Countdown to 2015:
What Afghanistan wants to achieve

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UNICEF ACO and Member Secretary
Afghanistan Count Down Working Group (ACDWG)

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Part I

Countdown to 2015:
Background

2003 - 13
Afghanistan Countdown
country profile
Main findings
** DEMOGRAPHICS **

- Total population (2006): 33,412
- Total under-five population (2006): 9,348
- Births (2006): 1,885
- Birth registration (%): 6
- Total under-five deaths (2006): 32
- Neonatal deaths (% of all under-5 deaths): 70
- Neonatal mortality rate (per 1,000 live births): 32
- Stillbirth rate (per 1,000 total births): 20
- Total maternal deaths: 6,400
- Maternal mortality ratio (per 100,000 live births): 32
- Total facility births (per woman): 6,320
- Adolescent birth rate (per 1,000 women): 151

** MATERIEL AND NEWBORN HEALTH **

- Skilled attendant at delivery: 34%
- Immunization: 62%
- Pneumonia treatment: 62%
- Underweight and stunting prevalence: 9%
- Exclusive breastfeeding: 9%

** CHILD HEALTH **

- Pneumonia treatment: 62%
- Underweight and stunting prevalence: 9%
- Exclusive breastfeeding: 9%

** WATER AND SANITATION **

- Improved drinking water coverage: 80%
- Improved sanitation coverage: 80%

** POLICIES **

- Maternal postpartum in accordance with Convention IBF: No
- Specific notification of maternal deaths: No
- Midwifery personnel authorized to administer core set of life-saving interventions: Yes
- International Code of Marketing of Breastmilk Substitutes: Yes
- Postnatal home visits in first week of life: -
- Community treatment of pneumonia with antibiotics: Yes
- Low cost drugs and supplies for management of diarrhea: Yes
- Rotavirus vaccine: -
- Pneumococcal vaccine: -

** SYSTEMS AND FINANCING **

- Health care systems and inputs: -
- No costs national implementation plan for maternal, newborn and child health available: -
- Data on density of doctors, nurses and midwives: -
- National availability of emergency obstetric care services ( حوادث حادة: -
- Per capita total expenditure on health (USD): -
- General government expenditure on health (% of total government expenditure): -
- Out of pocket expenditure as % of total expenditure on health (%): -
- Official development assistance to child health per child: -
- Official development assistance to maternal and newborn health per live birth: -
Range of data on the profile

• Progress in coverage for critical interventions across reproductive, maternal, newborn & child health continuum of care

• Health Systems and Policies – important context for assessing coverage gains

• Financial flows to reproductive, maternal, newborn and child health

• Equity in intervention coverage
## Demographics

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total population (000)</td>
<td>31,412</td>
<td>2010</td>
</tr>
<tr>
<td>Total under-five population (000)</td>
<td>5,546</td>
<td>2010</td>
</tr>
<tr>
<td>Births (000)</td>
<td>1,385</td>
<td>2010</td>
</tr>
<tr>
<td>Birth registration (%)</td>
<td>6</td>
<td>2003</td>
</tr>
<tr>
<td>Total under-five deaths (000)</td>
<td>191</td>
<td>2010</td>
</tr>
<tr>
<td>Neonatal deaths: % of all under-5 deaths</td>
<td>32</td>
<td>2010</td>
</tr>
<tr>
<td>Neonatal mortality rate (per 1000 live births)</td>
<td>45</td>
<td>2010</td>
</tr>
<tr>
<td>Infant mortality rate (per 1000 live births)</td>
<td>103</td>
<td>2010</td>
</tr>
<tr>
<td>Stillbirth rate (per 1000 total births)</td>
<td>29</td>
<td>2009</td>
</tr>
<tr>
<td>Total maternal deaths</td>
<td>6,400</td>
<td>2010</td>
</tr>
<tr>
<td>Lifetime risk of maternal death (1 in N)</td>
<td>32</td>
<td>2010</td>
</tr>
<tr>
<td>Total fertility rate (per woman)</td>
<td>6.3</td>
<td>2010</td>
</tr>
<tr>
<td>Adolescent birth rate (per 1000 women)</td>
<td>151</td>
<td>2001</td>
</tr>
</tbody>
</table>
Variable coverage along the continuum of care

