Malawi Countdown case study

Medson Makwemba, Lusungu Chisesa, Tim Colbourn

21st June 2013, Pelotas
Overview

• Background
• Objectives
• Methods
• Results
• Timelines and dissemination
Background

1. Malawi has made important progress in reducing maternal and child mortality.

2. Malawi was one of the first countries in Africa to scale-up community case management for childhood pneumonia, malaria and diarrhoea, using HSA.

3. Malawi has district-level data.
Objectives

• To contribute to the understanding of factors associated with progress in strengthening of RMNCH programs at national and district level

• To determine, factors associated with performance in increasing intervention coverage and improving health and nutritional status

• To provide evidence of the effectiveness of RMNCH program policies and strategies implemented, in light of contextual challenges (prevalence of HIV, famine nutritional and fuel crisis)

• To disseminate lessons learned for use in guiding future RMNCH policies and programs
Methods

1. Data sources:
   - MICS 2006,
   - MDG End-line survey 2013

2. Analyse district-level changes in key outcomes (mortality, fertility)

3. Analyse district-level trends in coverage and nutritional status using statistical packages
   - Equity analysis (wealth quintile, region, district)
   - LiST – projections of impact of future coverage
Methods

4. Document major policy and program inputs, health system variables and contextual factors at district level

5. Summarize financial flows for RMNCH & Nut at district level

6. Hold an integrated case study analysis workshop to prepare a draft report and manuscript
Results

• Maternal Mortality
• Equity of Coverage
  – By wealth quintile
  – By region
• Coverage projection - LiST
Coverage of Interventions by Wealth Quintile in Malawi

DHS 2010

DHS 2004

DHS 2000

MICS 2006

Graph command by Int’l Center for Equity in Health
www.equidad.org
Coverage by Region in Malawi

- Northern region coverage (%)
- Central region coverage (%)
- Southern region coverage (%)

Coverage by Region in Malawi

- Demand for family planning satisfied
- Contraceptive prevalence 1+ visit (any method)
- Skilled Birth Attendance
- C-section prevalence
- Early initiation of breastfeeding
- BCG vaccination
- DPT vaccination
- Measles vaccination
- Full vaccination
- Vitamin A Supplementation
- Oral Rehydration Therapy for diarrhea
- Careseeking for pneumonia
- Insecticide treated net use by children
- Improved water sources
- Improved sanitation facilities

- Coverage by Region in Malawi

- Northern region coverage (%)
- Central region coverage (%)
- Southern region coverage (%)
**Timeline and dissemination**

**Figure 2**

**PROPOSED TIMELINE FOR MALAWI CASE STUDY**

<table>
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<th>Key Events</th>
<th>Case Study Phases</th>
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<td>MICS Survey</td>
<td>Phase 1: Prepare</td>
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<td>RMNCH Evaluation</td>
<td>Phase 2: Conduct</td>
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<td>Stakeholders’ Meeting</td>
<td>Phase 3: Finalize and disseminate</td>
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- **2013**
  - September
  - October
  - November
  - December

- **2014**
  - January
  - February
  - March
  - April
  - May
  - June

**Country Countdown**
Zikomo
Obrigado