



# *Countdown to 2015*

*Maternal, Newborn & Child Survival*



## ***Building a Future for Women and Children***

***The 2012 Report***

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## ***Building a Future for Women and Children***

### ***The 2012 Report***



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## Building a future for women and children

In the five minutes it takes to read this page, 3 women will lose their lives to complications of pregnancy or childbirth, 60 others will suffer debilitating injuries and infection due to the same causes, and 70 children will die, nearly 30 of them newborn babies. Countless other babies will be stillborn or suffer potentially long-term consequences of being born prematurely. The vast majority of these deaths and disabilities are preventable.

During these same five minutes, however, countless lives will be saved. A baby, fed only breastmilk for her first six months of life, will avoid diarrhoeal disease. Another will survive pneumonia because he received appropriate antibiotics. A child will avoid malaria because she sleeps under an insecticide-treated net. Another, exposed to measles, will not succumb to disease because he has been vaccinated. An adolescent, not yet physically, emotionally or financially ready to have a child, will receive family planning services, including counselling to prevent unintended pregnancy; a new mother will choose to delay her next pregnancy until a safer time. A pregnant, HIV-positive woman will receive treatment that protects her health and that of her baby. An expectant mother, at a routine antenatal care visit, will receive treatment for the high blood pressure that can threaten her life; another will give birth at a health facility where skilled birth attendants save her life when she experiences postpartum bleeding; yet another will receive antenatal corticosteroids to develop her baby's lungs to ensure a better chance of survival. And a newborn and her mother will receive lifesaving treatment for infection within the first week after birth.

The countdown to the 2015 Millennium Development Goal deadline is a race against time, a race to add to the list of lives saved and subtract from the tally of maternal, newborn and child deaths. Each life saved creates infinite possibilities—for a healthy, productive individual; for a stable, thriving family; for a stronger community and nation; for a better world. And

interventions that improve maternal, newborn and child health and nutrition contribute to a future generation of healthier, smarter and more productive adults.

This report highlights country progress—and obstacles to progress—towards achieving Millennium Development Goals 4 and 5 to reduce child mortality and improve maternal health (box 1). *Countdown to 2015* focuses on evidence-based solutions—health interventions proven to save lives—and on the health systems, policies, financing and broader contextual factors that affect the equitable delivery of these interventions to women and children. *Countdown* focuses on data, because building a better future and protecting the basic human right to life require understanding where things stand right now and how they got to where they are today. And *Countdown* focuses on what happens in countries—where investments are made or not made, policies are implemented or not implemented, health services are received or not received and women and children live or die.

### BOX 1

#### News in the 2012 report

- Status report on mortality and nutrition.
- Evidence on the scale of preterm birth and stillbirths.
- Changes in coverage of interventions.
- Detailed equity analysis.
- A focus on the determinants of coverage.
  - Policy, financial and systems inputs needed for progress.
  - Population growth and political conflict as key challenges.
- Milestones—what does success look like?
- How to read and use the country profiles.
- *Countdown* moving forward to 2015.
  - Quality of care.
  - Country-level engagement.



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# Countdown headlines for 2012: saving the lives of the world's women, newborns and children



## *Maternal and child survival: progress, but not enough . . .*

- Maternal mortality has declined dramatically, but faster progress is needed.
  - Maternal deaths have dropped from 543,000 a year in 1990 to 287,000 in 2010.
  - Only 9 *Countdown* countries are on track to achieve Millennium Development Goal 5; 25 have made insufficient or no progress.
  - Maternal mortality is concentrated in Sub-Saharan African and South Asian countries: an African woman's lifetime risk of dying from pregnancy-related causes is 100 times higher than that of a woman in a developed country.
- Child mortality is down sharply, but more needs to be done.
  - Deaths among children under age 5 worldwide have declined from 12 million a year in 1990 to 7.6 million in 2010.
  - Only 23 *Countdown* countries are on track to achieve Millennium Development Goal 4; 13 have made little or no progress.
  - Despite recent improvements, pneumonia and diarrhoea still cause more than two million deaths a year that could be avoided by available preventive measures and prompt treatment.
- Newborn survival is improving too slowly, and stillbirths, especially intrapartum stillbirths, and preterm births need urgent attention.
  - 40% of child deaths occur during the first month of life.

- More than 10% of babies are born preterm, a figure that is rising, and complications due to preterm birth are the leading cause of newborn deaths and the second leading cause of child deaths.
- *Countdown* countries that have successfully reduced neonatal mortality—such as Bangladesh, Nepal and Rwanda—offer models for improving newborn survival.
- Most *Countdown* countries face a severe nutrition crisis.
  - Undernutrition contributes to more than a third of child deaths and to at least a fifth of maternal deaths.
  - In the majority of *Countdown* countries, more than a third of children are stunted; stunting is most common among poor children.

## *Coverage: gains, gaps, inequities, challenges*

- Bangladesh, Cambodia, Ethiopia and Rwanda, countries that have rapidly increased coverage for multiple interventions across the continuum of care, offer lessons for countries with slower or more uneven progress.
- High coverage levels for vaccines (over 80% on average across all *Countdown* countries) and rapid progress in distribution of insecticide-treated nets show what is possible with high levels of political commitment and financial resources.
- Progress is much slower, and inequities in coverage much wider, for skilled attendant at birth and other interventions that require a strong health system. New approaches are needed that improve the quality of services, bring services closer to home and expand access to essential care.

- There are wide ranges in coverage across the *Countdown* countries for many interventions. Coverage of demand for family planning satisfied, for example, ranges from 17% in fragile states such as Sierra Leone to 93% in Vietnam and Brazil and 97% in China. Countries with high coverage of specific interventions show what can be achieved with the right policies, adequate investments, appropriate implementation strategies and strong demand.
- To increase coverage, the volume of services provided must grow at a faster pace than the population. Nigeria, for example, has seen the number of births grow from 4.3 million in 1990 to 6.1 million in 2008, with 7 million projected in 2015. Although the country has doubled the number of births attended by a skilled health care provider since 1990, coverage has increased only 8%.
- The Millennium Development Goal 7 target for access to an improved drinking water source has been achieved globally and in 23 *Countdown* countries; progress in access to an improved sanitation facility is lagging. For both interventions the need is most pronounced in rural areas.
- Poor people have less access to health services than richer people, and geographic and urban-rural inequities also exist in many countries, highlighting the importance of digging deeper into subnational data to support effective planning and resource allocation according to need.

*Context matters: supportive policies, adequate financing, sufficient human resources and peace*

- Countries such as Ghana, Malawi, Lao People's Democratic Republic and Tanzania have achieved results through innovative human resources policies such as task shifting. Other countries need to follow this lead.
- Official development assistance for maternal, newborn and child health in *Countdown* countries has increased steadily over the past decade, accounting for around 40% of official development assistance for health that *Countdown* countries received in 2009, but the rate of increase appears to be slowing.
- Though domestic health funding is essential, 40 *Countdown* countries devote less than 10% of government spending to health.
- In most countries a severe disease episode or a major pregnancy or childbirth complication can push families into financial catastrophe: in all but 5 *Countdown* countries out-of-pocket payments for health services account for 15% or more of health expenditure.
- 53 *Countdown* countries continue to experience a severe shortage of health workers.
- Countries with high-intensity conflicts have lower coverage and higher inequity and mortality.
- Providing broader access to education, expanding opportunities for girls and women, reducing poverty and improving living conditions, and respecting human rights, including eliminating violence against women, can improve health and reduce mortality.

*Making good on commitments*

Countries and their partners have pledged to work together to meet Millennium Development Goals 4 and 5. There is still time. *Countdown* data show that by transforming commitment into action, rapid progress is possible. To build a better future for women and children, we all must keep our promises. Millions of women's and children's lives depend on it.

Countries must continue to:

- Implement costed national health plans that emphasize service integration and include programmes for reproductive, maternal, newborn and child health.
- Strengthen health information systems, including vital registration systems and national health accounts, so that timely, accurate data can inform policies and programmes.
- Increase domestic funding allocations for and expenditures on health.
- Build the numbers, motivation and skill mix of the health workforce.
- Analyse subnational data to identify gaps and inequities and to monitor and evaluate programmes and policies.
- Develop strategies to rapidly address nutrition shortfalls and increase coverage of essential



health interventions across the full continuum of care, especially for the poor.

All stakeholders must continue to:

- Advocate for sufficient funding for reproductive, maternal, newborn and child health.
- Undertake research to develop the evidence on effective interventions and innovative strategies for service delivery.

- Support country efforts to implement innovative strategies that increase access to timely, equitable and high-quality care.

Together we can:

- Demand accountability and act accountably.
- Build a better future for millions of women and children.







# Countdown to 2015: tracking progress, fostering accountability



*Countdown to 2015* is a global movement to track, stimulate and support country progress towards achieving the health-related Millennium Development Goals, particularly goals 4 (reduce child mortality) and 5 (improve maternal health; box 2). Since 2005 *Countdown* has produced periodic reports and country profiles on key aspects of reproductive, maternal, newborn and child health, achieving global impact with its focus on accountability and use of available data to hold stakeholders to account for global and national action.

## *Countdown to 2015:*

- Focuses on coverage levels and trends of interventions proven to improve reproductive, maternal, newborn and child health as well as critical determinants of coverage: health systems functionality, health policies and financing.
- Examines equity in coverage across different population groups within and across *Countdown* countries.
- Uses these data to hold countries and their international partners accountable for progress in reproductive, maternal, newborn and child health (box 3).
- Supports country-level countdowns to promote evidence-based accountability (see concluding section for a description of country-level *Countdown* activities).

*Countdown* includes academics, governments, international agencies, professional associations, donors and nongovernmental organizations, with *The Lancet* as a key partner.

## *Countdown focuses on countries*

*Countdown* tracks progress in the 75 countries where more than 95% of all maternal and

child deaths occur (map 1) and produces country profiles and reports to be used by all stakeholders—internationally and at the country level—to advocate for action on reproductive, maternal, newborn, and child health.

The number of *Countdown* countries has increased, reflecting an evolution from a child survival initiative to a movement supportive of the continuum of care and responsive to the global accountability agenda. *Countdown* countries are selected primarily based on burden of maternal, newborn and child mortality, taking into consideration both numbers and rates of death. Details on the country selection process for this and previous *Countdown* cycles are available at [www.countdown2015mnch.org](http://www.countdown2015mnch.org).

## *Countdown is more than tracking coverage of interventions!*

*Countdown* gathers and synthesizes data on coverage of lifesaving interventions across the continuum of care from pre-pregnancy and childbirth through childhood up to age 5, highlighting progress and missed opportunities. Coverage is defined as the proportion of individuals needing a health service or intervention who actually receive it. *Countdown* also tracks key determinants of coverage in countries—equity patterns across population groups, health system functionality and capacity, supportive health policies and financial resources for maternal, newborn and child health.

Figure 1 shows the overarching conceptual framework of *Countdown*, illustrating the links between coverage and its determinants as well as the broader contextual factors that affect maternal, newborn and child survival. *Countdown* is engaging in cross-cutting research to answer questions from countries and their partners in response to previous *Countdown* reports and profiles about the ingredients needed for success in achieving high, sustained and equitable

## Countdown and the accountability agenda

At a September 2010 UN General Assembly summit to assess progress on the Millennium Development Goals, Secretary-General Ban Ki-moon launched the Global Strategy for Women's and Children's Health, an unprecedented plan to save the lives of 16 million women and children by 2015.<sup>1</sup> This was followed by the establishment of the Commission on Information and Accountability for Women's and Children's Health, which was charged with developing an accountability framework to monitor and track commitments made to the Global Strategy. In May 2011 the Commission released *Keeping Promises, Measuring Results*,<sup>2</sup> which drew on advice from *Countdown* members and other technical experts to identify a set of core indicators<sup>3</sup> that enable stakeholders to track progress in improving coverage of interventions across the continuum of care and resources for women's and children's health. The report urged that all coverage data be disaggregated by key equity considerations. In September 2011 the UN Secretary-General appointed the independent Expert Review Group to report annually on progress in implementing the Commission's recommendations on reporting, oversight and accountability in the 75 priority countries.

*Countdown to 2015* has contributed significantly to this accountability framework. In November 2011 *Countdown* collaborated with the Health Metrics Network in developing *Monitoring Maternal, Newborn and Child Health: Understanding Key Progress Indicators*,<sup>4</sup> which summarizes the key opportunities for and challenges to effective monitoring of the core indicators identified by the Commission. In March 2012 *Countdown* published *Accountability for Maternal, Newborn and Child Survival: An Update of Progress in Priority Countries*,<sup>5</sup> which featured country profiles customized to showcase the commission indicators. That publication was launched at the 126th Assembly of the Inter-Parliamentary Union,

in Kampala, Uganda, where a historic resolution on the role of parliaments in addressing key challenges to securing the health of women and children was unanimously adopted.<sup>6</sup> *Countdown* partners have also collaborated with a wide range of other global health initiatives—including the International Health Partnership,<sup>7</sup> the GAVI Alliance<sup>8</sup> and the Global Fund to Fight AIDS, Tuberculosis and Malaria, among others—on developing a common, harmonized conceptual framework<sup>9</sup> for monitoring and evaluating results.

*Countdown* is committed to deepening its engagement in the accountability agenda through:

- *Countdown* profiles focused on the Commission indicators, updated annually with new data and results.
- Special analyses to address accountability questions and inform the independent Expert Review Group.
- Country-level *Countdown* processes that include national consultations, workshops or publications and use *Countdown* data and methodological approaches (see concluding section).

### Notes

1. See [www.everywomaneverychild.org](http://www.everywomaneverychild.org) for up-to-date information on commitments to the Global Strategy.
2. Commission on Information and Accountability for Women's and Children's Health 2011.
3. The core Commission indicators for results are a subset of the *Countdown* indicators and are included in the country profiles; see annexes A and B for definitions.
4. *Countdown to 2015*, Health Metrics Network, UNICEF and WHO 2011.
5. *Countdown to 2015* 2012.
6. IPU 2012.
7. Boerma and others 2010.
8. GAVI Alliance 2010.
9. Bryce and others 2011.

intervention coverage. This research aims to expand the evidence base on effective delivery strategies for increasing coverage that take into consideration critical health policy and systems, political, economic, financial, environmental and social factors. Recognizing that effective coverage depends on service quality, *Countdown* is expanding efforts to examine barriers and facilitating factors to improving the quality of care.

Equity in coverage, a central component of the *Countdown* conceptual framework, is highlighted throughout this report. The Commission on Accountability for Women's and Children's Health's *Keeping Promises, Measuring Results*,<sup>1</sup> emphasizes disaggregating all coverage data by key equity considerations to assess progress. National-level aggregate statistics often hide important within-country inequities that countries must address to achieve the health



**BOX 3****Countdown addresses multiple Millennium Development Goals**

- Millennium Development Goal 4 to reduce child mortality.
- Millennium Development Goal 5 to improve maternal health.
- Millennium Development Goal 1 to eradicate extreme poverty and hunger, specifically by addressing nutrition with a focus on infant and young child feeding.
- Millennium Development Goal 6 to combat HIV/AIDS, malaria and other diseases.
- Millennium Development Goal 7 to ensure environmental sustainability, through tracking access to an improved water source and an improved sanitation facility.
- See [www.un.org/millenniumgoals/](http://www.un.org/millenniumgoals/) for more information on the Millennium Development Goals.

Millennium Development Goals and universal coverage.

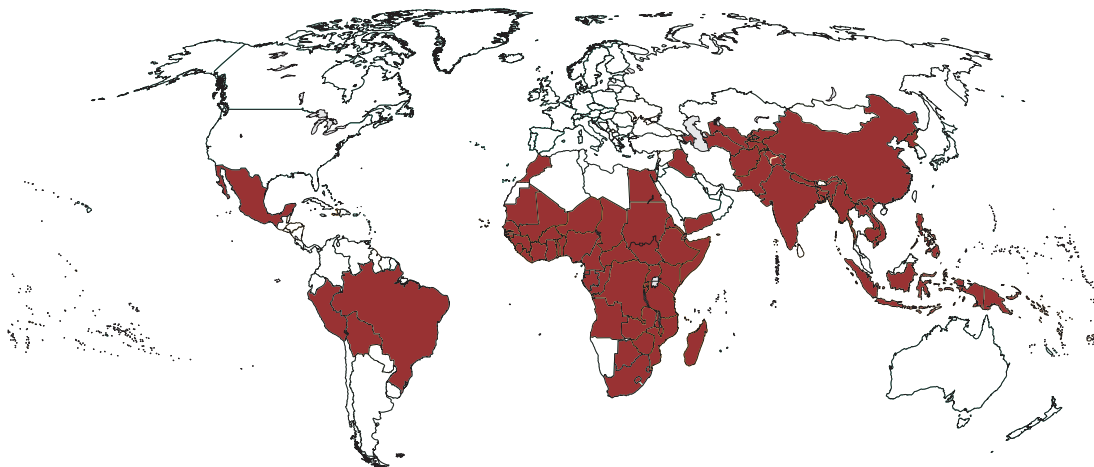
*Countdown* reviews, analyses and compiles statistics on reproductive, maternal, newborn and child health by child gender, household wealth quintile, maternal education, urban-rural residence and region of the country and produces scientific publications with these results.<sup>2</sup> Detailed equity profiles for each country are available at [www.countdown2015mnch.org](http://www.countdown2015mnch.org).

**Countdown data sources and methods**

Building on others' work, *Countdown* aims to make data on coverage levels and trends, equity, health policies and systems, and financial resources for maternal, newborn and child health readily accessible. The data for the coverage indicators, publicly available at [www.childinfo.org](http://www.childinfo.org), come mostly from household surveys (box 4). The two main surveys used to collect nationally representative data for reproductive, maternal, newborn and child health in the *Countdown* countries are U.S. Agency for International Development–supported Demographic and Health Surveys and United Nations Children's Fund (UNICEF)–supported Multiple Indicator Cluster Surveys. These surveys also provide estimates of coverage by household wealth, urban-rural residence, gender, educational attainment and geographic location.

The *Countdown* profiles reflect the estimates available for each country. Missing values and data that are more than five years old indicate an urgent need for concerted action to increase data collection efforts so that timely evidence is available for policy and programme development.

The most important criterion for including an intervention or approach in *Countdown* is internationally accepted (peer-reviewed) evidence demonstrating that it can reduce mortality among mothers, newborns or children under age 5. *Countdown* coverage indicators must also produce results that are nationally representative,

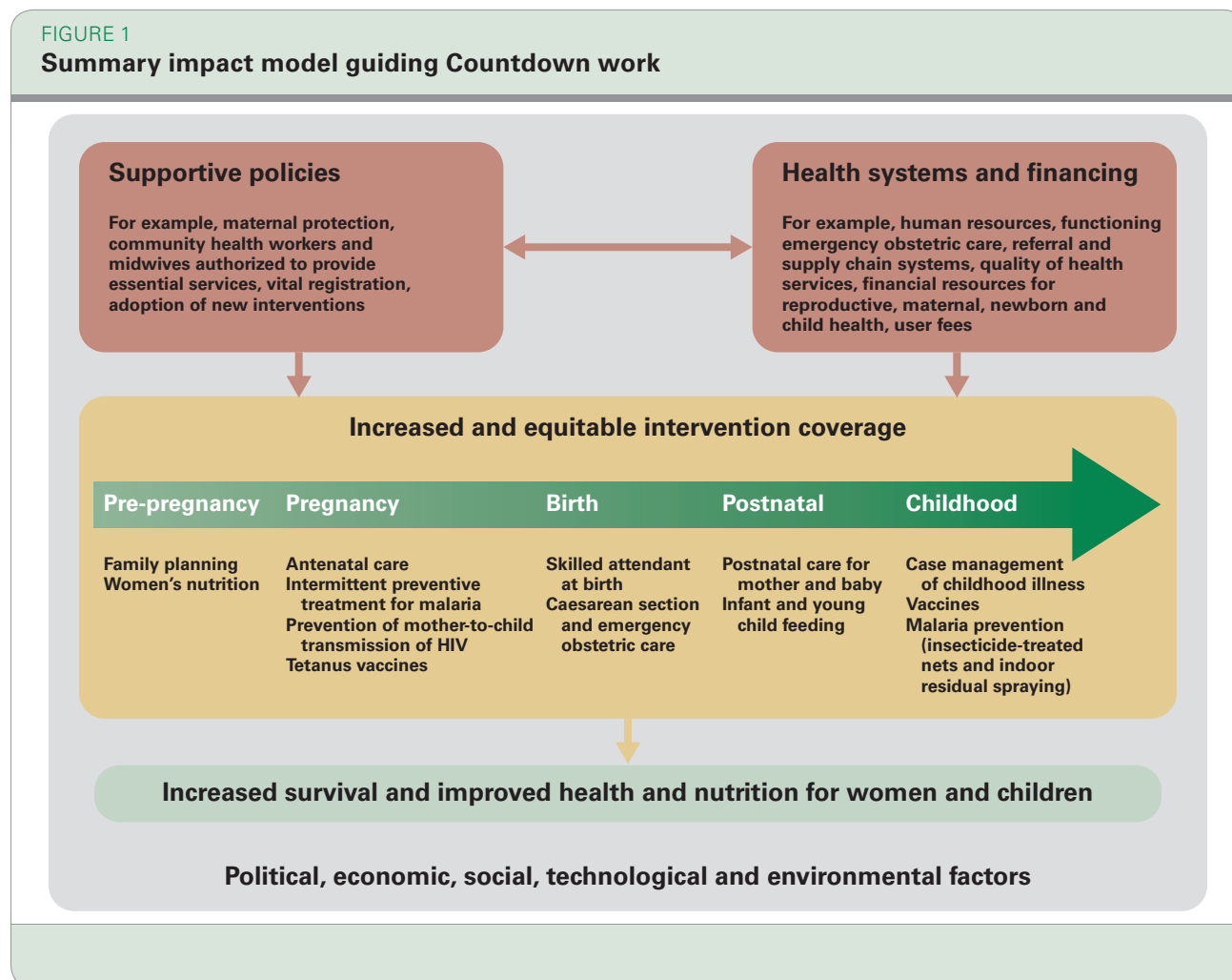
**MAP 1****The 75 Countdown Priority countries**

reliable and comparable across countries and time, clear and easily interpreted by policymakers and programme managers, and available regularly in most *Countdown* countries. The full list of *Countdown* indicators, data sources and methods used to select the indicators, collect the health policy and health systems data, and calculate the equity and financing measures are available at [www.countdown2015mnch.org](http://www.countdown2015mnch.org).

Data quality control is a critical component of *Countdown* technical output. *Countdown* works

closely with UNICEF and many other groups responsible for maintaining global databases and conducts additional quality checks to ensure consistency and reliability. *Countdown's* technical tasks are carried out by working groups in four areas—coverage, equity, health systems and policies, and financing—and by an overarching scientific review group. They work together to ensure data quality and analytic rigour. A detailed description of *Countdown's* organizational structure is available at [www.countdown2015mnch.org](http://www.countdown2015mnch.org).

**FIGURE 1**  
**Summary impact model guiding Countdown work**



BOX 4

**Sources of country-level *Countdown* data**

National health information systems encompass a broad range of data sources essential for planning and for routine monitoring and evaluation, including censuses, household surveys, health facility reporting systems, health facility assessments, vital registration systems, other administrative data systems and surveillance. Concerted efforts are needed to strengthen health information systems across the 75 *Countdown* countries to increase the availability of reliable and timely data (see table).<sup>1</sup>

The preferred source for mortality data is high-quality vital registration with complete reporting of deaths and accurate attribution of cause of death. However, only around a third of *Countdown* countries have birth registration coverage over 75%, and around 14% have death registration coverage over 50%. Since 2000 only 16% of countries have been able to generate cause of death information from a civil registration system for more than 50% of deaths, well below the level required for producing reliable cause of death information. Mortality data in *Countdown* countries are also collected through surveys or censuses. More than half of *Countdown* countries conducted such surveys for child mortality during 2000–06 and 2007–11, but less than a fifth did so for maternal mortality (see table), hampering country ability to assess mortality levels and trends.

Given weak vital registration systems and the lack of other nationally representative sources of mortality data, mortality levels in most *Countdown* countries are derived from model-based estimates that use data from several sources, including vital registration, household surveys, censuses, and other studies. Country-specific estimates of neonatal and under-five mortality are produced by the United Nations Inter-agency Group for Child Mortality Estimation.<sup>2</sup> Country-specific causes of neonatal and child death profiles are from national estimates calculated by the Child Health Epidemiology Reference Group with the World Health Organization (WHO). Maternal mortality ratios are from the Maternal Mortality Estimation Inter-agency Group.<sup>3</sup> Global and regional cause of maternal death profiles are produced through a WHO systematic review process.

Intervention coverage responds more quickly to programmatic changes than does mortality and should be measured more frequently to promote evidence-based decisionmaking. Only 29 *Countdown* countries

(39%) conducted a household survey during 2009–11, and 21 of them (28%) had also conducted a previous survey during 2006–08. Facility reports can provide estimates for some coverage indicators, but data quality is often a problem in *Countdown* countries, and these estimates are not nationally representative.

**Data availability in *Countdown* countries**

Topic	Period	Number of countries	Share of <i>Countdown</i> countries (%)
<i>Coverage of civil registration</i>			
Births (more than 75%)	2005–10	23	31
Deaths (more than 50%)	2005–10	10	14
Cause-of-death (more than 50%)	2000–10	12	16
<i>Data collection (at least one in period)</i>			
Child mortality	2007–11	43	58
	And during 2000–06	41	55
Maternal mortality	2007–11	12	16
	And during 2000–06	8	11
Reproductive, maternal, newborn and child health intervention coverage	2009–11	29	39
	And during 2006–08	21	28

Accurate, timely and consistent data are crucial for countries to effectively manage their health systems, allocate resources according to need and ensure accountability for delivering on commitments to women, newborns and children. Enhancing country capacity to monitor and evaluate results is a core *Countdown* principle and central to the accountability agenda. Achieving this goal requires a long-term approach with short-term milestones. Recommended actions include<sup>4</sup>:

- Developing a harmonized programme of household health surveys.
- Investing in vital registration systems and routine information systems.
- Evaluating information and communication technologies to improve data collection.
- Building country capacity to monitor, review and act on available data.

Country-level countdown processes can contribute to building this capacity (see concluding section).

**Notes**

1. Health Metrics Network and WHO 2011.
2. UNICEF, WHO, World Bank, UNDESA 2011.
3. UNICEF, WHO, World Bank, UNDESA 2012.
4. Countdown to 2015, Health Metrics Network, UNICEF, WHO 2011.

# The *Countdown* country profile: a tool for action



*Countdown* country profiles present in one place the best and latest evidence to assess country progress in improving reproductive, maternal, newborn and child health (figure 2). The two-page profiles in this report are updated every two years with new data and analyses. *Countdown* has also committed to annually updating the core indicators selected by the Commission on Information and Accountability for Women's and Children's Health.

## *Reviewing the information*

The first step in using the country profiles is to explore the range of data presented: demographics, mortality, coverage of evidence-based interventions, nutritional status and socioeconomic equity in coverage. Key questions in reviewing the data include:

- Are trends in mortality and nutritional status moving in the right direction? Is the country on track to achieve the health Millennium Development Goals?
- How high is coverage for each intervention? Are trends moving in the right direction towards universal coverage? Are there gaps in coverage for specific interventions?
- How equitable is coverage? Are certain interventions particularly inaccessible for the poorest segment of the population?

## *Identifying areas to accelerate progress*

The second step in using the country profiles is to identify opportunities to address coverage gaps and accelerate progress in improving coverage and health outcomes across the continuum of care. Questions to ask include:

- Are the coverage data consistent with the epidemiological situation? For example:

- If pneumonia deaths are high, are policies in place to support community case management of pneumonia? Are coverage levels low for careseeking and antibiotic treatment for pneumonia, and what can be done to reach universal coverage? Are the rates of deaths due to diarrhoea consistent with the coverage levels and trends of improved water sources and sanitation facilities?
- In priority countries for eliminating mother-to-child transmission of HIV, are sufficient resources being targeted to preventing mother-to-child transmission?
- Does lagging progress on reducing maternal mortality or high newborn mortality reflect low coverage of family planning, antenatal care, skilled attendance at birth and postnatal care?
- Do any patterns in the coverage data suggest clear action steps? For example, coverage for interventions involving treatment of an acute need (such as treatment of childhood diseases and childbirth services) is often lower than coverage for interventions delivered routinely through outreach or scheduled in advance (such as vaccinations). This gap suggests that health systems need to be strengthened, for example by training and deploying skilled health workers to increase access to care.
- Do the gaps and inequities in coverage along the continuum of care suggest prioritizing specific interventions and increasing funding for reproductive, maternal, newborn and child health? For example, is universal access to labour, delivery and immediate postnatal care being prioritized in countries with gaps in interventions delivered around the time of birth?



**FIGURE 2**  
**Sample country profile**

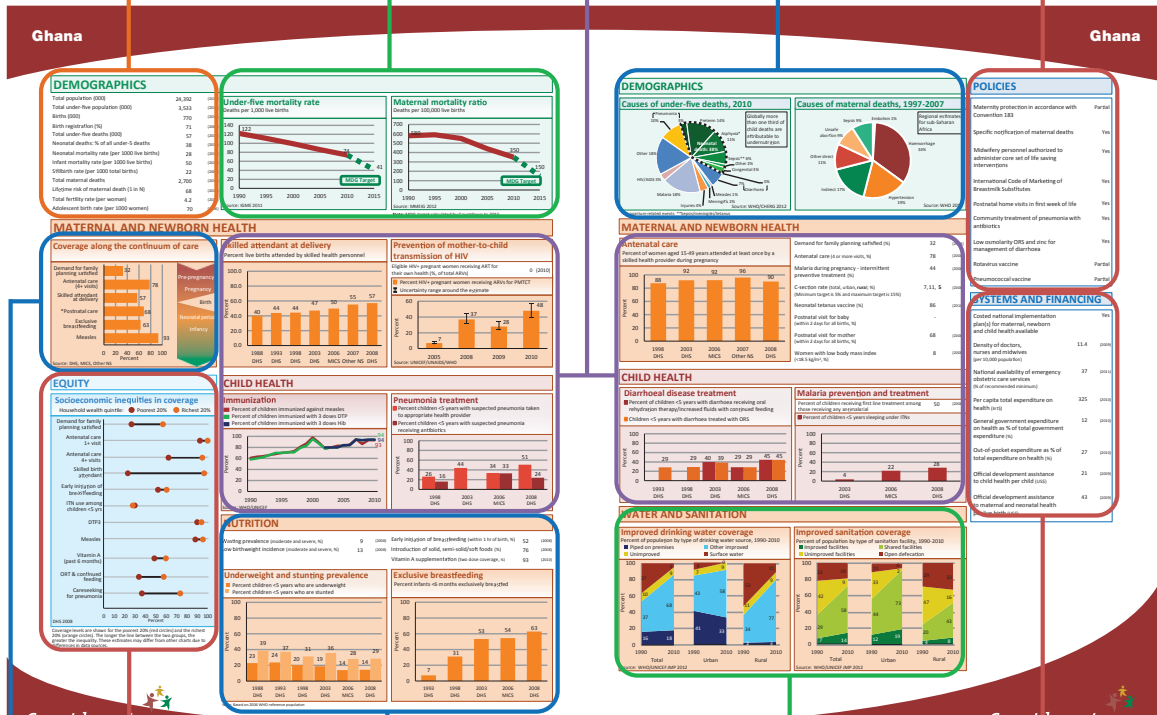
**Intervention coverage**  
These charts show most recent coverage levels and trends for selected reproductive, maternal, newborn and child health interventions.

**Key population characteristics**  
These indicators provide information for understanding country contexts and challenges to scaling up essential interventions.

**Impact: under-five mortality rate and maternal mortality ratio**  
These charts display trends over time, reflecting progress towards reaching the Millennium Development Goal 4 and 5 targets.

**Cause of death**  
Provides information useful for interpreting the coverage measures and identifying programmatic priorities.

**Policies**  
These indicators show progress in country adoption of supportive policies for the introduction and implementation of essential interventions.



Countdown to 2015  
Maternal, Newborn & Child Survival

Building a Future for Women and Children The 2012 Report

Building a Future for Women and Children The 2012 Report

Countdown to 2015  
Maternal, Newborn & Child Survival

**Equity in coverage**  
Socioeconomic inequalities in coverage highlight the need for concerted efforts to improve coverage among the poorest.

**Nutrition**  
Undernutrition contributes to at least a third of all deaths among children under age 5 globally.

**Water and sanitation**  
Water and sanitation from improved sources are essential for reducing transmission of infectious disease.

**Health systems and financing**  
These indicators provide information about health system capacity and available financing needed for scaling up interventions.

**Continuum of care**  
Gaps in coverage along the continuum of care from pre-pregnancy and childbirth through childhood up to age 5 should serve as a call to action for a country to prioritize these interventions.



# Progress towards Millennium Development Goals 4 and 5



Improving maternal, newborn and child survival across *Countdown* countries depends on each country's ability to reach women, newborns and children with effective interventions along the continuum of care. Reproductive, maternal, newborn and child health is inextricably interconnected: improving maternal health and nutrition will reduce newborn and young child deaths. In turn, reducing stunting, improving child health and lowering adolescent and total fertility rates will reduce the risk of a maternal death among the next generation of women.

Under-five mortality is declining! A huge reduction in global deaths among children under age 5 has been achieved, from more than 12 million in 1990 to 7.6 million in 2010, the latest year for which estimates are available.<sup>3</sup> *Countdown* countries account for over 95% of these deaths. The decline has accelerated in the past decade—from 1.9% a year in the 1990s to 2.5% a year over 2000–10—showing that focused goals and attention make a difference. Despite the remarkable progress, much work remains. The majority of the 7.6 million unacceptable child deaths that occur each year could be prevented using effective and affordable interventions. Mortality is not being reduced uniformly, and reductions in neonatal mortality lag behind survival gains among older children. As a result, the share of neonatal deaths in all deaths among children under age 5 has increased from 36% to 40% over the past decade.<sup>4</sup> Faster reductions in neonatal mortality are critical for achieving Millennium Development Goal 4. Lessons can be taken from Bangladesh, Nepal and Rwanda, *Countdown* countries that have reduced their neonatal mortality rate by more than 30% in the last decade.

Modelled estimates of maternal mortality for 2010 based on socioeconomic determinants<sup>5</sup> show a substantial decline in maternal deaths over the last two decades. The number of women who die during pregnancy or childbirth has decreased

nearly 50% globally since 1990—from 543,000 deaths to around 287,000 in 2010.<sup>6</sup> The majority of maternal deaths are concentrated in *Countdown* countries in Sub-Saharan Africa and South Asia, an indication of global disparities in women's access to needed obstetrical care and other services, including family planning and quality antenatal and postnatal care. Data on a woman's lifetime risk of a maternal death accentuate these disparities—for example, a woman in Chad has a 1 in 15 chance of dying from a maternal cause during her life time and a woman from Afghanistan has a 1 in 32 chance, compared with 1 in 3,800 for a woman in a developed country.

The maternal mortality ratio and lifetime risk of a maternal death are important measures of health system functionality. For every woman who dies due to a pregnancy or childbirth complication, approximately 20 others suffer injuries, infection and disabilities. The millions of women experiencing adverse pregnancy outcomes are a critical marker of the world's commitment to improving maternal health and achieving Millennium Development Goal 5.

Table 1 shows country specific progress towards Millennium Development Goals 4 and 5, including estimated under-five mortality rates and maternal mortality ratios for 1990, 2000 and 2010; the average annual rate of reduction for 1990–2010 for the two measures; and a summary assessment of progress. Criteria for judging which countries are on track to achieve Millennium Development Goal 4 were developed by the Inter-agency Reference Group on Child Mortality Estimation and include three categories (on track, insufficient progress and no progress); criteria for judging which countries are on track to achieve Millennium Development Goal 5 were developed by the Maternal Mortality Estimation Inter-agency Group and include four categories (on track, making progress, insufficient progress and no progress). See the footnote to table 1 for more details on these criteria.



TABLE 1

## Country progress towards Millennium Development Goals 4 and 5

Countries and territories	Under-five mortality rate					Maternal mortality ratio, modelled				
	Deaths per 1,000 live births			Average annual rate of reduction (%)	Assessment of progress <sup>a</sup>	Deaths per 100,000 live births			Average annual rate of reduction (%)	Assessment of progress <sup>b</sup>
	1990	2000	2010	1990–2010		1990	2000	2010	1990–2010	
Afghanistan	209	151	149	1.7	Insufficient progress	1,300	1,000	460	5.1	Making progress
Angola	243	200	161	2.1	Insufficient progress	1,200	890	450	4.7	Making progress
Azerbaijan	93	67	46	3.5	Insufficient progress	56	65	43	1.3	Insufficient progress
Bangladesh	143	86	48	5.5	On track	800	400	240	5.9	On track
Benin	178	143	115	2.2	Insufficient progress	770	530	350	3.9	Making progress
Bolivia (Plurinational State of)	121	82	54	4.0	On track	450	280	190	4.1	Making progress
Botswana	59	96	48	1.0	Insufficient progress	140	350	160	-0.7	No progress
Brazil	59	36	19	5.7	On track	120	81	56	3.5	Making progress
Burkina Faso	205	191	176	0.8	No progress	700	450	300	4.1	Making progress
Burundi	183	164	142	1.3	Insufficient progress	1,100	1,000	800	1.5	Insufficient progress
Cambodia	121	103	51	4.3	On track	830	510	250	5.8	On track
Cameroon	137	148	136	0.0	No progress	670	730	690	-0.2	No progress
Central African Republic	165	176	159	0.2	No progress	930	1,000	890	0.2	Insufficient progress
Chad	207	190	173	0.9	No progress	920	1,100	1,100	-0.7	No progress
China	48	33	18	4.9	On track	120	61	37	5.9	On track
Comoros	125	104	86	1.9	Insufficient progress	440	340	280	2.2	Making progress
Congo	116	104	93	1.1	Insufficient progress	420	540	560	-1.5	No progress
Congo, Democratic Republic	181	181	170	0.3	No progress	930	770	540	2.7	Making progress
Côte d'Ivoire	151	148	123	1.0	Insufficient progress	710	590	400	2.8	Making progress
Djibouti	123	106	91	1.5	Insufficient progress	290	290	200	1.9	Insufficient progress
Egypt	94	47	22	7.3	On track	230	100	66	6.0	On track
Equatorial Guinea	190	152	121	2.3	Insufficient progress	1,200	450	240	7.9	On track
Eritrea	141	93	61	4.2	On track	880	390	240	6.3	On track
Ethiopia	184	141	106	2.8	Insufficient progress	950	700	350	4.9	Making progress
Gabon	93	88	74	1.1	Insufficient progress	270	270	230	0.8	Insufficient progress
Gambia	165	128	98	2.6	Insufficient progress	700	520	360	3.4	Making progress
Ghana	122	99	74	2.5	Insufficient progress	580	550	350	2.6	Making progress
Guatemala	78	49	32	4.5	On track	160	130	120	1.5	Insufficient progress
Guinea	229	175	130	2.8	Insufficient progress	1,200	970	610	3.4	Making progress
Guinea-Bissau	210	177	150	1.7	Insufficient progress	1,100	970	790	1.7	Insufficient progress
Haiti	151	109	165	-0.4	No progress	620	460	350	2.7	Making progress
India	115	86	63	3.0	Insufficient progress	600	390	200	5.2	Making progress
Indonesia	85	54	35	4.4	On track	600	340	220	4.9	Making progress
Iraq	46	43	39	0.8	On track	89	78	63	1.7	Insufficient progress
Kenya	99	111	85	0.8	No progress	400	490	360	0.5	Insufficient progress
Korea, Democratic People's Republic	45	58	33	1.6	On track	97	120	81	0.9	Insufficient progress
Kyrgyzstan	72	52	38	3.2	On track	73	82	71	0.2	Insufficient progress
Lao People's Democratic Republic	145	88	54	4.9	On track	1,600	870	470	5.9	On track
Lesotho	89	127	85	0.2	No progress	520	690	620	-0.9	No progress
Liberia	227	169	103	4.0	On track	1,200	1,300	770	2.4	Making progress
Madagascar	159	102	62	4.7	On track	640	400	240	4.7	Making progress
Malawi	222	167	92	4.4	On track	1,100	840	460	4.4	Making progress
Mali	255	213	178	1.8	Insufficient progress	1,100	740	540	3.5	Making progress
Mauritania	124	116	111	0.6	No progress	760	630	510	2.0	Making progress
Mexico	49	29	17	5.3	On track	92	82	50	3.0	Making progress
Morocco	86	55	36	4.4	On track	300	170	100	5.1	Making progress
Mozambique	219	177	135	2.4	Insufficient progress	910	710	490	3.1	Making progress
Myanmar	112	87	66	2.6	Insufficient progress	520	300	200	4.8	Making progress
Nepal	141	84	50	5.2	On track	770	360	170	7.3	On track

(continued)



TABLE 1 (CONTINUED)

## Country progress towards Millennium Development Goals 4 and 5

Countries and territories	Under-five mortality rate					Maternal mortality ratio, modelled				
	Deaths per 1,000 live births			Average annual rate of reduction (%)	Assessment of progress <sup>a</sup>	Deaths per 100,000 live births			Average annual rate of reduction (%)	Assessment of progress <sup>b</sup>
	1990	2000	2010	1990–2010		1990	2000	2010	1990–2010	
Niger	311	218	143	3.9	Insufficient progress	1,200	870	590	3.6	Making progress
Nigeria	213	186	143	2.0	Insufficient progress	1,100	970	630	2.6	Making progress
Pakistan	124	101	87	1.8	Insufficient progress	490	380	260	3.0	Making progress
Papua New Guinea	90	74	61	1.9	Insufficient progress	390	310	230	2.6	Making progress
Peru	78	41	19	7.1	On track	200	120	67	5.2	Making progress
Philippines	59	40	29	3.6	On track	170	120	99	2.8	Making progress
Rwanda	163	177	91	2.9	Insufficient progress	910	840	340	4.9	Making progress
São Tomé and Príncipe	94	87	80	0.8	No progress	150	110	70	3.8	Making progress
Senegal	139	119	75	3.1	Insufficient progress	670	500	370	3.0	Making progress
Sierra Leone	276	233	174	2.3	Insufficient progress	1,300	1,300	890	1.8	Insufficient progress
Solomon Islands	45	35	27	2.6	On track	150	120	93	2.2	Making progress
Somalia	180	180	180	0.0	No progress	890	1,000	1,000	-0.7	No progress
South Africa	60	78	57	0.3	No progress	250	330	300	-0.9	No progress
Sudan <sup>c</sup>	125	114	103	1.0	Insufficient progress	1,000	870	730	1.6	Insufficient progress
Swaziland	96	114	78	1.0	Insufficient progress	300	360	320	-0.3	No progress
Tajikistan	116	93	63	3.1	Insufficient progress	94	120	65	1.8	Insufficient progress
Tanzania, United Republic of	155	130	76	3.6	Insufficient progress	870	730	460	3.2	Making progress
Togo	147	124	103	1.8	Insufficient progress	620	440	300	3.5	Making progress
Turkmenistan	98	74	56	2.8	Insufficient progress	82	91	67	1.0	Insufficient progress
Uganda	175	144	99	2.8	Insufficient progress	600	530	310	3.2	Making progress
Uzbekistan	77	63	52	2.0	Insufficient progress	59	33	28	3.7	Making progress
Viet Nam	51	35	23	4.0	On track	240	100	59	6.9	On track
Yemen	128	100	77	2.5	Insufficient progress	610	380	200	5.3	Making progress
Zambia	183	157	111	2.5	Insufficient progress	470	540	440	0.4	Insufficient progress
Zimbabwe	78	115	80	-0.1	No progress	450	640	570	-1.2	No progress

a. "On track" indicates that the under-five mortality rate for 2010 is less than 40 deaths per 1,000 live births or that it is 40 or more with an average annual rate of reduction of 4% or higher for 1990–2010; "insufficient progress" indicates that the under-five mortality rate for 2010 is 40 deaths per 1,000 live births or more with an average annual rate of reduction of 1%–3.9% for 1990–2010; "no progress" indicates that the under-five mortality rate for 2010 is 40 deaths per 1,000 live births or more with an average annual rate of reduction of less than 1% for 1990–2010.

b. "On track" indicates that the average annual rate of reduction of the maternal mortality ratio for 1990–2010 is 5.5% or more; "making progress" indicates that the average annual rate of reduction of the maternal mortality ratio for 1990–2010 is between 2% and 5.5%; "insufficient progress" indicates that the average annual rate of reduction of the maternal mortality ratio for 1990–2010 is less than 2%; "no progress" indicates that the average annual rate of reduction of the maternal mortality ratio for 1990–2010 is negative—that is, that the maternal mortality ratio has increased. Countries with a maternal mortality ratio below 100 deaths per 100,000 live births in 1990 are not categorized by the Maternal Mortality Estimation Inter-agency Group. *Countdown to 2015* calculated the assessment of progress for *Countdown* countries that fall into this group.

c. Data refer to Sudan as it was constituted in 2010, before South Sudan seceded. Data for South Sudan and Sudan as separate states are not available.