- Antenatal care (4+ visits): 16%
- Skilled attendant at delivery: 34%
- Postnatal care: Not Sure why Missing?
- Exclusive breastfeeding: 62%

Source: DHS, MICS, Other NS

* See Annex/website for indicator definition

ANC, PNC *, SBA, TT vaccine, FP

47.9, 28.1, 38.6, 40.8, 19.5

Pre-pregnancy
Pregnancy
Birth
Neonatal period
Maternal and newborn health

**Skilled attendant at delivery**

Percent live births attended by skilled health personnel

<table>
<thead>
<tr>
<th>Year</th>
<th>Skilled Attendant at Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 MICS</td>
<td>12</td>
</tr>
<tr>
<td>2003 MICS</td>
<td>14</td>
</tr>
<tr>
<td>2008 Other NS</td>
<td>24</td>
</tr>
<tr>
<td>2010 DHS</td>
<td>34</td>
</tr>
</tbody>
</table>

It Should be MICS?
Maternal and newborn health

Antenatal care
Percent of women aged 15-49 years attended at least once by a skilled health provider during pregnancy

<table>
<thead>
<tr>
<th>Year</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 MICS</td>
<td>37</td>
</tr>
<tr>
<td>2003 MICS</td>
<td>16</td>
</tr>
<tr>
<td>2008 Other NS</td>
<td>36</td>
</tr>
<tr>
<td>2010 DHS</td>
<td>63</td>
</tr>
</tbody>
</table>

It Should be MICS?
### Other maternal and newborn health indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value and Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demand for family planning satisfied (%)</td>
<td>-</td>
</tr>
<tr>
<td>Antenatal care (4 or more visits, %)</td>
<td>16 (2010)</td>
</tr>
<tr>
<td>Malaria during pregnancy - intermittent preventive treatment (%)</td>
<td>NA*</td>
</tr>
<tr>
<td>C-section rate (total, urban, rural; %)</td>
<td>5, 6, 4 (2010)</td>
</tr>
<tr>
<td>(Minimum target is 5% and maximum target is 15%)</td>
<td></td>
</tr>
<tr>
<td>Neonatal tetanus vaccine (%)</td>
<td>79 (2010)</td>
</tr>
<tr>
<td>Postnatal visit for baby (within 2 days for all births, %)</td>
<td>-</td>
</tr>
<tr>
<td>Postnatal visit for mother (within 2 days for all births, %)</td>
<td>-</td>
</tr>
<tr>
<td>Women with low body mass index (&lt;18.5 kg/m², %)</td>
<td>-</td>
</tr>
</tbody>
</table>

*Not Applicable*
Child health

Immunization

- Percent of children immunized against measles
- Percent of children immunized with 3 doses DTP
- Percent of children immunized with 3 doses Hib

Source: WHO/UNICEF
## Pneumonia treatment
- Percent children <5 years with suspected pneumonia taken to appropriate health provider
- Percent children <5 years with suspected pneumonia receiving antibiotics

| No Data |
Diarrhoeal disease treatment

- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS

<table>
<thead>
<tr>
<th>Year</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>45</td>
</tr>
<tr>
<td>2003</td>
<td>30</td>
</tr>
</tbody>
</table>
Child health

Underweight and stunting prevalence

- Percent children <5 years who are underweight
- Percent children <5 years who are stunted

![Bar chart](chart.png)

SMART Surveys?
NNS 2013!!

