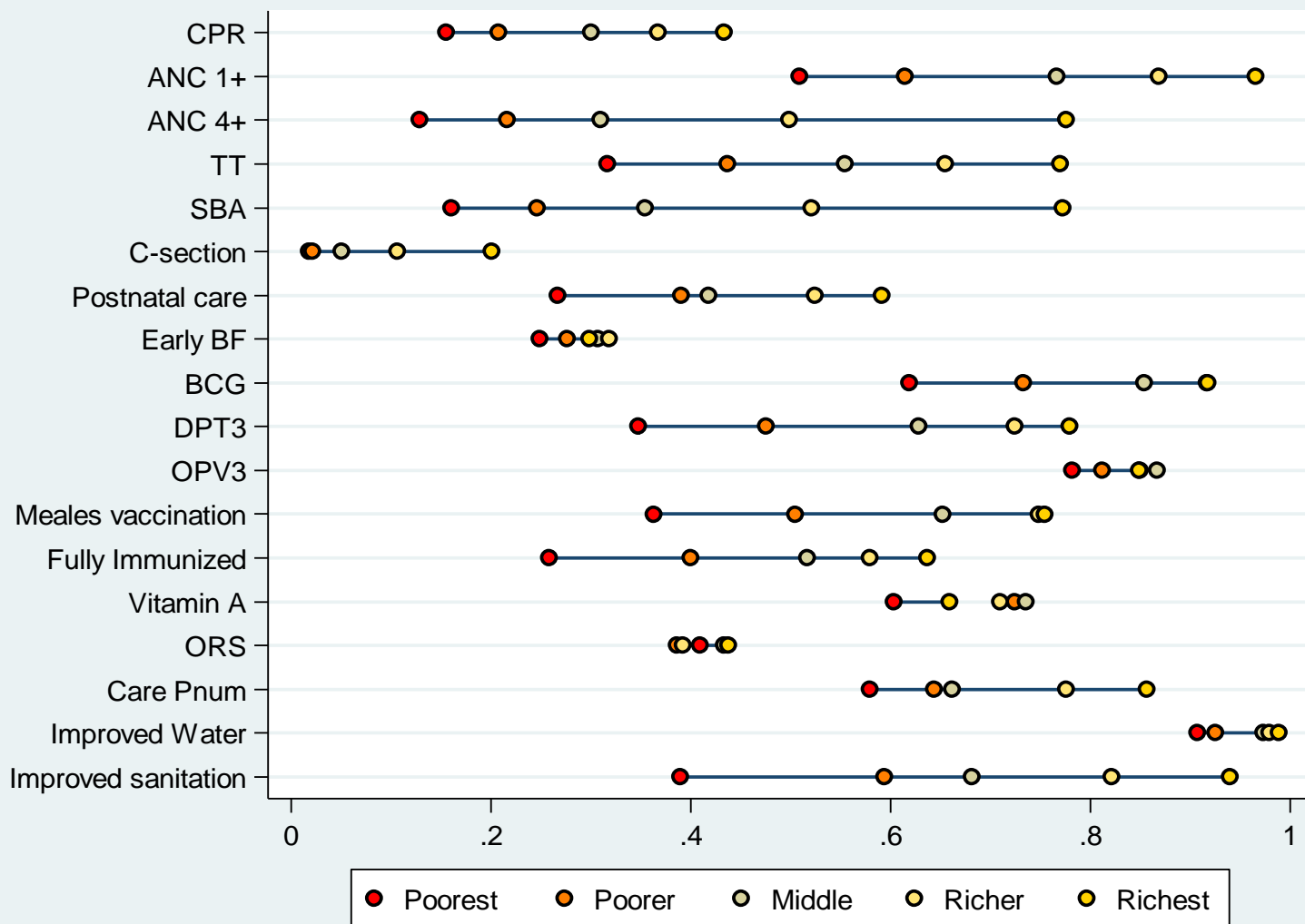


Notes: (1) India 2005-2006 NFHS was included (2) Multi-years surveys designated the second year (i.e. 2005-2006 changed to 2006)