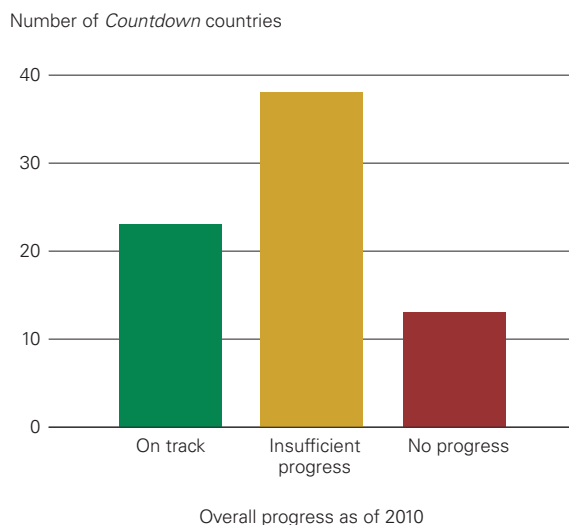
Source: Under-five mortality, UNICEF, WHO, World Bank and UNDESA 2011; maternal mortality, WHO, UNICEF, UNFPA and World Bank 2012.

Of 74 *Countdown* countries with available data, 23 are on track to achieve Millennium Development Goal 4 (figure 3). Bangladesh, Brazil, Egypt and Peru reduced the under-five mortality rate 66% or more, and China, Lao People's Democratic Republic, Madagascar, Mexico and Nepal reduced it 60%–65%. But much remains to be done: 13 countries made no progress, and 38 made insufficient progress. Countries and their development partners must

continue prioritizing child survival efforts to maintain forward momentum beyond 2015 and to prevent reversals.

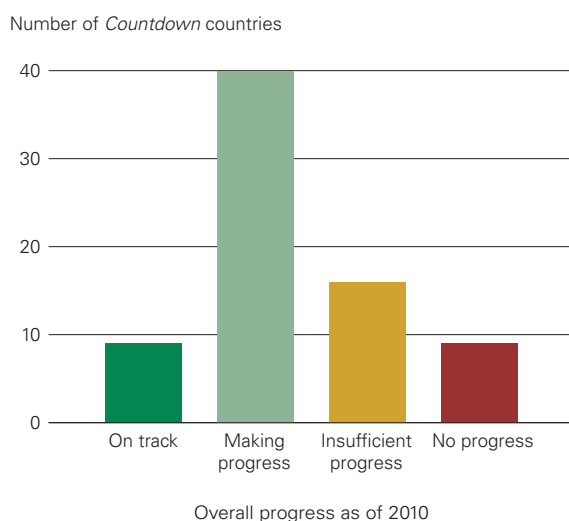
Only 9 of 74 *Countdown* countries with available data are on track to achieve Millennium Development Goal 5 (figure 4). Eight of them (Bangladesh, Cambodia, China, Egypt, Eritrea, Lao People's Democratic Republic, Nepal and Vietnam) are also on track to achieve Millennium

**FIGURE 3**  
**Progress towards Millennium Development Goal 4 in Countdown countries**



Source: Countdown to 2015 analysis based on UNICEF, WHO, World Bank and UNDESA 2011.

**FIGURE 4**  
**Progress towards Millennium Development Goal 5 in Countdown countries**

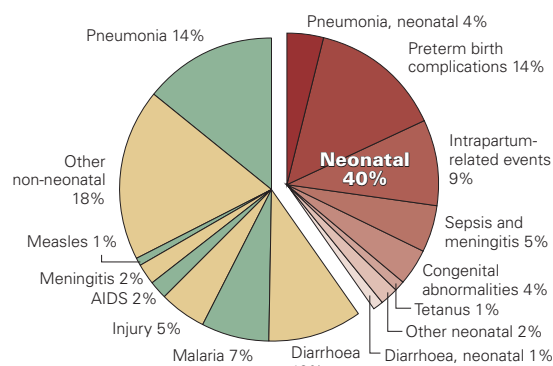


Source: Countdown to 2015 analysis based on WHO, UNICEF, UNFPA and World Bank 2012.

Development Goal 4. Only three countries (Equatorial Guinea, Nepal and Vietnam) reduced the modelled maternal mortality ratio 75% or more from 1990 to 2010, though Cambodia, Bangladesh, Egypt, Eritrea and Lao People's Democratic Republic came close, reducing it 70%–74%.

**FIGURE 5**  
**Roughly 40% of child deaths occur during the neonatal period**

Global causes of death among children ages 0–59 months, 2010



Source: Liu and others forthcoming.

### Causes of child deaths

New analyses for 2010 show that 64% of child deaths are attributable to infectious diseases in newborns and children, and 40% occur during the neonatal period (figure 5). Undernutrition contributes to over a third of child deaths.<sup>7</sup> The leading causes of neonatal deaths are complications of preterm birth (box 5), intrapartum-related events, and sepsis and meningitis; the leading causes of death among older children remain pneumonia, diarrhoea (box 6) and malaria (31%).

### Causes of maternal deaths

Haemorrhage and hypertension together account for more than half of maternal deaths—deaths of women while pregnant or within 42 days of termination of pregnancy, regardless of the site or duration of pregnancy, from any cause related to or aggravated by the pregnancy or its management—and sepsis and unsafe abortion (box 7) combined account for 17% (figure 6). Indirect causes, including deaths due to conditions such as malaria, HIV/AIDS and cardiac diseases, account for about 20%. Indirect maternal deaths attributable to AIDS in 15 Countdown countries with HIV prevalence above 5% ranges from 8% to 67%, with a median of 27%.<sup>8</sup> The categories of maternal deaths are based on a WHO classification system that considers obstructed labour and anaemia to be contributing conditions rather than direct causes. Deaths related to these two conditions are classified under haemorrhage or sepsis. Clear programmatic actions linked to obstructed labour

## Preterm births and stillbirths: making them count

Preterm births and stillbirths have been overlooked on the global health agenda. *Countdown* is reporting preterm birth estimates and stillbirth rates for the first time to raise their visibility and promote their prioritization for action. Many of the interventions for preventing preterm births and stillbirths are effective in improving other maternal and newborn health outcomes.

### 15 million preterm births a year

Preterm birth complications are the leading cause of newborn deaths and the second-leading cause of deaths in children under age 5. More than 1.1 million children a year die due to complications of being born too soon,<sup>1</sup> and many others experience a lifetime of disability.<sup>2</sup> Approximately 80% of preterm births occur between 32 and 37 weeks of gestations, and most of these babies survive when they receive essential newborn care; 75% of deaths of preterm babies can be prevented without intensive care.

According to the first national estimates of preterm birth (before 37 completed weeks of pregnancy), approximately 14.9 million babies a year—more than 1 in 10—are born too soon. Of the 65 countries in the world with reliable trend data, only 3 have shown substantial reductions over 1990–2010. About 84% of all preterm births occur in *Countdown* countries. The preterm birth rate in *Countdown* countries ranges from 7% in Papua New Guinea and Iraq to 18% in Malawi, with a median of 12%.

There is a stark survival and care gap for premature babies between low- and high-income countries. Yet many preterm babies can be saved through feasible, low-cost interventions such as breastfeeding support, thermal care and basic care for infections and breathing difficulties. An analysis using the Lives Saved Tool found that universal coverage of kangaroo mother care could prevent 450,000 deaths a year alone.<sup>3</sup> Nurses, midwives and community-based workers providing postnatal care need training in kangaroo mother care, breastfeeding support and other preterm baby care skills as well as access to reliable supplies of key commodities and equipment. Effective care before, during and between pregnancies and childbirth is also important for preventing preterm births and improving the survival chances of preterm babies. Antenatal corticosteroid injections, a priority

medicine of the United Nations Commission on Life-Saving Commodities for Women and Children, delivered to women in preterm labour, reduce the risk of death and respiratory distress in preterm babies. Coverage of antenatal corticosteroids is low in the few *Countdown* countries with estimates. Scaling up to universal coverage across *Countdown* countries could save an estimated 400,000 preterm babies a year.

Investment in research is essential for better understanding the causes of preterm birth in order to develop preventive interventions for universal application. Research to improve implementation of proven interventions in low-resource settings and on low-cost technological solutions to address complications of prematurity is needed.

The May 2012 *Born Too Soon: The Global Action Report on Preterm Births*<sup>3</sup>—supported by *Countdown* and around 50 organizations—sets a new goal of halving deaths due to preterm birth by 2025.

### Almost 3 million stillbirths a year

An estimated 2.7 million third-trimester stillbirths occur every year, a drop of 1.1% a year over 1995–2009. *Countdown* countries accounted for 93% of stillbirths in the 193 countries with data for 2009, with rates ranging from 5 per 1,000 total births in Mexico to 47 in Pakistan and a median of 23.

Worldwide, approximately 1.2 million stillbirths occur during labour; these are known as intrapartum stillbirths. The risk of intrapartum stillbirth is 24 times higher for an African woman than for a woman in a high-income country. Yet these deaths are largely preventable. The most important strategy to reduce stillbirths is improved care at birth, which also saves maternal and newborn lives, giving a triple return on investments in training skilled birth attendants and increasing the number of functional basic and comprehensive emergency obstetric care facilities.<sup>4</sup>

Other interventions proven to reduce stillbirths are family planning, supportive policies protecting women from harmful working conditions and exposure to environmental toxins (such as indoor air pollution from cookstoves and tobacco smoke) and quality antenatal care services (such as early recognition and treatment of intrauterine growth restriction; protection from malaria

(continued)

**BOX 5 (CONTINUED)****Preterm births and stillbirths: making them count**

through insecticide-treated net use and delivery of intermittent preventive treatment for pregnant women; and identification and treatment of hypertension, diabetes and sexually transmitted diseases, particularly syphilis). Stillbirths can also be reduced by inducing post-term pregnancies (at 41 weeks and later) and by conducting newborn resuscitation. Scaling up of effective care, especially quality childbirth services, could halve stillbirth rates by 2020.<sup>5</sup>

**Notes**

1. Liu and others forthcoming.
2. Blencowe and others forthcoming.
3. March of Dimes, PMNCH, Save the Children and WHO 2012.
4. Lawn and others 2011; Bhutta and others 2011.
5. Pattinson and others 2011.

**BOX 6****Pneumonia and diarrhoea: neglected killers**

According to UNICEF's (forthcoming) *Pneumonia and Diarrhoea: Tackling the Deadliest Diseases for the World's Poorest Children*, fewer children under age 5 are dying due to pneumonia and diarrhoea than a decade ago. However, these two diseases combined still account for close to 2 million deaths a year. Of the 7.6 million deaths among children under age 5 in 2010 (including neonatal deaths), 18% were due to pneumonia and 11% to diarrhoea (see figure 5 in the main text). Approximately 90% of these deaths were in Sub-Saharan Africa and South Asia, and the five countries with the most deaths are all *Countdown* countries: India, Pakistan, Nigeria, Democratic Republic of the Congo and Ethiopia.

Preventive interventions, some of which reduce the incidence of both diseases, include optimal breastfeeding practices and adequate nutrition, immunizations, hand washing with soap and access to improved water and sanitation facilities. Lifesaving treatment options after a child gets sick include antibiotics for bacterial pneumonia and oral rehydration salts and zinc for diarrhoea. However, coverage of these interventions remains low, particularly among the most vulnerable.

In *Countdown* countries the median coverage of exclusive breastfeeding (for the first six months of life), antibiotic use for pneumonia and oral

rehydration therapy with continued feeding are all less than 50% (see figure 9 in the main text). Only 39 *Countdown* countries have policies for community case management of pneumonia that could expand treatment access to the underserved (see figure 15 in the main report). Although the number of countries adopting policies on low-osmolarity oral rehydration salts and zinc for managing diarrhoea is increasing, zinc treatment remains unavailable in nearly a third of *Countdown* countries. Median coverage of access to an improved water source is 76% in *Countdown* countries, but access to an improved sanitation facility hovers at an unacceptable 40%. Most *Countdown* countries report high coverage of measles and *Haemophilus influenzae* type b vaccines, but only 9 are implementing policies for rotavirus vaccine and 16 for pneumococcal conjugate vaccines. Expanding vaccine uptake is essential to realize the full potential of these interventions in reducing deaths due to pneumonia and diarrhoea, particularly as vaccines against rotavirus and pneumococcus are being introduced in more countries.

A global action plan for pneumonia has been in place since 2009. A consortium of partners including academic universities, UN agencies and the Clinton Health Access Initiative is developing an integrated global action plan for diarrhoea and pneumonia to scale up proven interventions and increase commitment to addressing these two leading killers of children.

Source: UNICEF forthcoming.

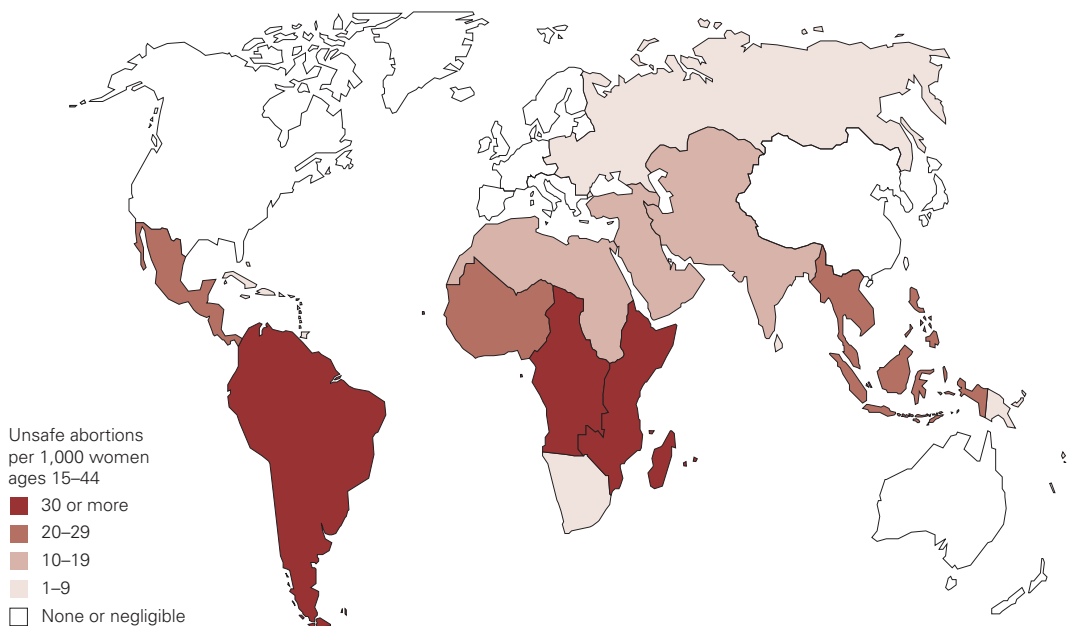
**BOX 7****Unsafe abortion: a preventable cause of maternal deaths**

Worldwide approximately 22 million unsafe abortions, half of all induced abortions, occur each year, resulting in the deaths of 47,000 women and temporary or permanent disability among an additional 5 million women. Almost all these deaths and disabilities occur in developing countries.<sup>1</sup> An abortion is defined as unsafe when performed by an individual who lacks the necessary skills or in an environment that does not meet minimal medical standards. Deaths due to unsafe abortion result mainly from severe infections, bleeding and organ damage caused by the procedure. Preventing unsafe abortions would contribute substantially towards achieving Millennium Development Goal 5.

*Countdown* countries represent a wide spectrum of public health consequences of unsafe abortion, ranging from little or none in some countries (Central and Southeast Asian countries and those in Far East Asia) to about 1 in 5 maternal deaths due to unsafe abortion in *Countdown* countries in East Africa (see map). In general, maternal deaths due to unsafe abortions are high in *Countdown* countries with high overall maternal mortality.

Globally the abortion rate fell between 1995 and 2003 from 35 per 1,000 women of reproductive age (ages 15–44) to 29 but has since stagnated at 28 in 2008. Over 2003–2008 the total number of abortions rose, reflecting increased global population. The proportion of abortions that were unsafe increased from 44% in 1995 to 49% in 2008.<sup>2</sup>

More than 80% of unintended pregnancies in developing countries occur to women who have an unmet need for modern contraception. Given the extent of unintended pregnancy and the high levels of unsafe abortion around the world, continuing efforts to provide family planning services (see box 9), education and information to prevent unsafe abortions are essential public health interventions.<sup>3</sup> Effective, high-quality family planning services are characterized by a variety of affordable commodities, complete information for women about potential benefits and side effects and attention to social and cultural factors to expand women's access to contraception.<sup>4</sup> WHO estimates that 75% of unsafe abortions could be avoided if the need for family planning were fully met.<sup>5</sup>

**Unsafe abortions are concentrated in Latin America and the Caribbean and Central Africa**

Source: WHO 2008.

(continued)



## Unsafe abortion: a preventable cause of maternal deaths

As stated by the Inter-Agency Group for Safe Motherhood, “Unsafe abortion is the most neglected—and most preventable—cause of maternal death. These deaths can be significantly reduced by ensuring that [maternal health] programmes include client-centered family planning services to prevent unwanted pregnancy, contraceptive counseling for women who have had an induced abortion, the use of appropriate technologies for women who experience abortion complications, and, where not against the law, safe services for pregnancy termination.”<sup>6</sup>

Where unsafe abortions occur, comprehensive post-abortion care for women is important to address complications and ensure access to contraception.

Skilled health workers, appropriate pain control management, follow-up care including identification and treatment of bleeding or infection, removing health worker stigma for caring for women after an abortion, and increasing and improving family planning counselling and services are all necessary components.<sup>7</sup>

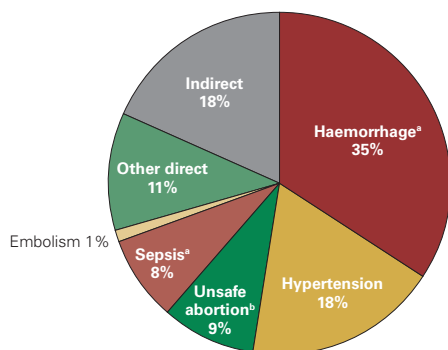
### Notes

1. World Health Organization 2011.
2. Sedgh and others 2012.
3. WHO 2005.
4. WHO 2009.
5. WHO 2011.
6. Inter-Agency Group for Safe Motherhood 1998.
7. Singh and others 2009.

FIGURE 6

### Haemorrhage and hypertension account for more than half of maternal deaths

Global estimates of the causes of maternal deaths, 1997–2007



a. Includes deaths due to obstructed labour or anaemia.

b. Nearly all (99%) of abortion deaths are due to unsafe abortion.

Source: Preliminary data from the World Health Organization.

and anaemia include increasing women’s access to comprehensive emergency obstetric care and nutrition interventions, respectively.

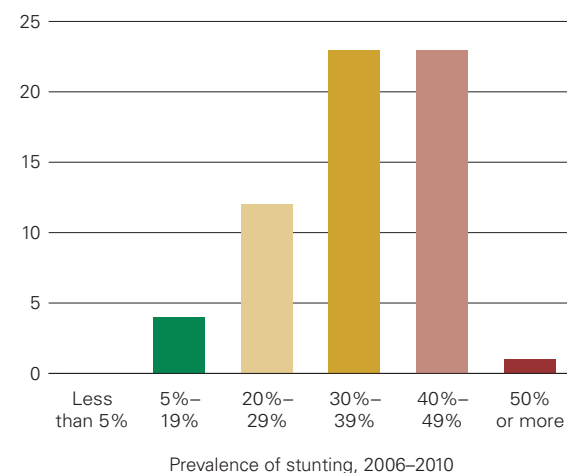
### Undernutrition: grave crisis—a call for action

Undernutrition contributes to over a third of child deaths globally.<sup>9</sup> The result of inadequate energy or micronutrient intake and often rooted in poverty, undernutrition increases the risk of death and ill-health for both mother and baby during

FIGURE 7

### Two-thirds of Countdown countries have stunting prevalence of 30% or more

Number of Countdown countries (n = 63)



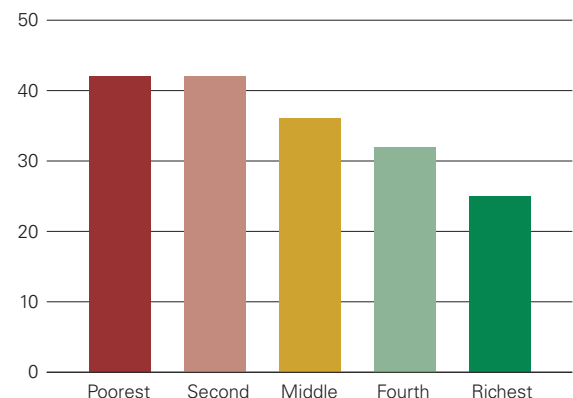
Source: UNICEF global databases, April 2012, based on Demographic and Health Surveys, Multiple Indicator Cluster Surveys and other household surveys

pregnancy, childbirth and the postnatal period through early childhood. Stunting prevalence is a critical indicator of progress in child survival, reflecting long-term exposure to poor health and nutrition, especially in the first two years of life.<sup>10</sup> Children under age 5 around the world have the same growth potential, and stunting prevalence above 3% indicates the need for remedial actions.

FIGURE 8

**Poorer children are more likely to be stunted**

Median prevalence of stunting by wealth quintile, Countdown countries with data (%)



Source: Demographic and Health Surveys and Multiple Indicator Cluster Surveys

All 63 Countdown countries with available data since 2006 have stunting prevalence above this threshold (figure 7). In the majority of these countries more than a third of children are stunted, a situation requiring urgent attention, and prevalence is particularly high among the poorest populations (figure 8). In a fifth of these countries more than half of children in the poorest 20% of households are stunted. Multisectoral programmes

that emphasize reaching the poor must continue to be a major priority in Countdown countries.

Wasting, or low weight for height, in children under age 5, is the most reliable indicator of acute food insecurity and signals an urgent need for action. The short-term mortality risk is much higher for a wasted child than for a stunted child. In 62 Countdown countries with available data since 2006 the prevalence of wasting ranges from 0.8% in Swaziland to 21% in the last survey in pre-secession Sudan, with a median of 7%. Niger (16%), Chad (16%), Bangladesh (18%) and India (20%) also have high prevalence of wasting. The median prevalence is 10% in the nine Countdown countries in the Sahel region prone to severe drought and famine.

Maternal undernutrition is a risk factor for poor maternal, newborn and child health outcomes, and interventions to improve women’s nutritional status before, during, after and between pregnancies are essential (box 8). The Scale Up Nutrition road map, the Global Alliance for Improved Nutrition, the Renewed Efforts Against Child Hunger, the U.S. and Irish-led 1,000 days: Change a Life, Change the Future campaign and similar initiatives are under way to address maternal and child undernutrition;<sup>11</sup> the challenge is to ensure that these are fully integrated with country-level reproductive, maternal, newborn and child health programmes.<sup>12</sup>





**BOX 8****A new focus on maternal undernutrition**

Key indicators of maternal nutrition are maternal stature, body mass index and micronutrient deficiency. Poor maternal nutrition contributes to at least 20% of maternal deaths, and increases the probability of other poor pregnancy outcomes, including newborn deaths.<sup>1</sup> Maternal undernutrition is particularly severe in South Asian *Countdown* countries. In Pakistan, for example, more than 25% of women ages 15–19 have a low body mass index (below 18.5 kilograms per square metre) and 10% had short stature (less than 145 centimetres).<sup>2</sup>

In this report *Countdown* tracks for the first time the prevalence of low body mass index among women of reproductive age, an important risk factor for intrauterine growth restriction, low birthweight and neonatal mortality. Less data are available on the nutritional status of women than on the nutritional status of children. In 24 *Countdown* countries with a recent Demographic and Health Survey the median prevalence of low body mass index among women of reproductive age is 11%, with a low of 0.7% in Egypt. Four countries report extremely high prevalence: Nepal (26%), Madagascar (28%), Bangladesh (33%) and India (40%).

Short maternal stature, often a result of childhood stunting, is also a risk factor for obstructed labour and caesarean delivery due to a disproportion between the baby's head and the maternal pelvis. Prolonged obstructed labour combined with no or delayed access to caesarean delivery can result in maternal

mortality, debilitating long-term health consequences such as obstetric fistula and neonatal mortality due to birth asphyxia. Many *Countdown* countries with high maternal undernutrition also lack readily available emergency caesarean sections.

Limited information is available on maternal micronutrient deficiencies. A WHO review of nationally representative surveys from 1993 to 2005 found that 42% of pregnant women worldwide are anaemic, more than half of them due to iron deficiency.<sup>2</sup> Prenatal folic acid deficiency, also widespread, is associated with increased risk of neural tube defects.

Further research is needed to understand the relationships between maternal undernutrition and short- and long-term maternal and child health outcomes. More and better data are also needed on measures of maternal nutritional status and on coverage of evidence-based interventions, including folic acid supplementation in the periconceptional period, iron and folic acid uptake among women at risk of iron deficiency anaemia and nutrition programmes to address food insecurity and low maternal body mass index.

**Notes**

1. Black and others 2008; Stoltzfus, Mullany and Black 2004.
2. Zulfigar A. Bhutta and others, Aga Khan University, National Nutrition Survey, Pakistan, 2011.
3. WHO and CDC 2008.



# Coverage along the continuum of care



This section presents levels and trends in the *Countdown* coverage indicators, including measures of equity in coverage. It reviews the number of countries with coverage data available for *Countdown* indicators, discusses new indicators included for the first time in 2012 and summarizes coverage trends since 2000.

Figure 9 shows median coverage values based on the latest available estimates since 2006 for 21 *Countdown* indicators. Table 2 shows the number of countries with available data for each *Countdown* indicator, the median coverage values and the range in coverage across reporting countries. Figure 9 and table 2 do not include the

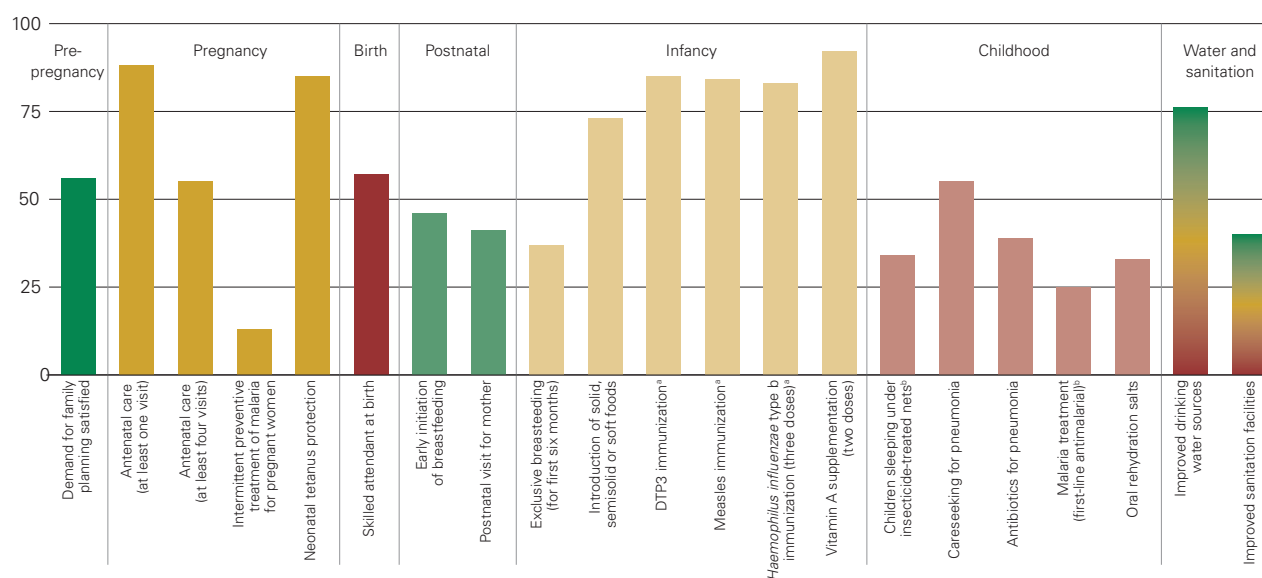
caesarean section rate, prevention of mother-to-child transmission of HIV and eligible HIV-positive pregnant women receiving antiretroviral treatment for their own health, which are reported on separately.

New coverage indicators for 2012 reflect advancements in family planning and infant feeding: demand for family planning satisfied (an indicator of met need for family planning; box 9) and introduction of solid or semisolid foods. Coverage is reported both for the compound measure of oral rehydration therapy with continued feeding and for oral rehydration salts alone. Information on oral rehydration salts use

FIGURE 9

## Coverage of interventions varies across the continuum of care

Median national coverage of selected *Countdown* interventions, most recent year since 2006 (%)



a. Data are for 2010.

b. Analysis is based on countries with 75% or more of the population at risk of *p. falciparum* transmission.

Source: Immunization rates, WHO and UNICEF; postnatal visit for mother, Saving Newborn Lives analysis of Demographic and Health Surveys; improved water and sanitation, WHO and UNICEF Joint Monitoring Programme 2012; all other indicators, UNICEF global databases, April 2012, based on Demographic and Health Surveys, Multiple Indicator Cluster Surveys and other national surveys.

TABLE 2

National coverage of *Countdown* interventions, most recent year since 2006 (%)

Indicator	Number of countries with data	Median coverage (%)	Range (%)
<b>Pre-pregnancy</b>			
Demand for family planning satisfied	46	56	17–97
<b>Pregnancy</b>			
Antenatal care (at least one visit)	69	88	26–100
Antenatal care (at least four visits)	49	55	6–97
Intermittent preventive treatment of malaria for pregnant women <sup>a</sup>	39	13	0–69
Neonatal tetanus protection	66	85	60–94
<b>Birth</b>			
Skilled attendant at birth	67	57	10–100
<b>Postnatal</b>			
Early initiation of breastfeeding	55	46	18–81
Postnatal visit for mother	22	41	22–87
Postnatal visit for baby <sup>b</sup>	4	50	8–77
<b>Infancy</b>			
Exclusive breastfeeding	57	37	1–74
Introduction of solid, semisolid or soft foods	39	73	16–94
Diphtheria-tetanus-pertussis (three doses)	74	85	33–99
Measles immunization	73	84	46–99
<i>Haemophilus influenzae</i> type b immunization (three doses)	58	83	45–99
Vitamin A supplementation (two doses)	56	92	0–100
<b>Childhood</b>			
Children sleeping under insecticide-treated nets <sup>a</sup>	36	34	3–70
Careseeking for pneumonia	57	55	13–83
Antibiotic treatment for pneumonia	45	39	3–88
Malaria treatment (first-line antimalarial) <sup>a</sup>	31	25	0–91
Oral rehydration therapy with continued feeding <sup>b</sup>	53	45	7–68
Oral rehydration salts	57	33	10–77
<b>Water and sanitation</b>			
Improved drinking water sources (total)	70	76	29–99
Improved sanitation facilities (total)	71	40	9–100

a. Number of countries is based on the 50 countries with 75% or more of the population at risk of *p. falciparum* transmission.

b. Not listed in figure 9.

Source: UNICEF global databases, April 2012, based on Demographic and Health Surveys, Multiple Indicator Cluster Surveys and other national surveys.

alone has considerable programme relevance but is not captured in the oral rehydration therapy with continued feeding measure.

These results demonstrate what is possible. All four vaccines (neonatal tetanus protection, DTP3, measles and *Haemophilus influenzae* type b [three doses]) and vitamin A supplementation (two doses) have median coverage of 80% or more in *Countdown* countries with available data. In most *Countdown* countries vaccines and vitamin A are provided in health facilities as well as during campaigns such as child health days, when outreach teams can reach a high proportion of the population. Median coverage of at least one antenatal visit is also very high, at 88%, but coverage of four or more antenatal visits is only 55%.

At least one country has achieved coverage above 80% for each of 17 interventions, and at least one country has reached coverage of 70%–80% for each of four other interventions (postnatal visit for baby, exclusive breastfeeding, children sleeping under insecticide-treated nets and diarrhoea treatment with oral rehydration salts). For intermittent preventive treatment of malaria for pregnant women and oral rehydration therapy with continued feeding coverage is below 70% in the highest performing country. Substantial progress is still needed. The median coverage of interventions related to case management of childhood illnesses, demand for family planning satisfied, early initiation of breastfeeding and exclusive breastfeeding hover at or below 50%.



BOX 9

**Family planning: what does it take to succeed?**

Expanding access to family planning is an effective strategy for saving women’s and children’s lives and improving their health. Family planning empowers women and households to make decisions about whether and when to have children as well as desired family size. This is critical because more than 40% of all pregnancies worldwide are unintended.

Family planning reduces maternal deaths due to unsafe abortions (see box 7). Spacing pregnancies at least two years apart and limiting the total number of pregnancies improves the survival chances and health outcomes of women, newborns and children.

Family planning offers an opportunity to strengthen human capital and enhance progress in poverty reduction and sustainable economic development. Effective family planning programmes require strong government leadership, commitment and investment and must be part of a comprehensive approach that includes activities at the policy, service delivery and community levels.

The experience of Niger illustrates a successful approach to increasing delivery and uptake of family planning services. Contraceptive prevalence increased from 8.2% in 1998 to 16.5% in 2009 (see figure). The percentage of service delivery points offering at least three modern methods of contraceptives grew from 58% in 2008 to 80% in 2010–12, with more than 85% reporting no stockout of commodities in the latter period.

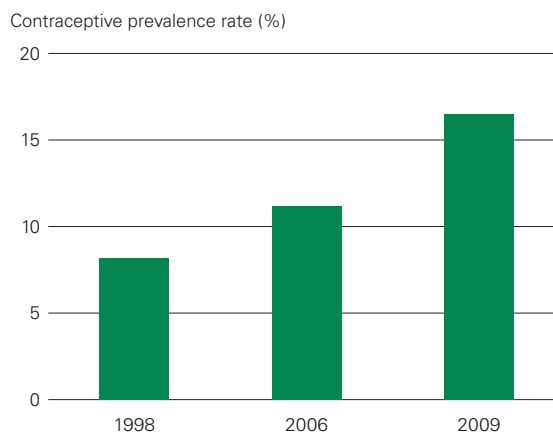
Niger’s progress can be attributed in part to its 2007 adoption of a comprehensive approach to increasing access to family planning. This approach is linked to the national poverty reduction strategy and to the national health sector policy and development plan. Strong leadership led to the development and implementation of supportive policies and plans, a

focus on improving access to high-quality services and community mobilization. A dedicated national budget line for procuring contraceptives was established and has increased over the last four years.

The country is also working to improve the supply chain management system and the competency and supervision of health workers. On the demand side several initiatives have been introduced to involve male partners in women’s reproductive health, engage religious and other community leaders and mobilize communities to advocate for higher quality services.

Although more progress is needed in Niger, its comprehensive approach, which addresses supply- and demand-side constraints to the scale-up of family planning services, offers a promising model for others to adopt.

**The contraceptive prevalence rate in Niger has nearly doubled since 1998**



Source: 1998 and 2006 Demographic and Health Surveys; Niger Ministry of Health 2010; United Nations Population Fund Reproductive Health Commodity Security surveys.

Source: WHO and others 2009; Singh and others 2009; Singh and Ashford 2009.

**Delivering for women and babies: caesarean section rates and coverage of needed HIV services**

Data on caesarean section rates are presented separately because the target coverage value is not 100%. Rates below 5% signal a lack of access to emergency obstetric care, and rates above 15% suggest overuse, which may increase poor maternal and neonatal health outcomes.<sup>13</sup> Of the 47 *Countdown* countries with available data for

2006–2011, 18 report caesarean section rates below 5%, and 8 report rates above 15%. Rates range from 1% (Niger, Ethiopia and South Sudan) to 50% (Brazil), with a median of 5%. Of 42 *Countdown* countries with available disaggregated data, 23 have caesarean section rates below 5% in rural areas, while only 5 have such low rates in urban areas; this reflects the concentration of emergency obstetric care services in cities. Caesarean sections are one component of comprehensive emergency

obstetric care, which also includes blood transfusions and other interventions to manage life-threatening complications of pregnancy and childbirth (such as those requiring a health facility adequately equipped and staffed to administer parental antibiotics, oxytocin for the prevention of postpartum haemorrhage, magnesium sulfate for convulsions, basic neonatal resuscitation, active management of the third stage of labour and assisted vaginal delivery).

The Commission on Information and Accountability for Women's and Children's Health selected one HIV indicator with two components to encourage countries to increase provision of antiretroviral medicines to HIV-positive pregnant women in order to reduce the risk of transmission of HIV to their baby and improve their health. These indicators are important measures of progress towards achieving Millennium Development Goal 6. New reporting on coverage for the most effective antiretroviral drug regimens will now enable monitoring of country progress in scaling up these regimens.

Coverage of the most effective regimens for preventing mother-to-child transmission of HIV in the 21 *Countdown* countries considered priority countries for eliminating mother-to-child transmission shows a wide range (table 3), with three countries reporting coverage of 10% or less and five countries reaching 75% or more of the eligible population in need.<sup>14</sup>

Coverage of antiretroviral therapy for HIV-positive pregnant women who are treatment eligible also varies substantially. Of the 17 priority countries with data for 2010, coverage ranges from 0% in Ghana to 39% in Botswana and Chad.

### Coverage trends since 2000

Examining coverage trends is essential for assessing country progress. Information on trends requires at least two separate and comparable measures at two points in time. For nine *Countdown* indicators at least 20 countries had two measurements at least three years apart, one between 2000 and 2005 (median 2002) and the other between 2006 and 2011 (median 2008).

In absolute terms the largest increase in coverage of indicators along the continuum of care was for children sleeping under insecticide-treated nets (35 percentage points) followed by exclusive breastfeeding (14 percentage points), at least one antenatal care visit and DTP3 vaccination (both with 12 percentage points; table 4). The smallest

TABLE 3

### Estimated antiretroviral coverage for the prevention of mother-to-child transmission using the most effective regimen, 2010 (%)

Country	Point estimate	Range
Congo, Dem. Rep.	1	<1–1
Chad	7	5–9
Nigeria	9	7–10
Angola	20	15–28
Burundi	36	32–49
Uganda	42	36–51
Kenya	43	37–49
Zimbabwe	46	40–52
Ghana	48	40–57
Mozambique	52	44–62
Cameroon	53	43–65
Tanzania	59	52–68
Côte d'Ivoire	66	54–79
Zambia	75	67–85
Lesotho	89	77–>95
Botswana	>95	>95–>95
South Africa	>95	85–>95
Swaziland	>95	88–>95

*Note:* The ranges around the levels of coverage are based on the uncertainty ranges around the estimates of need. Point estimates and ranges are given for countries with a generalized epidemic. Ethiopia, India and Malawi are also priority countries for eliminating mother-to-child transmission of HIV but do not have disaggregated data on type of treatment regimen for 2010.

*Source:* WHO, UNAIDS and UNICEF 2011.

absolute gains were for diarrhoea treatment with oral rehydration salts and early initiation of breastfeeding, both with 4 percentage points. Absolute gains should be interpreted with caution because increases are harder to achieve when baseline levels are already high. For example, median coverage of measles and DTP3 vaccination was 71% during 2000–05, limiting the maximum possible absolute increase in coverage to 29 percentage points.

An alternative measure of progress is the coverage gap, or how much coverage would need to increase from the 2000–05 level to reach universal coverage. The change from 2000–05 to 2006–11 can then be expressed as a percentage of this gap. At least one antenatal care visit, DTP3 and measles immunization and children sleeping under insecticide-treated nets progressed the fastest in closing the gap (see table 4). Early initiation of breastfeeding and diarrhoea treatment with oral rehydration salts showed the least progress, consistent with their slow progress in absolute coverage gains.