Note: Based on 2006 WHO reference population
# Child health

## Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

<table>
<thead>
<tr>
<th>No Data</th>
</tr>
</thead>
</table>

WE HAVE THE DATA NOW
IYCF and micronutrient indicators
Water and sanitation

Improved drinking water coverage
Percent of population by type of drinking water source, 2010*

<table>
<thead>
<tr>
<th></th>
<th>Piped on premises</th>
<th>Other improved</th>
<th>Unimproved</th>
<th>Surface water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban 2010</td>
<td>16</td>
<td>62</td>
<td>46</td>
<td>4</td>
</tr>
<tr>
<td>Rural 2010</td>
<td>0</td>
<td>42</td>
<td>42,9</td>
<td>12,2</td>
</tr>
</tbody>
</table>


*Insufficient data for generating a trend graph.
MNCH policies

- **NO** - Maternity protection in accordance with Convention 183
- **NO** - Specific notifications of maternal deaths
- **YES** - Midwifery personnel authorized to administer core set of life saving interventions
- **YES** - International Code of Marketing of Breast-milk Substitutes
- **YES** - Community treatment of pneumonia with antibiotics
- **YES** - Low osmolarity ORS and zinc for diarrhoea management
- ***** - Postnatal home visits in first week of life
- ***** - Rotavirus vaccine
- ***** - Pneumococcal vaccine

* Policy information not available
• Costed (?? Budgeted) national implementation plans for MNCH: Yes (Do we agree?)
• Density of doctors, nurses and midwives (per 10,000 population: 7.1 (2009)
• National availability of EmOC services: -- (% of recommended minimum)
• Per capita total expenditure on health (Int$): $44 (2010)
• Government spending on health: 2% (2010) (as % of total govt spending)
• Out-of-pocket spending on health: 83% (2010) (as % of total health spending)
• Official development assistance to child health per child (US$): $28 (2009)
• Official development assistance to maternal and newborn health per live birth (US$): $63 (2009)
<table>
<thead>
<tr>
<th>Socioeconomic inequities in coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Household wealth quintile: ● Poorest 20% ○ Richest 20%</td>
</tr>
<tr>
<td>Demand for family planning satisfied</td>
</tr>
<tr>
<td>Antenatal care 1+ visit</td>
</tr>
<tr>
<td>Antenatal care 4+ visits</td>
</tr>
<tr>
<td>Skilled birth attendant</td>
</tr>
<tr>
<td>Early initiation of breastfeeding</td>
</tr>
<tr>
<td>ITN use among children &lt;5 yrs</td>
</tr>
<tr>
<td>DTP3</td>
</tr>
<tr>
<td>Measles</td>
</tr>
<tr>
<td>Vitamin A (past 6 months)</td>
</tr>
<tr>
<td>ORT &amp; continued feeding</td>
</tr>
<tr>
<td>Careseeking for pneumonia</td>
</tr>
</tbody>
</table>

- There is no equity information available for Afghanistan.

**Not True.....**

**We Have Some Data now..**

Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.
Inequity in Immunization Coverage

Maternal, Newborn & Child Survival

BCG

Measles

Penta 1

Penta 3
Disparities in other indicators

Modern method of family planning

ANC Care by any skilled personal

Delivery by Any skilled personal

Under-five mortality
EPI Coverage Estimates from Routine NRV, MICS

Maternal, Newborn & Child Survival

Routine 2011  AHS 2006  NRV 2007/08  MICS 2010/11

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Routine 2011</th>
<th>AHS 2006</th>
<th>NRV 2007/08</th>
<th>MICS 2010/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCG</td>
<td>70</td>
<td>64</td>
<td>74</td>
<td>60</td>
</tr>
<tr>
<td>OPV1</td>
<td>71</td>
<td>60</td>
<td>58</td>
<td>70</td>
</tr>
<tr>
<td>Penta 1</td>
<td>60</td>
<td>58</td>
<td>71</td>
<td>70</td>
</tr>
<tr>
<td>OPV3</td>
<td>70</td>
<td>48</td>
<td>71</td>
<td>48</td>
</tr>
<tr>
<td>Penta3</td>
<td>70</td>
<td>43</td>
<td>40</td>
<td>48</td>
</tr>
<tr>
<td>Measles</td>
<td>63</td>
<td>56</td>
<td>56</td>
<td>63</td>
</tr>
<tr>
<td>Fully immunized</td>
<td>27</td>
<td>30</td>
<td>30</td>
<td>27</td>
</tr>
</tbody>
</table>
Trends in Antenatal Care from a Medically Skilled Provider