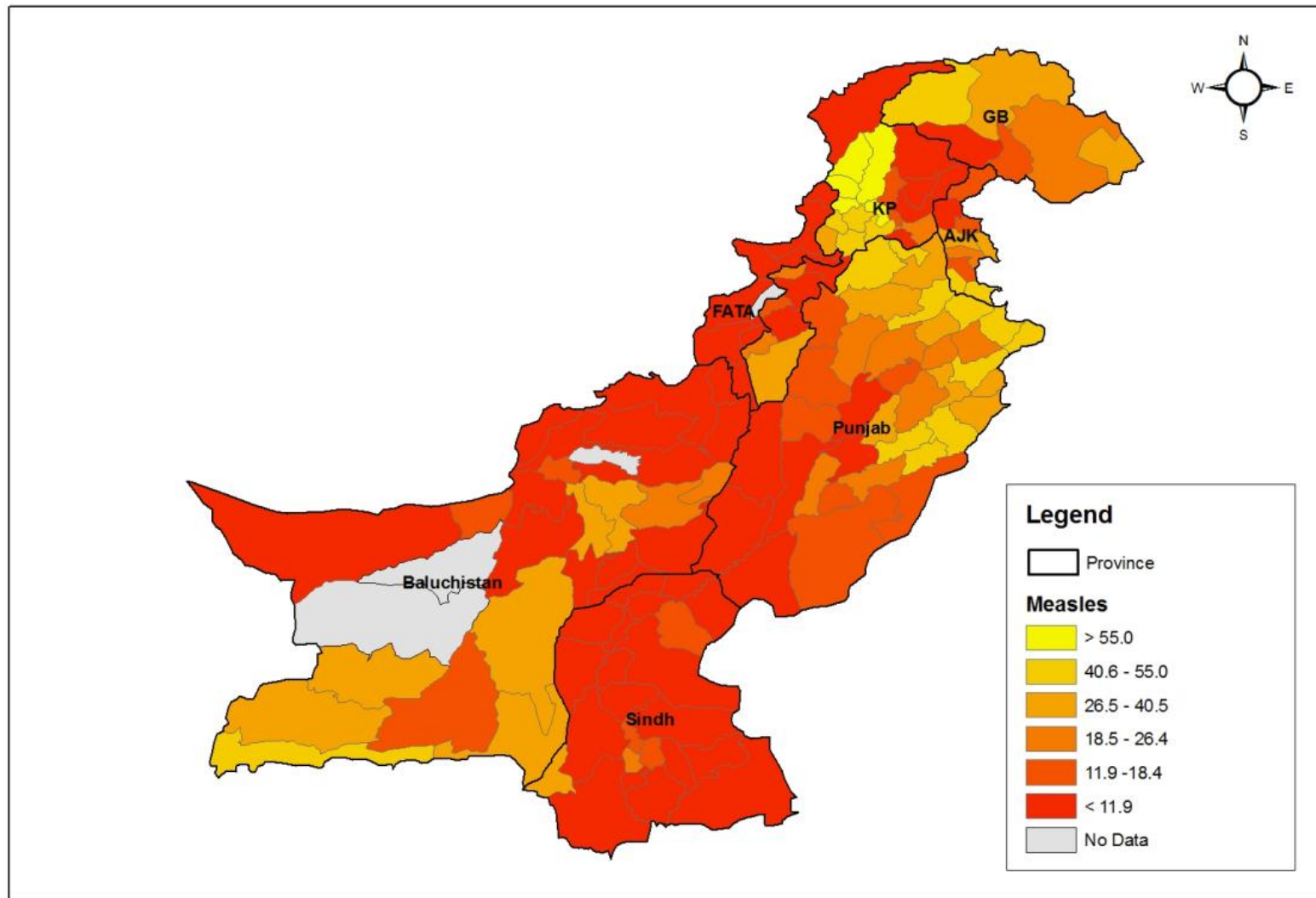
# Inequity in MNCH (Afghanistan)