TABLE 4

### Trends in *Countdown* indicators, countries with data from at least two surveys, 2000–05 and 2006–11

Indicator	Number of countries with data	Median coverage (%)		Change (percentage points)	Proportion of gap closed (%)
		2000–05	2006–11		
Antenatal care (at least one visit)	61	76	88	12	50
Skilled attendant at birth	61	49	57	8	16
Early initiation of breastfeeding	21	49	53	4	8
Exclusive breastfeeding (for first six months)	48	26	40	14	19
DTP3 immunization <sup>a</sup>	73	71	83	12	41
Measles immunization <sup>a</sup>	73	71	79	8	28
Children sleeping under insecticide-treated nets <sup>b</sup>	26	2	37	35	36
Careseeking for pneumonia	45	44	51	7	13
Oral rehydration salts treatment	46	29	33	4	6

a. Based on the interagency estimates from 2002 and 2008, the average reference years for calculating trends for the nonvaccine indicators in table 3.

b. Analysis is based on countries with 75% or more of the population at risk of *p. falciparum* transmission with trend data available.

Source: UNICEF global databases, April 2012, based on Demographic and Health Surveys, Multiple Indicator Cluster Surveys and other national surveys.

Figure 10 shows progress in coverage for selected interventions to illustrate the “cap” affecting interventions that had already achieved coverage of 70% or higher by 2005 (at least one antenatal care visit and DTP3 and measles immunization) and the potential for rapid growth among new interventions backed by high levels of resources and political commitment (children sleeping under insecticide-treated nets). Interventions requiring strong health systems (skilled attendant at birth) or requiring behaviour change (early initiation of breastfeeding, careseeking for pneumonia) appear stalled at coverage levels of 30%–50%, suggesting that more effective ways are needed to reach women and children with these and similar interventions.

Progress in improving coverage must also be assessed in relation to demographic factors such as population growth. Many *Countdown* countries are experiencing escalating population growth, increasing the absolute number of women and children in need of services (box 10).

#### *Rapid progress is possible!*

The 2012 *Countdown* results show that rapid progress in increasing coverage of single interventions is possible. To reach sustainable and equitable gains in reproductive, maternal, newborn and child health, however, coverage must increase simultaneously across multiple interventions. To compare country progress in increasing coverage of multiple interventions, *Countdown* uses the composite coverage index, a weighted average of coverage levels for eight widely available

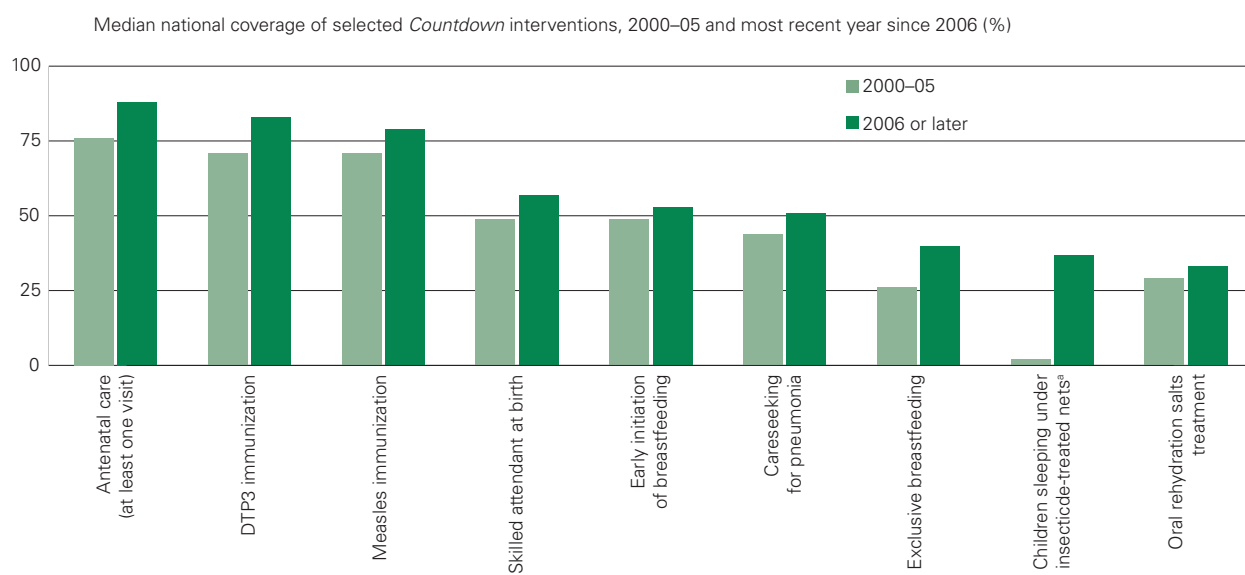
indicators along the continuum of care covering four groups of interventions (preconception, pregnancy and delivery, immunizations and case management of childhood illnesses). The difference between universal coverage and the index value is the coverage gap; the higher the index value, the closer a population is to universal coverage and closing the coverage gap.<sup>15</sup>

Countries with at least two household surveys, one from 2000–05 and one from 2006–11, were examined. The mean interval between the two surveys was 5.8 years but varied by country. Coverage change is expressed as an increase or reduction in percentage points of the composite coverage index, standardized for a five-year period.

For countries with two surveys the mean composite coverage index was 59% in the earlier period and 64% in the later period, an increase of 5 percentage points over five years or 0.8 percentage point a year, though there was wide variability in progress across this subset of *Countdown* countries (figure 11). Bangladesh, Cambodia, Rwanda and Ethiopia had substantial increases of about 15 percentage points over five years or 3 percentage points a year. Mozambique, Uzbekistan, Côte d'Ivoire and Cameroon, however, showed declines of 5 percentage points or more, indicating that some countries are experiencing reversals in coverage of key interventions. Efforts are under way to increase the frequency and availability of household survey data in *Countdown* countries, so that future analyses will include more countries.

FIGURE 10

**Most interventions have seen progress in coverage since 2000**



a. Data are for 26 countries with data available for both time periods and with at least 75% of the population at risk of *p. falciparum* transmission. Source: UNICEF global databases, April 2012, based on Demographic and Health Surveys, Multiple Indicator Cluster Surveys and other national surveys.

BOX 10

**Scaling up and reaching more people: swimming against the population growth tide**

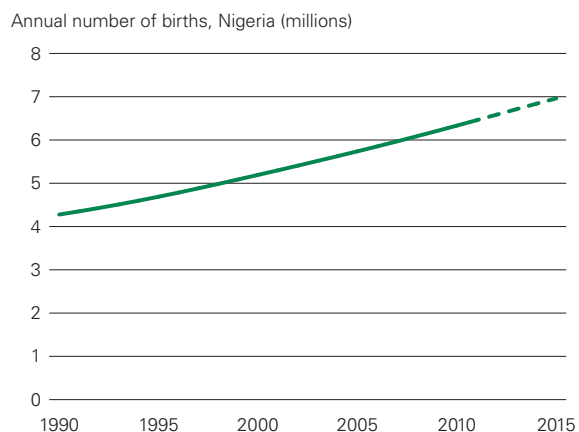
Global fertility rates are declining, but the population continues growing rapidly in many Countdown countries, particularly Sub-Saharan African and Middle East and North African countries. Larger populations translate into more people in need of health services, increasing the challenge for reaching universal coverage in Countdown countries with resource constraints and weak health systems.

The impact of population growth on the demand for reproductive, maternal, newborn and child health services can be illustrated by comparing coverage trends in skilled attendant at birth with birth rates in Nigeria, where the annual number of births is projected to explode from 4.3 million in 1990 to 7 million in 2015, an increase of 63% (see figure). The proportion of births attended by skilled health personnel in Nigeria increased modestly from 31% in 1990 to 39% in 2008, while the absolute number of births attended by a skilled health provider doubled, from approximately 1.3 million in 1990 to 2.7 million in 2008. Had the number of births remained stable each year between 1990 and 2008, coverage would have reached around 63% in 2008, 24 percentage points higher than the actual figure of 39%.

The example shows that focusing on coverage alone

can mask important progress in delivering services to women, newborns and children. Nigeria's slow progress in increasing coverage of skilled attendant at birth despite doubling the number of births attended by a skilled health provider is also a clear indication of the considerable challenges posed by population pressure on country efforts to deliver interventions at scale.

**Explosion in births in Nigeria: a challenge for delivering services**



Source: UNDESA 2011.

**Equity in coverage—new findings from Countdown analyses**

National estimates of intervention coverage often mask important subnational inequities. The country profiles include a summary graph showing socioeconomic inequities in coverage for a set of key interventions across the continuum of care. Intervention coverage is substantially

higher among women and children from richer households, but inequities in coverage vary by intervention (figure 12). Interventions that require a functional health system, such as skilled attendant at birth, are particularly inequitable, while interventions that do not, such as vaccines, are more equitable.<sup>16</sup> The composite coverage index also reveals important inequities. The overall median value across 54 countries with data is 60%, but the median value ranges from 48% in the poorest quintile to 74% in the richest.

Figure 13 shows the subnational composite coverage index for one country in Latin America, Africa and Asia. Bolivia shows little variability across regions, while Ethiopia and India show far greater variability. Subnational data are essential for deciding whether geographic targeting of interventions is necessary.

Another important geographic dimension of coverage inequity is urban-rural location. Ethiopia

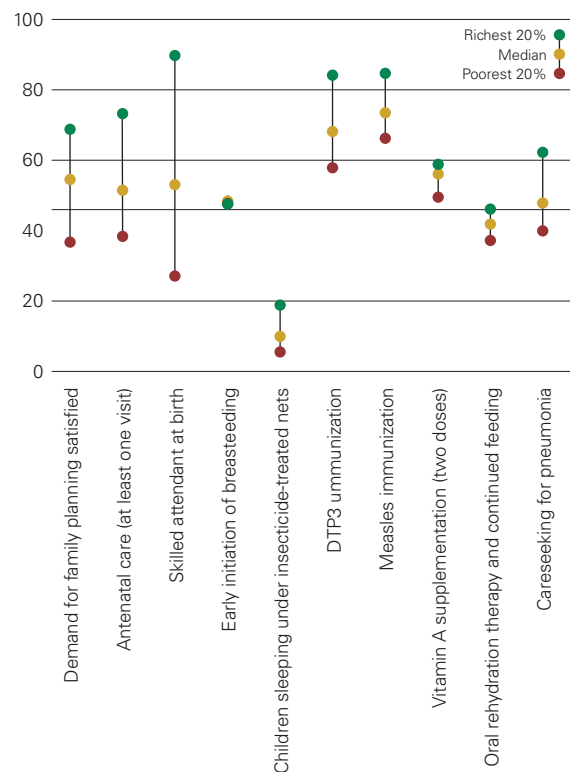
**FIGURE 11**  
**Most countries have increased coverage of eight interventions across the continuum of care**



Source: Demographic and Health Surveys and Multiple Indicator Cluster Surveys.

**FIGURE 12**  
**Coverage inequity varies by intervention**

Coverage along the continuum of care, Countdown countries with data, median and by wealth quintile (%)



Source: Demographic and Health Surveys and Multiple Indicator Cluster Surveys.

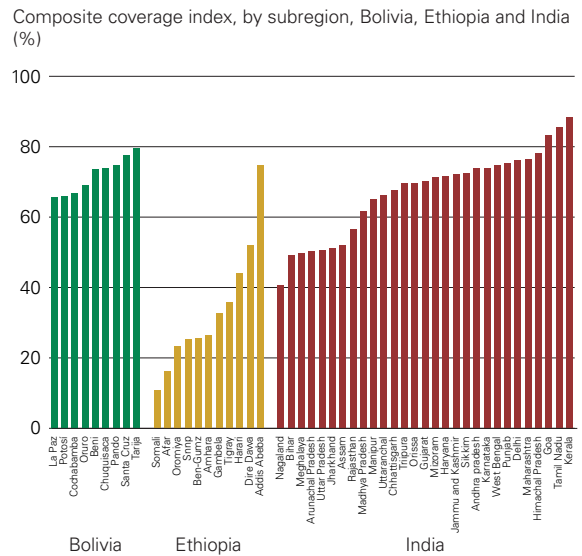


has the widest urban-rural gap in the composite coverage index, with an urban value 37 percentage points higher than the rural value, followed by Niger (28 percentage points), Chad (27 percentage points), Nigeria and Yemen (24 percentage points for both; figure 14). Only two countries, São Tomé and Príncipe and Uzbekistan, have a higher value for rural areas than for urban areas, though the differences were small. The average urban-rural gap across all *Countdown* countries is 13.8 percentage points.

These results highlight the importance of disaggregating national results by multiple dimensions of inequities, including wealth, region of the country and urban-rural location. Subnational data can be used to target interventions where they are most needed by identifying population groups at higher risk. Countries that made the most rapid progress in improving coverage did so by reaching out to the poorest households and to households in remote areas.

FIGURE 13

**Subnational variations in the composite coverage index in three countries**

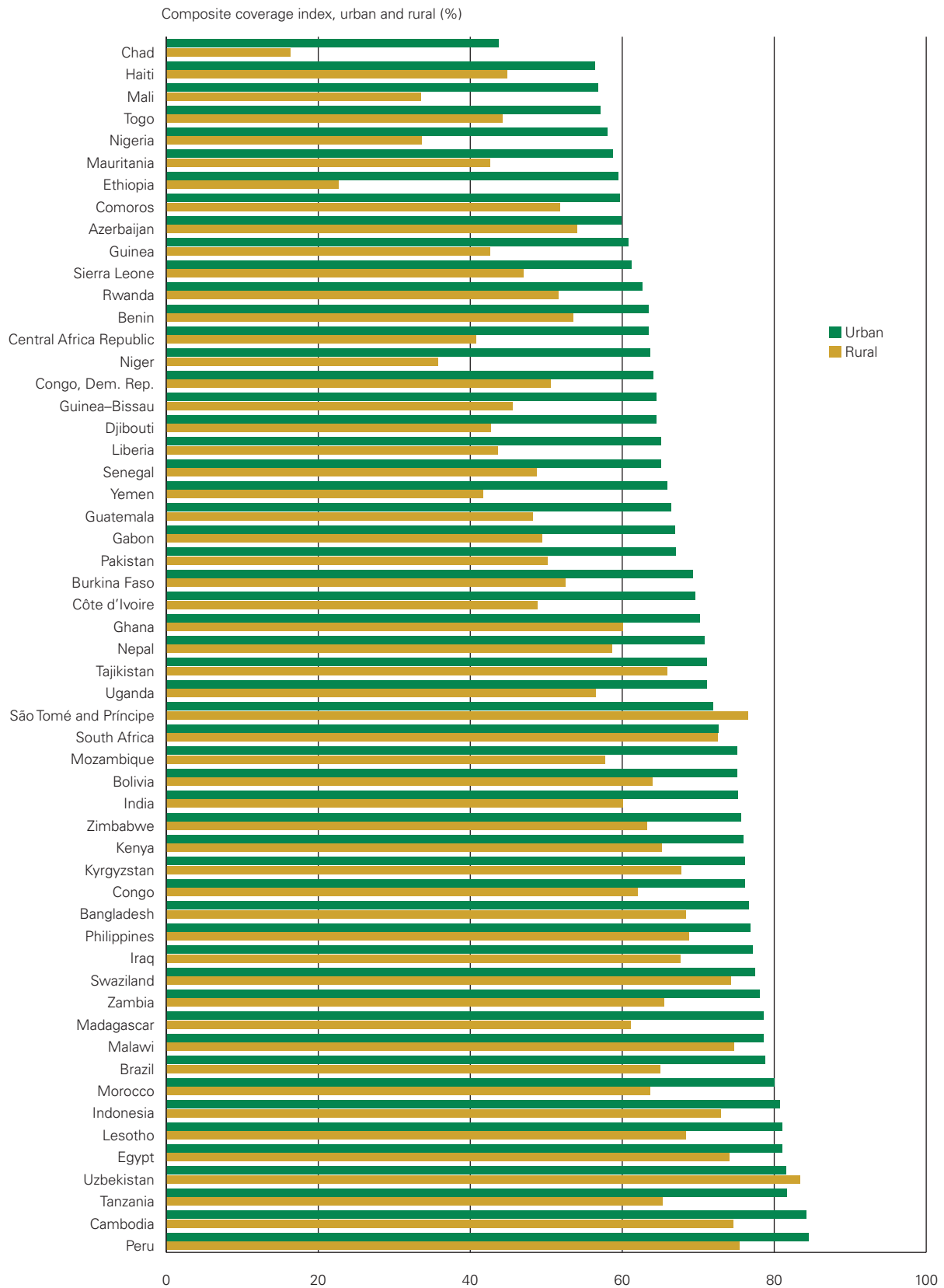


Source: Demographic and Health Surveys and Multiple Indicator Cluster Surveys.



FIGURE 14

Coverage inequities between urban and rural households



Source: Demographic and Health Surveys and Multiple Indicator Cluster Surveys.

# Determinants of coverage



*Countdown* recognizes the importance of health systems, the legislative framework, financial resources and contextual factors (such as education, water and sanitation, governance, conflict and other humanitarian emergencies, environment and socioeconomic factors, including the status of women) in determining country ability to achieve high and equitable coverage. This section provides an update on country progress in strengthening health systems and the policy environment for women and children; trends in official development assistance for maternal, newborn and child health; and examples of how context matters in maternal, newborn and child survival.

## *Strengthening policies and health systems: the building blocks for progress*

*Countdown* monitors key health policy and health system indicators critical to the scale-up of essential reproductive, maternal, newborn and child health interventions. Selected indicators cover the continuum of care and the six health system building blocks (leadership and governance, health systems financing, access to essential medicines, health information systems, health workforce and health service delivery).<sup>17</sup> The good news is that there has been progress in policy adoption and health system strengthening. But gaps remain and must be addressed for *Countdown* countries to achieve Millennium Development Goals 4 and 5.

Supportive legislation is a key first step in improving access to and quality of care; it must be followed by sustained political commitment and strong support from stakeholders so that policies are translated into action on the ground. In 2012, 30 of 68 *Countdown* countries with available data reported adopting a policy recommending postnatal home visits within the first week of life, critical for ensuring that newborn babies receive essential care when the risk of mortality is highest (figure 15). A recent WHO survey found that community health workers in Sub-Saharan

African and Asian countries with this policy provide home visits for both mothers and newborns (box 11).<sup>18</sup> The number of *Countdown* countries with a policy allowing community health workers to treat pneumonia, enabling access to timely lifesaving care at the community level, has more than doubled in four years, from 18 to 38.<sup>19</sup> Sixteen countries have adopted a policy on pneumococcal vaccine,<sup>20</sup> and nine a policy on rotavirus vaccine, demonstrating a strong commitment from governments to introduce these new and effective interventions for child survival. However, progress has been limited on protective policies for maternity leave for new and expecting mothers<sup>21</sup> and on the International Code of Marketing on Breast-milk Substitutes,<sup>22</sup> which are needed to create an environment that promotes maternal and newborn health.

## *Critical health systems input: human resources*

Implementing supportive policies and programmes for reproductive, maternal, newborn and child health depends on adequate human resources. Health care workers can deliver quality services effectively only if sufficient funds are allocated to support the health care infrastructure, including supply chain management and health information systems. Increasing access to care also depends on reducing financial barriers to receiving care, particularly out-of-pocket costs.

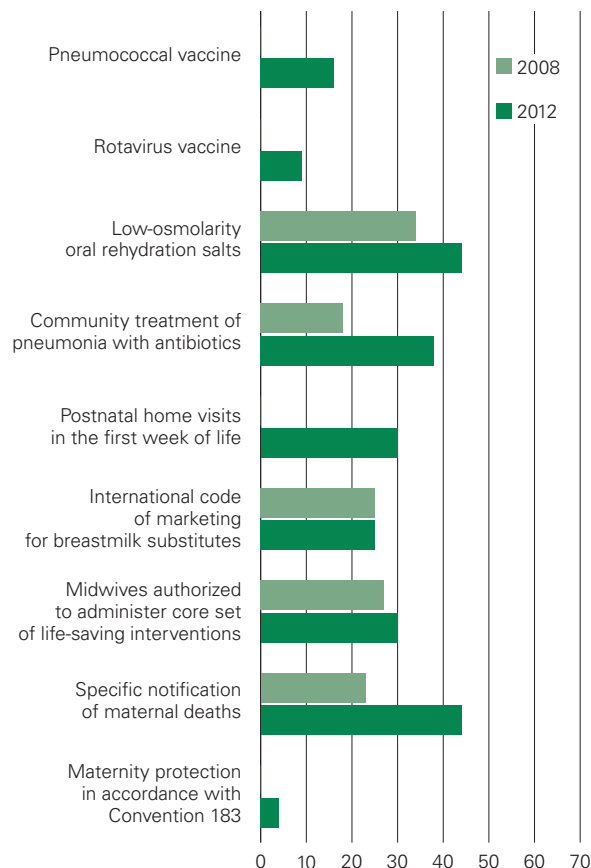
A total of 53 *Countdown* countries (including South Sudan) have a severe shortage of health workers, defined as an aggregate density of physicians, nurses and midwives below 2.3 per 1,000 people.<sup>23</sup> In many cases available health personnel have an inappropriate mix of skills relative to service needs on the ground.<sup>24</sup> The human resources crisis is most pronounced in *Countdown* countries in West and Central Africa and in East and Southern Africa (figure 16).

Inequities in the distribution of health care workers within *Countdown* countries are also vast. Reasons include shortfalls in the number of trained workers

FIGURE 15

### Changes in adoption of supportive policies along the continuum of care

Number of 68 *Countdown* countries with data that have adopted each supportive policy along the continuum of care, 2008 and 2012



Note: Covers the 68 *Countdown* countries with data since 2008.

Excludes Comoros, Kyrgyzstan, São Tomé and Príncipe, Solomon Islands, Uzbekistan, South Sudan and Vietnam.

Source: See annexes A and C.

available and reluctance on the part of health workers to serve in remote and rural areas because of unsatisfactory living and working conditions, lower status and levels of recognition, and a lack of opportunities for professional advancement.<sup>25</sup> Seventeen *Countdown* countries encourage health care providers to work in underserved areas by adopting WHO global policy recommendations for health worker education, regulation, financial incentives, and professional and personal support.<sup>26</sup>

Addressing the human resources crisis for reproductive, maternal, newborn and child health is a major call to action in the Global Strategy for Women's and Children's Health.<sup>27</sup> The Second Global Forum on Human Resources for Health in

2011 called on all stakeholders to combat the human resources crisis through widespread adoption of supportive policies (for example, on innovative skills mix approaches, deployment and retention schemes, and training), improvements in health workforce information systems and predictable long-term investments in health workforce development.<sup>28</sup>

There are positive examples of innovative approaches to tackle health workforce challenges: evidence continues to accumulate on the effectiveness of nonphysician clinicians in delivering emergency obstetric care services in remote and rural areas (such as in Tanzania);<sup>29</sup> countries such as Kenya are establishing bilateral agreements with other countries in the region to collaborate on health workforce training and promote circular migration of health workers;<sup>30</sup> research is being conducted in a variety of settings from Ghana<sup>31</sup> to Lao People's Democratic Republic (discrete choice experiments)<sup>32</sup> on the incentives most likely to improve health workforce deployment and retention.

Malawi has implemented an innovative emergency human resources programme that includes task-shifting approaches to enhance training, deployment and retention of health workers (box 16 later in the report). The initiative is credited with saving more than 13,000 lives, estimated using the Lives Saved Tool and based on increases in coverage between 2004 and 2009 in antenatal care, skilled attendant at birth, prevention of mother-to-child transmission of HIV and vaccinations.<sup>33</sup> Continuing investment will be critical to sustain these gains.

By contrast, recent evidence shows that external assistance for human resources for health from leading global health initiatives is only partly aligned with national health workforce development priorities.<sup>34</sup>

### *Financial resources for reproductive, maternal, newborn and child health in Countdown countries*

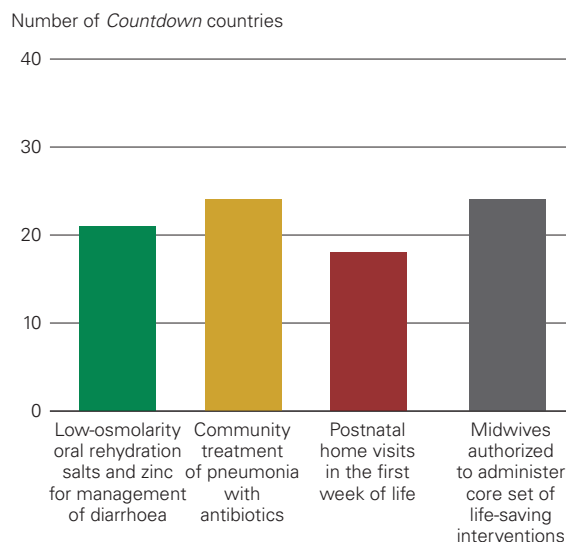
Policymakers need financial information to make informed decisions on setting priorities, efficiently allocating resources among competing health care needs and ensuring sustainable funding for programmes. There are three main sources of funding for reproductive, maternal, newborn and child health in *Countdown* countries: government expenditures, external expenditures (resources provided by development partners as official development assistance) and private spending (of which out-of-pocket expenditure is typically the largest component).



## Looking ahead: adopting policies to scale up effective interventions in Sub-Saharan Africa

Many of the 40 *Countdown* countries in Sub-Saharan Africa are adopting reproductive, maternal, newborn and child health policies to address challenges arising from weak health systems by authorizing task shifting and community based delivery strategies. Community health workers are now authorized to manage pneumonia in 24 countries and to conduct postnatal home visits in the first week of life in 18 countries (see figure). Midwives in 24 countries are authorized to administer a core set of lifesaving interventions during and after childbirth that were previously limited to more highly trained cadres such as doctors (see annex C for a list of these interventions). Although these findings are encouraging, policies are still not in place for about half of *Countdown* countries in the region. Only five countries (Ethiopia, Ghana, Malawi, Rwanda and Senegal) have adopted all four policies, signalling a clear need for advocacy efforts to generate greater political commitment to reproductive, maternal, newborn and child health in the region.

### Status of four key reproductive, maternal, newborn and child policies in Sub-Saharan Africa



Source: See annexes A and C.

### The financial picture: paying for reproductive, maternal, newborn and child health services

Median per capita health expenditure in 68 *Countdown* countries with available data is \$104 (in 2010 international dollars), including expenditure funded by external sources (figure 17),<sup>35</sup> up from \$80 in 2007. Government health expenditure as a share of total government expenditure is less than 10% in more than 40 *Countdown* countries and has not changed across *Countdown* countries since 2007,<sup>36</sup> with those in Latin America and the Caribbean and West and Central Africa generally showing decreases. Out-of-pocket expenditures account for less than 15% of total health expenditure in just 5 countries, indicating that many households in *Countdown* countries are at increased risk of financial catastrophe and impoverishment due to health care costs.<sup>37</sup>

Governments can increase access and reduce financial barriers for reproductive, maternal, newborn and child health services through pro-poor legislation (for example, expanding fully or partially subsidized prepayment schemes, removing user fees and other financial barriers to access, instituting conditional cash transfer schemes, creating universal health systems and the like) and adequate

funding for reproductive, maternal, newborn and child health, including from domestic resources.<sup>38</sup>

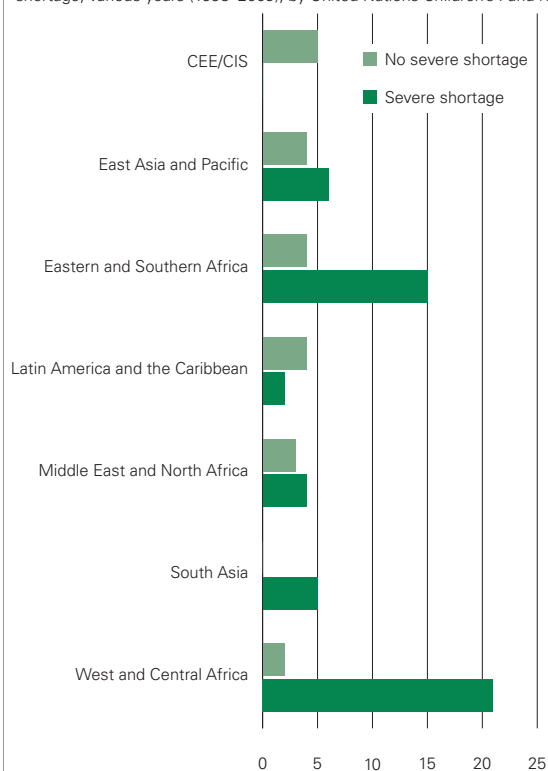
Many *Countdown* countries have introduced reforms and new financing mechanisms to improve service access and financial risk protection. For example, Ghana made maternal health services in accredited facilities free starting in 2008.<sup>39</sup> Vietnam exempted fees for services for poor mothers in 2003 and for children in 2009.<sup>40</sup> Both countries also introduced large scale prepayment schemes that emphasize cross-subsidization between different populations to reduce out-of-pocket payments and augment funding for improving the quality and availability of health services, including reproductive, maternal, newborn and child health services. These examples show how women and children can benefit directly from government commitment to achieving universal coverage.

The Commission on Information and Accountability for Women's and Children's Health's (2011) *Keeping Promises, Measuring Results* highlighted the importance of tracking domestic expenditure on reproductive, maternal, newborn and child health. For many *Countdown* countries domestic spending exceeds official development

FIGURE 16

### African countries are experiencing a severe health workforce shortage

Number of 74 *Countdown* countries with data that have a severe health workforce shortage, various years (1998–2009), by United Nations Children's Fund region



Note: A severe health workforce shortage is defined as an aggregate density of physicians, nurses and midwives below 2.3 per 1,000 people.

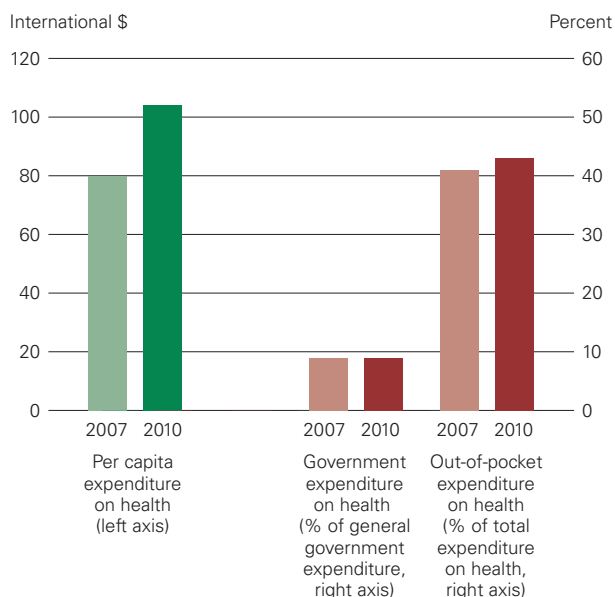
Source: World Health Organization Global Health Workforce Statistics, 2011 Update (<http://apps.who.int/globalatlas/>).

assistance flows, especially when out-of-pocket expenditures are considered. Recent evidence on domestic spending on reproductive, maternal, newborn and child health in many *Countdown* countries is not readily available, however, and comparisons across large numbers of countries are still not possible. Several international agencies, including WHO and UNFPA, are working with countries to develop such evidence in different regions. *Countdown* is working with its partners to support countries and the international community in improving the tracking of both external and domestic resources for maternal, newborn and child health as part of the Accountability Agenda follow-up process. *Countdown* is committed to helping building the capacity of countries to estimate and use indicators of per

FIGURE 17

### National resources invested in reproductive, maternal, newborn and child health

Financing indicators, median *Countdown* countries with data



Source: See annexes A and C.

capita expenditure on total health and maternal, newborn and child health expenditures by source of financing to accelerate progress towards Millennium Development Goals 4 and 5.

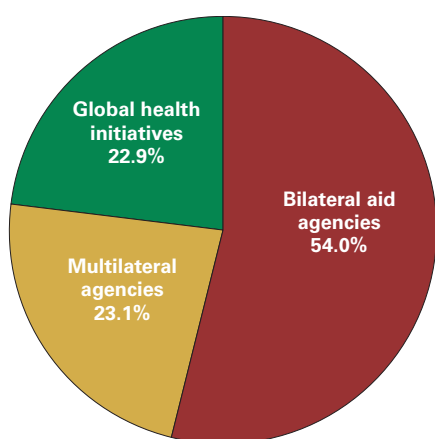
*Countdown* data on official development assistance to maternal, newborn and child health goes back to 2003,<sup>41</sup> and this report presents updated data for 2009. *Countdown* expects to release data for 2010 and a new analysis of official development assistance for reproductive health later in 2012. Monitoring official development assistance supports evidence-based decisionmaking and strengthens accountability for commitments by development partners to maternal, newborn and child health. Data on actual spending provide a benchmark of the financial resources available and can be used to estimate the additional investments required to achieve Millennium Development Goals 4 and 5. Breakdowns of official development assistance by source and recipient that highlight whether funds are being allocated to the countries most in need of external support can improve allocation and efficient use (box 12). More detailed analyses, such as by programme (for example, malaria) or recipient group (for example, newborns), have been undertaken and are needed for accountability. These analyses rely on the quality

## Official development assistance flows for maternal, newborn and child health

### From whom?

In 2009 the United States was the largest source of official development assistance for maternal, newborn and child health, followed by the Global Fund to Fight AIDS, Tuberculosis and Malaria and the International Development Association of the World Bank (see figure 1).

**Figure 1. Official development assistance for maternal, newborn and child health was \$4.5 billion in 2009**

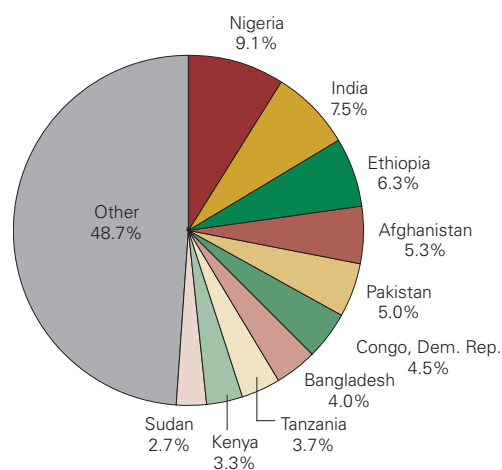


Source: Creditor Reporting System Aid Activities Database of the Organisation for Economic Co-operation and Development Development Assistance Committee.

### To whom?

In 2009 approximately three-quarters of official development assistance for maternal, newborn and child health went to the 75 *Countdown* countries, with Nigeria and India receiving the most (see figure 2). The amount varies widely across countries and is not always in proportion to need. Total official development assistance has been concentrated in Sub-Saharan Africa and South Asia, especially in countries with large numbers of mothers and children.

**Figure 2. Ten countries received more than 50% of official development assistance for maternal, newborn and child health in 2009**



Source: Creditor Reporting System Aid Activities Database of the Organisation for Economic Co-operation and Development Development Assistance Committee.

of donor reporting, suggesting that greater specificity in official development assistance tracking depends on improving and adhering to donor reporting mechanisms. For example, a recent analysis found that only 0.1% of total official development assistance for maternal, newborn and child health was used for projects whose description explicitly mentioned interventions to reduce neonatal deaths. The lack of specificity in official development assistance reporting makes it unclear whether this finding indicates a need for improvement in project descriptions, for increases in official development assistance for neonatal interventions or for a combination of both.

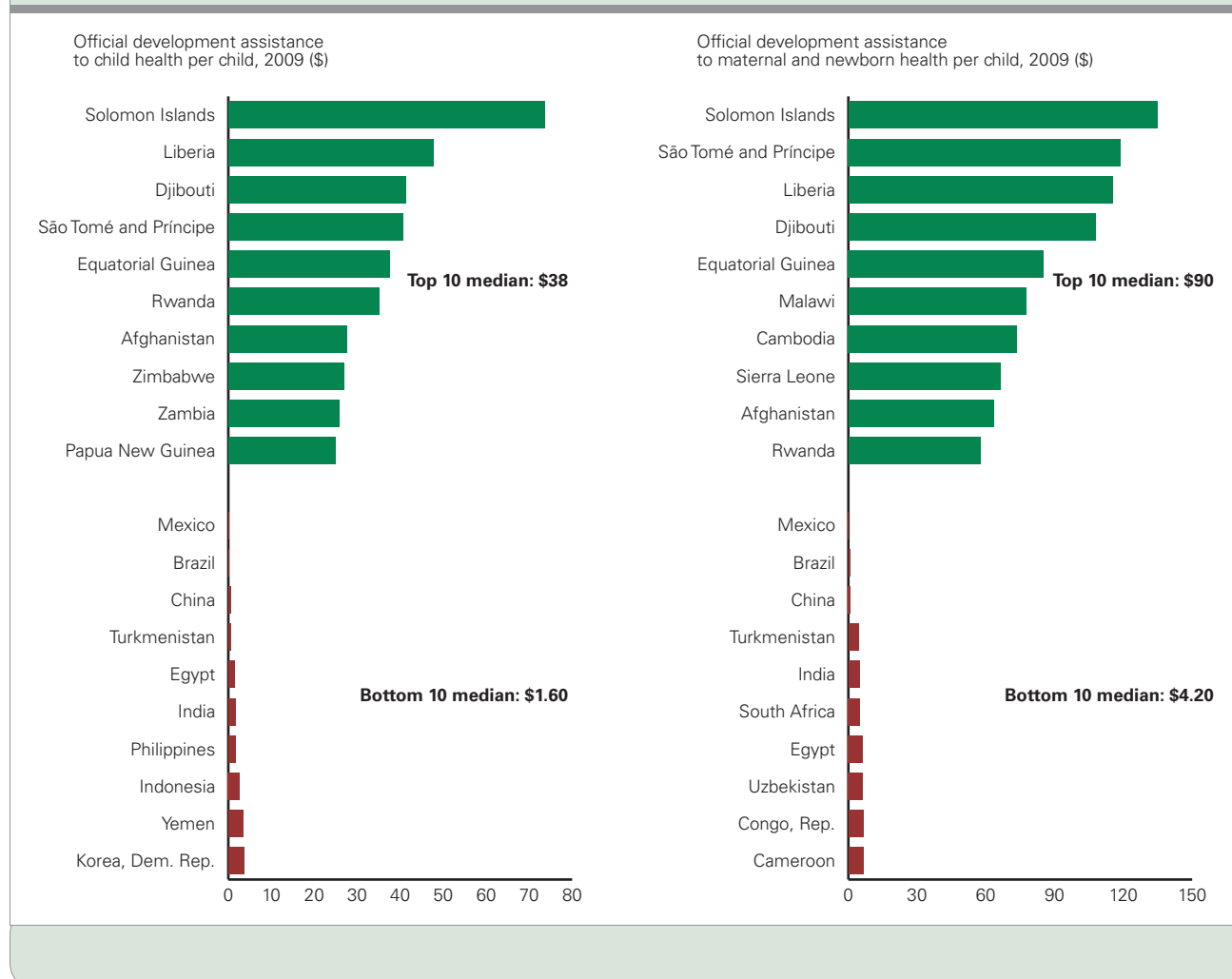
Official development assistance for maternal, newborn and child health in *Countdown* countries has increased steadily over the past decade and accounted for about 40% of official development assistance to health in 2009. The 2009 data suggest that the rate of increase is levelling off. Total official development assistance to maternal, newborn and child health for *Countdown* countries was \$4.51 billion in 2009, of which \$3.15 billion (69.8%) went to child health and \$1.36 billion (30.2%) went to maternal, neonatal and newborn health, up 14.1% in real terms from 2008. Compare this with increases of 17.1% from 2006 to 2007 and 21.2% from 2007 to 2008.

Official development assistance for child and maternal and newborn health varies widely across *Countdown* countries, even after adjusting for the size of the vulnerable population. For example, in 2009 official development assistance per child ages 0–5 averaged \$1.60 for the 10 countries receiving the least official development assistance and \$38 for the 10 countries receiving the most (figure 18). Similarly, for maternal and newborn health the average was \$4.18 per live birth for the 10 countries receiving the least official development assistance and \$90 per live birth for the 10 countries receiving the most. Of the 10 countries that receive the most official development assistance for child health, 7 are also among the 10 countries that receive the most official development assistance for maternal and newborn health; 6 countries are among the 10 countries that receive the least official development assistance for both child health and maternal and newborn health.

Assessing the targeting of official development assistance relative to need reveals that factors other than need influence allocations to countries (see figure 18). More-populated *Countdown* countries often received more official development assistance for maternal, newborn and child health in absolute terms. When adjusted for the size of the vulnerable populations, however, received funds show a different picture. For example, in 2009 India received the third most official development assistance for child health in absolute terms, but the amount received per child ages 0–5 was \$1.58, compared with \$12.28 in Nigeria and \$17.88 in Ethiopia, the two recipients of the most official development assistance for child health in absolute terms. For maternal and newborn health India received the most official development assistance in absolute terms but only \$4.89 per live birth, compared with \$14.24 in Nigeria, which received the second most official development assistance

FIGURE 18

**Resource profiling: *Countdown* countries receiving the most and least official development assistance**





for maternal and newborn health, and \$27.24 per live birth in Ethiopia, which received the fourth most. Afghanistan received the third most official development assistance, or nearly \$63.40 per live birth. These examples show that absolute values alone do not accurately portray how official development assistance flows benefit individual mothers, newborns and children in *Countdown* countries, a situation complicated by important subnational inequities by urban-rural location, region of the country and socioeconomic groups.

### Context matters: coverage and mortality change in the real world

Changes in the coverage of essential interventions happen within specific political, social, economic, epidemiological and environmental contexts (see figure 1). Many contextual factors are modifiable and reflect current unfair and avoidable health and other inequities within and between countries. Poverty and poor environmental conditions, for example, place families at higher risk of mortality

#### BOX 13

### Conflict threatens the health of women and children

Conflict is a major threat to reproductive, maternal, newborn and child health. War affects not only the people in the countries directly involved, but also the people in neighbouring countries due to displacement and movement across borders. Armed and violent conflict can severely impair country ability to deliver basic health and other services.

The Uppsala Conflict Data Program<sup>1</sup> uses a definition of conflict as the use of armed force between two parties, at least one of which is the government of a state, resulting in at least 25 battle-related deaths to determine conflict status. The results for 1991–2000 and 2001–2010 indicate that of 58 *Countdown* countries:

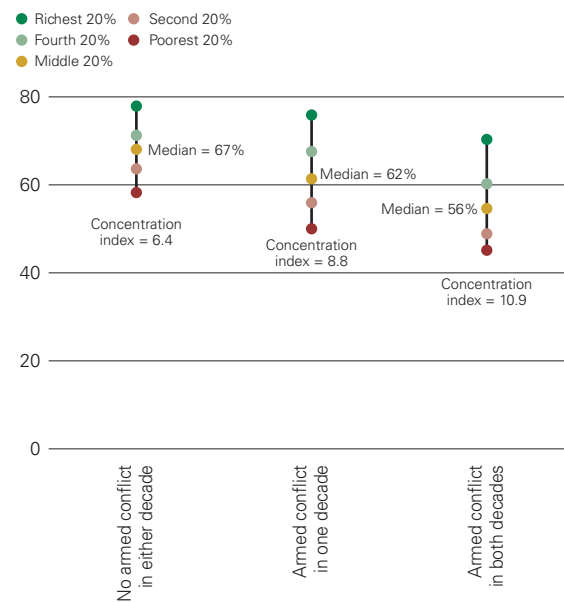
- 21 had no conflict in either decade.
- 12 had one or more conflicts in one of the two decades.
- 25 had at least one conflict in both decades.

