

# **Peru Countdown Case Study**

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# Outline

- I. Changes in MNRCH indicators since 1990s
- II. Changes in broad contextual factors
- III. Objectives
- IV. Methods
- V. Expected products
- VI. Challenges

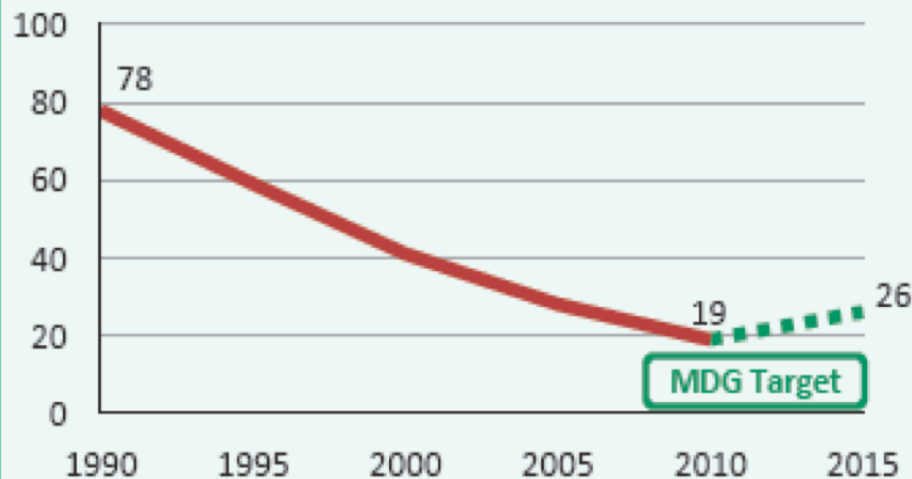




# I. Changes in RMNCH indicators, since 1990s

## Under-five mortality rate

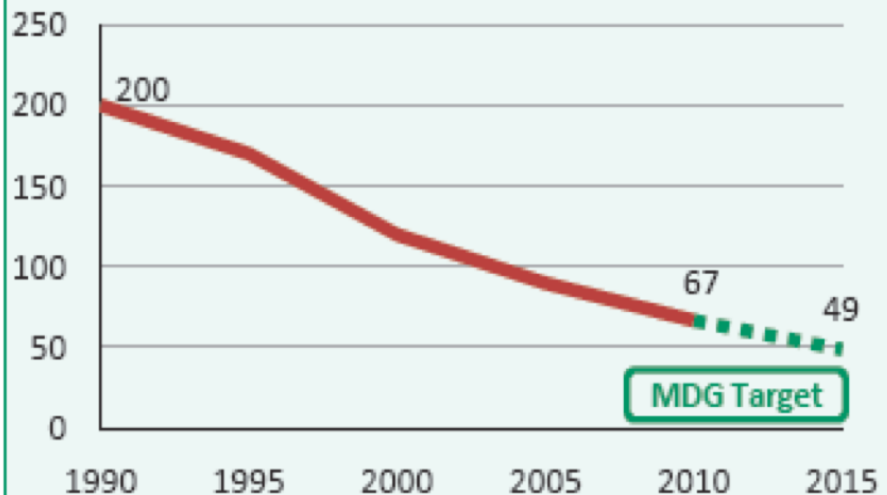
Deaths per 1,000 live births



Source: IGME 2011

## Maternal mortality ratio

Deaths per 100,000 live births

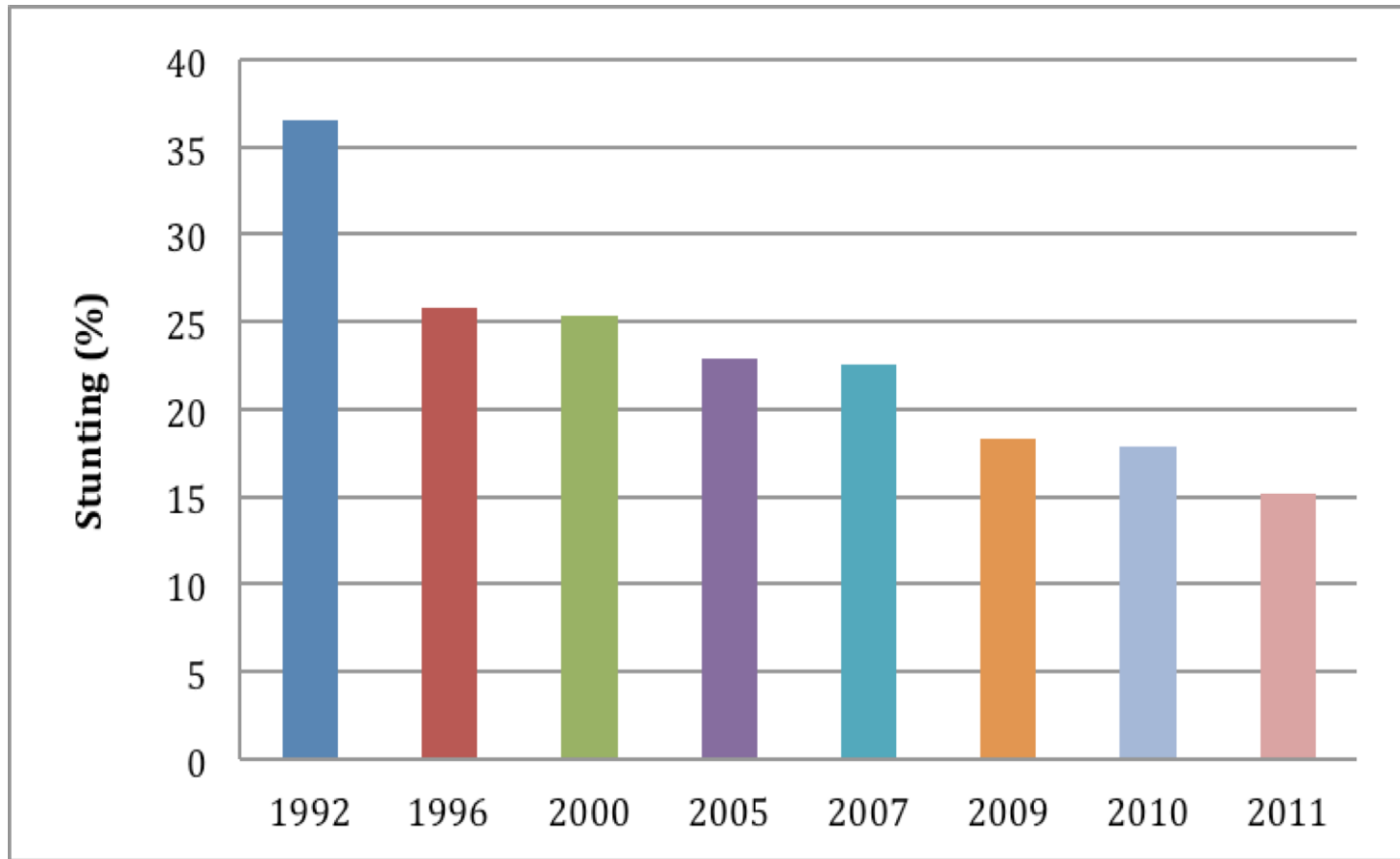


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

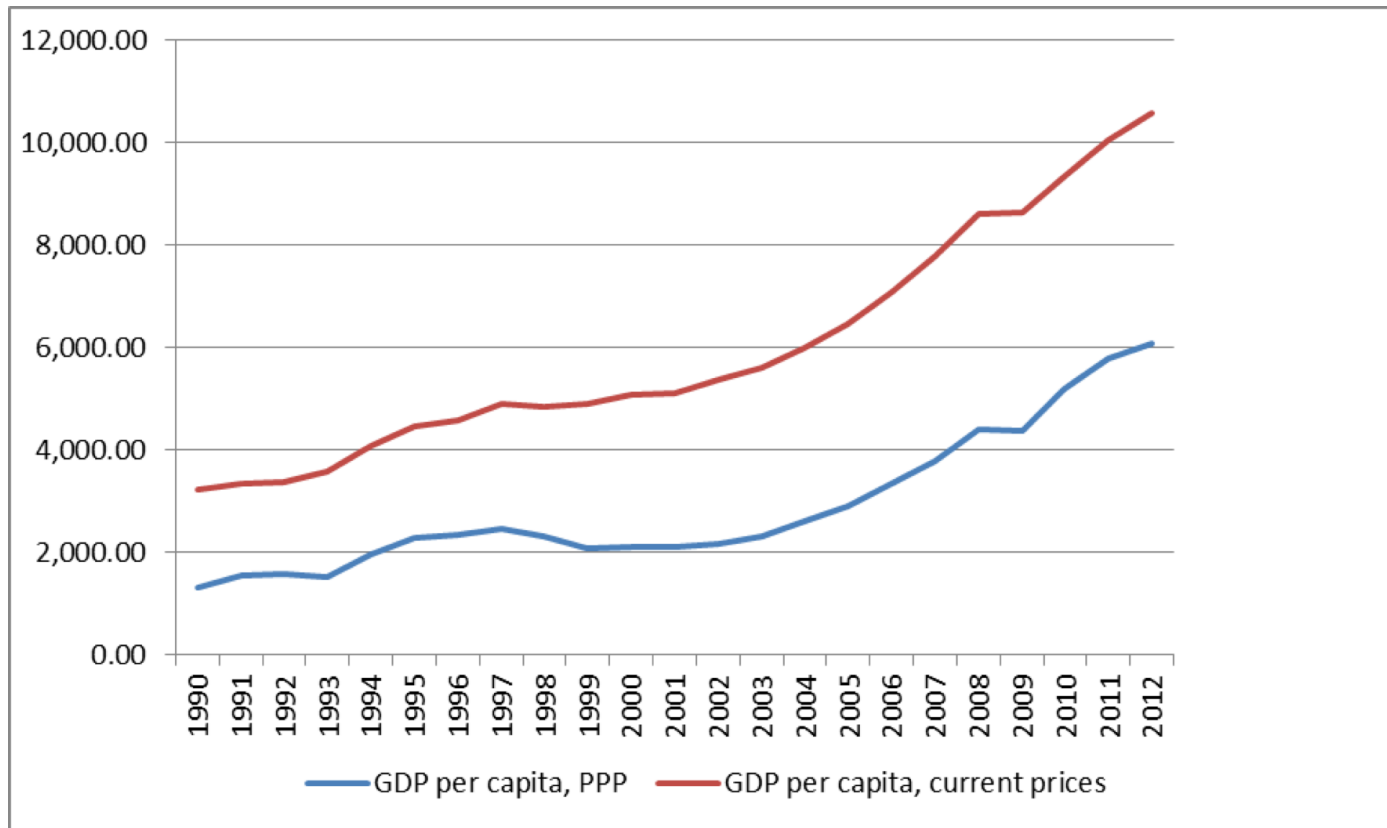
**Figure 1. Peru: under-five mortality rate and maternal mortality ratio, 1990-2010. Source: Countdown to 2015. The 2012 report.**

# I. Changes in RMNCH indicators, since 1990s (ctd.)



**Figure 2. Peru: under-five stunting prevalence, 1992- 2011. Source: DHS.