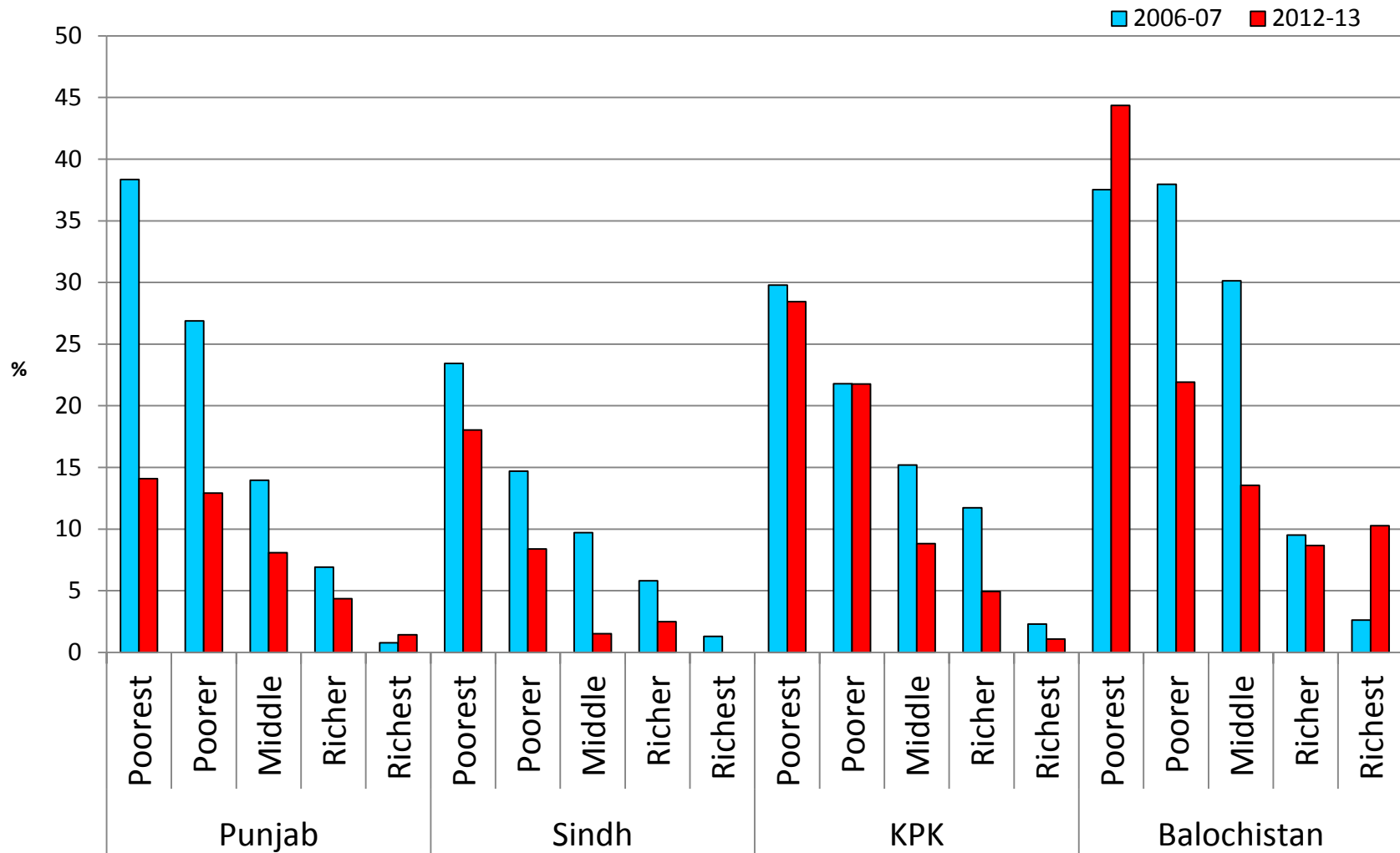
# Inequity in MNCH (Pakistan)