*Countdown* has used these data to investigate the relationship between conflict and country progress in achieving high and equitable coverage of proven interventions (as measured by the composite coverage index; see section on coverage). The figure shows both the median composite coverage score for groups of countries with no conflict, conflict in one decade and conflict in both decades as well as median scores for countries in each group on the concentration index, a widely used measure of inequity. Higher concentration index scores indicate greater inequity. Conflict is associated not only with lower coverage, but also with greater socioeconomic inequities in coverage. Longer conflicts (for example, those longer than two decades) may have compound negative effects on coverage and equity. In addition, average child mortality in 2010 was higher in countries with conflict during the two previous

decades (99 deaths per 1,000 live births) than in countries with conflict during one

### Conflict prevents progress in achieving high and equitable coverage

Composite coverage index, by wealth quintile, concentration index and armed conflict status, 55 countries with available data (%)



Source: Uppsala University, Uppsala Conflict Data Program, [www.pcr.uu.se/research/ucdp/datasets/ucdp\\_prio\\_armed\\_conflict\\_dataset/](http://www.pcr.uu.se/research/ucdp/datasets/ucdp_prio_armed_conflict_dataset/).

of the two decades (93 deaths per 1,000 live births). Countries without conflict had the lowest under-five mortality rate (70 deaths per 1,000 live births).

#### Note

1. [www.pcr.uu.se/research/ucdp/datasets/ucdp\\_prio\\_armed\\_conflict\\_dataset/](http://www.pcr.uu.se/research/ucdp/datasets/ucdp_prio_armed_conflict_dataset/).

through reduced ability to pay for health care services and increased exposure to inadequate housing, water and sanitation, food supplies, education and employment opportunities. Conditions of poverty can be compounded by natural disasters, conflict and other emergencies that destroy or increase pressure on already weak health care infrastructure and displace people (box 13). Gender discrimination and other societal factors such as early age at marriage and childbearing can also contribute to poor maternal, newborn and child health outcomes.

A range of cross-sectoral measures are available to remedy broader contextual challenges to progress. Expanding access to education, introducing gender-based affirmative action policies, adopting a human rights framework and adopting efforts to improve living and working conditions such as water and sanitation supplies (box 14) can all make a difference. Political commitment to reproductive, maternal, newborn

and child health and strong leadership are also critical to ensuring access to care.

Other contextual factors that play a role in maternal and child health and nutrition include education, environmental factors, such as water and sanitation, pollution and climate. *Countdown* maintains data on coverage of water and sanitation (see box 14) but does not have direct indicators of the potential effects of education, pollution or climate change at present. *Countdown* recognizes their importance for the futures of women and children.<sup>42</sup>

It is notable that some countries—such as Pakistan (box 15)—have been able to maintain and even strengthen reproductive, maternal, newborn and child health programmes despite important contextual disruptions and challenges. In some situations the breakdown of existing systems can even provide an opportunity to create new and more supportive policies and programmes for women and children.

#### BOX 14

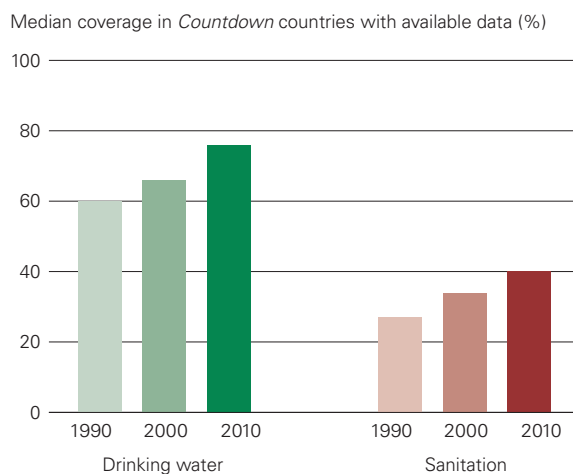
### Water and sanitation: countries reach targets!

Good news! Median coverage of improved sources of drinking water in *Countdown* countries increased from 60% in 1990 to 76% in 2010 (see figure). Of 69 *Countdown* countries with available trend data, 23 have met the Millennium Development Goal target on proportion of the population using an improved drinking water source, and 16 are on track. However, 24 countries are not on track, and 6 are making insufficient progress. Coverage continues to be much higher in urban areas than in rural areas: in the 72 *Countdown* countries with available disaggregated data for 2010, median coverage was 91% in urban areas compared with 64% in rural areas.

Median coverage of improved sanitation facilities remains low across *Countdown* countries but has increased markedly, from 27% in 1990 to 40% in 2010 (see figure). Ten countries have achieved the Millennium Development Goal target on the proportion of the population using an improved sanitation facility, and ten are on track. But the majority are not on track (47 countries) or are making insufficient progress (3 countries). Urban-rural inequities in coverage of improved sanitation facilities are also pronounced. In 72 *Countdown* countries with available disaggregated data for 2010, median coverage was 55% in urban areas compared with 31% in rural areas.

These data show that it is possible for *Countdown* countries to achieve rapid gains in coverage of improved water sources and sanitation facilities. Countries need to continue efforts to reach households in rural and other underserved areas and to concentrate on scaling up access to improved sanitation facilities.

### Coverage of improved drinking water sources and sanitation facilities has improved since 1990



Source: WHO and UNICEF Joint Monitoring Programme on Water Supply and Sanitation 2012.

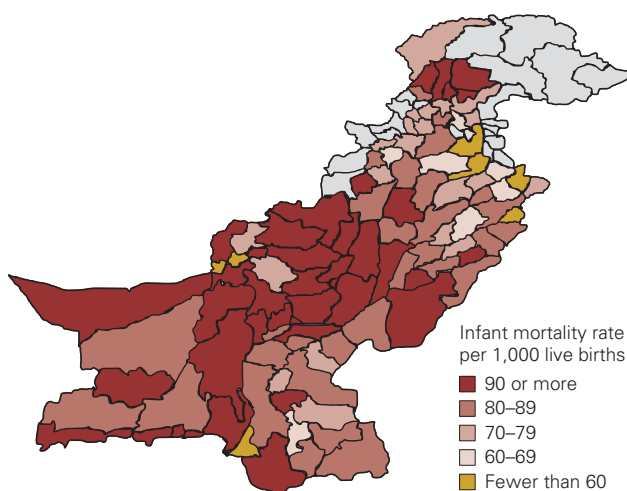
**BOX 15****Pakistan: delivering services under pressure**

Pakistan lies at the centre of one of the most volatile geopolitical regions of the world. In its 65 year history the country has experienced three military coups and three full-scale wars with India, the most recent of which occurred in 1971 and ended in the breakup of the country into the current Pakistan and Bangladesh. The debilitating Afghan wars following the Russian invasion of 1979 and the U.S.-led invasion of 2001 have resulted in smouldering conflict and insurgency in the northwest and the federally administered tribal areas. Pakistan's population has grown from 27 million at the time of independence in 1947 to an estimated 187 million people in 2011, a third (36.7%) of whom are under age 14. Pakistan has hosted millions of Afghan refugees over the last three decades and endured major humanitarian emergencies in recent years, including an earthquake (2005) and massive floods (2010 and 2011).

Progress in maternal, newborn and child health indicators in Pakistan has been insufficient to reach the Millennium Development Goals (see table 1 in the main text). There is considerable variation across provinces and the federally administered tribal areas in resources, access to services and development. The most recent Demographic and Health Survey (2006–07) did not have province-level specificity, but information from a series of provincial level surveys suggests huge differentials in infant mortality between districts (see map). Despite the country's agrarian economy, a 2011 national nutrition survey suggests that a quarter to a third of households are moderate to severely food insecure and that rates of anaemia among women of reproductive age and of child stunting and wasting have remained static over the last three decades. Findings from the 2006–07 Demographic and Health Survey also indicate that despite some reduction in post-neonatal infant and child mortality since 1991, the number of newborn deaths has remained largely unchanged, and they now account for half of child deaths. Some 57% of neonatal deaths occurred within the first 72 hours after birth; the vast majority were within the first 24 hours. Coverage of many reproductive, maternal, newborn and child health interventions remain unacceptably low, as shown in the country profile. The composite coverage index, an average of eight essential reproductive, maternal, newborn and child health interventions, is only 56% for the country as a whole, with huge differentials between the poorest

and richest subgroups (see figure). Insufficient vaccination coverage makes Pakistan one of the last three countries to have reported endemic polio, with 198 cases in 2011.

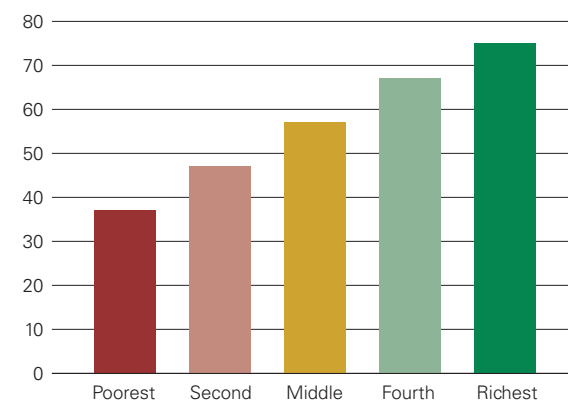
### Subnational variations in infant mortality illustrate diversity



Source: Pakistan Multiple Indicator Cluster Surveys.

### High socioeconomic inequity in coverage of interventions for maternal, newborn and child health in Pakistan

Composite coverage indicator by wealth quintile, Pakistan, 2005–06



Source: Pakistan Demographic and Health Surveys 2005–06.

The recent disbandment of the federal health ministry following the 18th constitutional amendment has placed a huge responsibility on provinces for planning and action on public health, especially reproductive,

(continued)

**Pakistan: delivering services under pressure**

maternal, newborn and child health. Despite opportunities for concerted action, challenges of governance, oversight and implementation of evidence-based policies remain. There may also be opportunities to integrate services at all levels—for example, in family planning and health, under separate ministries. A recent assessment of provincial strategies for reproductive, maternal, newborn and child health underscored the unique opportunities for implementing evidence-based intervention packages across the continuum of care. Recent estimates suggest, for example, that

implementing targeted packages at scale through the Lady Health Workers programme linked to first- and second-level facilities could reduce under-five mortality 57% over the next few years, especially among the poorest quintiles and rural populations.<sup>1</sup> Other estimates indicate that full coverage of interventions could reduce newborn deaths by 84% and stillbirths by 59%.

**Note**

1. Khan and others forthcoming.

***The bottom line: coverage gains but no room for complacency***

In summary, the 2012 *Countdown* results on coverage are encouraging—and show that progress is possible! Some countries are setting an example of what can be achieved – for one or two interventions, or better yet for multiple interventions across the continuum of care and requiring functioning health systems. But much remains to be done, not only before 2015 but in

the years that follow. Coverage is still much too low for interventions that require 24 hour access to trained health personnel; efforts to deliver these interventions at the community level are expected to increase rapidly in the next few years. Equity in coverage remains a challenge for many countries, and quality is only now beginning to receive the attention it deserves. The next section of the report builds on these findings to examine the kinds of progress needed to prevent unnecessary deaths among women and children.





# Milestones of progress on the path to success



Many interrelated factors contribute to or detract from country ability to expand coverage of essential services to women, newborns and children and achieve Millennium Development Goals 4 and 5. Assessing country progress requires looking at and beyond the numbers to identify the actions needed for success.

Results matter. Countries and their development partners need to regularly take stock of how well they are increasing equitable coverage, improving nutrition and decreasing mortality and morbidity. These changes do not occur in a vacuum, and understanding how and why they occur is essential for sustaining and bringing improvements to scale. The country profiles in this report can be a starting point for critical questions about what a country is doing well and where more effort is needed.

This section examines four types of success: ensuring that all determinants of coverage are in place to make possible high coverage with lifesaving interventions, assessing whether inequities in coverage are being reduced, identifying and promoting effective interventions and ensuring that these interventions are delivered with high quality.

An essential step is to carry out in-depth country case studies so that lessons learned can be shared and adapted to other settings (box 16).

## *Equity matters!*

A second avenue for assessing country progress, and one highlighted in the Commission on Information and Accountability for Women's and Children's Health (2011) report *Keeping Promises, Measuring Results* is determining how well countries are decreasing inequities and reaching the most vulnerable population groups (box 17).

## *Better evidence of what works*

Accountability depends on good data. Countries need regularly available, high-quality data for

routine programme management as well as for monitoring and evaluation. Many *Countdown* countries are establishing the foundations of a sound health information system—a supportive policy and legal framework, a comprehensive national health plan, well designed coordination and oversight mechanisms, and sufficient human and financial inputs. Investment is needed to improve national capacity to measure and report on core coverage, equity, policy, health systems and financing indicators through an optimal combination of household surveys, facility reports, censuses, vital registration systems, national health accounts and other essential sources of data. Equal attention is needed to develop the capacity of decisionmakers to act on available evidence by allocating resources according to need and by strengthening policy and programme implementation.

Better measurement of core indicators is critical both to improve data quality and to support countries in using evidence effectively to make decisions. Many technical groups are working to improve the measurement of coverage and mortality, including the Child Health Epidemiology Reference Group and interagency reference groups such as the Maternal Mortality Estimation Interagency Group and the Malaria Monitoring and Evaluation Reference Group.

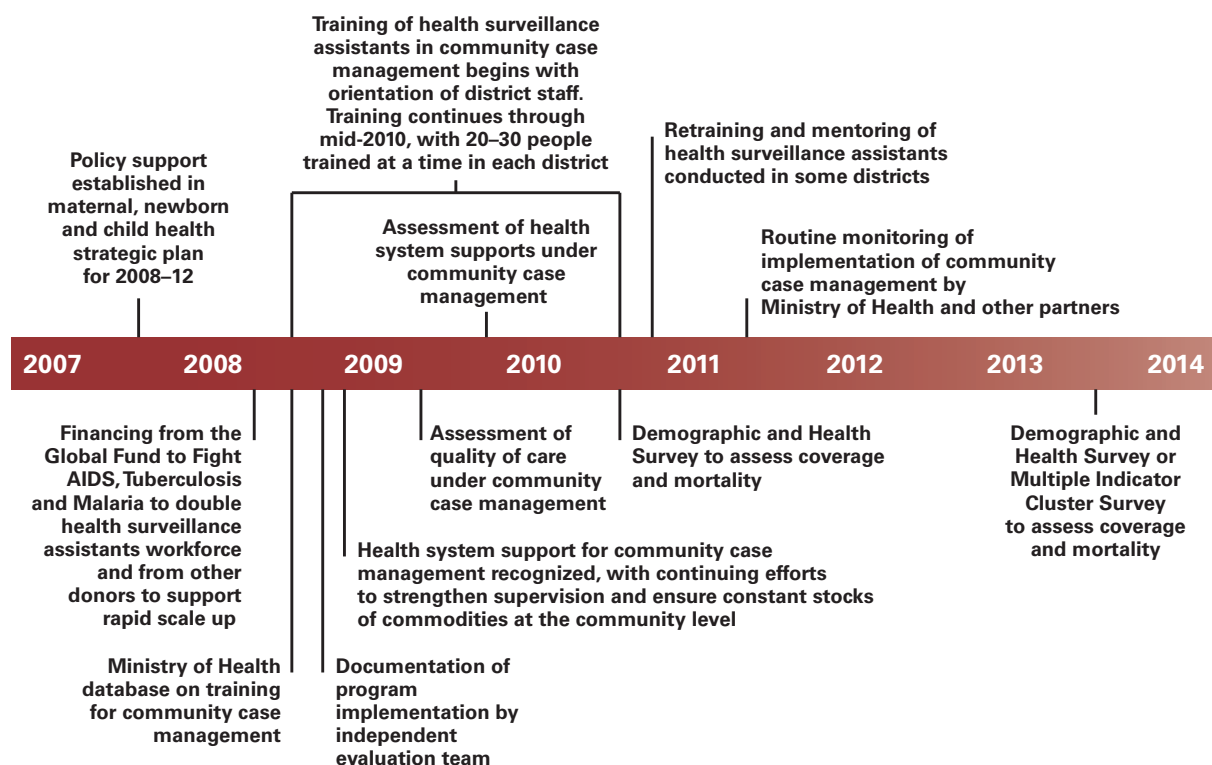
The scientific community has a responsibility to continue advancing the knowledge base on what works and on how to deliver what works in different contexts. A joint PMNCH, WHO and Aga Khan University (2011) report, *Essential Interventions, Commodities and Guidelines for Reproductive, Maternal, Newborn, and Child Health*, compiled and reviewed the evidence needed to reach consensus on the basic packages of reproductive, maternal, newborn and child health services for delivery at each level of the health system (community, first level/ outreach and referral) across the continuum of care.<sup>43</sup> The report recommends 56 essential interventions to be scaled up as basic service packages at national level (annex D), identifies research gaps in the

## The *Countdown* model at the country level: community case management of childhood illness in Malawi

*Countdown* focuses not only on coverage, but also on the policy, health systems and financial determinants of coverage (see figure 1 in the main text). The evolution of integrated community case management of childhood pneumonia, diarrhoea and malaria in Malawi illustrates the importance of all these factors

and the role that monitoring and evaluation can play in shaping country programmes. Figure 1 shows the timeline of community case management introduction in Malawi; key milestones and the sources of evidence used by the Ministry of Health and its partners to strengthen the programme are highlighted below.

**Figure 1. Timeline for implementation and monitoring and evaluation of community case management in Malawi**



### Policy

The Malawi Health Sector Reform Program of Work for 2004–10 identified community health workers (health surveillance assistants) as a cornerstone of the health system. Salaried members of the health workforce in place for 20 years, health surveillance assistants were given a broader role in delivering primary care services, including treatment of common childhood illness at community level, in the 2008–12 plan.<sup>1</sup> In 2009 the Ministry of Health adopted national guidelines and training materials for integrated community management of childhood illness.<sup>2</sup> This served as the

basis for a rapid scale-up of functional village health clinics in hard-to-reach areas, with trained health surveillance assistants able to assess sick children, refer those with signs of serious illness and treat diarrhoea, malaria and pneumonia.

### Financing

A 2008 grant from the Global Fund to Fight AIDS, Tuberculosis and Malaria enabled the government to double (to 10,000) the size of the health surveillance assistant workforce. Development partners agreed to support implementation of community case

(continued)

## The Countdown model at the country level: community case management of childhood illness in Malawi

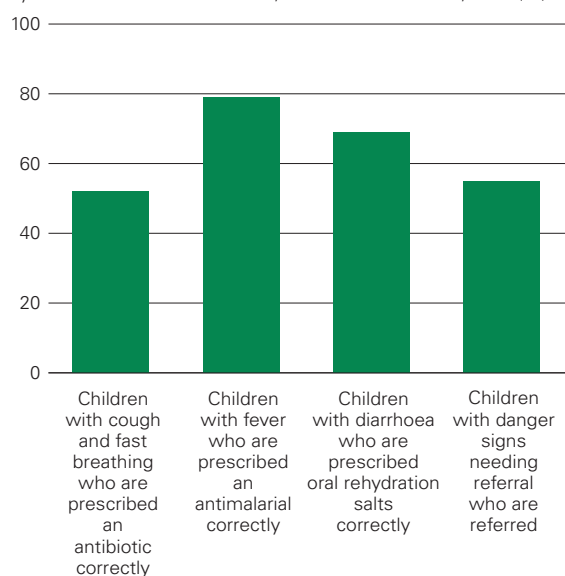
management, under Ministry of Health direction, in all 28 districts.

### Quality of care provided by community case management-trained workers

In 2009, shortly after the initial rollout of community case management training in selected districts, the Ministry of Health requested an assessment of the quality of care being provided by the health surveillance assistants.<sup>3</sup> The results showed that 63% of children with confirmed fever, cough with fast breathing or diarrhoea were treated correctly (figure 2), close to levels of correct treatment in previous studies in similar settings. Inadequate drug stocks contributed to inappropriate treatment of children presenting with fever and diarrhoea (figure 3). The study identified the most common errors in assessment and treatment, and the Ministry of Health used these findings as a basis for strengthening supervision systems and reinforcing areas of performance weakness in retraining and mentoring programmes.

### Figure 2. Treatment of sick children by community case management-trained health surveillance assistants in six districts in Malawi

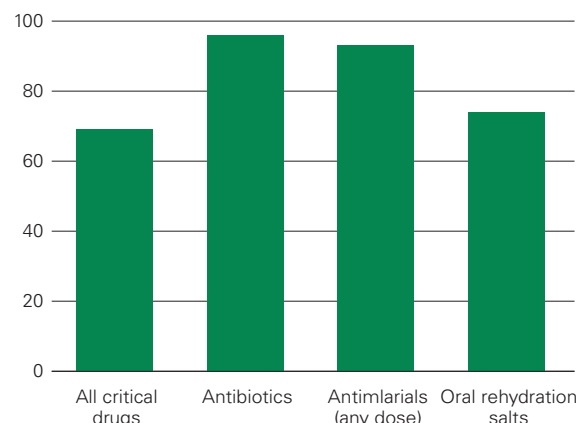
Children for whom specific case management tasks were performed by health surveillance assistants, six districts in Malawi, 2009 (%)



Source: Nsona and others 2011.

### Figure 3. Drug availability varies by type

Health surveillance assistants with drugs available on the day of the survey, six districts in Malawi, 2009 (%)



Source: Nsona and others 2011.

### Health system supports

A companion assessment of health systems support<sup>4</sup> and a qualitative study of perceptions about community case management by health surveillance assistants and district health managers<sup>5</sup> provided further inputs to ongoing planning. The findings were positive, but the assessments revealed problems with supervision and drug supply. In response to these findings, district managers developed innovative solutions, including training new cadres of supervisors and introducing innovative methods to complement supervision with refresher training and mentoring. For drugs, a new system of tracking community case management commodities was established.

### Context matters!

Reproductive, maternal, newborn and child health programmes are affected by the broader environment, including the political, economic, social, technological and environmental factors that affect the strength of implementation and effectiveness of interventions. In Malawi a severe fuel shortage since 2008 has had important negative consequences for the community case management programme—limiting travel for health surveillance assistants and supervisors, slowing the delivery of drugs and contributing to power outages and an economic downturn.<sup>6</sup>

(continued)

BOX 16 (CONTINUED)

### The *Countdown* model at the country level: community case management of childhood illness in Malawi

#### Monitoring and evaluation as tools in effective programme management

The Malawi community case management programme has effectively used monitoring and evaluation, including routine tracking of programme activities and periodic assessments and surveys, to establish a process of continuous programme improvement. The policy foundation for community case management, coupled with adequate financing and attention to health systems supports, has supported a strong initial rollout. The results of these efforts (and the potential negative effects of the fuel

crisis) will be measured in a national household survey planned for mid-2013 to measure the proportions of children under age 5 with fever or malaria, presumed pneumonia and diarrhoea who receive lifesaving treatment.

#### Notes

1. Malawi Ministry of Health 2007.
2. Government of Malawi, WHO and UNICEF 2008.
3. Nsona 2011.
4. Callaghan 2011.
5. Callaghan-Koru and others forthcoming.
6. Malawi Energy Regulatory Authority n.d.

BOX 17

### Success means reaching the poor

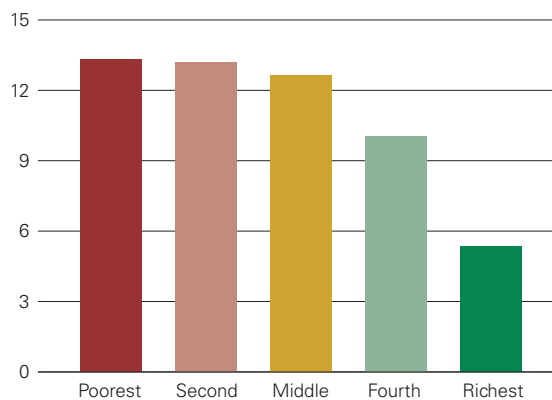
An examination of changes in equity of coverage over time in 28 *Countdown* countries with at least two surveys since 2000 (with a median of five years between surveys) that had data by wealth quintile found that the 11 countries with rapid change (an increase of 7 percentage points or more between surveys) in the composite coverage index were particularly successful at improving coverage among the poorest (see figure). This was not the case for countries with moderate (an increase of 2–6.9 percentage points between surveys) or no change (an increase of less than 2 percentage points). It could be argued that women and children in the wealthiest quintile in the rapid change group had already reached such high coverage that no further increases were possible, but this was not true because average coverage in the first survey was 72%, leaving substantial room for increase.

These findings yield an important policy message: increasing coverage at the national level depends on

how well the poorest groups in the population are being reached.

#### Increasing coverage at the national level requires targeting the poorest groups

Change in composite coverage index, by wealth quintile, 11 *Countdown* countries with the fastest coverage gains since 2000 (percentage points)



Source: Demographic and Health Surveys and Multiple Indicator Cluster Surveys.



content of the basic service packages and serves as an important starting point for helping countries prioritize specific interventions and service delivery strategies (based on their current disease burden and health system functionality). A companion report on the essential supportive policies required for scaling up these essential interventions is under preparation.

### *Progress in perspective: increasing the quality of services delivered*

*Countdown* recognizes that coverage gains will translate into improved maternal, newborn and child health only if services are delivered at a

level of quality that will lead to impact (box 18). *Countdown* is expanding its efforts to examine the health system and other factors related to quality of care and will include more reporting on service quality in future publications.

There are different components of success, all of which are equally important: ensuring that policies and programmes are in place and being implemented, promoting equity in coverage, identifying and disseminating cost-effective interventions and ensuring that they are delivered with high quality.

#### BOX 18

#### Quality counts!

Increasing intervention coverage is important, but will result in mortality reduction only if interventions are delivered at adequate levels of quality. At the country level monitoring service quality is an essential part of program management. Standard indicators of quality and feasible measurement methods are needed to support these efforts.

WHO and partners have been working on indicators of the quality of care in maternal, newborn and child health services at the facility level. These indicators are intended for routine measurement, with the results used to improve services. The indicators cover health service readiness, audits, interventions actually received (for example, during family planning consultations, antenatal care visits, labour and childbirth and postnatal care visits) and other measures of service quality, including:

- Availability of trained personnel.
- Availability of essential drugs and commodities (such as vaccines, antibiotics, oxytocin, syphilis and HIV tests, rapid malaria tests, oral rehydration solutions and the like).
- Interventions received by women and children (such as oxytocin for women in the third stage of labour to prevent haemorrhage and oral rehydration solutions and zinc for children with diarrhoea and dehydration).
- Maternal (and where feasible, perinatal) death reviews.
- Other indicators of quality of care (such as the fresh stillbirth<sup>1</sup> rate).
- Maternal or parent satisfaction with services received.

Standard methods for assessing the quality of Integrated Management of Childhood Illness in health facilities have been available for many years and are used by countries

to monitor progress and improve programmes.<sup>2</sup> Figure 1 compares results on the performance of first-level health workers in conducting an integrated assessment of the sick child, using a summary index based on 10 assessment tasks that health workers should complete for every child under age 5 who presents for care.<sup>3</sup> These and similar results are used by ministries of health and their partners to improve the effectiveness of their Integrated Management of Childhood Illness training and supervision. Methods have also been developed to assess the quality of child health care delivered at the community level as a part of the Catalytic Initiative to Save a Million Lives, an international partnership aimed at strengthening health systems to accelerate progress towards Millennium Development Goals 4 and 5. The tools have been used in Ethiopia and Malawi (see box 16) and are available for adaptation and use in other settings.<sup>4</sup>

More recently, methods have been developed to assess the quality of care during pregnancy and around the time of childbirth. Facility surveys conducted in representative samples of health facilities in Ethiopia, Kenya, Madagascar, Rwanda and Tanzania (mainland and Zanzibar) with support from the USAID-supported Maternal and Child Health Integrated Program assessed various indicators (figure 2).<sup>5</sup> The results are being used by the ministries of health in these countries and their partners to improve the supply chains for essential drugs and commodities.

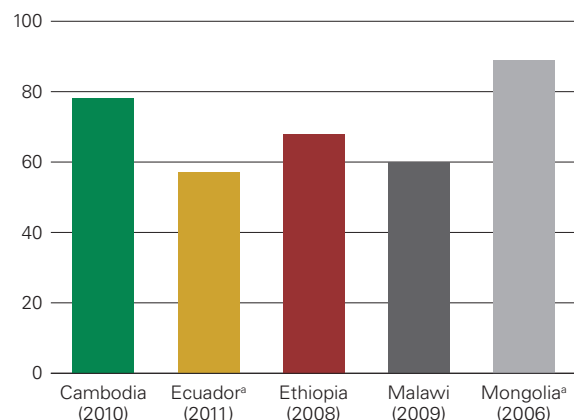
*Countdown* will continue to participate in efforts to improve measurement of quality of care indicators and to develop feasible, routine measurement methods that produce results representative of services received by the population.

(continued)

## Quality counts!

**Figure 1. Assessing the quality of child health care using Integrated Management of Childhood Illness health facility surveys**

Index of integrated assessment of sick children under age 5 presenting for care at public health facilities (%)



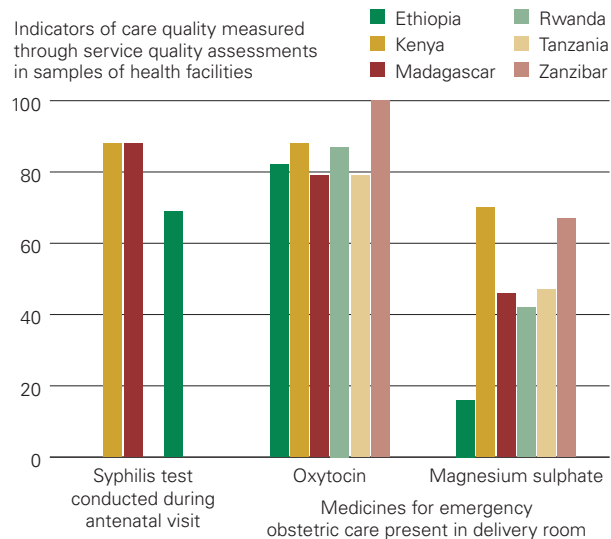
a. Not a *Countdown* country; data shown to reflect variability in IMCI assessments.

### Notes

1. A fresh stillbirth is a death that occurs immediately before or during labour or childbirth.
2. [www.who.int/imci-mce/Methods/HF\\_survey.htm](http://www.who.int/imci-mce/Methods/HF_survey.htm)
3. Health facility surveys to assess the quality of care delivered to children first-level facilities conducted by ministries of health in collaboration with UNICEF, WHO and selected partners, 2006–11.

**Figure 2. Quality of care indicators for services during pregnancy and childbirth**

Indicators of care quality measured through service quality assessments in samples of health facilities



*Note:* The indicators shown here are those for which data were available for at least three countries. They do not represent the full spectrum of quality measures.

4. See [www.jhsph.edu/dept/ih/IIP/projects/catalyticinitiative.html](http://www.jhsph.edu/dept/ih/IIP/projects/catalyticinitiative.html) for a report on the application in Malawi and the survey protocols and tools.
5. [www.mchip.net/resources](http://www.mchip.net/resources) and [www.mchip.net/QoCMCHIPsurveys](http://www.mchip.net/QoCMCHIPsurveys).

# Accountability now for Millennium Development Goals 4 and 5



Many lives are being saved in *Countdown* countries through increased access to effective, high-quality health services, nutrient-rich foods and improved water and sanitation facilities. However, the data show that more progress is needed. Progress depends on everyone—governments, development partners, public health researchers, professional societies, nongovernmental organizations, communities, the media and the private sector—working together to fulfil our commitments to women and children.

Accountability requires action. Together success can be achieved by making the following actions a reality:

## *Invest in saving women's and children's lives.*

- Advocate for increased funding for reproductive, maternal, newborn and child health at the global and national levels and support efforts to track and monitor funding.
- Make sure that global and national financing mechanisms support increased access to essential interventions and elimination of coverage gaps and inequities.
- Encourage alignment and harmonization by strengthening links across health financing mechanisms as called for by the Global Strategy for Women's and Children's Health, the Paris Declaration on Aid Effectiveness and the Accra Agenda for Action.
- Develop national and local strategies to reduce out-of-pocket spending for health.
- Support research to fill knowledge gaps on what works to improve maternal, newborn, and child survival and reduce stillbirths and preterm births.

## *Implement strategies to increase evidence-based decisionmaking.*

- Strengthen global and national processes for using available data for setting priorities, targeting and planning as well as monitoring and evaluation of policies and programmes.
- Strengthen civil registration, vital statistics and routine health information systems, including periodic household surveys.
- Monitor inequities in coverage and quality of essential reproductive, maternal, newborn and child health interventions within and between countries and develop locally appropriate strategies to address them.

## *Implement laws and policies to promote universal coverage.*

- Identify and implement solutions for gaps in the laws and policies needed to support the equitable delivery of essential reproductive, maternal, newborn and child health interventions.

## *Innovate to improve service delivery.*

- Promote technological and other innovations in service delivery strategies to increase coverage, reduce inequities and improve the quality of essential reproductive, maternal, newborn and child health interventions.
- Address supply chain problems, human resources shortages and other bottlenecks to the availability of essential services.
- Integrate the delivery of effective reproductive, maternal, newborn and child health interventions to maximize the number of women and children reached.

### *Inform and communicate to build effective partnerships.*

- Communicate what needs to be done, targeting decisionmakers, implementing agencies, advocates and others.
- Strengthen intersectoral links for implementation of essential reproductive, maternal, newborn and child health interventions (such as water and sanitation to reduce the risk of disease transmission, transportation systems to increase access to emergency care, agricultural programmes to ensure food security and education systems to increase health literacy).
- Build stronger links across key national planning and development agencies (planning commission, ministries of finances and the like).
- Use data on reproductive, maternal, newborn and child health to engage in global policy dialogue on sustainable development (for example, Rio +20, G8 and G20 processes, development of the post-2015 framework and the like).

### **Countdown to success: taking action at the global and country levels**

In keeping with the global Accountability Agenda set out by the Commission on Information and Accountability for Women's and Children's Health, *Countdown* is committed to annual reporting and analysis of country-specific information on the core Commission indicators and regular reporting on the full range of *Countdown* coverage, equity, health systems, health policies, and financing indicators.

*Countdown* recognizes that success in catalysing progress, ensuring accountability and helping the millions of women and children whose lives depend on access to effective health interventions will ultimately be measured by results in countries. *Countdown* is increasing its efforts to encourage and support countries to conduct their own country-level *Countdowns*, based on subnational profiles (by region, province or district) that are used to strengthen and stimulate political commitment and strategic planning. By engaging in a *Countdown* process, governments, parliamentarians, academics, civil society, media and other stakeholders can learn from successes and understand and develop solutions for remaining challenges in reaching high, equitable coverage of

effective reproductive, maternal, newborn and child health interventions in their countries.

Experience in several countries demonstrates that adopting a *Countdown* process can be a force for change. In 2006 Senegal became the first country to hold a national *Countdown* conference, bringing together government leaders, private and public partners and the academic community to develop a new child survival plan. Zambia held a national *Countdown* conference in 2008, resulting in important actions including a significant expansion of national capacity for midwife training. Nigeria has embarked on a national strategy, modelled on *Countdown*, that includes production of maternal and child health profiles for its 36 states, highlighting geographic inequities and opportunities to make concrete progress on coverage.

Because every country starts with its own unique set of baseline conditions, policy and planning approaches, health objectives and contextual factors, there is no single model for implementing a country *Countdown*. All *Countdown* processes, however, will:

- Be aligned with and linked to the existing national planning processes for reproductive, maternal, newborn and child health.
- Be organized and led by a broad range of in-country partners from multiple sectors, including academics, nongovernmental organizations, professional associations, parliamentarians and the private sector as well as the ministry of health, donors and UN agencies.
- Be focused on tracking coverage across subnational units for key, proven health interventions and on measuring equity of coverage across socioeconomic and demographic factors, including ethnicity, wealth, gender and geography.
- Engage national scientists and other academics in identifying critical indicators, compiling and assessing national and subnational data and objectively analysing the results
- Contribute to building country capacity to evaluate ongoing programmes and initiatives at the national and subnational levels.
- Produce profiles and reports to provide an ongoing report card on progress and remaining gaps.



- Culminate in a conference or other event to exchange ideas, develop consensus on objectives and action plans, attract media and public attention to women's and children's health issues and foster accountability

Technical support and guidance is available from *Countdown to 2015* and its members for countries wishing to initiate a country *Countdown* process.

A tool kit is being prepared for countries to use in planning and implementing national *Countdown* processes.

More information on activities, achievements, directions forward and how to get involved in *Countdown* is available at [www.countdown2015.mnch.org](http://www.countdown2015.mnch.org).



# Country profiles



The information summarized in the profiles is intended to help policymakers and their partners assess progress, prioritize actions and ensure accountability for national commitments to reduce maternal, newborn, and child mortality.