**

## II. Broad contextual changes



**Figure 3. Peru: GDP per capita, in current USD and based on PPP (in international dollars), 1990-2012**

## II. Broad contextual changes (ctd.)

- Anti-poverty interventions:
  - Conditional cash transfer programme (JUNTOS),
- Strengthening of political, economic and technical capacity of regional and local governments (decentralization)
- Provision of safe drinking water and sanitation to poorest areas
- Renewed impetus to education reforms
- Strengthening of the vital registration system



# III. Objectives

1. To determine time trends of broad contextual factors (socioeconomic, etc.) at national and district level, since 1990s
2. To determine time trends of programs out of health sector, same period
3. To determine time trends of coverage and quality of RMNCH interventions, same period
4. To determine time trend of RMNCH impact indicators, same period
5. To seek sequentially associations between 1, 2, 3 above with 4

# IV. Methods

- Visual exploration of time trends from distal to proximal
- Associations through spacial-temporal regressions
- An in-depth analysis of neonatal mortality will be included
- An equity component will be included whenever possible in all associations
- We will use secondary data and have the combination of one year one district as the unit of analysis
- We will additionally perform in-depth policy and financial flow analyses

# V. Expected products

- Technical report
- Launch of the report (international and national countdown meetings)
- Scientific papers

# Challenges

- Availability & quality of information at district level, particularly for early 1990s
- How we will face them:
  - Through close collaboration with all sectors involved (MoH, MIDIS, M. Of Finance, etc.)
  - Through visits to districts whenever necessary
  - Through collaboration with CD TWGs

# Core Research team

- **PI:** Luis Huicho, Universidad Peruana Cayetano Heredia,
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