# Measles vaccine receipt (verified by card)

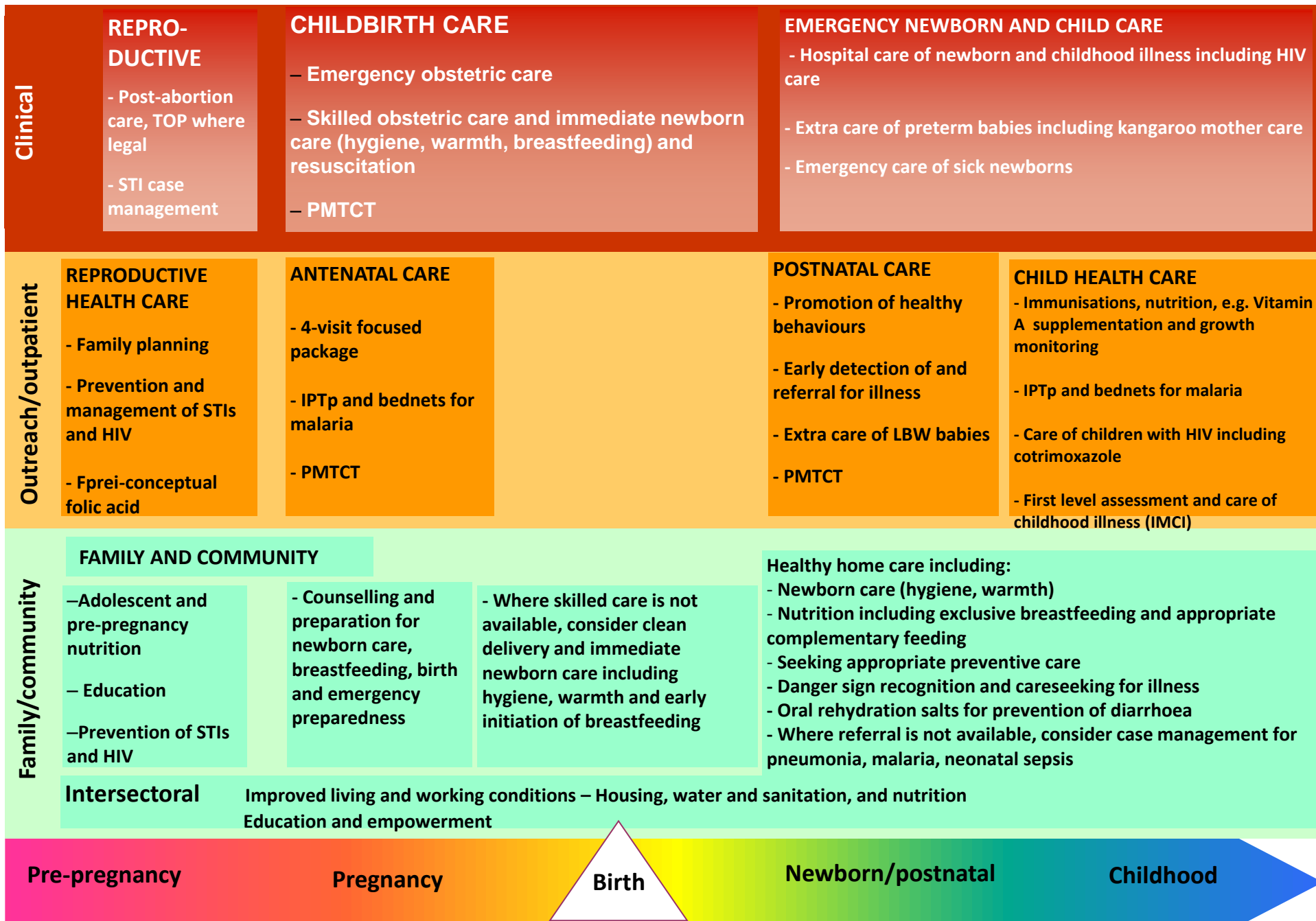


# Almost a quarter receive no intervention!



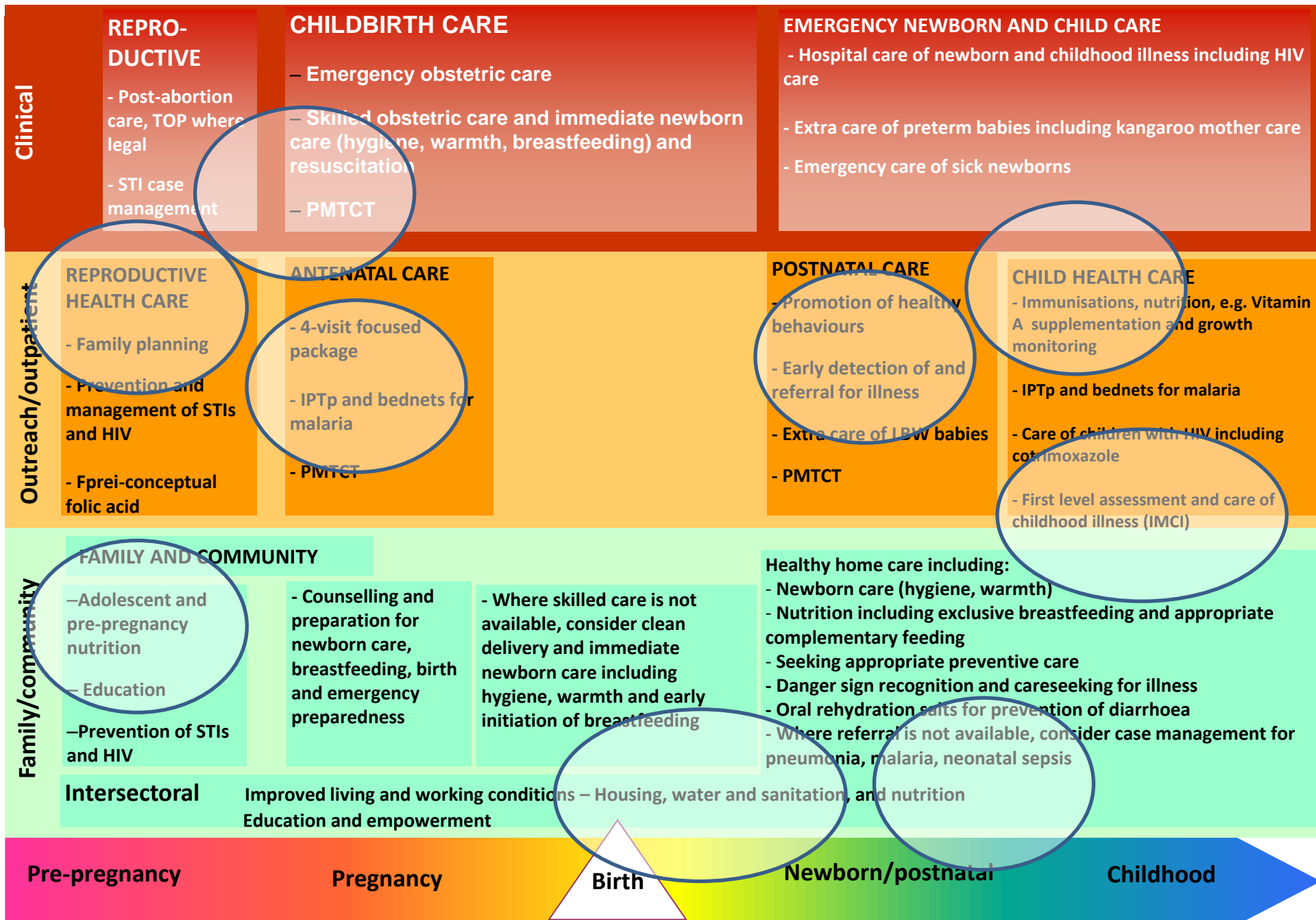
# **The challenge of integration**

# The case for Integrated maternal, newborn and child care

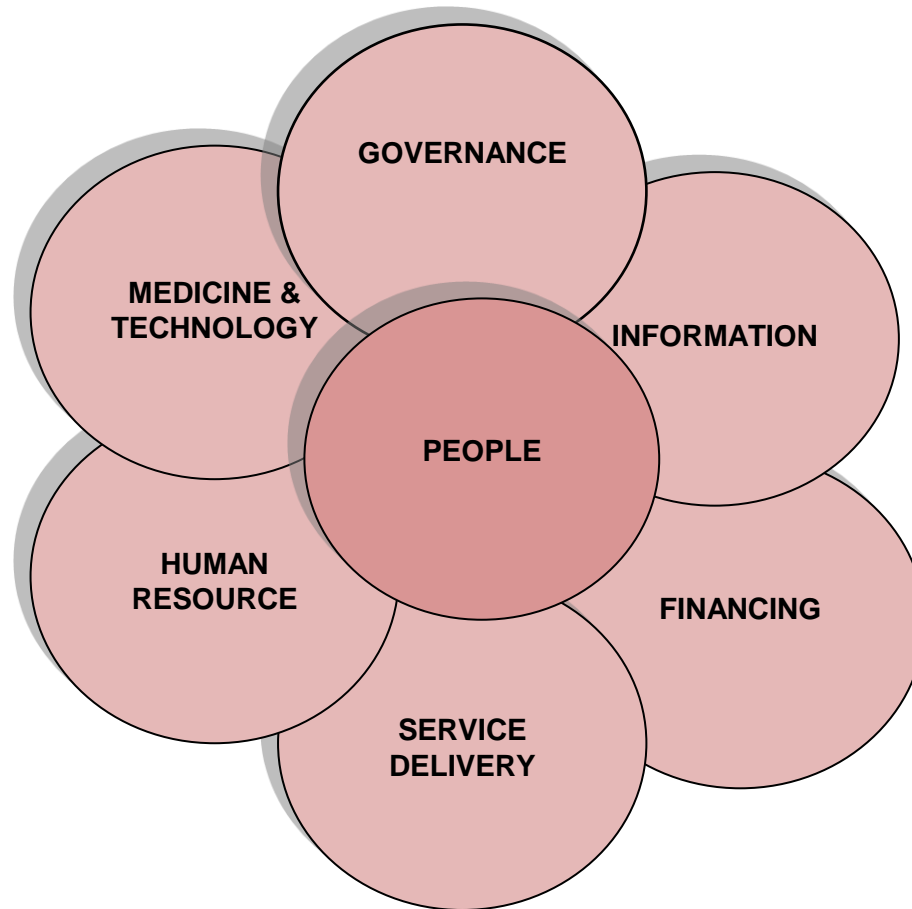




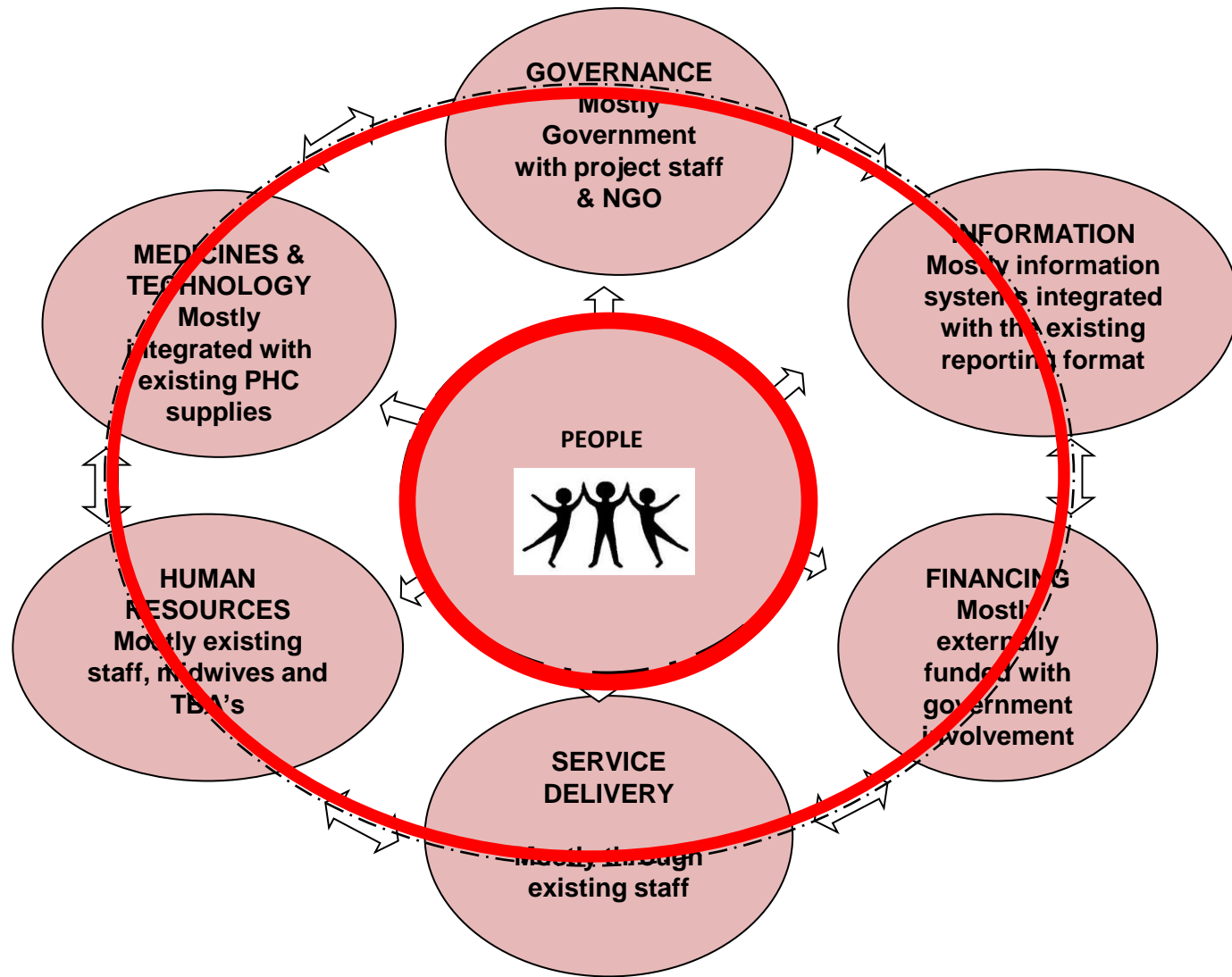
# The case for Integrated maternal, newborn and child care



# Health System Building Blocks



# Two levels of integration



# Delivery Platforms for reaching the unreached

## Community delivery platforms for nutrition education and promotion

- Improve rates of facility births by 28%
- Doubling of initiation of breastfeeding within 1 h and EBF
- Substantial potential to improve the uptake of child health and nutrition outcomes among difficult to reach populations

## Reduction of financial barriers

- Policy strategies to ameliorate poverty, reduce financial barriers, and improve population health
- Promote increased coverage of child health interventions
- Pronounced effects achieved by those that directly removed user fees for access to health services

## Child Health Days

- Introduced in weak health systems to rapidly enhance coverage of essential child survival interventions
- Promote increased coverage than stand alone campaigns
- Overall equity effect of these approaches are uncertain and further studies are needed

# Emerging opportunities

- Growing evidence of delivery strategies and platforms that can reduce inequities & reach the unreached, e.g.
  - Community delivery platforms & outreach services
  - Financial support & poverty alleviation strategies
- Evidence that rapid scale-up of health, immunization & nutrition services is also possible (Child Health days); however, this is still not systematic nor linked to health system functionality
- However, although integrated service delivery at point of care is feasible and progressing, silos remain across all tiers of the health system