The following section contains profiles for the 75 *Countdown* countries:

Afghanistan  
Angola  
Azerbaijan  
Bangladesh  
Benin  
Bolivia  
Botswana  
Brazil  
Burkina Faso  
Burundi  
Cambodia  
Cameroon  
Central African Republic  
Chad  
China  
Comoros  
Congo  
Congo, Democratic Republic of the  
Côte d'Ivoire  
Djibouti  
Egypt  
Equatorial Guinea  
Eritrea  
Ethiopia  
Gabon  
Gambia, The  
Ghana  
Guatemala  
Guinea  
Guinea-Bissau  
Haiti  
India  
Indonesia

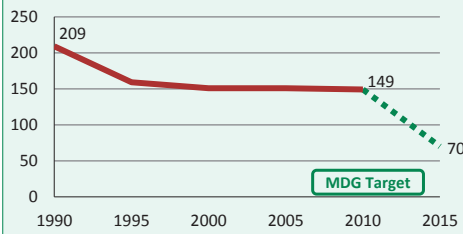
Iraq  
Kenya  
Korea, Democratic People's Republic of  
Kyrgyzstan  
Lao People's Democratic Republic  
Lesotho  
Liberia  
Madagascar  
Malawi  
Mali  
Mauritania  
Mexico  
Morocco  
Mozambique  
Myanmar  
Nepal  
Niger  
Nigeria  
Pakistan  
Papua New Guinea  
Peru  
Philippines  
Rwanda  
São Tomé and Príncipe  
Senegal  
Sierra Leone  
Solomon Islands  
Somalia  
South Africa  
South Sudan  
Sudan  
Swaziland  
Tajikistan  
Tanzania, United Republic of  
Togo  
Turkmenistan  
Uganda  
Uzbekistan  
Vietnam  
Yemen  
Zambia  
Zimbabwe

## DEMOGRAPHICS

Total population (000)	31,412	(2010)
Total under-five population (000)	5,546	(2010)
Births (000)	1,385	(2010)
Birth registration (%)	6	(2003)
Total under-five deaths (000)	191	(2010)
Neonatal deaths: % of all under-5 deaths	32	(2010)
Neonatal mortality rate (per 1000 live births)	45	(2010)
Infant mortality rate (per 1000 live births)	103	(2010)
Stillbirth rate (per 1000 total births)	29	(2009)
Total maternal deaths	6,400	(2010)
Lifetime risk of maternal death (1 in N)	32	(2010)
Total fertility rate (per woman)	6.3	(2010)
Adolescent birth rate (per 1000 women)	151	(2001)

### Under-five mortality rate

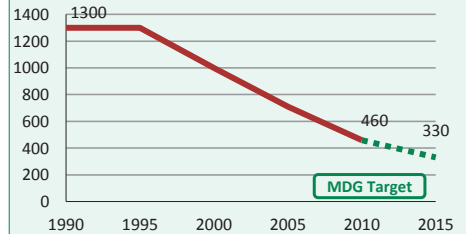
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

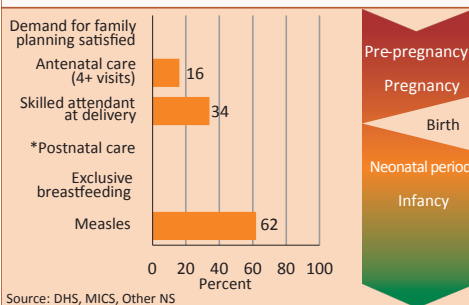


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

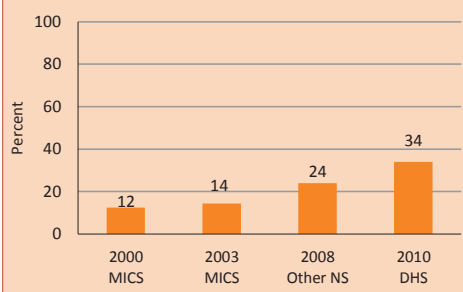


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

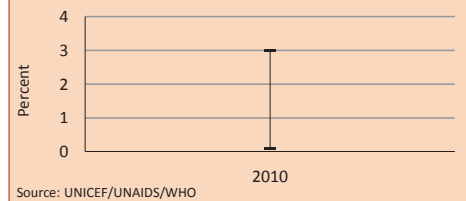
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
 ▬ Uncertainty range around the estimate

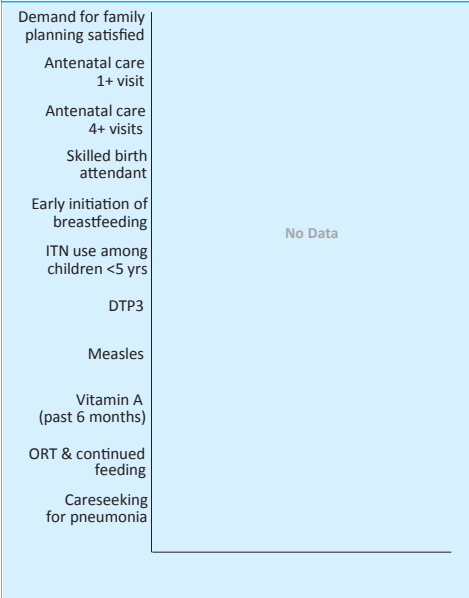


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

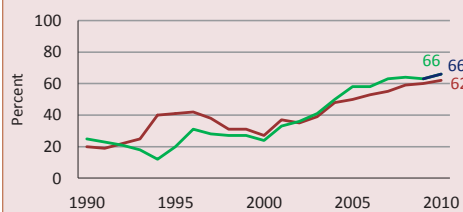


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

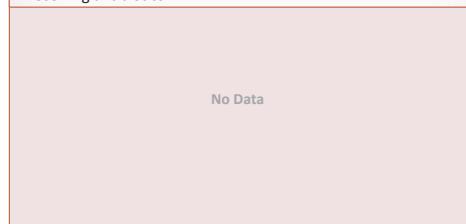
■ Percent of children immunized against measles  
 ■ Percent of children immunized with 3 doses DTP  
 ■ Percent of children immunized with 3 doses Hib



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

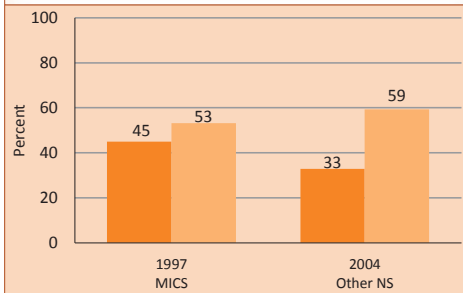


## NUTRITION

Wasting prevalence (moderate and severe, %)	9	(2004)	Early initiation of breastfeeding (within 1 hr of birth, %)	-	-
Low birthweight incidence (moderate and severe, %)	-	-	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	96	(2010)

### Underweight and stunting prevalence

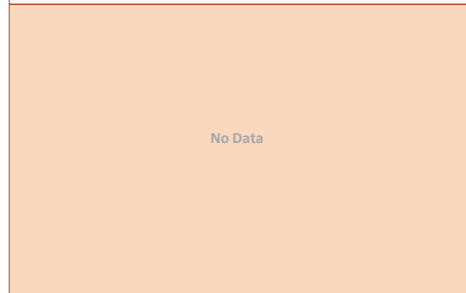
■ Percent children <5 years who are underweight  
 ■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

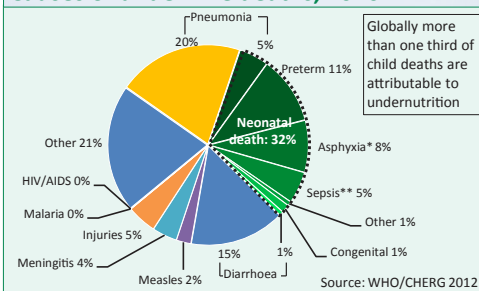
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

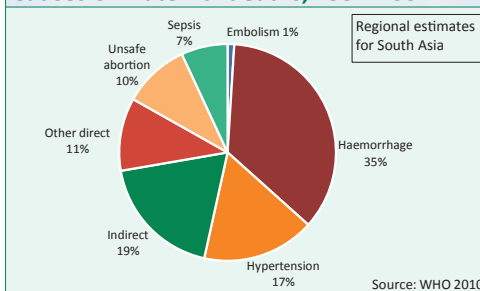


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007

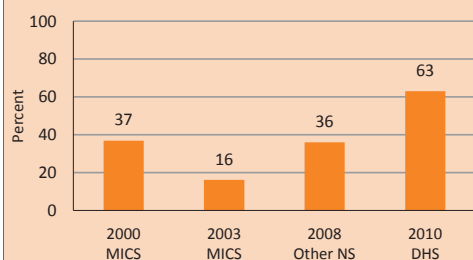


\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



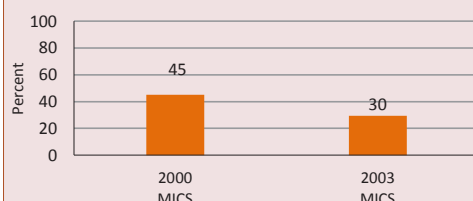
Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	16	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	5, 6, 4	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	79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

\*Not Applicable

## CHILD HEALTH

### 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



### Malaria prevention and treatment

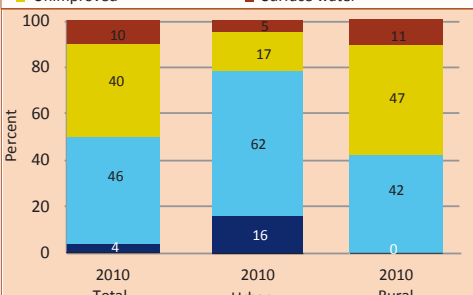
Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-

No Data

## WATER AND SANITATION

### Improved drinking water coverage

- Percent of population by type of drinking water source, 2010\*
- Piped on premises
  - Other improved
  - Unimproved
  - Surface water

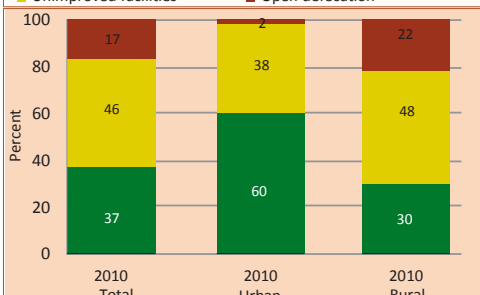


Source: WHO/UNICEF JMP 2012.

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

- Percent of population by type of sanitation facility, 2010\*
- Improved facilities
  - Shared facilities
  - Unimproved facilities
  - Open defecation



Source: WHO/UNICEF JMP 2012.

\*Insufficient data for generating a trend graph.

## POLICIES

Maternity protection in accordance with Convention 183	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 osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	-

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	7.1	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	44	(2010)
General government expenditure on health as % of total government expenditure (%)	2	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	83	(2010)
Official development assistance to child health per child (US\$)	28	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	63	(2009)

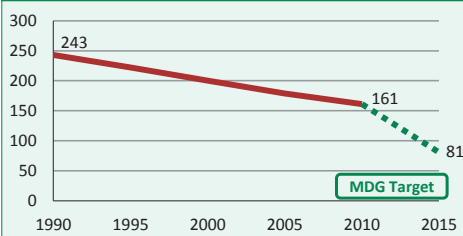


## DEMOGRAPHICS

Total population (000)	19,082	(2010)
Total under-five population (000)	3,378	(2010)
Births (000)	795	(2010)
Birth registration (%)	29	(2001)
Total under-five deaths (000)	121	(2010)
Neonatal deaths: % of all under-5 deaths	27	(2010)
Neonatal mortality rate (per 1000 live births)	41	(2010)
Infant mortality rate (per 1000 live births)	98	(2010)
Stillbirth rate (per 1000 total births)	25	(2009)
Total maternal deaths	3,600	(2010)
Lifetime risk of maternal death (1 in N)	39	(2010)
Total fertility rate (per woman)	5.4	(2010)
Adolescent birth rate (per 1000 women)	165	(2005)

### Under-five mortality rate

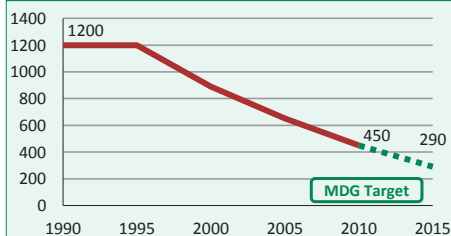
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

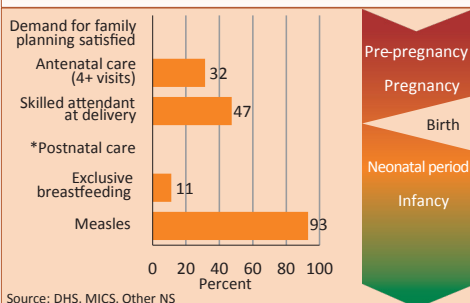


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

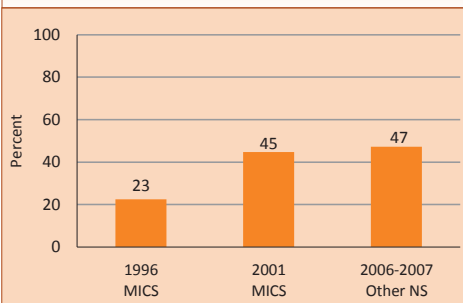


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

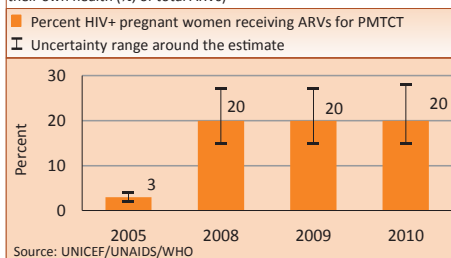
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

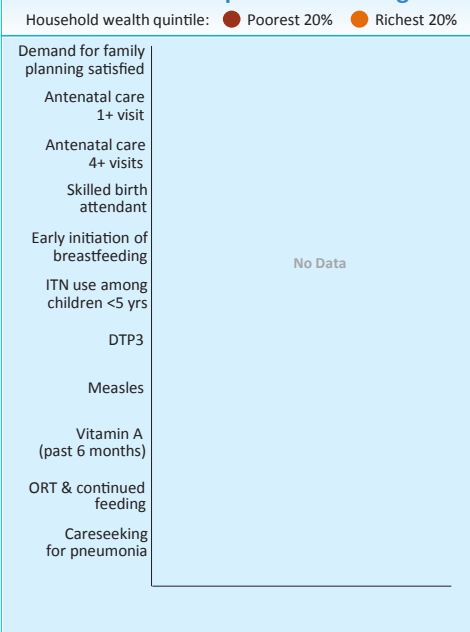
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

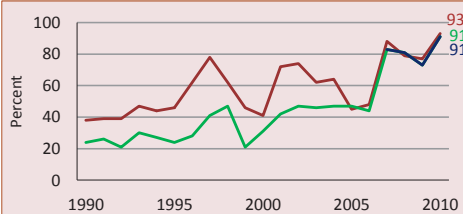


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## 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

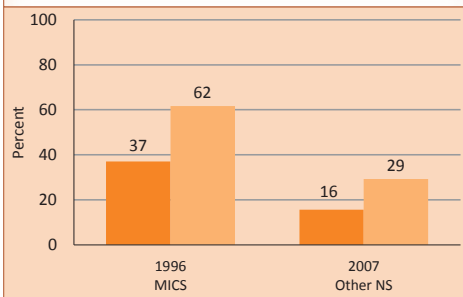


## NUTRITION

Wasting prevalence (moderate and severe, %)	8	(2007)	Early initiation of breastfeeding (within 1 hr of birth, %)	-	-
Low birthweight incidence (moderate and severe, %)	12	(2000)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	28	(2010)

### Underweight and stunting prevalence

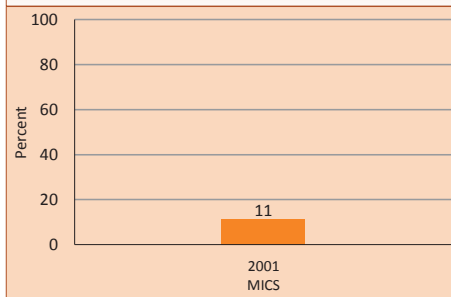
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

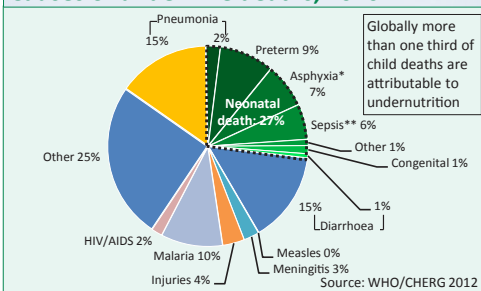
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



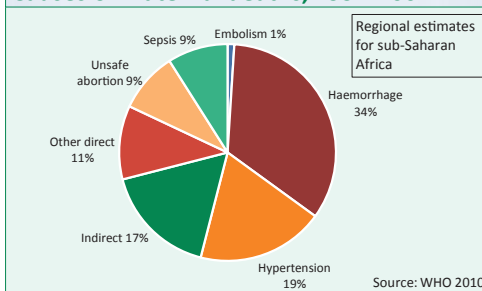
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



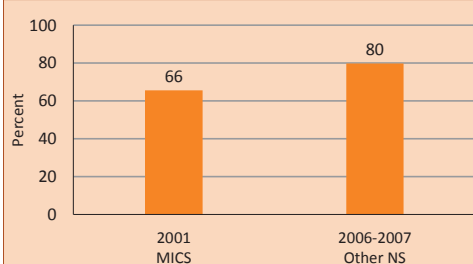
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	32	(1996)
Malaria during pregnancy - intermittent preventive treatment (%)	3	(2006-2007)
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	75	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

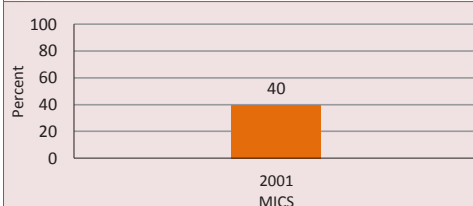
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	14.3 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	25 (2006)
Per capita total expenditure on health (Int\$)	168 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	18 (2010)
Official development assistance to child health per child (US\$)	10 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	16 (2009)

## CHILD HEALTH

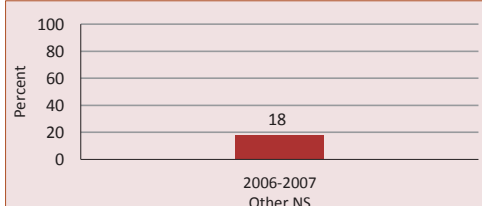
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

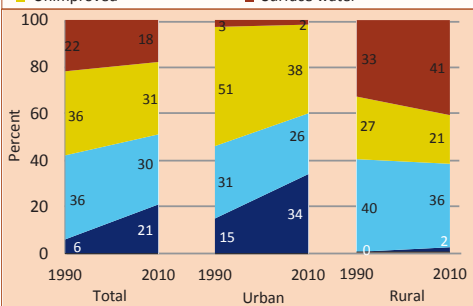
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

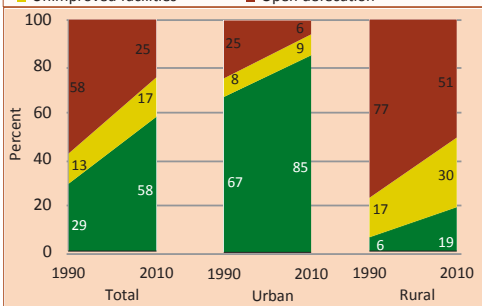
### Improved drinking water coverage

- Percent of population by type of drinking water source, 1990-2010
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

- Percent of population by type of sanitation facility, 1990-2010
- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation

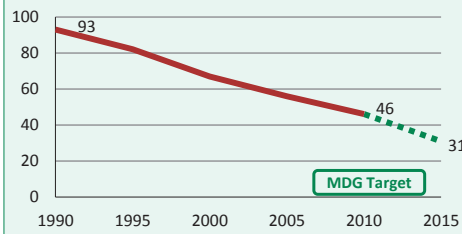


## DEMOGRAPHICS

Total population (000)	9,188	(2010)
Total under-five population (000)	795	(2010)
Births (000)	182	(2010)
Birth registration (%)	94	(2006)
Total under-five deaths (000)	9	(2010)
Neonatal deaths: % of all under-5 deaths	41	(2010)
Neonatal mortality rate (per 1000 live births)	19	(2010)
Infant mortality rate (per 1000 live births)	39	(2010)
Stillbirth rate (per 1000 total births)	12	(2009)
Total maternal deaths	79	(2010)
Lifetime risk of maternal death (1 in N)	1,000	(2010)
Total fertility rate (per woman)	2.2	(2010)
Adolescent birth rate (per 1000 women)	42	(2008)

### Under-five mortality rate

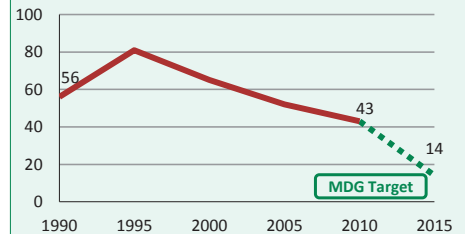
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

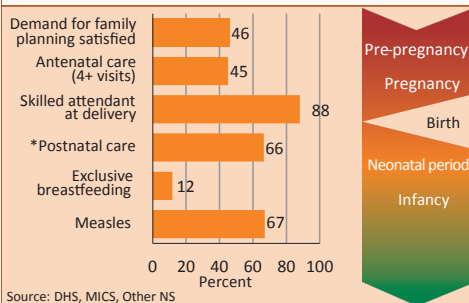


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

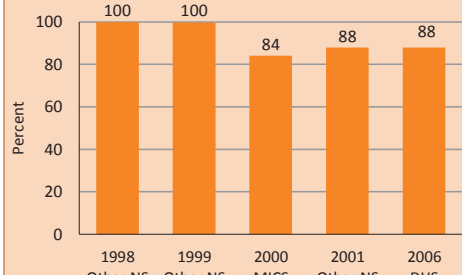


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

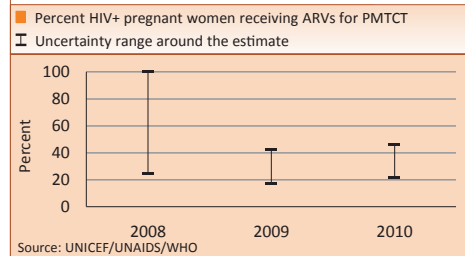
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 41 (2010)

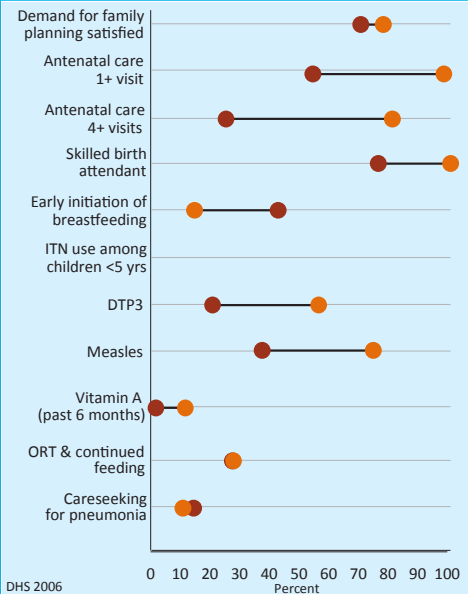


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



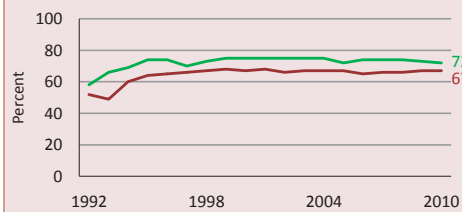
DHS 2006

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.

## CHILD HEALTH

### Immunization

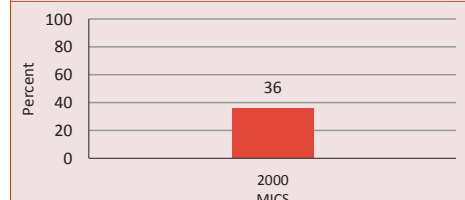
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



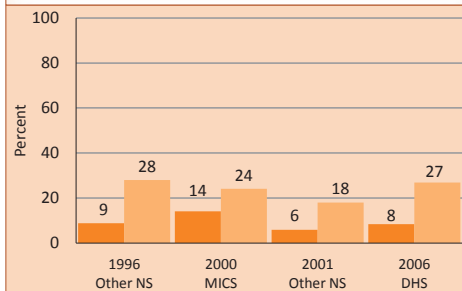
Source: MICS

## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	32	(2006)
Low birthweight incidence (moderate and severe, %)	10	(2006)	Introduction of solid, semi-solid/soft foods (%)	83	(2006)
			Vitamin A supplementation (two dose coverage, %)	89	(2010)

### Underweight and stunting prevalence

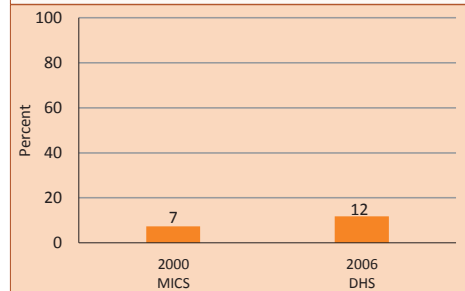
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

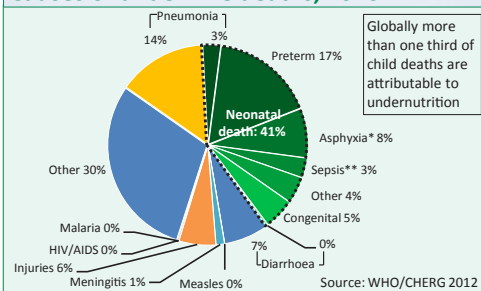
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



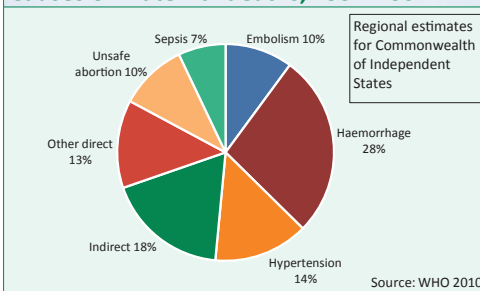
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



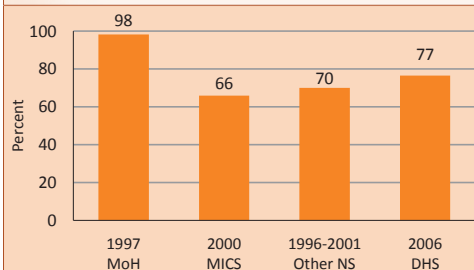
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	46	(2006)
Antenatal care (4 or more visits, %)	45	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	5, 5, 4	(2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	66	(2006)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	4	(2006)

\*Not Applicable

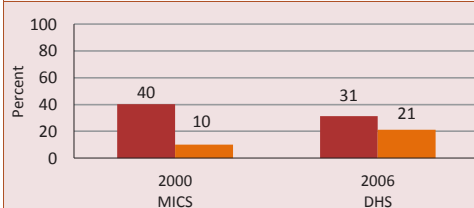
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	122.1 (2007)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	579 (2010)
General government expenditure on health as % of total government expenditure (%)	4 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	70 (2010)
Official development assistance to child health per child (US\$)	4 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	17 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

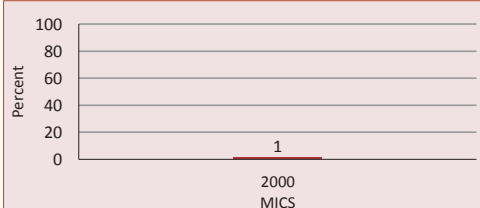
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

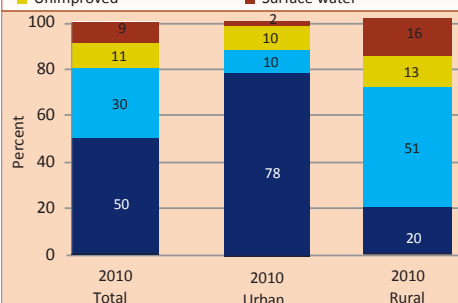


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 2010\*

- Piped on premises
- Other improved
- Unimproved
- Surface water



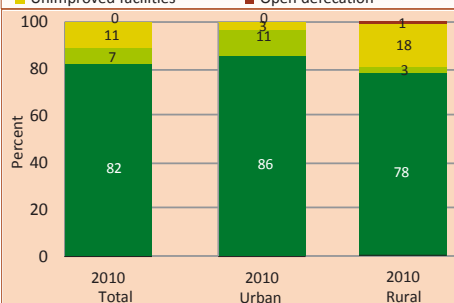
Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

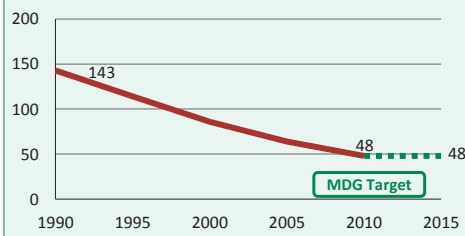


## DEMOGRAPHICS

Total population (000)	148,692	(2010)
Total under-five population (000)	14,707	(2010)
Births (000)	3,038	(2010)
Birth registration (%)	10	(2006)
Total under-five deaths (000)	140	(2010)
Neonatal deaths: % of all under-5 deaths	59	(2010)
Neonatal mortality rate (per 1000 live births)	27	(2010)
Infant mortality rate (per 1000 live births)	38	(2010)
Stillbirth rate (per 1000 total births)	36	(2009)
Total maternal deaths	7,200	(2010)
Lifetime risk of maternal death (1 in N)	170	(2010)
Total fertility rate (per woman)	2.2	(2010)
Adolescent birth rate (per 1000 women)	133	(2005)

### Under-five mortality rate

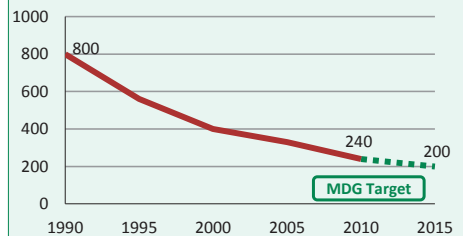
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

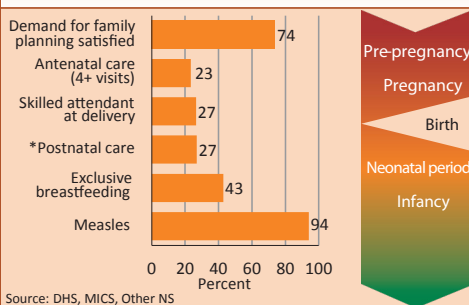


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

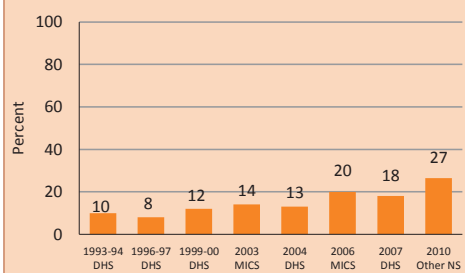


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

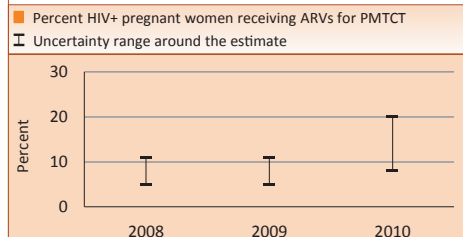
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 87 (2010)

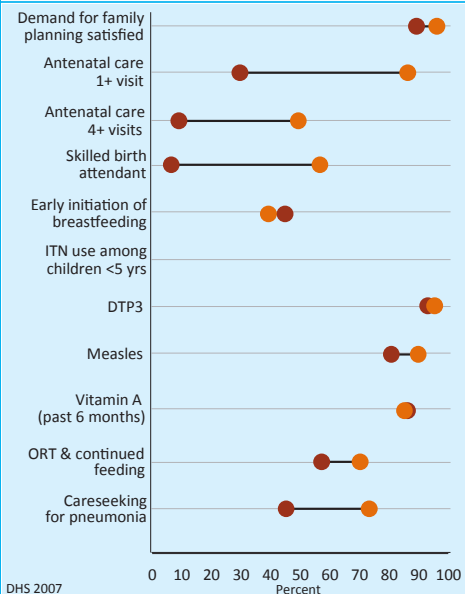


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



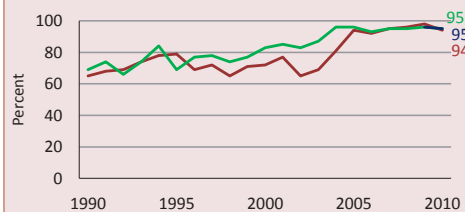
DHS 2007

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.

## CHILD HEALTH

### Immunization

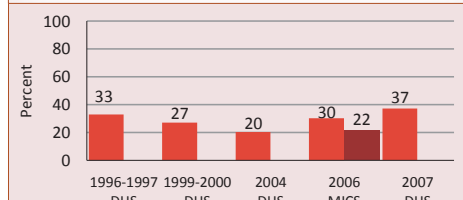
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

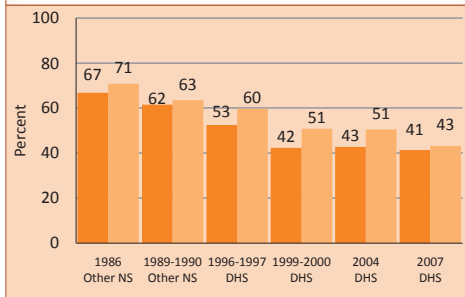


## NUTRITION

Wasting prevalence (moderate and severe, %)	18	(2007)	Early initiation of breastfeeding (within 1 hr of birth, %)	36	(2006)
Low birthweight incidence (moderate and severe, %)	22	(2006)	Introduction of solid, semi-solid/soft foods (%)	71	(2007)
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

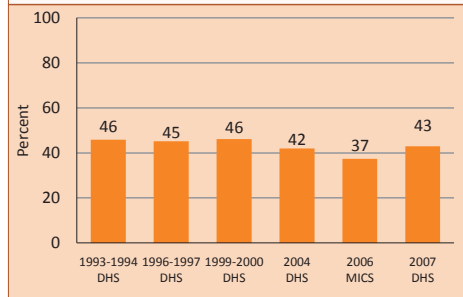
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

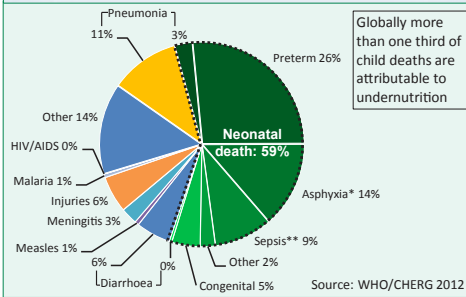
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



## DEMOGRAPHICS

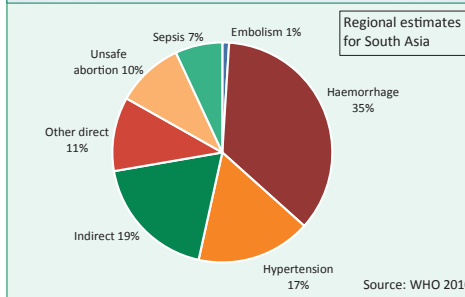
### Causes of under-five deaths, 2010



Globally more than one third of child deaths are attributable to undernutrition

\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



Regional estimates for South Asia

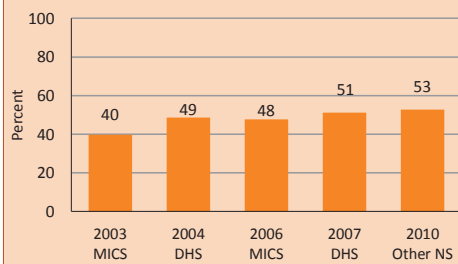
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	74	(2007)
Antenatal care (4 or more visits, %)	23	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %) (Minimum target is 5% and maximum target is 15%)	12, 20, 10	(2010)
Neonatal tetanus vaccine (%)	93	(2010)
Postnatal visit for baby (within 2 days for all births, %)	27	(2007)
Postnatal visit for mother (within 2 days for all births, %)	27	(2007)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	33	(2007)

\*Not Applicable

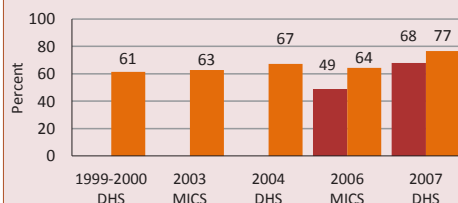
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	5.7	(2007)
National availability of emergency obstetric care services (% of recommended minimum)	54	(2007)
Per capita total expenditure on health (Int\$)	23	(2010)
General government expenditure on health as % of total government expenditure (%)	7	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	64	(2010)
Official development assistance to child health per child (US\$)	8	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	18	(2009)

## CHILD HEALTH

### 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



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

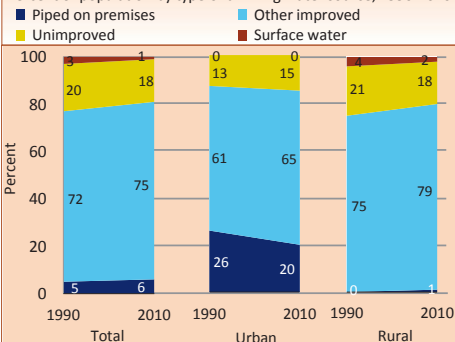
- Percent of children <5 years sleeping under ITNs

Sub-national risk of malaria transmission

## WATER AND SANITATION

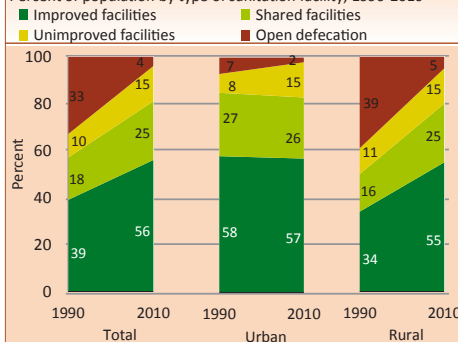
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

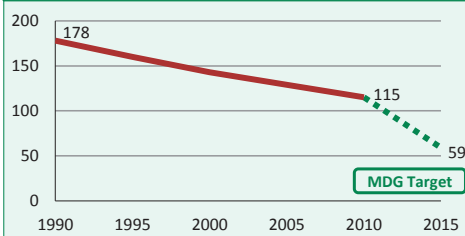


## DEMOGRAPHICS

Total population (000)	8,850	(2010)
Total under-five population (000)	1,506	(2010)
Births (000)	350	(2010)
Birth registration (%)	60	(2006)
Total under-five deaths (000)	39	(2010)
Neonatal deaths: % of all under-5 deaths	29	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	73	(2010)
Stillbirth rate (per 1000 total births)	24	(2009)
Total maternal deaths	1,200	(2010)
Lifetime risk of maternal death (1 in N)	53	(2010)
Total fertility rate (per woman)	5.3	(2010)
Adolescent birth rate (per 1000 women)	114	(2004)

### Under-five mortality rate

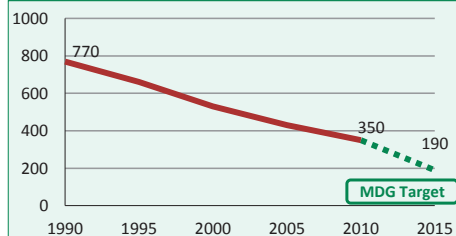
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

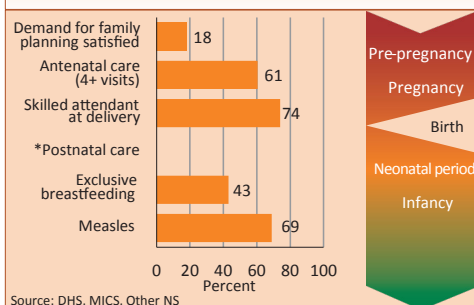


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

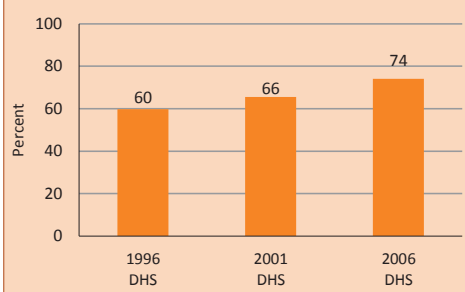


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

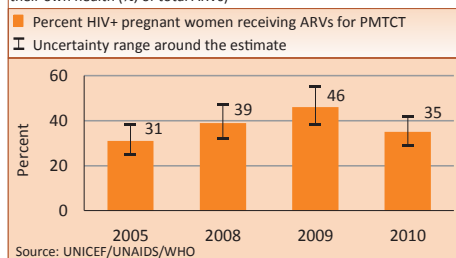
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

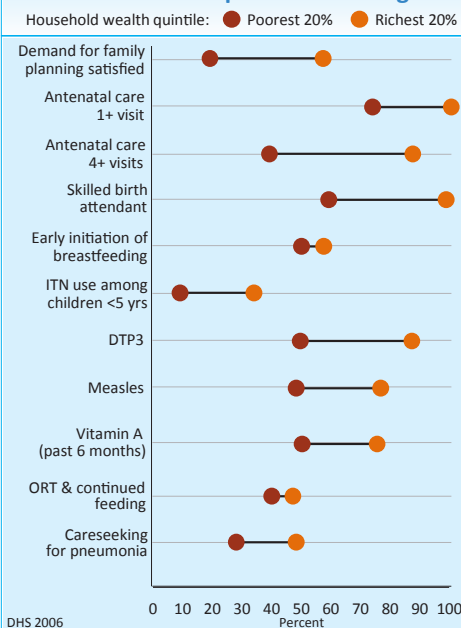
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage



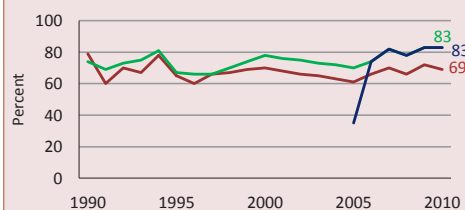
DHS 2006

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.

## CHILD HEALTH

### Immunization

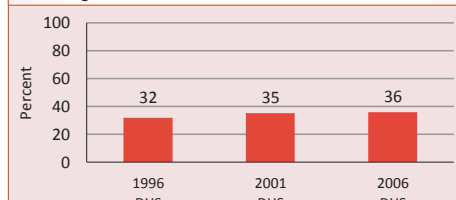
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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

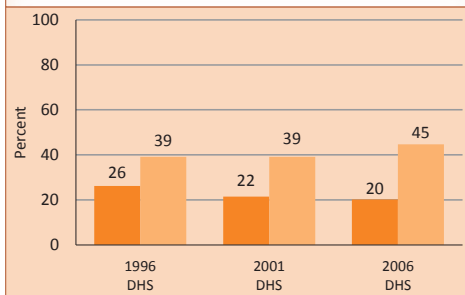


## NUTRITION

Wasting prevalence (moderate and severe, %)	8	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	32	(2008)
Low birthweight incidence (moderate and severe, %)	15	(2006)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

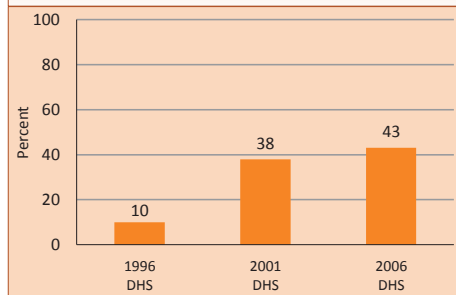
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

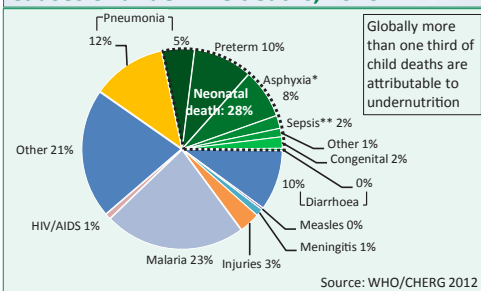
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

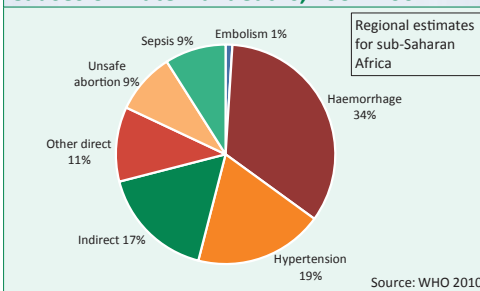


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



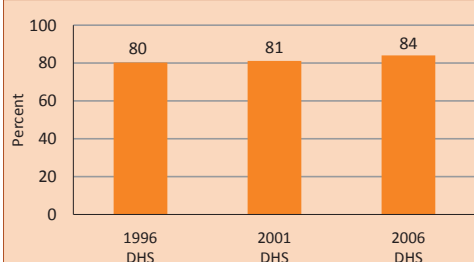
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

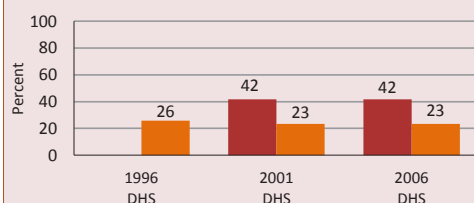


Demand for family planning satisfied (%)	18	(2006)
Antenatal care (4 or more visits, %)	61	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	3	(2006)
C-section rate (total, urban, rural; %)	4, 6, 2	(2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	92	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	9	(2006)

## CHILD HEALTH

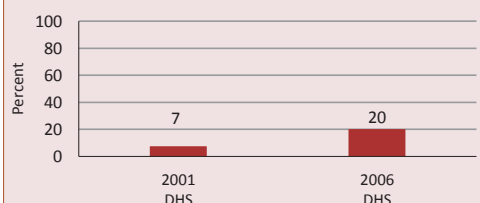
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

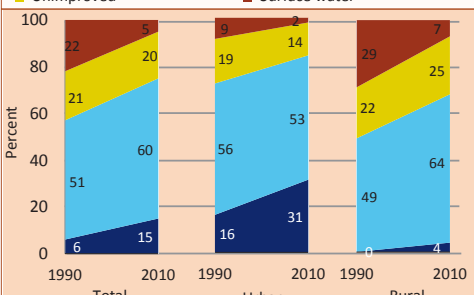
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

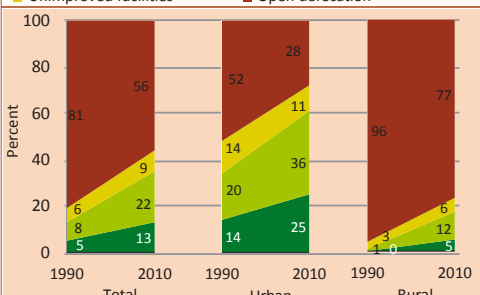
### Improved drinking water coverage

- Percent of population by type of drinking water source, 1990-2010
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

- Percent of population by type of sanitation facility, 1990-2010
- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



## POLICIES

Maternity protection in accordance with Convention 183	Yes
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Partial
International Code of Marketing of Breastmilk Substitutes	Yes
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	Yes

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	8.3	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	34	(2011)
Per capita total expenditure on health (Int\$)	65	(2010)
General government expenditure on health as % of total government expenditure (%)	10	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	47	(2010)
Official development assistance to child health per child (US\$)	22	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	41	(2009)

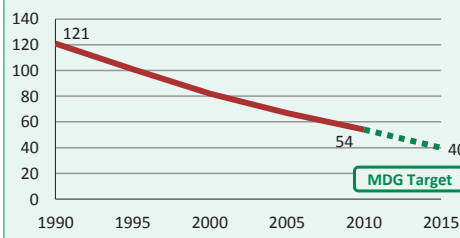


## DEMOGRAPHICS

Total population (000)	9,930	(2010)
Total under-five population (000)	1,235	(2010)
Births (000)	263	(2010)
Birth registration (%)	74	(2001)
Total under-five deaths (000)	14	(2010)
Neonatal deaths: % of all under-5 deaths	44	(2010)
Neonatal mortality rate (per 1000 live births)	23	(2010)
Infant mortality rate (per 1000 live births)	42	(2010)
Stillbirth rate (per 1000 total births)	17	(2009)
Total maternal deaths	510	(2010)
Lifetime risk of maternal death (1 in N)	140	(2010)
Total fertility rate (per woman)	3.3	(2010)
Adolescent birth rate (per 1000 women)	89	(2006)

### Under-five mortality rate

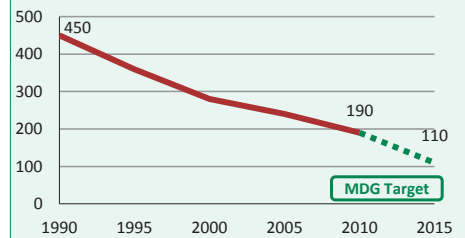
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

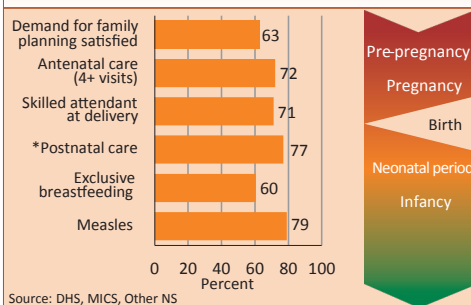


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

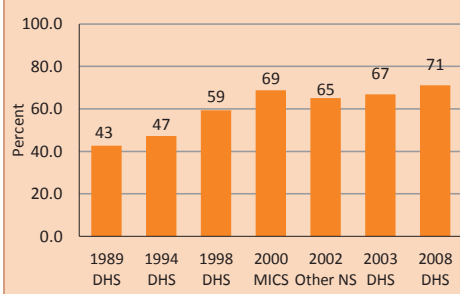


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

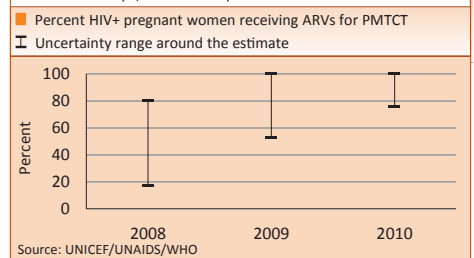
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

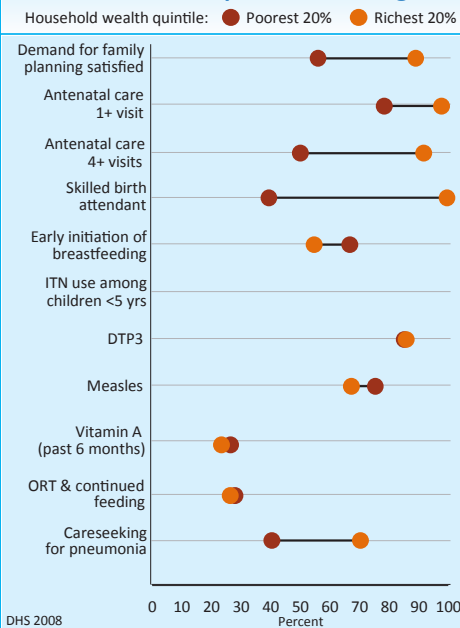
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 1 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

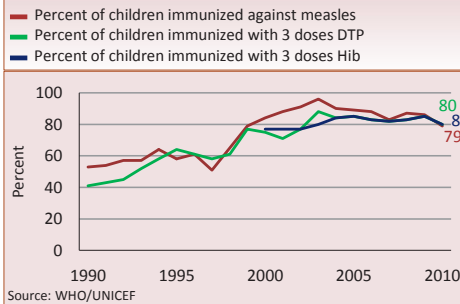


DHS 2008

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.