Percent of last live births

<table>
<thead>
<tr>
<th>Year</th>
<th>Urban</th>
<th>Rural</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICS 2003</td>
<td>38</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>AHS 2006</td>
<td>30</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>NRVA 2007/8</td>
<td>71</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMS 2010</td>
<td>85</td>
<td>54</td>
<td>60</td>
</tr>
</tbody>
</table>
Nature of Collaboration

**National Working Group** Led by MoPH

- Central Statistical Organization (CSO),
- Afghanistan National Public Health Institute (ANPHI),
- Dept. of HFD and Policy Planning (MoPH)

In collaboration with

- Global Count Down Group and AKU (Co-chaired by Prof. Z A Bhutta/Mickey Chopra) with support from JHSPH, CHERG, Imperial College London, UNU

**Secretariat** - PPDM Office / UNICEF ACO
Major Events and Process

- **Activity 1**: Coordinate the convening of a Child Survival Countdown Working Group (CSCDWG) to bring together key stakeholders (CSO, ANPHI & MoPH, UN agencies)

- **Activity 2**: Undertake an in-depth review of national and regional/provincial commitments to improve reproductive, maternal, newborn, and child health and nutrition activities in Afghanistan and trends over the last decade

- **Activity 3**: Produce a detailed, customized Afghanistan Country Profile and detailed situation analysis at sub-national level, using data from the national surveys

- **Activity 4**: Share the preliminary findings from Data Analysis from the data sets and get endorsement of the working group and consult with wider group to understand how and why things happened or do not happen.

- **Activity 5**: Garner resources and support for a high level national Countdown meeting in fall 2013 with full participation from provincial governments, national academia, civic society organizations, multilateral and bilateral agencies and political parties
Composition of National Working Group

- **Dr. Ahmed Jaan Nayeem**, PPDM, MoPH- (Chairman)
- Mr. Ghaffoori, President General, CSO
- Dr. Abdul Qadeer, DG Policy Planning, MoPH
- Dr. Noormal, DG ANPHI, MoPH
- Dr. Mashal Mohammed Taufiq, DG PM, MoPH
- Dr. Ahmed Salehi, Director HeFD, MoPH
- Dr. Sadia F Ayubi, Director Reproductive Health
- Dr. Sarwar Hemati, Director, GCMU
- Representatives from Professional Bodies (Paeds Society / Gyn/Obs Soc)
- Representatives from Civil Society / NGOs (Save the Children)
- UN Representative, (UNICEF / WHO / UNFPA)
- Donor Representatives (USAID/ DFID/ CIDA/ EU/ WB)
- Dr. SM Moazzem Hossain, Chief of Health & Nutrition, UNICEF ACO (Member Secretary)
- **Prof. Zulfiqar Bhutta**, AKU and Co-Chair, Global Count Down Group)
Data Sources that will be considered:

- MICS data from 2000, 2003 and 2010,
- NRVA data from 2007/8, 2012
- National Nutrition Survey 2004 & 2013 (planned),
- Afghan Mortality Survey 2010,
- Afghan Health Survey done in 2006, 2010
- Reproductive Age Mortality Survey done in 2006 and 2012,
- SMART surveys done in 2011 & 12,
- EPI CES 2013 (Planned)
- Nutrition Surveys (SMART) in Emergency Situation
- HMIS data (as back date possible)
Time Line

• Initiation of work and planning: February – March 2013

• Obtain the data sets: April – May 2013

• Establish trends and determinants analysis: May – July 2013

• National and Regional Consultations: July - Aug 2013

• Drafting Report / Finalizing and Printing: Sept – Oct 2013

• Planned National Countdown Meeting: Nov 2013 /Feb 2014
Thank you!