## CHILD HEALTH

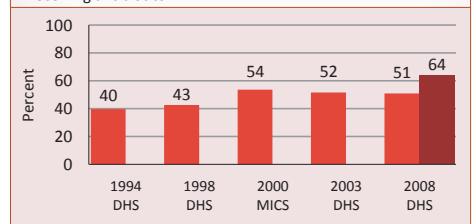
### Immunization



Source: WHO/UNICEF

### Pneumonia treatment

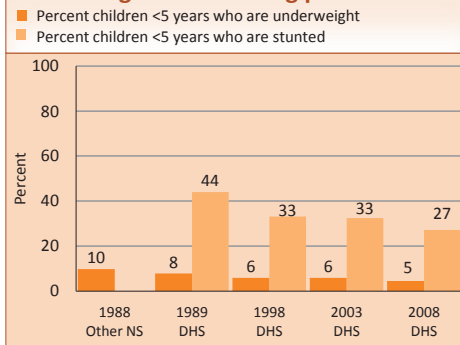
Percent children <5 years with suspected pneumonia taken to appropriate health provider  
Percent children <5 years with suspected pneumonia receiving antibiotics



## NUTRITION

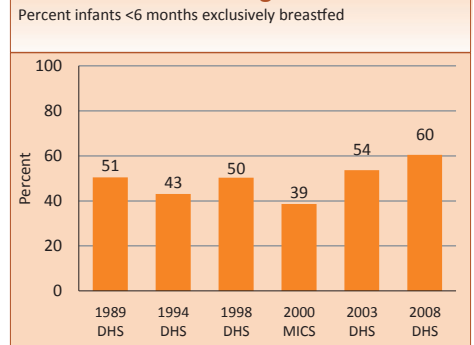
Wasting prevalence (moderate and severe, %)	1	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	64	(2008)
Low birthweight incidence (moderate and severe, %)	6	(2008)	Introduction of solid, semi-solid/soft foods (%)	83	(2008)
			Vitamin A supplementation (two dose coverage, %)	24	(2010)

### Underweight and stunting prevalence



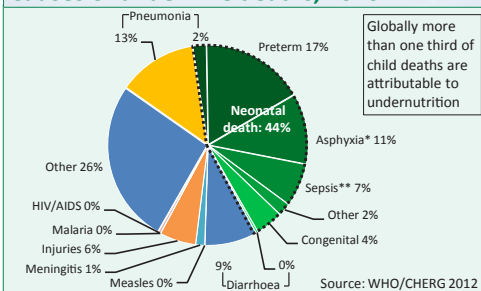
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

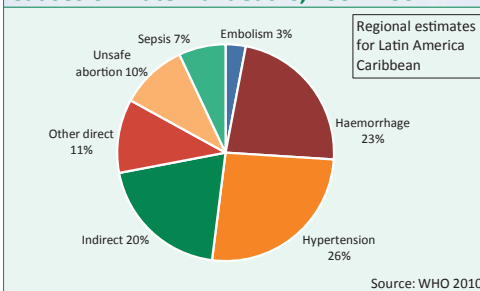


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



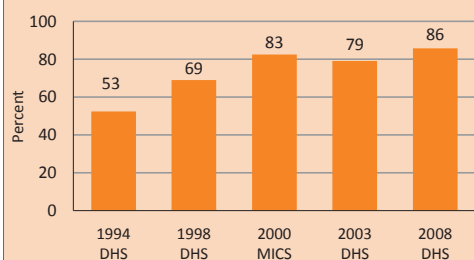
**Causes of maternal deaths, 1997-2007**



**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



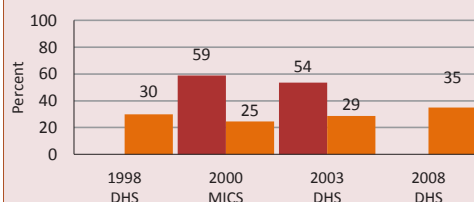
Demand for family planning satisfied (%)	63	(2008)
Antenatal care (4 or more visits, %)	72	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	19, 28, 8	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	74	(2010)
Postnatal visit for baby (within 2 days for all births, %)	77	(2008)
Postnatal visit for mother (within 2 days for all births, %)	77	(2008)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	1	(2008)

\*Not Applicable

**CHILD HEALTH**

**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



**Malaria prevention and treatment**

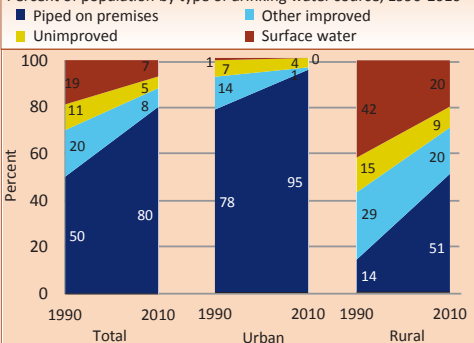
Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-

Sub-national risk of malaria transmission

**WATER AND SANITATION**

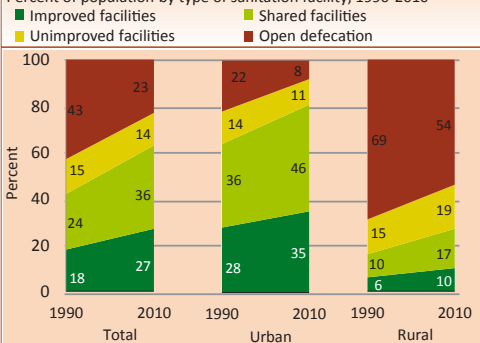
**Improved drinking water coverage**

Percent of population by type of drinking water source, 1990-2010



**Improved sanitation coverage**

Percent of population by type of sanitation facility, 1990-2010



**POLICIES**

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Partial
Midwifery personnel authorized to administer core set of life saving interventions	Partial
International Code of Marketing of Breastmilk Substitutes	Partial
Postnatal home visits in first week of life	-
Community treatment of pneumonia with antibiotics	Partial
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Yes
Pneumococcal vaccine	-

**SYSTEMS AND FINANCING**

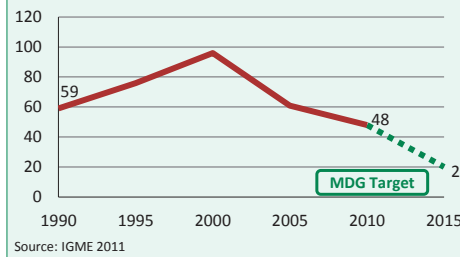
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	33.5 (2001)
National availability of emergency obstetric care services (% of recommended minimum)	48 (2003)
Per capita total expenditure on health (Int\$)	233 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	15 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	44 (2009)

## DEMOGRAPHICS

Total population (000)	2,007	(2010)
Total under-five population (000)	225	(2010)
Births (000)	47	(2010)
Birth registration (%)	72	(2007)
Total under-five deaths (000)	2	(2010)
Neonatal deaths: % of all under-5 deaths	40	(2010)
Neonatal mortality rate (per 1000 live births)	19	(2010)
Infant mortality rate (per 1000 live births)	36	(2010)
Stillbirth rate (per 1000 total births)	16	(2009)
Total maternal deaths	75	(2010)
Lifetime risk of maternal death (1 in N)	220	(2010)
Total fertility rate (per woman)	2.8	(2010)
Adolescent birth rate (per 1000 women)	51	(2006)

### Under-five mortality rate

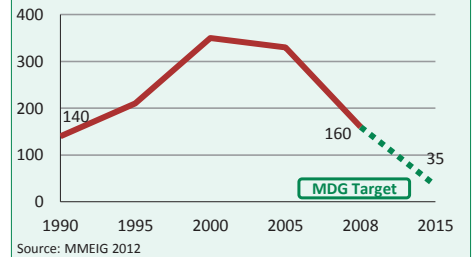
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

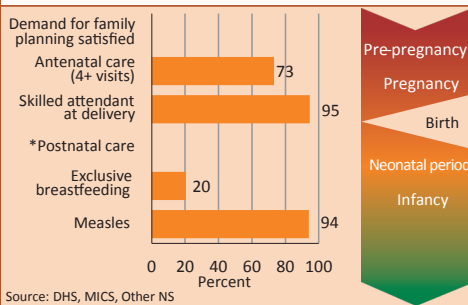


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

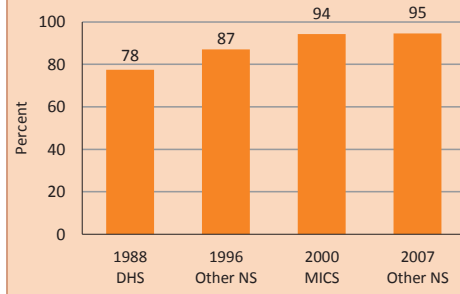


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

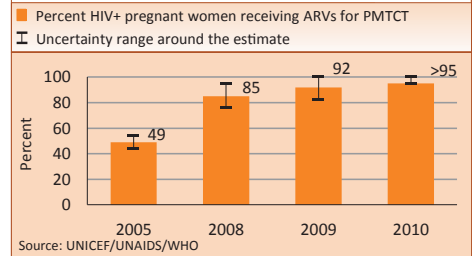
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 39 (2010)

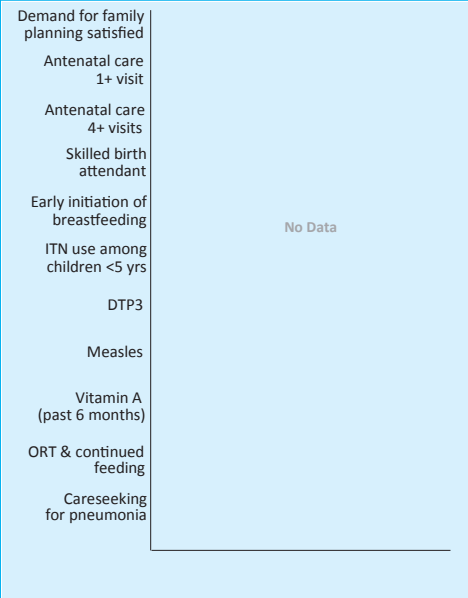


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

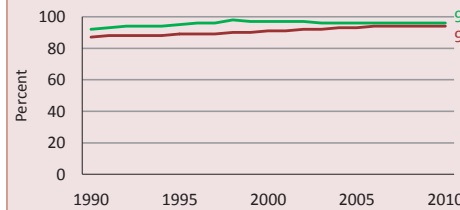


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

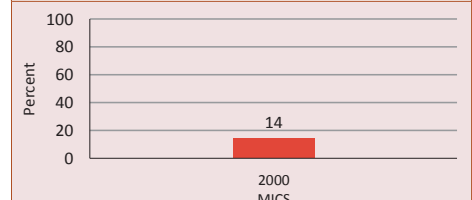
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



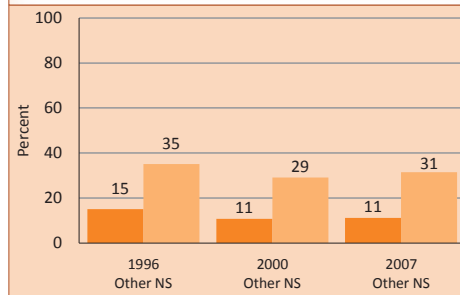
Source: MICS

## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	40	(2007)
Low birthweight incidence (moderate and severe, %)	13	(2007)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	91	(2010)

### Underweight and stunting prevalence

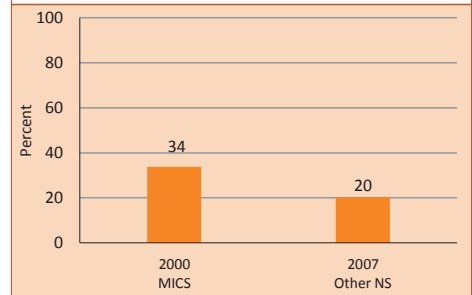
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

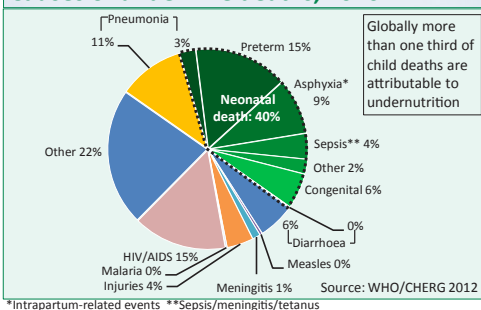
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

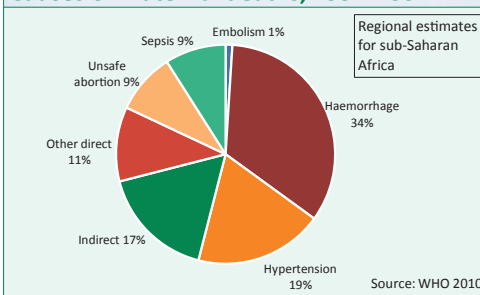


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



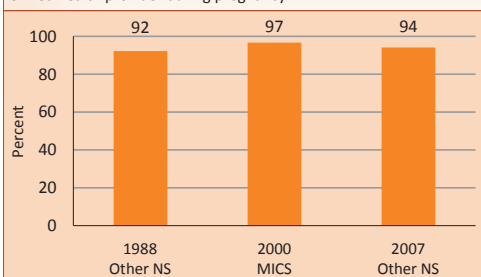
**Causes of maternal deaths, 1997-2007**



**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



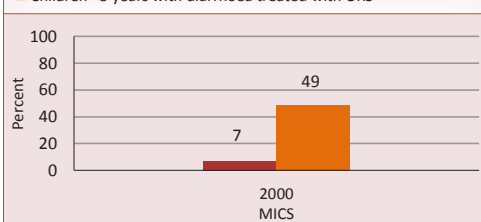
Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	73	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	92	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not Applicable

**CHILD HEALTH**

**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



**Malaria prevention and treatment**

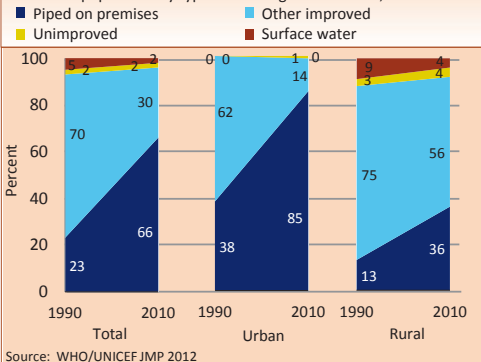
Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-

Sub-national risk of malaria transmission

**WATER AND SANITATION**

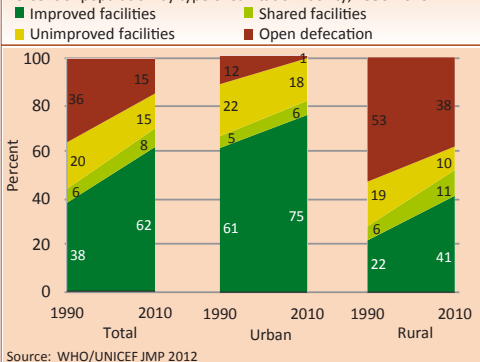
**Improved drinking water coverage**

Percent of population by type of drinking water source, 1990-2010



**Improved sanitation coverage**

Percent of population by type of sanitation facility, 1990-2010



**POLICIES**

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

**SYSTEMS AND FINANCING**

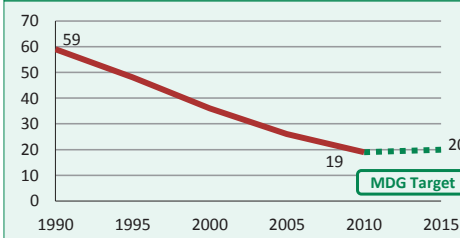
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	31.8 (2006)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	1,145 (2010)
General government expenditure on health as % of total government expenditure (%)	17 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	8 (2010)
Official development assistance to child health per child (US\$)	18 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	11 (2009)

## DEMOGRAPHICS

Total population (000)	194,946	(2010)
Total under-five population (000)	15,156	(2010)
Births (000)	3,023	(2010)
Birth registration (%)	91	(2008)
Total under-five deaths (000)	55	(2010)
Neonatal deaths: % of all under-5 deaths	65	(2010)
Neonatal mortality rate (per 1000 live births)	12	(2010)
Infant mortality rate (per 1000 live births)	17	(2010)
Stillbirth rate (per 1000 total births)	10	(2009)
Total maternal deaths	1,700	(2010)
Lifetime risk of maternal death (1 in N)	910	(2010)
Total fertility rate (per woman)	1.8	(2010)
Adolescent birth rate (per 1000 women)	77	(2007)

### Under-five mortality rate

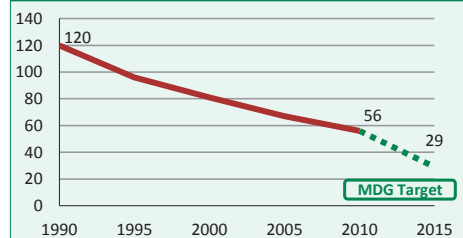
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

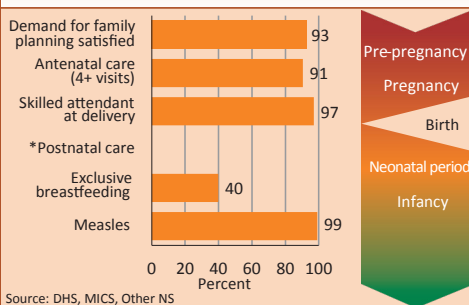


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

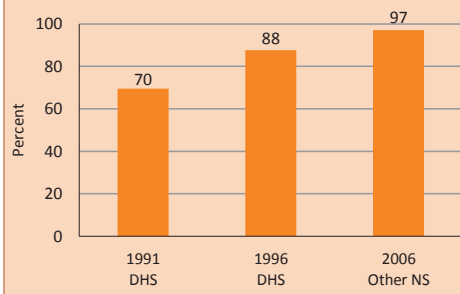


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

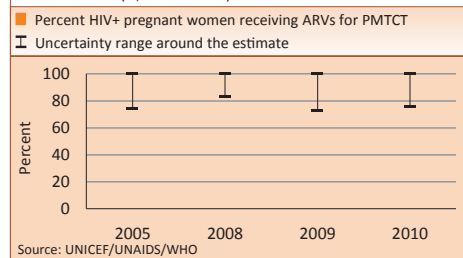
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 53 (2010)

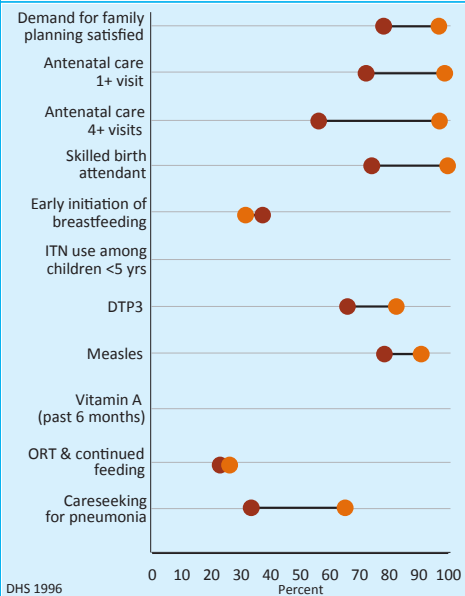


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



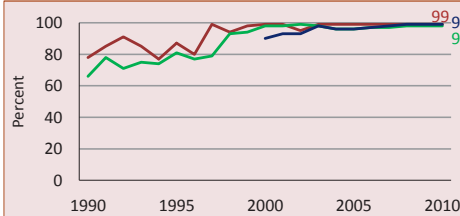
DHS 1996

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.

## CHILD HEALTH

### Immunization

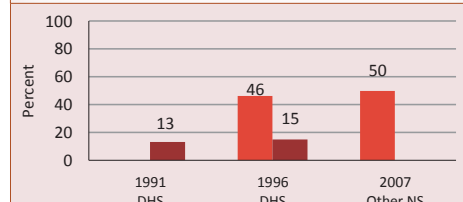
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

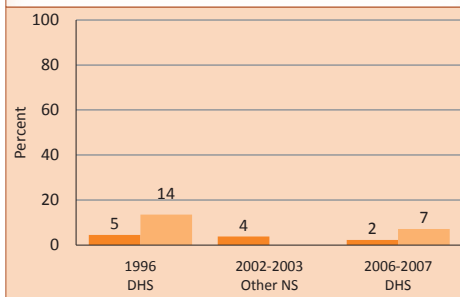


## NUTRITION

Wasting prevalence (moderate and severe, %)	2	(2007)	Early initiation of breastfeeding (within 1 hr of birth, %)	33	(1996)
Low birthweight incidence (moderate and severe, %)	8	(2009)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	-	-

### Underweight and stunting prevalence

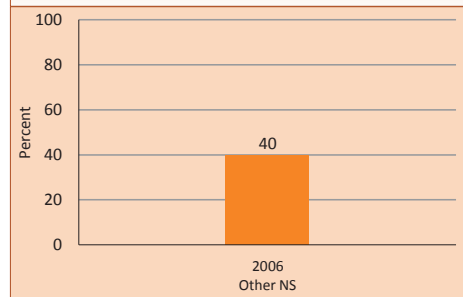
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

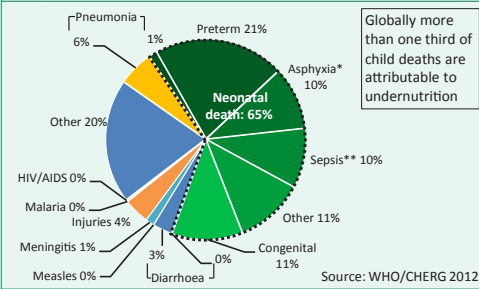
Percent infants <6 months exclusively breastfed





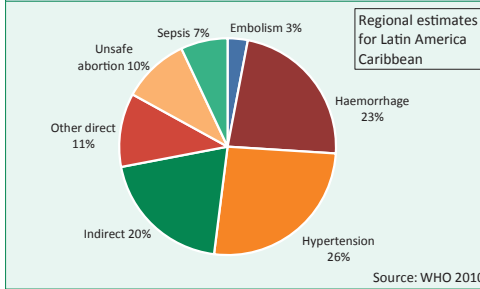
**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

**Causes of maternal deaths, 1997-2007**



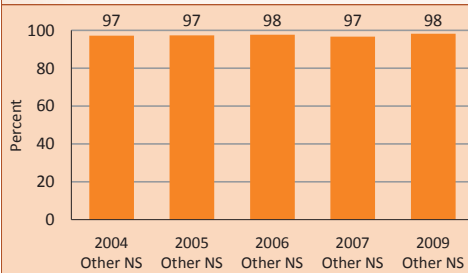
**POLICIES**

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Partial
International Code of Marketing of Breastmilk Substitutes	Yes
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	No
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Yes
Pneumococcal vaccine	Yes

**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



Demand for family planning satisfied (%)	93	(2006)
Antenatal care (4 or more visits, %)	91	(2009)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	50, -, -	(2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	92	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not Applicable

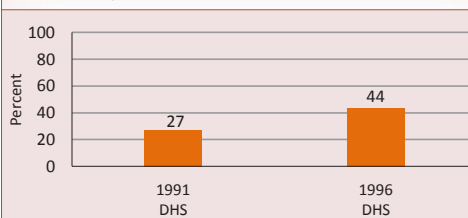
**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	81.8	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	1,028	(2010)
General government expenditure on health as % of total government expenditure (%)	7	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	-	-
Official development assistance to child health per child (US\$)	0	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	1	(2009)

**CHILD HEALTH**

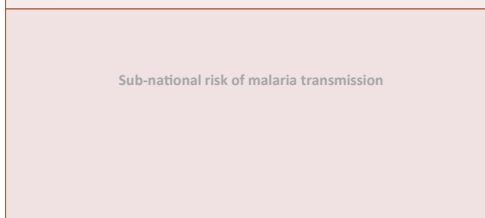
**Diarrhoeal disease treatment**

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



**Malaria prevention and treatment**

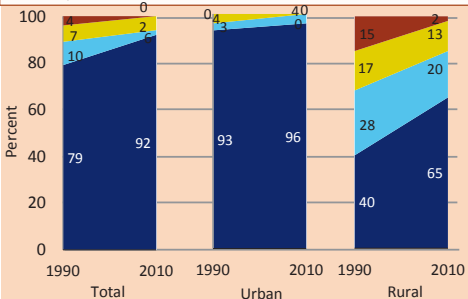
■ Percent of children receiving first line treatment among those receiving any antimalarial  
■ Percent of children <5 years sleeping under ITNs



**WATER AND SANITATION**

**Improved drinking water coverage**

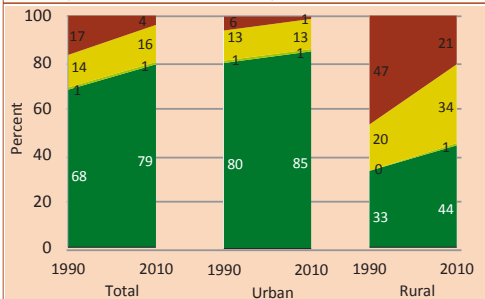
Percent of population by type of drinking water source, 1990-2010  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



Source: WHO/UNICEF JMP 2012

**Improved sanitation coverage**

Percent of population by type of sanitation facility, 1990-2010  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



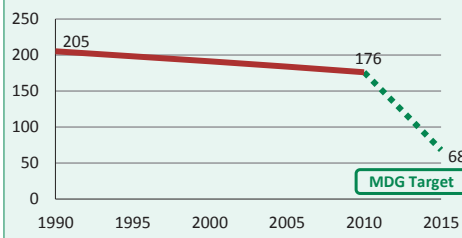
Source: WHO/UNICEF JMP 2012

## DEMOGRAPHICS

Total population (000)	16,469	(2010)
Total under-five population (000)	2,955	(2010)
Births (000)	713	(2010)
Birth registration (%)	64	(2006)
Total under-five deaths (000)	120	(2010)
Neonatal deaths: % of all under-5 deaths	22	(2010)
Neonatal mortality rate (per 1000 live births)	38	(2010)
Infant mortality rate (per 1000 live births)	93	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	2,100	(2010)
Lifetime risk of maternal death (1 in N)	55	(2010)
Total fertility rate (per woman)	5.9	(2010)
Adolescent birth rate (per 1000 women)	128	(2006)

### Under-five mortality rate

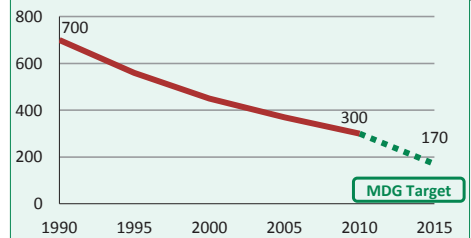
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

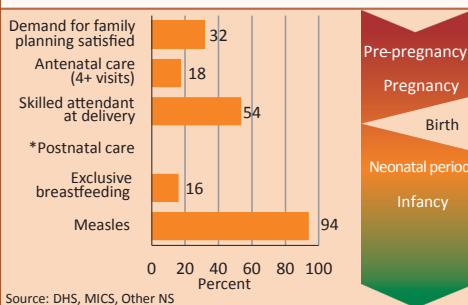


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

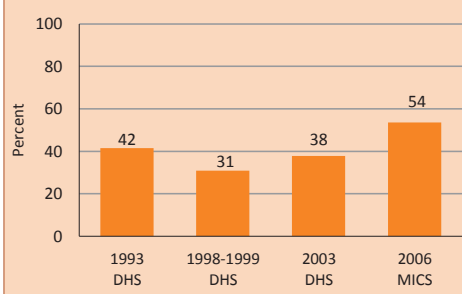


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

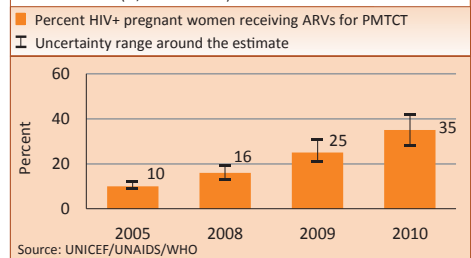
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 15 (2010)

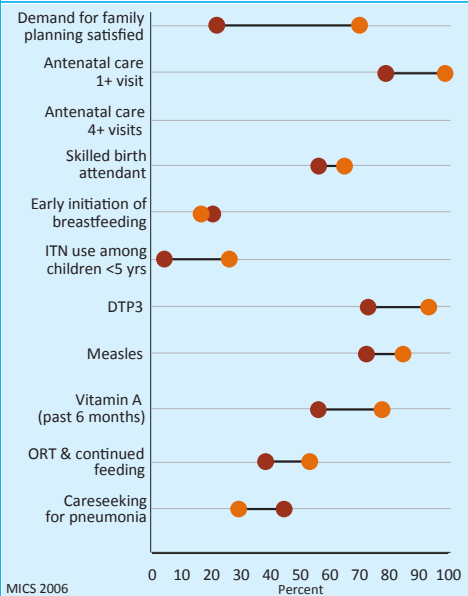


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



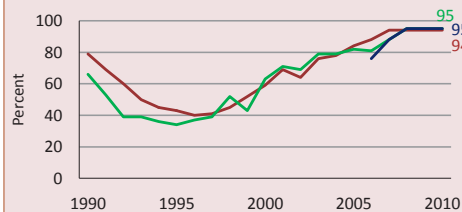
MICS 2006

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.

## CHILD HEALTH

### Immunization

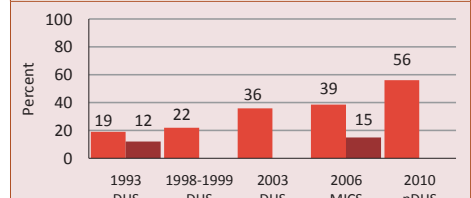
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



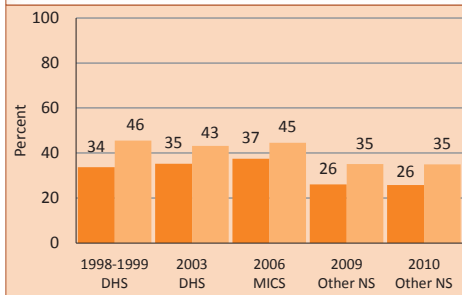
## NUTRITION

Wasting prevalence (moderate and severe, %) 11 (2010)  
Low birthweight incidence (moderate and severe, %) 16 (2006)

Early initiation of breastfeeding (within 1 hr of birth, %) 20 (2006)  
Introduction of solid, semi-solid/soft foods (%) - -  
Vitamin A supplementation (two dose coverage, %) 100 (2010)

### Underweight and stunting prevalence

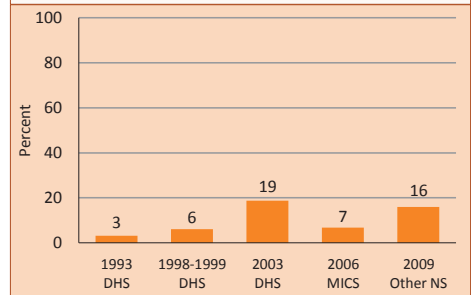
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

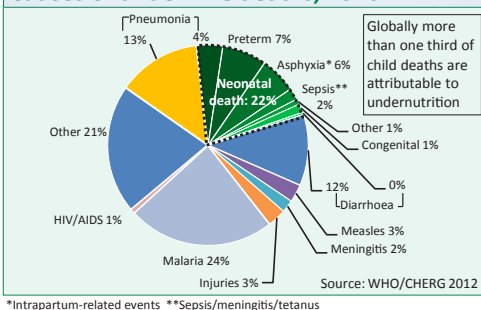
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

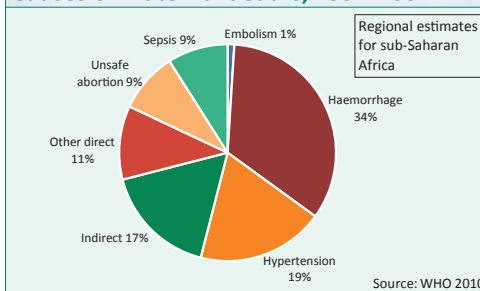


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007



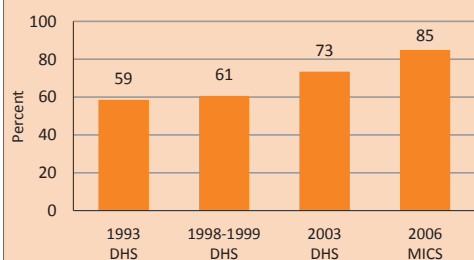
## POLICIES

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
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	No
Community treatment of pneumonia with antibiotics	Partial
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	-

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	32	(2006)
Antenatal care (4 or more visits, %)	18	(2003)
Malaria during pregnancy - intermittent preventive treatment (%)	11	(2010)
C-section rate (total, urban, rural, %)	1, 3, 0	(2003)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

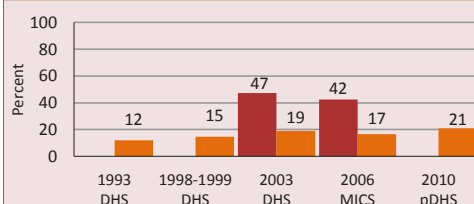
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	7.9 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	16 (2011)
Per capita total expenditure on health (Int\$)	93 (2010)
General government expenditure on health as % of total government expenditure (%)	13 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	36 (2010)
Official development assistance to child health per child (US\$)	15 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	23 (2009)

## CHILD HEALTH

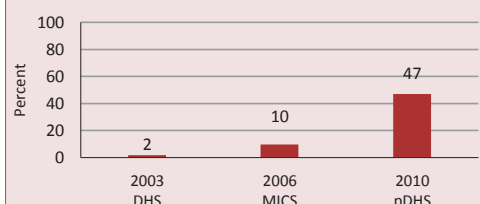
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

■ Percent of children <5 years sleeping under ITNs

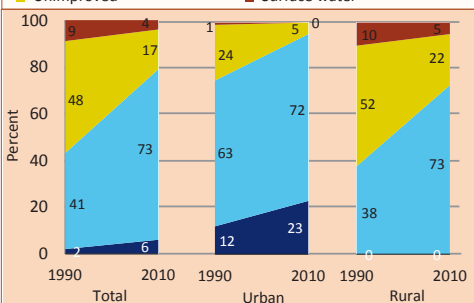


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water

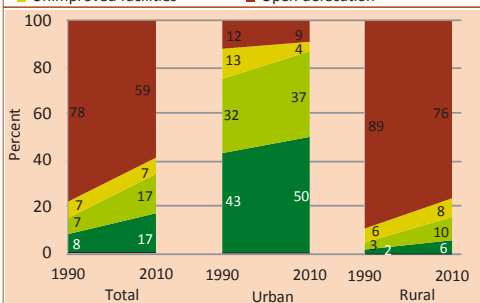


Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



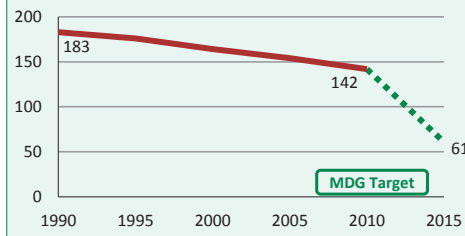
Source: WHO/UNICEF JMP 2012

## DEMOGRAPHICS

Total population (000)	8,383	(2010)
Total under-five population (000)	1,185	(2010)
Births (000)	283	(2010)
Birth registration (%)	60	(2005)
Total under-five deaths (000)	38	(2010)
Neonatal deaths: % of all under-5 deaths	31	(2010)
Neonatal mortality rate (per 1000 live births)	42	(2010)
Infant mortality rate (per 1000 live births)	88	(2010)
Stillbirth rate (per 1000 total births)	28	(2009)
Total maternal deaths	2,200	(2010)
Lifetime risk of maternal death (1 in N)	31	(2010)
Total fertility rate (per woman)	4.3	(2010)
Adolescent birth rate (per 1000 women)	30	(2001)

### Under-five mortality rate

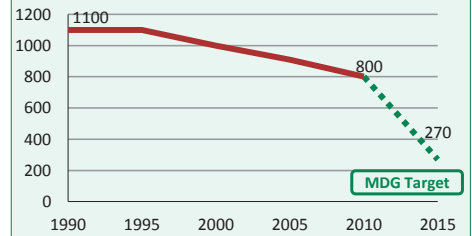
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

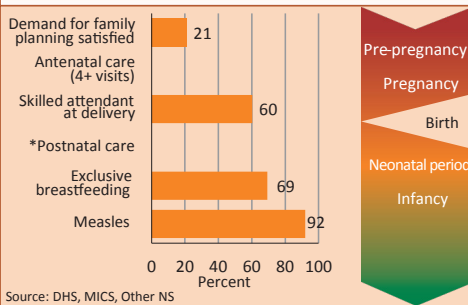


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

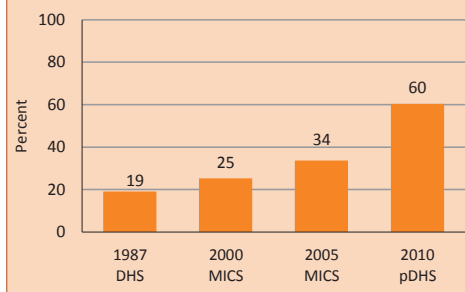


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

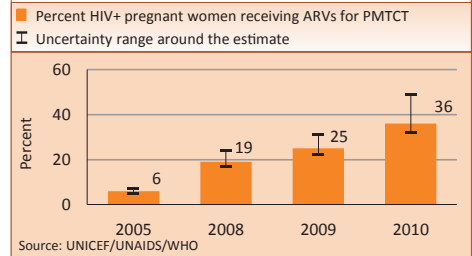
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

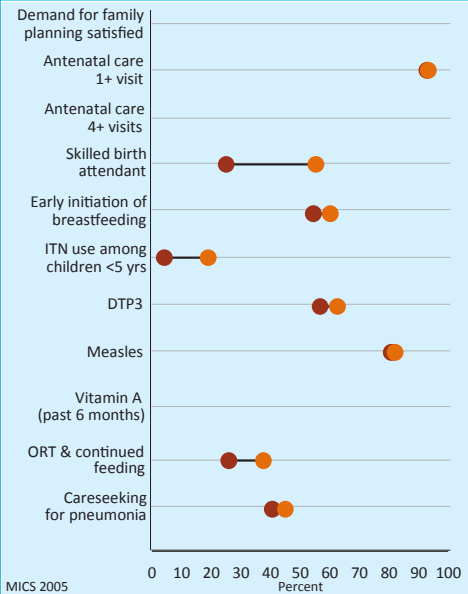


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



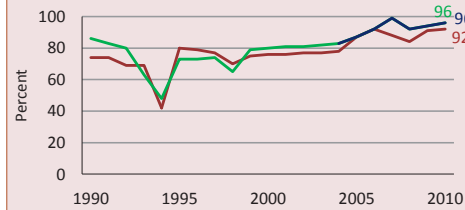
MICS 2005

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.

## CHILD HEALTH

### Immunization

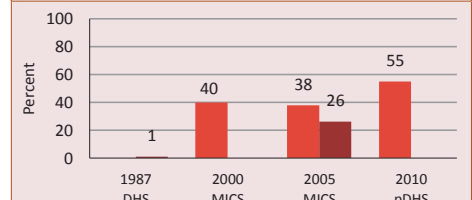
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

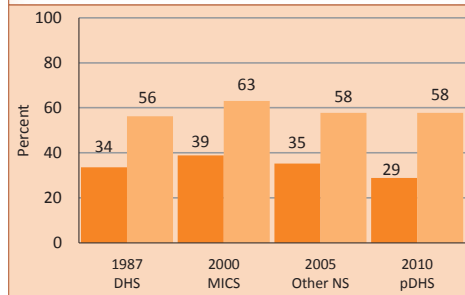


## NUTRITION

Wasting prevalence (moderate and severe, %)	6	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	-	-
Low birthweight incidence (moderate and severe, %)	11	(2005)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	73	(2010)

### Underweight and stunting prevalence

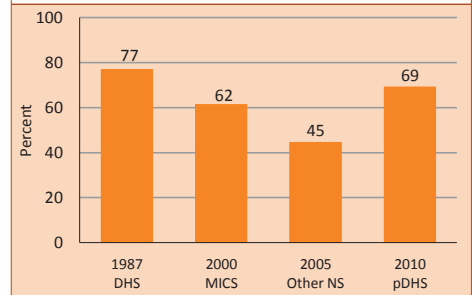
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

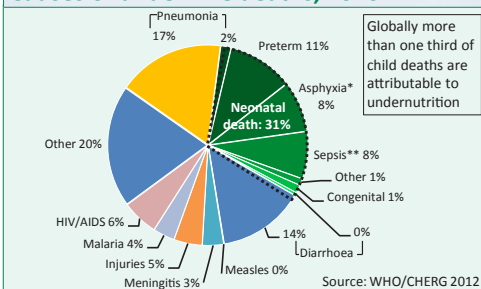
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



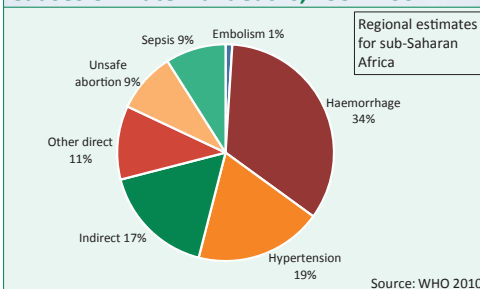
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



Globally more than one third of child deaths are attributable to undernutrition

### Causes of maternal deaths, 1997-2007

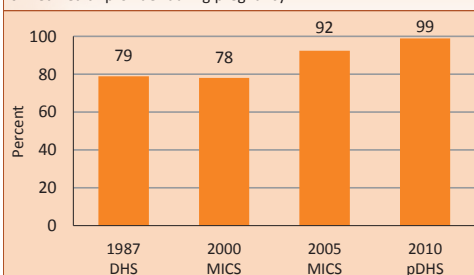


\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

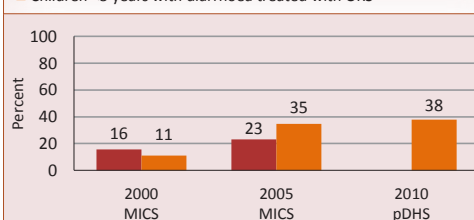


Demand for family planning satisfied (%)	21	(2005-2006)
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	0	(2010)
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	94	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

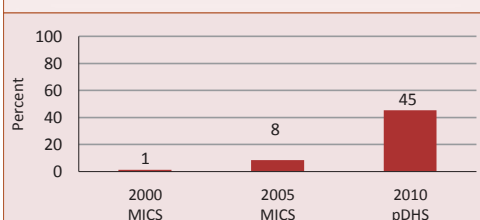
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

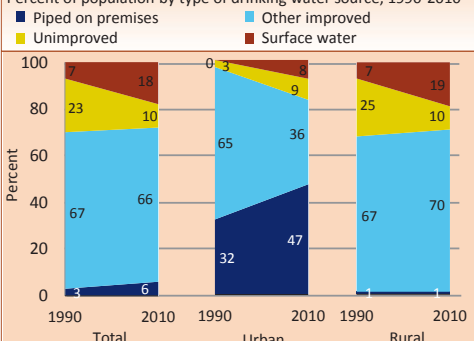
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

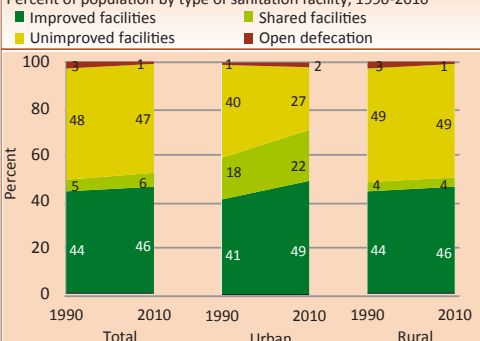
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

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

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	2.2 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	27 (2010)
Per capita total expenditure on health (Int\$)	47 (2010)
General government expenditure on health as % of total government expenditure (%)	8 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	38 (2010)
Official development assistance to child health per child (US\$)	18 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	35 (2009)

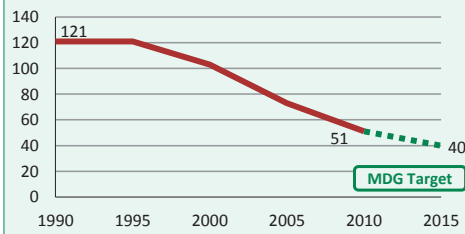


## DEMOGRAPHICS

Total population (000)	14,138	(2010)
Total under-five population (000)	1,492	(2010)
Births (000)	318	(2010)
Birth registration (%)	62	(2010)
Total under-five deaths (000)	16	(2010)
Neonatal deaths: % of all under-5 deaths	42	(2010)
Neonatal mortality rate (per 1000 live births)	22	(2010)
Infant mortality rate (per 1000 live births)	43	(2010)
Stillbirth rate (per 1000 total births)	18	(2009)
Total maternal deaths	790	(2010)
Lifetime risk of maternal death (1 in N)	150	(2010)
Total fertility rate (per woman)	2.6	(2010)
Adolescent birth rate (per 1000 women)	52	(2003)

### Under-five mortality rate

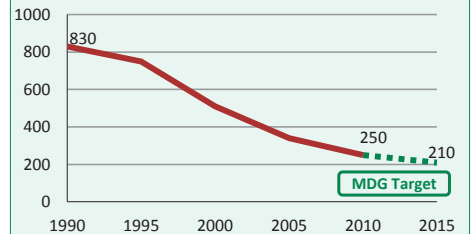
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

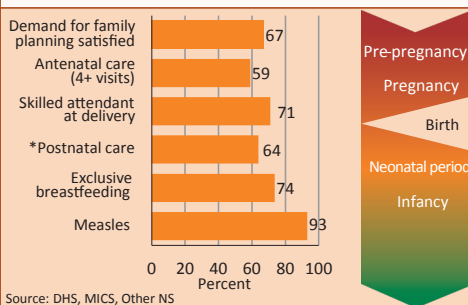


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

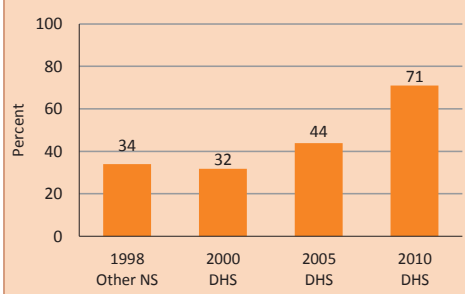


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

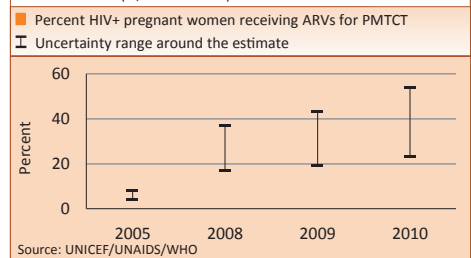
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

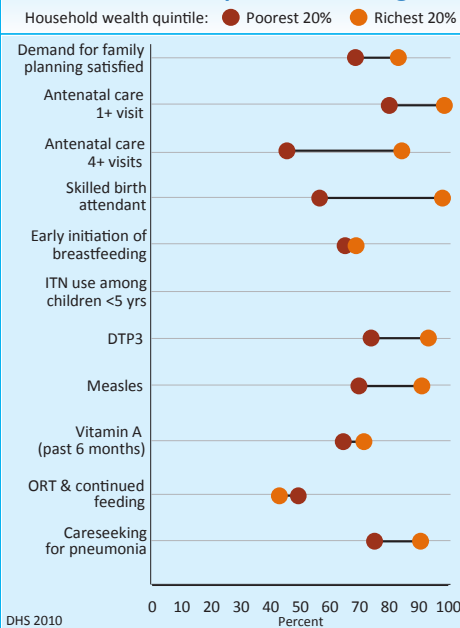
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 60 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage



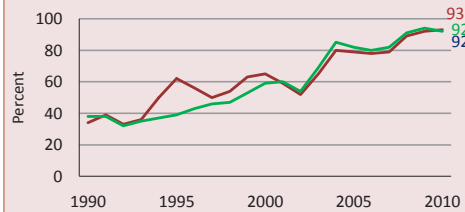
DHS 2010

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.

## CHILD HEALTH

### Immunization

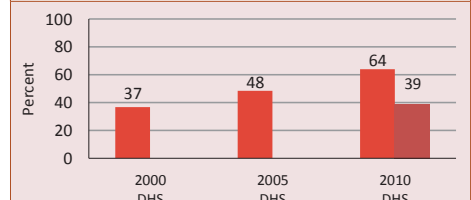
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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

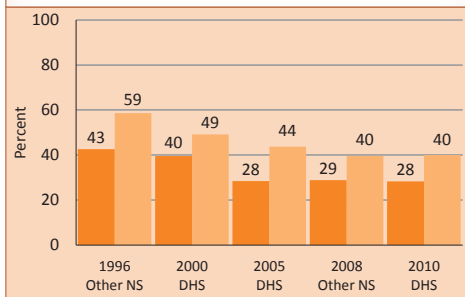


## NUTRITION

Wasting prevalence (moderate and severe, %)	11	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	65	(2010)
Low birthweight incidence (moderate and severe, %)	9	(2008)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	98	(2009)

### Underweight and stunting prevalence

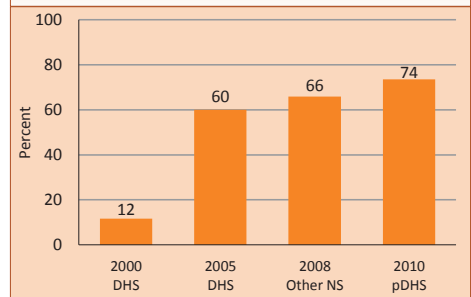
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

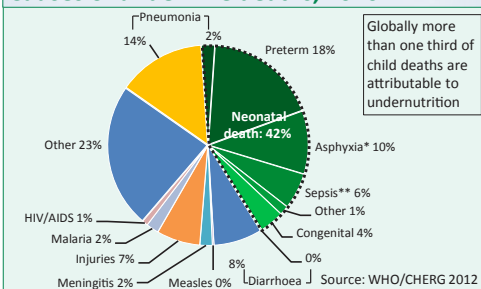
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

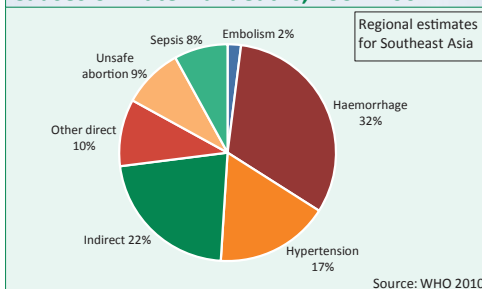


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



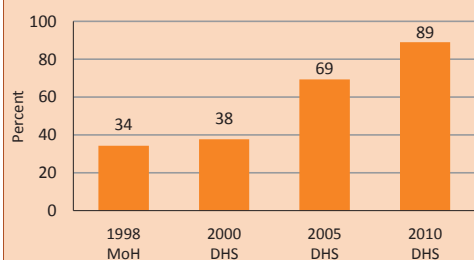
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



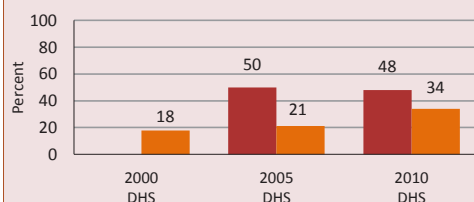
Demand for family planning satisfied (%)	67	(2010)
Antenatal care (4 or more visits, %)	59	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	3, 8, 2	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	91	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	64	(2005)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	18	(2010)

\*Not Applicable

## CHILD HEALTH

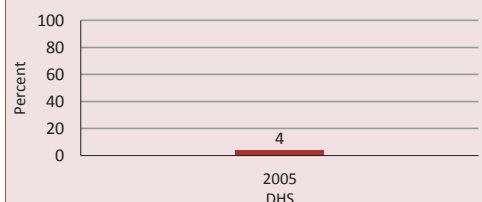
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

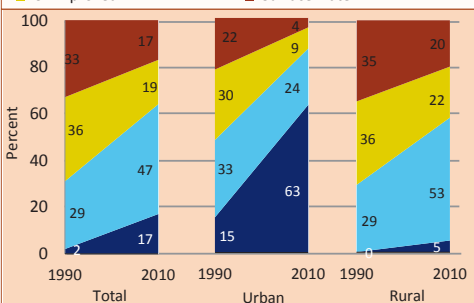
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

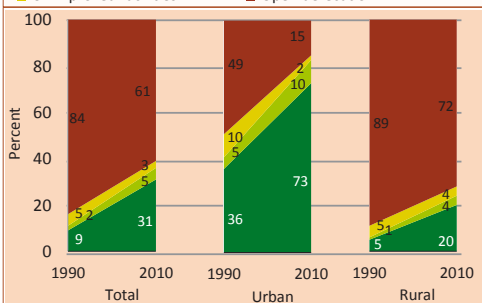
- Percent of population by type of drinking water source, 1990-2010
- Piped on premises
- Other improved
- Unimproved
- Surface water



Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

- Percent of population by type of sanitation facility, 1990-2010
- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

## POLICIES

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

## SYSTEMS AND FINANCING

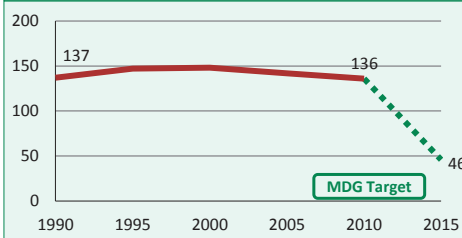
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	10.2	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	33	(2008)
Per capita total expenditure on health (Int\$)	121	(2010)
General government expenditure on health as % of total government expenditure (%)	10	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	40	(2010)
Official development assistance to child health per child (US\$)	20	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	74	(2009)

## DEMOGRAPHICS

Total population (000)	19,599	(2010)
Total under-five population (000)	3,055	(2010)
Births (000)	710	(2010)
Birth registration (%)	70	(2006)
Total under-five deaths (000)	93	(2010)
Neonatal deaths: % of all under-5 deaths	26	(2010)
Neonatal mortality rate (per 1000 live births)	34	(2010)
Infant mortality rate (per 1000 live births)	84	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	4,900	(2010)
Lifetime risk of maternal death (1 in N)	31	(2010)
Total fertility rate (per woman)	4.5	(2010)
Adolescent birth rate (per 1000 women)	141	(2002)

### Under-five mortality rate

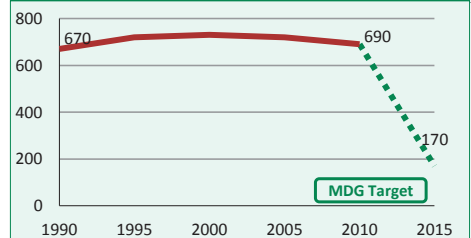
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

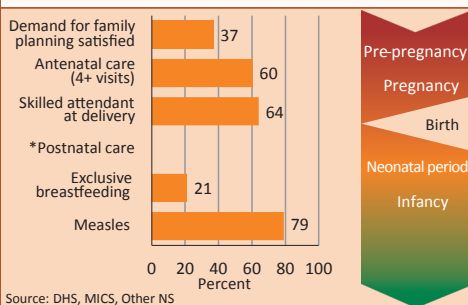


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

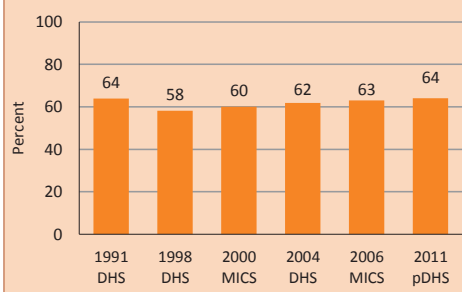


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

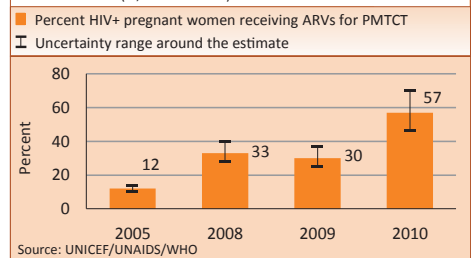
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 24 (2010)

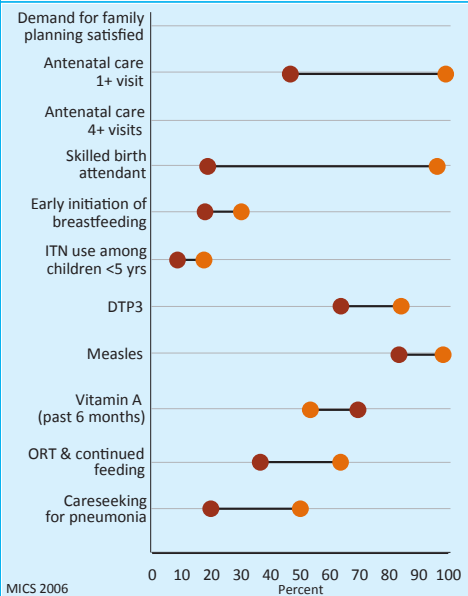


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



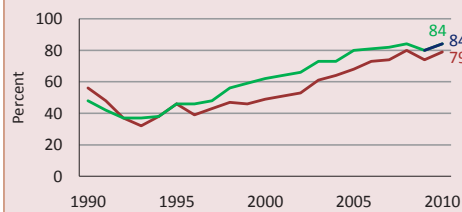
MICS 2006

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.

## CHILD HEALTH

### Immunization

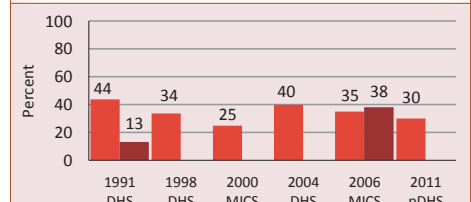
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

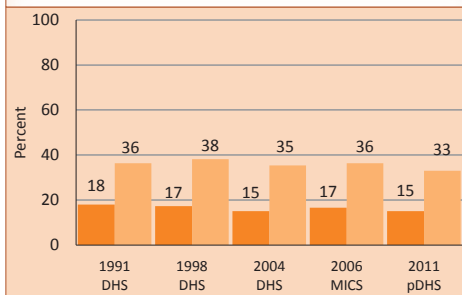


## NUTRITION

Wasting prevalence (moderate and severe, %)	6	(2011)
Low birthweight incidence (moderate and severe, %)	11	(2006)
Early initiation of breastfeeding (within 1 hr of birth, %)	20	(2006)
Introduction of solid, semi-solid/soft foods (%)	63	(2006)
Vitamin A supplementation (two dose coverage, %)	89	(2010)

### Underweight and stunting prevalence

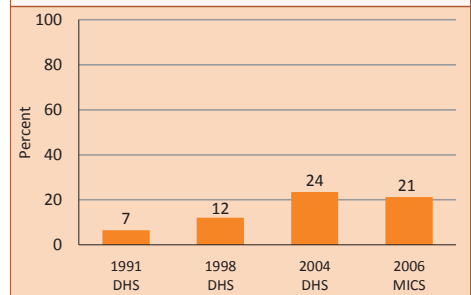
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

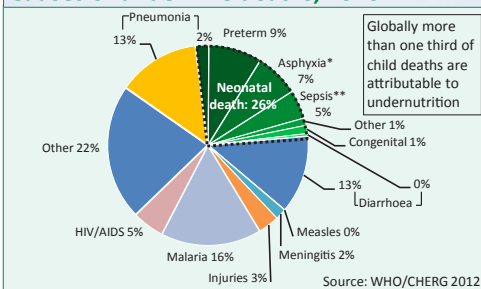
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



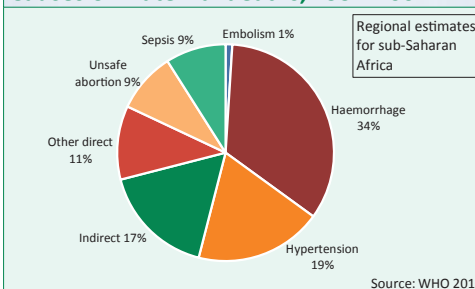
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

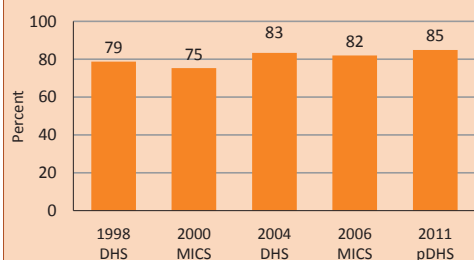
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

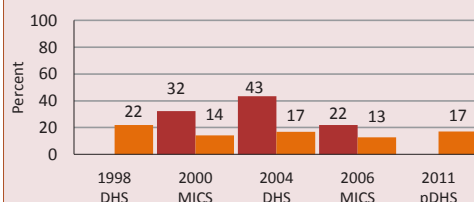


Demand for family planning satisfied (%)	37	(2006)
Antenatal care (4 or more visits, %)	60	(2004)
Malaria during pregnancy - intermittent preventive treatment (%)	26	(2011)
C-section rate (total, urban, rural; %)	2, 4, 1	(2004)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	91	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

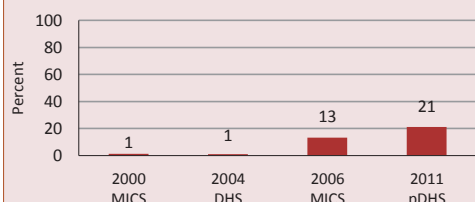
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

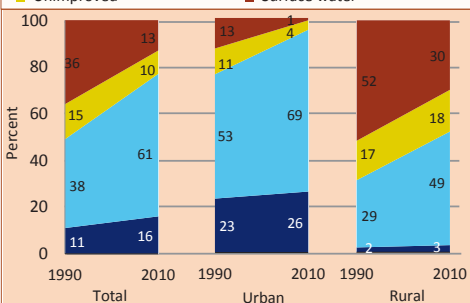


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

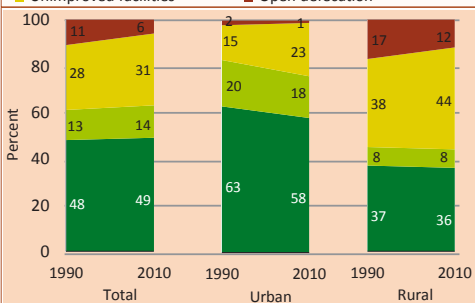
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

Maternity protection in accordance with Convention 183	Partial
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	No
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	Yes

## SYSTEMS AND FINANCING

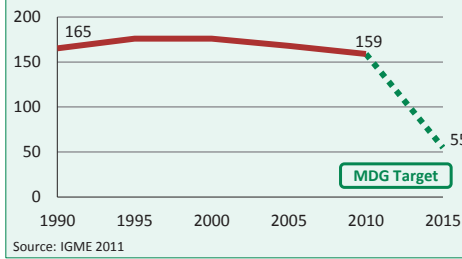
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	17.9	(2004)
National availability of emergency obstetric care services (% of recommended minimum)	29	(2000)
Per capita total expenditure on health (Int\$)	122	(2010)
General government expenditure on health as % of total government expenditure (%)	9	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	66	(2010)
Official development assistance to child health per child (US\$)	8	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	7	(2009)

## DEMOGRAPHICS

Total population (000)	4,401	(2010)
Total under-five population (000)	651	(2010)
Births (000)	154	(2010)
Birth registration (%)	49	(2006)
Total under-five deaths (000)	23	(2010)
Neonatal deaths: % of all under-5 deaths	28	(2010)
Neonatal mortality rate (per 1000 live births)	42	(2010)
Infant mortality rate (per 1000 live births)	106	(2010)
Stillbirth rate (per 1000 total births)	24	(2009)
Total maternal deaths	1,400	(2010)
Lifetime risk of maternal death (1 in N)	26	(2010)
Total fertility rate (per woman)	4.6	(2010)
Adolescent birth rate (per 1000 women)	133	(2003)

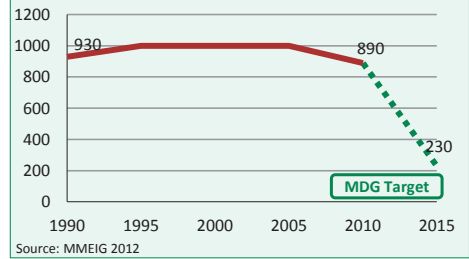
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

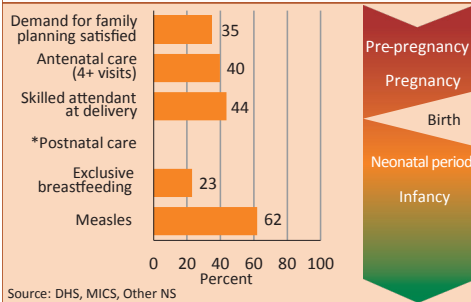
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

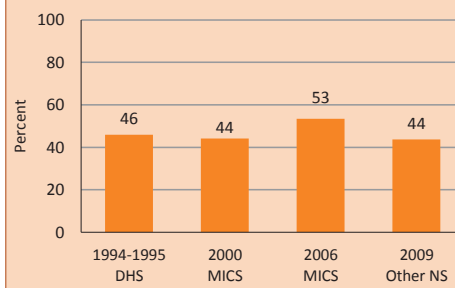
### Coverage along the continuum of care



\* See Annex/website for indicator definition

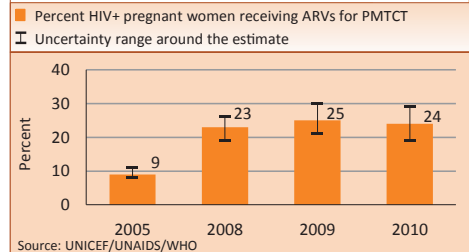
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

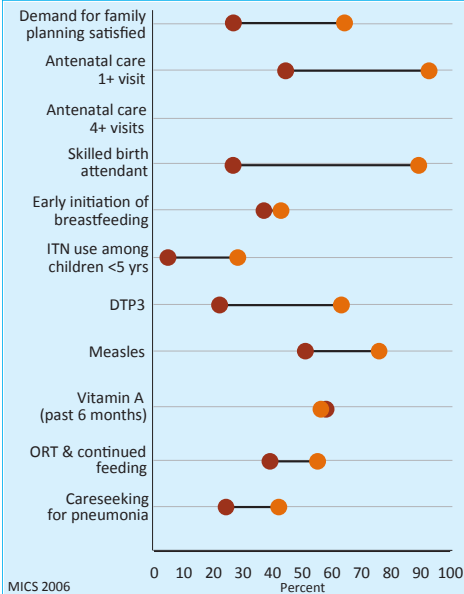
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 52 (2010)



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

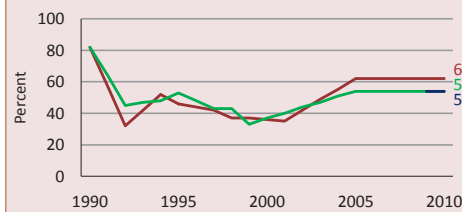


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

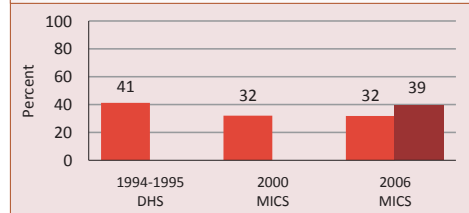
### Immunization

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



### Pneumonia treatment

■ Percent children <5 years with suspected pneumonia taken to appropriate health provider  
■ Percent children <5 years with suspected pneumonia receiving antibiotics

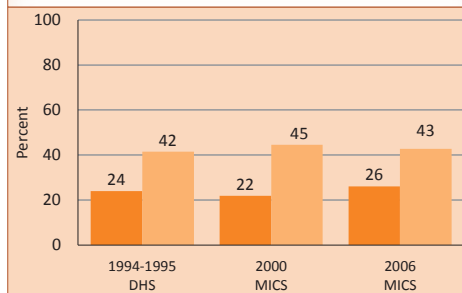


## NUTRITION

Wasting prevalence (moderate and severe, %)	12	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	39	(2006)
Low birthweight incidence (moderate and severe, %)	13	(2006)	Introduction of solid, semi-solid/soft foods (%)	56	(2006)
			Vitamin A supplementation (two dose coverage, %)	0	(2010)

### Underweight and stunting prevalence

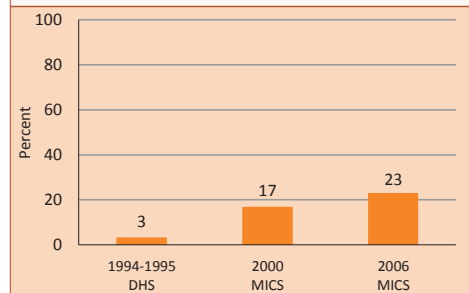
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

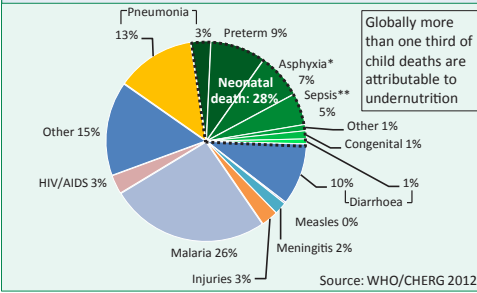
Percent infants <6 months exclusively breastfed





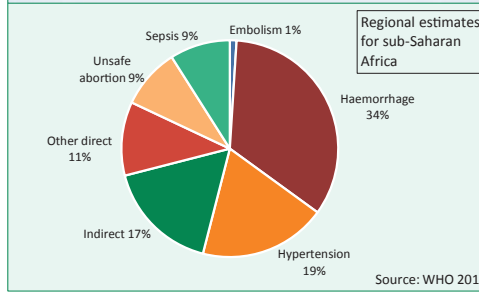
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

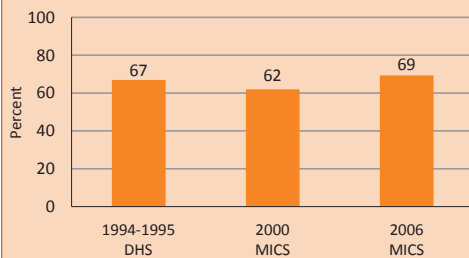
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

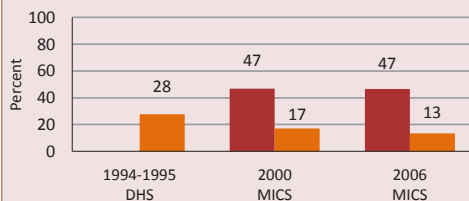


Demand for family planning satisfied (%)	35	(2006)
Antenatal care (4 or more visits, %)	40	(1994 -1995)
Malaria during pregnancy - intermittent preventive treatment (%)	9	(2006)
C-section rate (total, urban, rural, %)	2, 2, 2	(1994 -1995)
Neonatal tetanus vaccine (%)	86	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

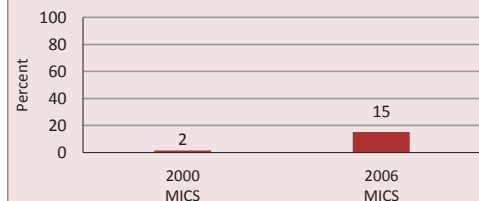
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

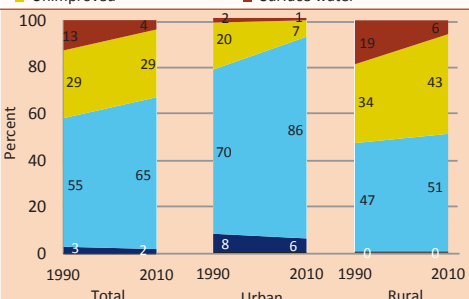
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

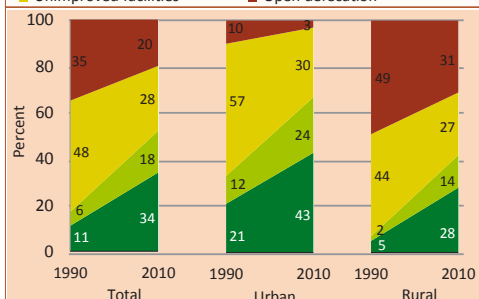
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

Maternity protection in accordance with Convention 183	Partial
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	No
Postnatal home visits in first week of life	No
Community treatment of pneumonia with antibiotics	No
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	-

## SYSTEMS AND FINANCING

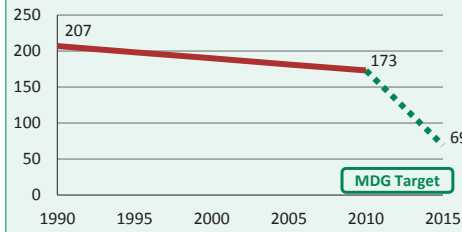
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	4.9 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	31 (2010)
General government expenditure on health as % of total government expenditure (%)	8 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	61 (2010)
Official development assistance to child health per child (US\$)	14 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	15 (2009)

## DEMOGRAPHICS

Total population (000)	11,227	(2010)
Total under-five population (000)	2,006	(2010)
Births (000)	503	(2010)
Birth registration (%)	9	(2004)
Total under-five deaths (000)	80	(2010)
Neonatal deaths: % of all under-5 deaths	26	(2010)
Neonatal mortality rate (per 1000 live births)	41	(2010)
Infant mortality rate (per 1000 live births)	99	(2010)
Stillbirth rate (per 1000 total births)	29	(2009)
Total maternal deaths	5,300	(2010)
Lifetime risk of maternal death (1 in N)	15	(2010)
Total fertility rate (per woman)	6.0	(2010)
Adolescent birth rate (per 1000 women)	193	(2002)

### Under-five mortality rate

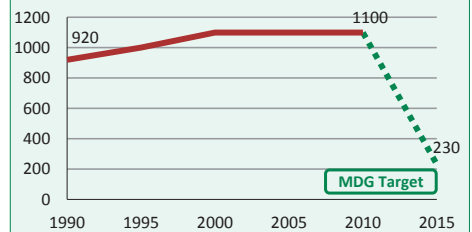
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

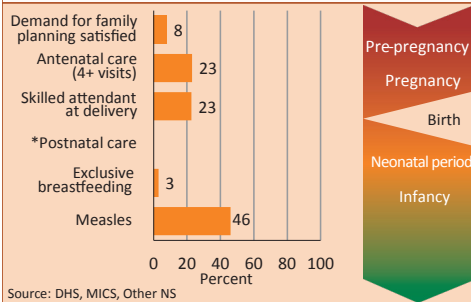


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

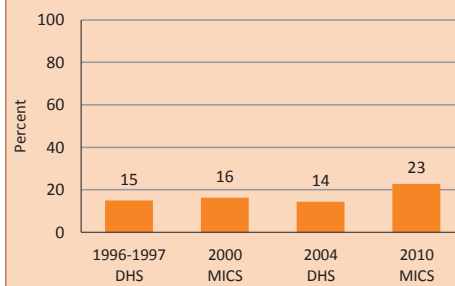


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

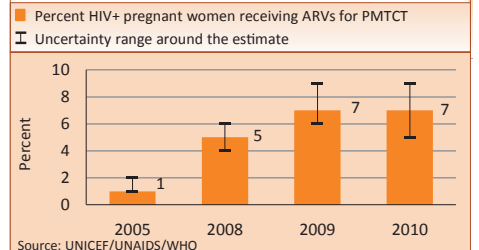
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 39 (2010)

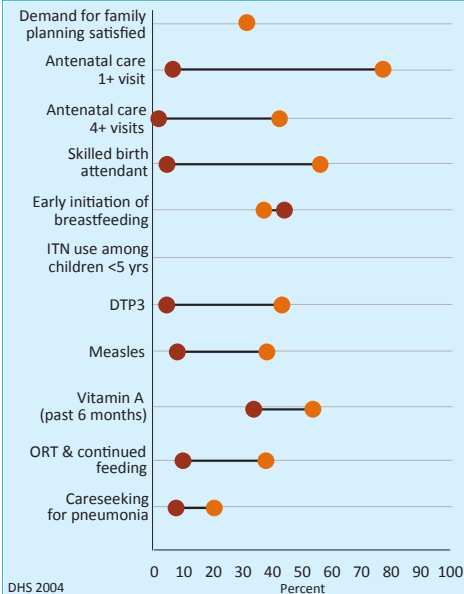


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



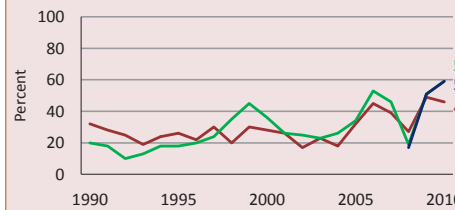
DHS 2004

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 inequity. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

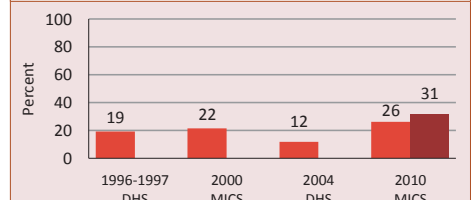
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

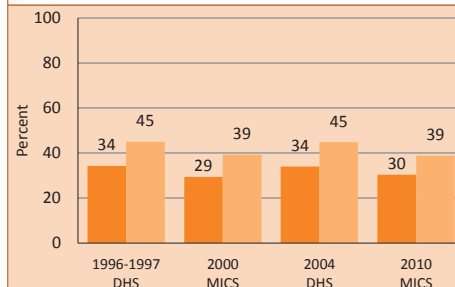


## NUTRITION

Wasting prevalence (moderate and severe, %)	16	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	34	(2004)
Low birthweight incidence (moderate and severe, %)	22	(2004)	Introduction of solid, semi-solid/soft foods (%)	36	(2010)
			Vitamin A supplementation (two dose coverage, %)	68	(2010)

### Underweight and stunting prevalence

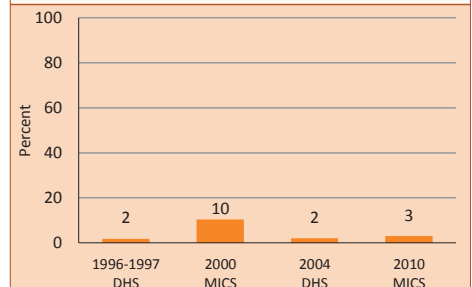
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

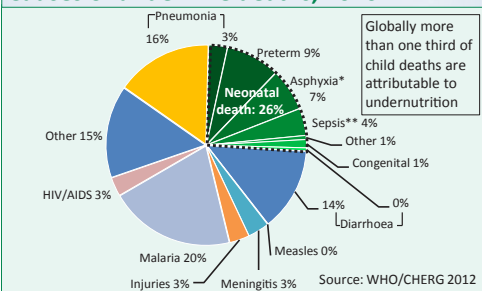
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



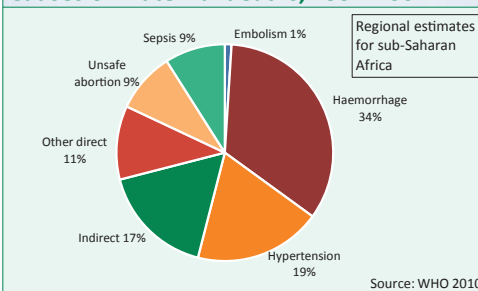
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

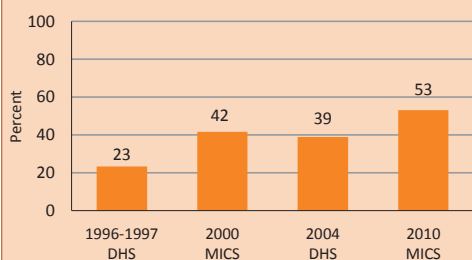
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

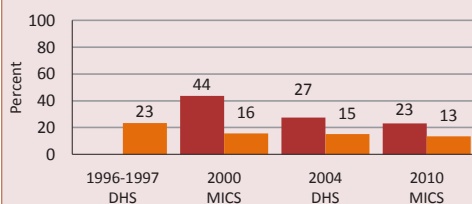


Demand for family planning satisfied (%)	8	(2004)
Antenatal care (4 or more visits, %)	23	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	22	(2010)
C-section rate (total, urban, rural, %)	2, 4, 1	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	60	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

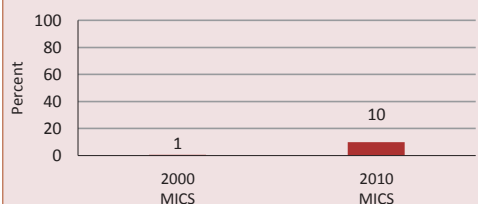
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

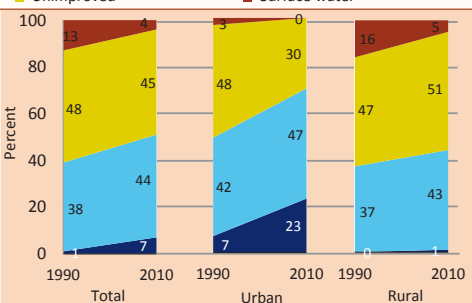
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

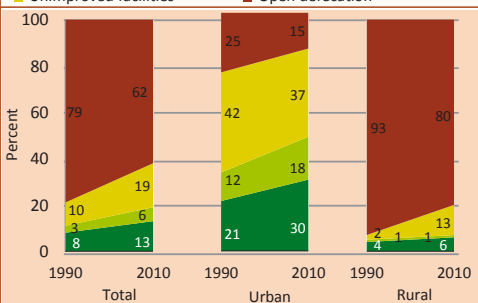
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

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

## SYSTEMS AND FINANCING

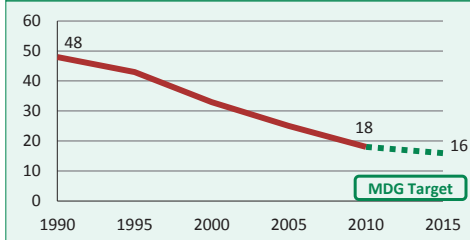
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	3.2 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	20 (2011)
Per capita total expenditure on health (Int\$)	62 (2010)
General government expenditure on health as % of total government expenditure (%)	3 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	73 (2010)
Official development assistance to child health per child (US\$)	10 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	12 (2009)

## DEMOGRAPHICS

Total population (000)	1,341,335	(2010)
Total under-five population (000)	81,596	(2010)
Births (000)	16,486	(2010)
Birth registration (%)	-	-
Total under-five deaths (000)	315	(2010)
Neonatal deaths: % of all under-5 deaths	58	(2010)
Neonatal mortality rate (per 1000 live births)	11	(2010)
Infant mortality rate (per 1000 live births)	16	(2010)
Stillbirth rate (per 1000 total births)	10	(2009)
Total maternal deaths	6,000	(2010)
Lifetime risk of maternal death (1 in N)	1,700	(2010)
Total fertility rate (per woman)	1.6	(2010)
Adolescent birth rate (per 1000 women)	6	(2009)

### Under-five mortality rate

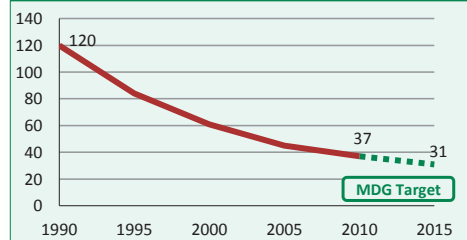
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

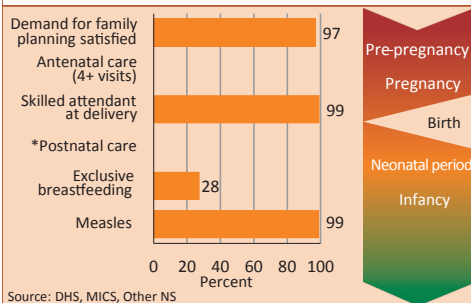


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

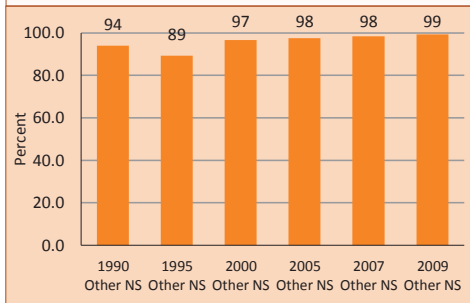


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

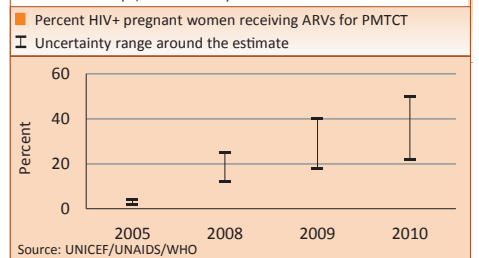
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 0 (2010)

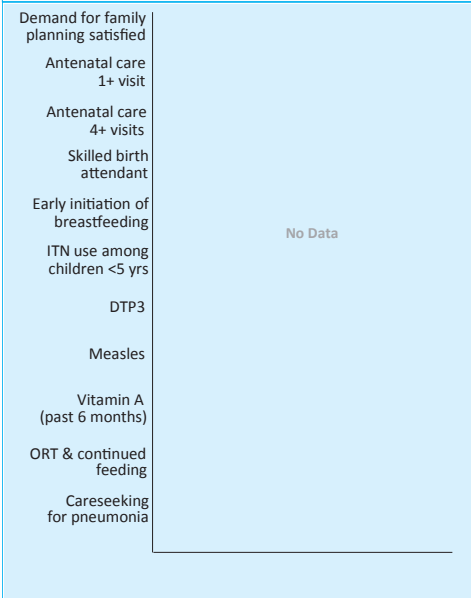


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

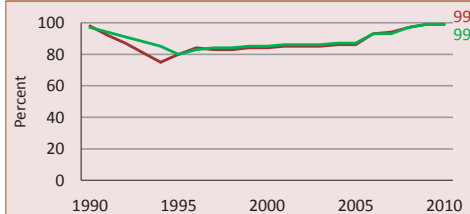


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

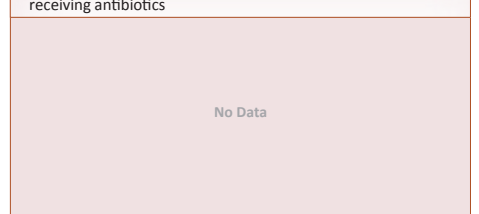
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

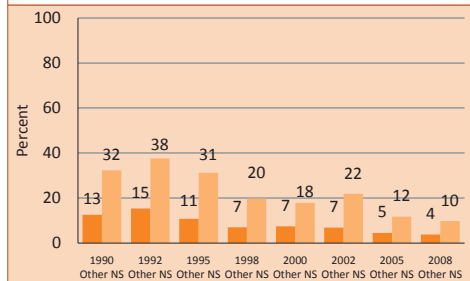


## NUTRITION

Wasting prevalence (moderate and severe, %)	3	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	41	(2008)
Low birthweight incidence (moderate and severe, %)	3	(2008)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	-	-

### Underweight and stunting prevalence

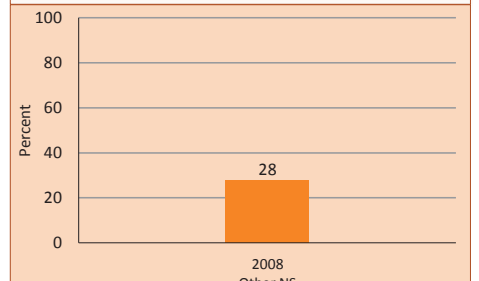
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

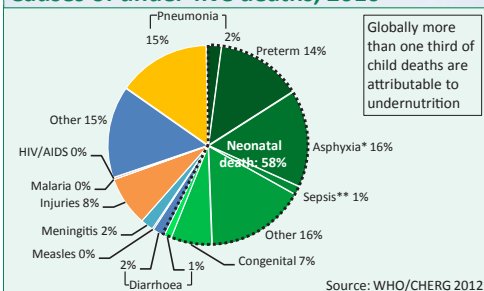
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



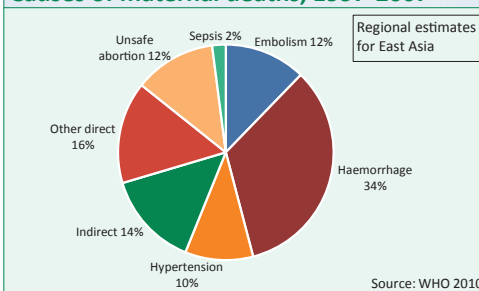
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



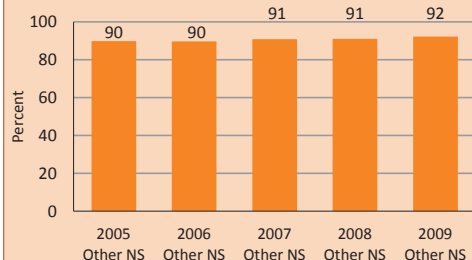
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	97	(2006)
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	27, 51, 22	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not Applicable

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	28	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	-	
Per capita total expenditure on health (Int\$)	379	(2010)
General government expenditure on health as % of total government expenditure (%)	12	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	37	(2010)
Official development assistance to child health per child (US\$)	1	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	1	(2009)

## CHILD HEALTH

### 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

No Data

### Malaria prevention and treatment

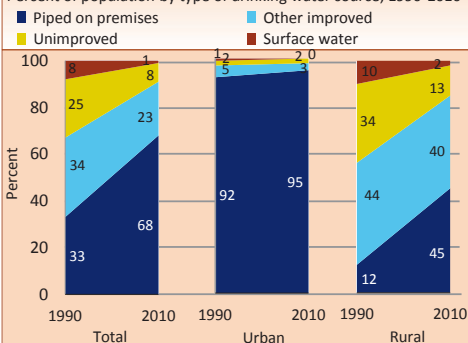
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs

Sub-national risk of malaria transmission

## WATER AND SANITATION

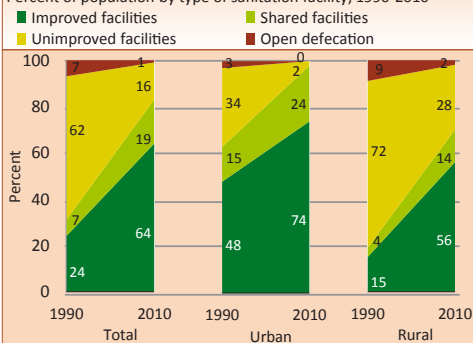
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



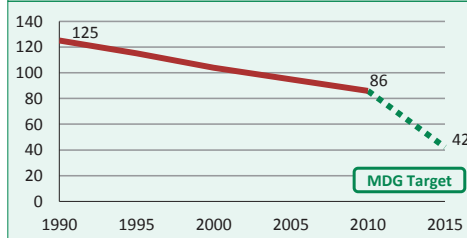


## DEMOGRAPHICS

Total population (000)	735	(2010)
Total under-five population (000)	122	(2010)
Births (000)	28	(2010)
Birth registration (%)	83	(2000)
Total under-five deaths (000)	2	(2010)
Neonatal deaths: % of all under-5 deaths	39	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	63	(2010)
Stillbirth rate (per 1000 total births)	27	(2009)
Total maternal deaths	79	(2010)
Lifetime risk of maternal death (1 in N)	67	(2010)
Total fertility rate (per woman)	4.9	(2010)
Adolescent birth rate (per 1000 women)	95	(2000)

### Under-five mortality rate

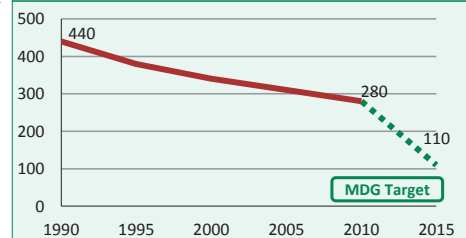
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

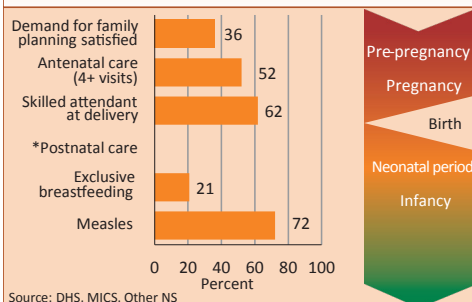


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

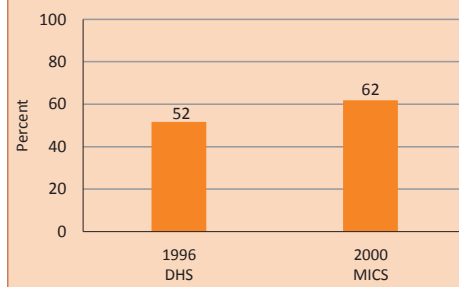


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

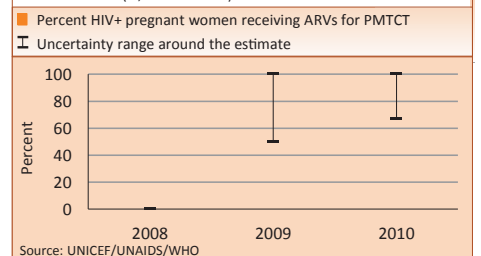
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 100 (2010)

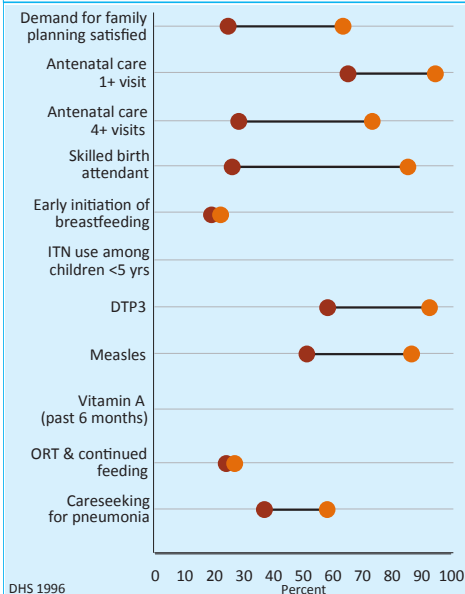


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

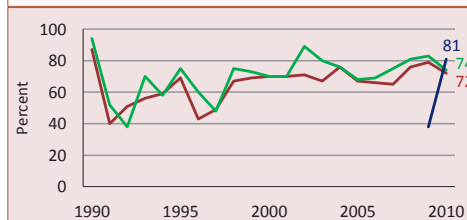


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

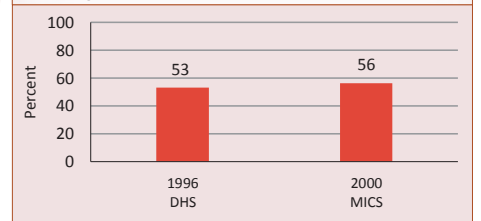
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

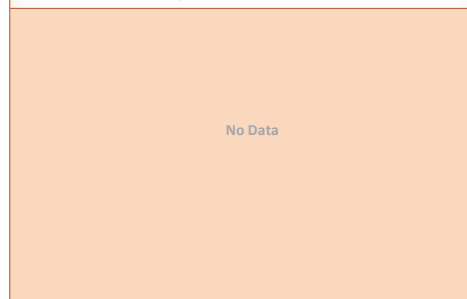


## NUTRITION

Wasting prevalence (moderate and severe, %)	-	Early initiation of breastfeeding (within 1 hr of birth, %)	25	(1996)
Low birthweight incidence (moderate and severe, %)	25	(2000)	Introduction of solid, semi-solid/soft foods (%)	-
			Vitamin A supplementation (two dose coverage, %)	18
				(2010)

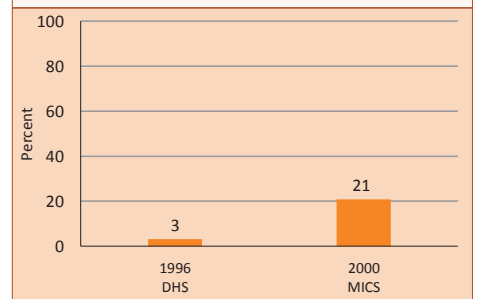
### Underweight and stunting prevalence

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



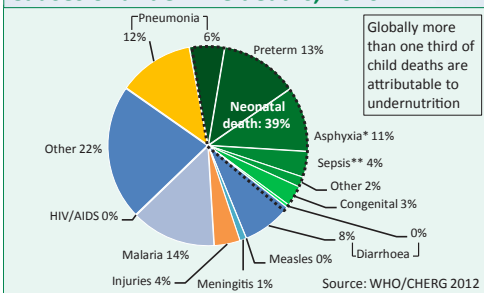
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



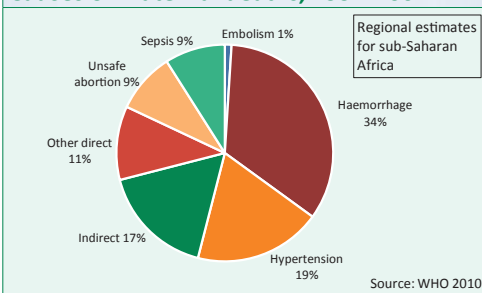
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



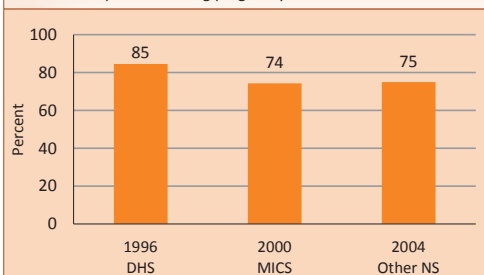
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	36	(2000)
Antenatal care (4 or more visits, %)	52	(1996)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	5, 9, 4	(1996)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

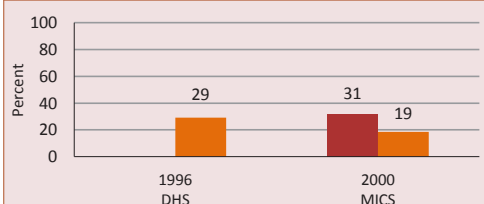
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	-	-
Density of doctors, nurses and midwives (per 10,000 population)	8.9	(2004)
National availability of emergency obstetric care services (% of recommended minimum)	33	(2005)
Per capita total expenditure on health (Int\$)	49	(2010)
General government expenditure on health as % of total government expenditure (%)	13	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	33	(2010)
Official development assistance to child health per child (US\$)	9	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	29	(2009)

## CHILD HEALTH

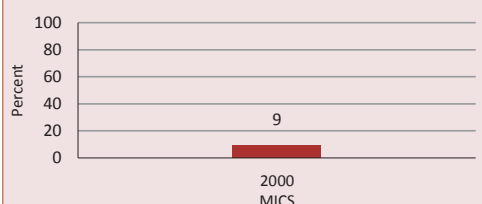
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

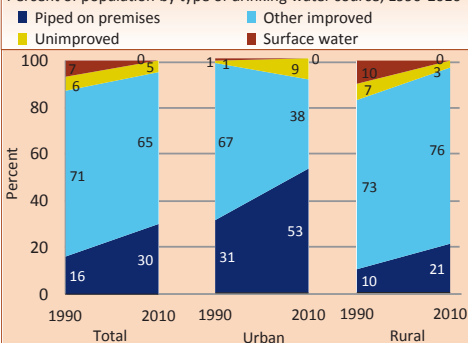
■ Percent of children receiving first line treatment among those receiving any antimalarial  
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

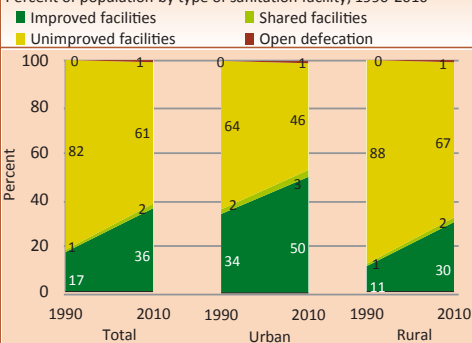
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

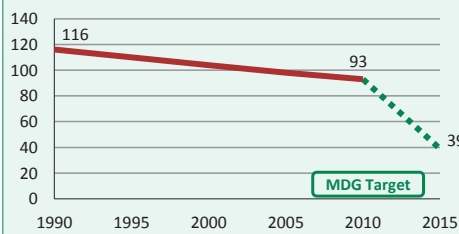


## DEMOGRAPHICS

Total population (000)	4,043	(2010)
Total under-five population (000)	623	(2010)
Births (000)	142	(2010)
Birth registration (%)	81	(2005)
Total under-five deaths (000)	13	(2010)
Neonatal deaths: % of all under-5 deaths	32	(2010)
Neonatal mortality rate (per 1000 live births)	29	(2010)
Infant mortality rate (per 1000 live births)	61	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	800	(2010)
Lifetime risk of maternal death (1 in N)	39	(2010)
Total fertility rate (per woman)	4.5	(2010)
Adolescent birth rate (per 1000 women)	132	(2003)

### Under-five mortality rate

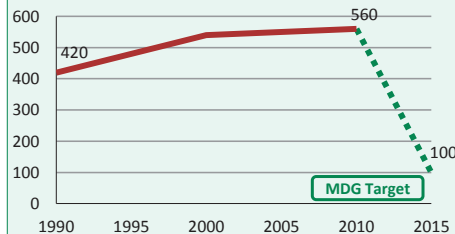
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

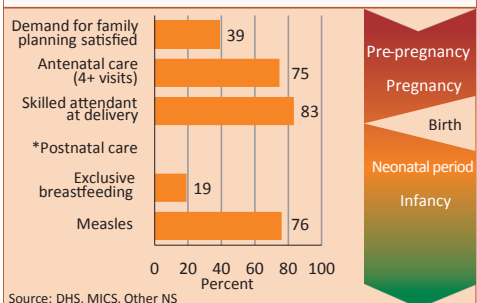


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

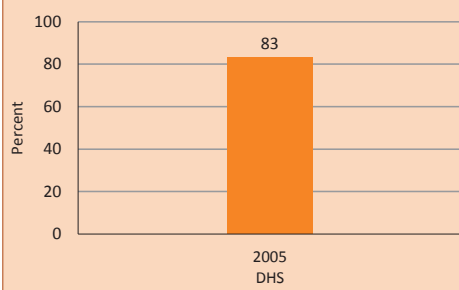


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

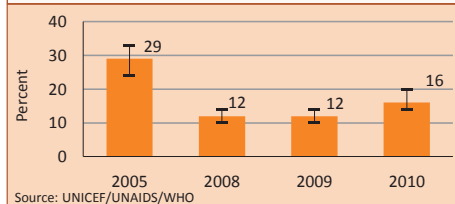
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
 ▭ Uncertainty range around the estimate

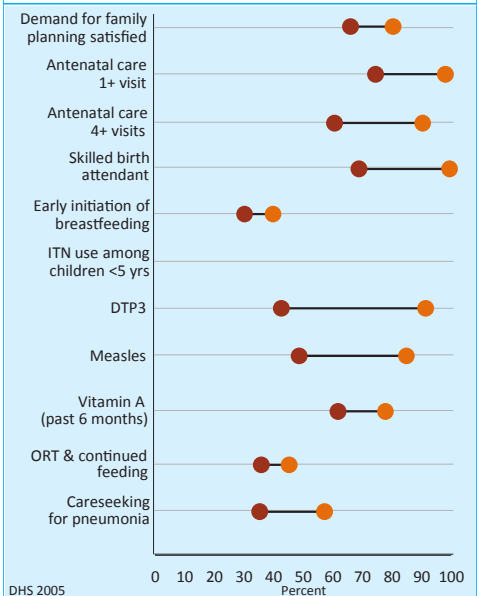


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



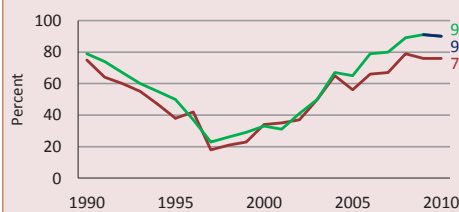
DHS 2005

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.

## CHILD HEALTH

### Immunization

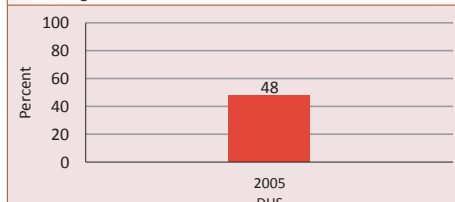
■ Percent of children immunized against measles  
 ■ Percent of children immunized with 3 doses DTP  
 ■ Percent of children immunized with 3 doses Hib



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

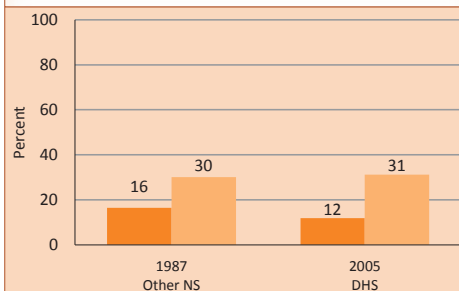


## NUTRITION

Wasting prevalence (moderate and severe, %)	8	(2005)	Early initiation of breastfeeding (within 1 hr of birth, %)	39	(2005)
Low birthweight incidence (moderate and severe, %)	13	(2005)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	84	(2010)

### Underweight and stunting prevalence

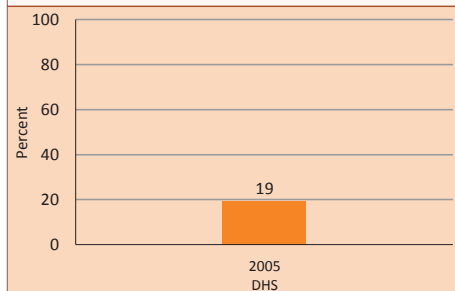
■ Percent children <5 years who are underweight  
 ■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

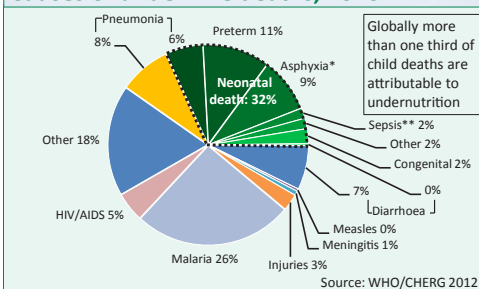
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



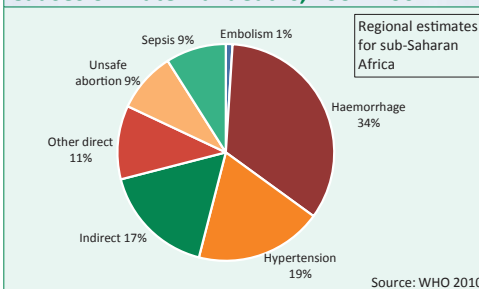
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



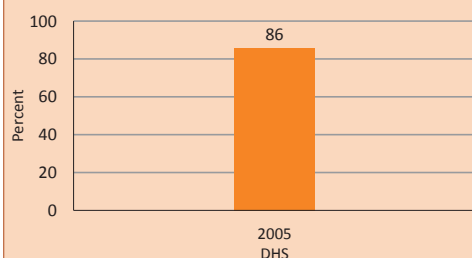
## POLICIES

Maternity protection in accordance with Convention 183	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	No
Postnatal home visits in first week of life	No
Community treatment of pneumonia with antibiotics	No
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	Partial

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	39	(2005)
Antenatal care (4 or more visits, %)	75	(2005)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	3, 4, 2	(2005)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	83	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

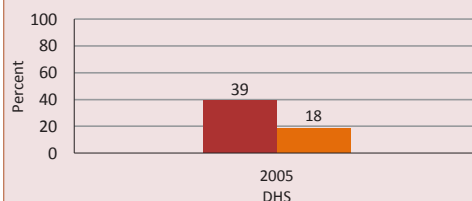
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	9.2 (2007)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	104 (2010)
General government expenditure on health as % of total government expenditure (%)	5 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	53 (2010)
Official development assistance to child health per child (US\$)	6 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	6 (2009)

## CHILD HEALTH

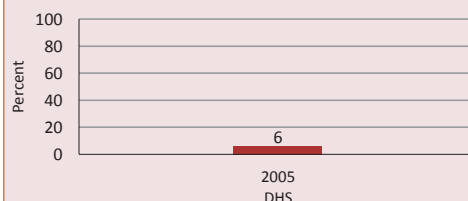
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

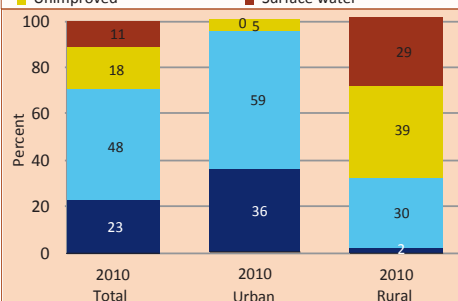
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

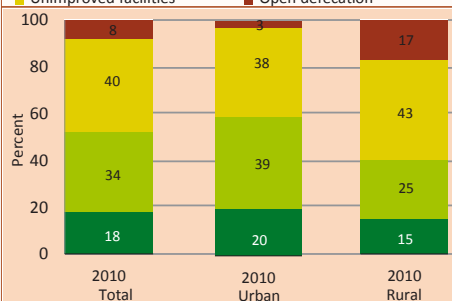
- Percent of population by type of drinking water source, 2010\*
- Piped on premises
- Unimproved
- Other improved
- Surface water



\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

- Percent of population by type of sanitation facility, 2010\*
- Improved facilities
- Unimproved facilities
- Shared facilities
- Open defecation



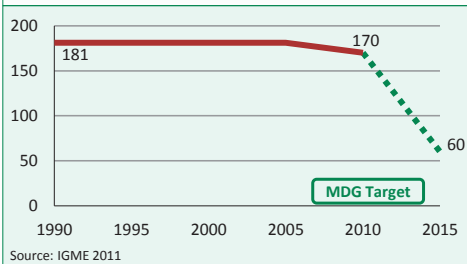
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	65,966	(2010)
Total under-five population (000)	11,848	(2010)
Births (000)	2,873	(2010)
Birth registration (%)	28	(2010)
Total under-five deaths (000)	465	(2010)
Neonatal deaths: % of all under-5 deaths	29	(2010)
Neonatal mortality rate (per 1000 live births)	46	(2010)
Infant mortality rate (per 1000 live births)	112	(2010)
Stillbirth rate (per 1000 total births)	29	(2009)
Total maternal deaths	15,000	(2010)
Lifetime risk of maternal death (1 in N)	30	(2010)
Total fertility rate (per woman)	5.8	(2010)
Adolescent birth rate (per 1000 women)	135	(2009)

### Under-five mortality rate

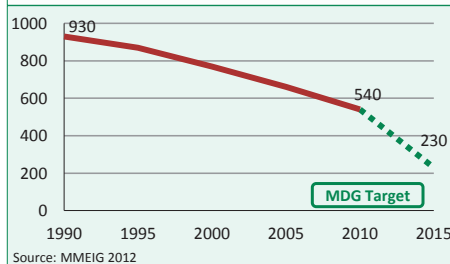
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

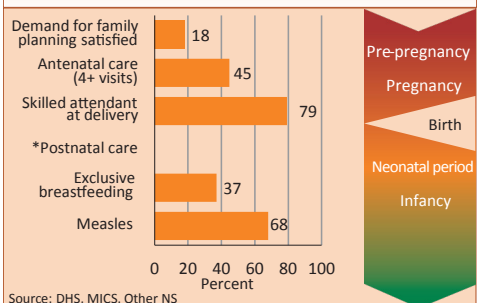


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

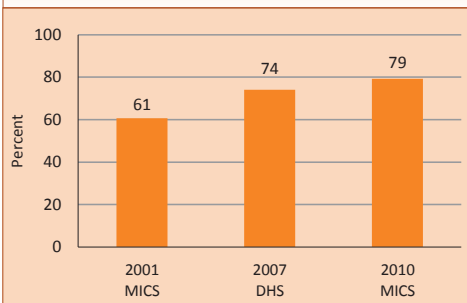


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

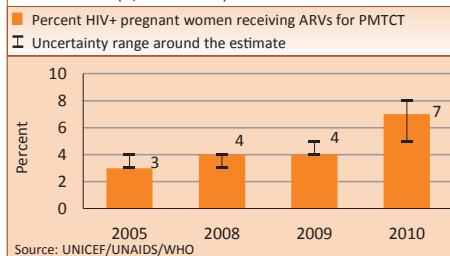
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

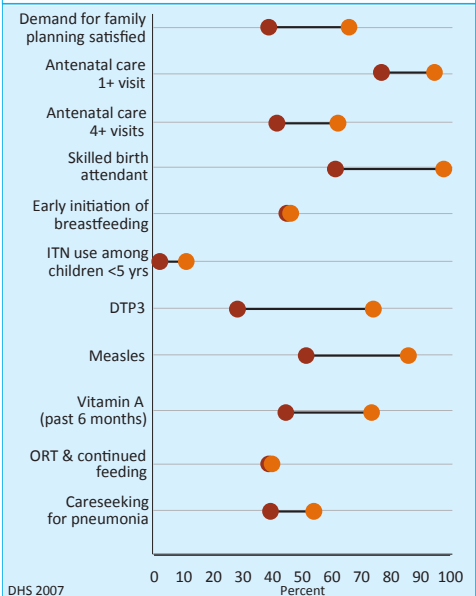


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



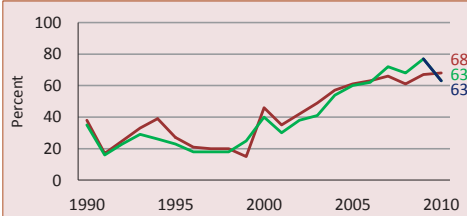
DHS 2007

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.

## CHILD HEALTH

### Immunization

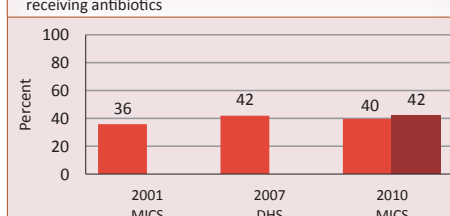
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

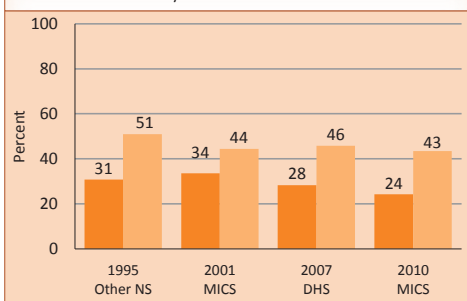


## NUTRITION

Wasting prevalence (moderate and severe, %)	9	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	43	(2010)
Low birthweight incidence (moderate and severe, %)	10	(2010)	Introduction of solid, semi-solid/soft foods (%)	52	(2010)
			Vitamin A supplementation (two dose coverage, %)	83	(2010)

### Underweight and stunting prevalence

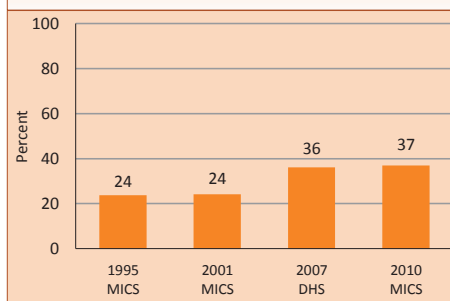
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

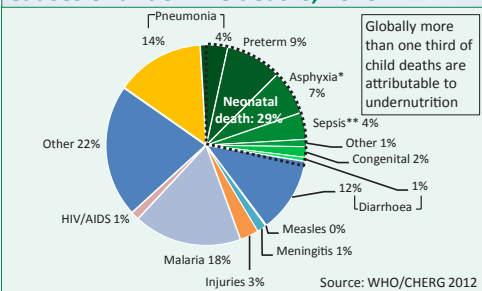
Percent infants <6 months exclusively breastfed





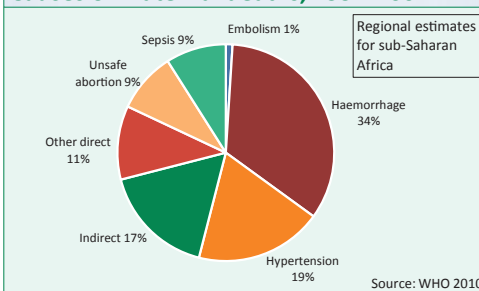
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

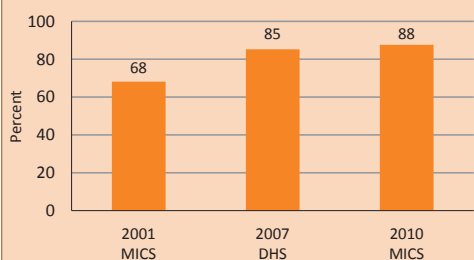
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

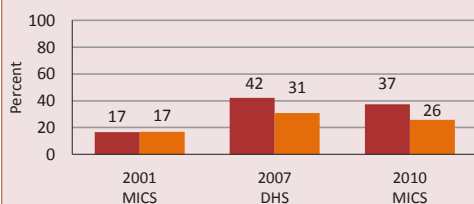


Demand for family planning satisfied (%)	18	(2007)
Antenatal care (4 or more visits, %)	45	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	21	(2010)
C-section rate (total, urban, rural; %)	7, 10, 5	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	77	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	17	(2007)

## CHILD HEALTH

### Diarrhoeal disease treatment

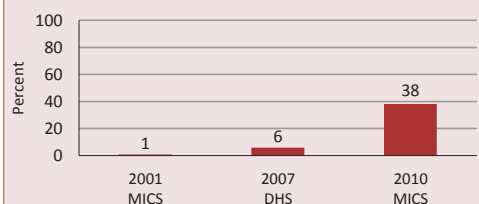
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

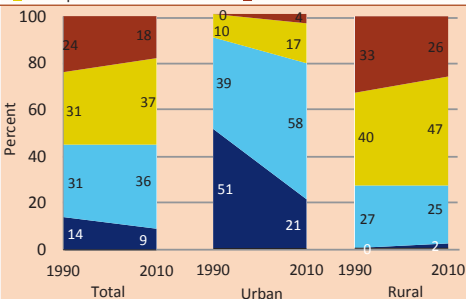
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

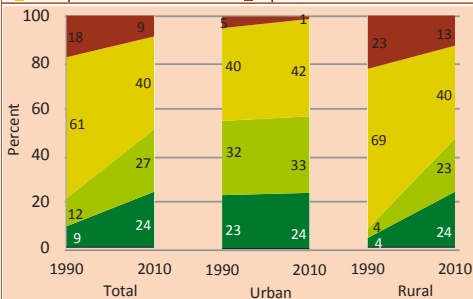
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

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

## SYSTEMS AND FINANCING

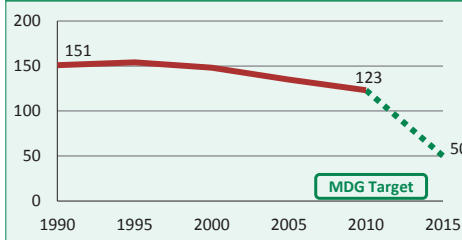
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	6.4 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	170 (2010)
General government expenditure on health as % of total government expenditure (%)	9 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	36 (2010)
Official development assistance to child health per child (US\$)	13 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	17 (2009)

## DEMOGRAPHICS

Total population (000)	19,738	(2010)
Total under-five population (000)	2,969	(2010)
Births (000)	673	(2010)
Birth registration (%)	55	(2006)
Total under-five deaths (000)	80	(2010)
Neonatal deaths: % of all under-5 deaths	34	(2010)
Neonatal mortality rate (per 1000 live births)	41	(2010)
Infant mortality rate (per 1000 live births)	86	(2010)
Stillbirth rate (per 1000 total births)	27	(2009)
Total maternal deaths	2,700	(2010)
Lifetime risk of maternal death (1 in N)	53	(2010)
Total fertility rate (per woman)	4.4	(2010)
Adolescent birth rate (per 1000 women)	111	(2006)

### Under-five mortality rate

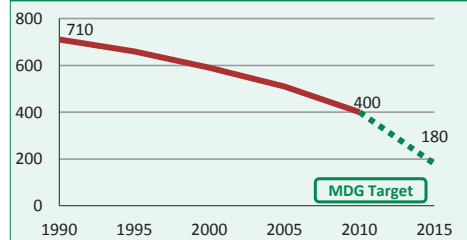
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

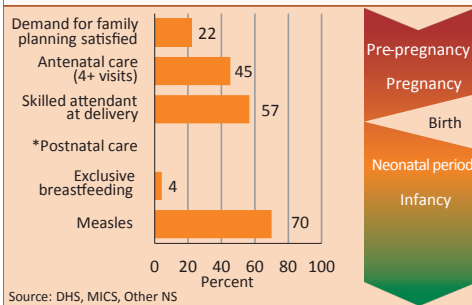


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

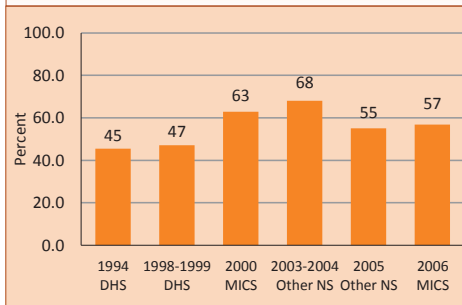


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

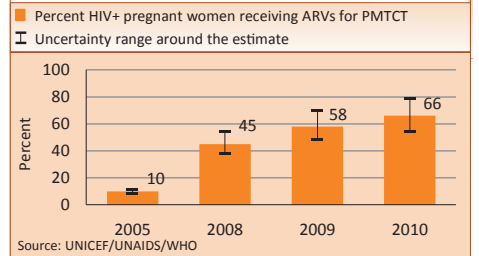
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

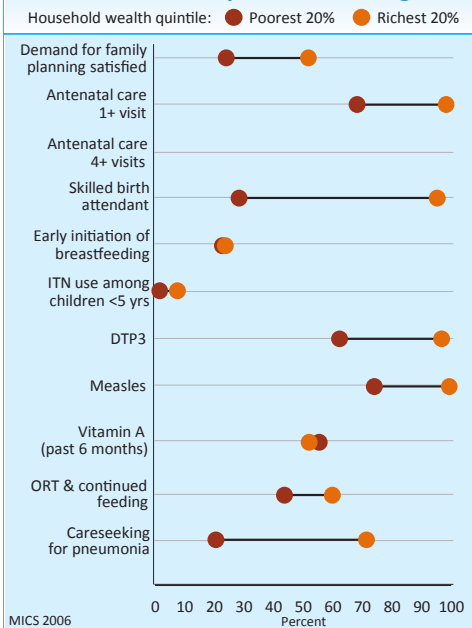
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 17 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

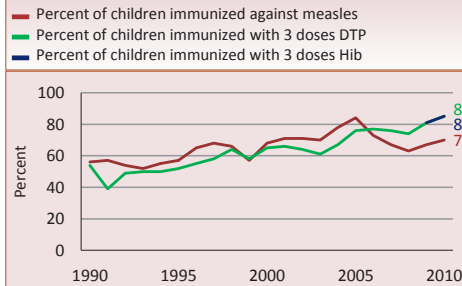
### Socioeconomic inequities in coverage



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.

## CHILD HEALTH

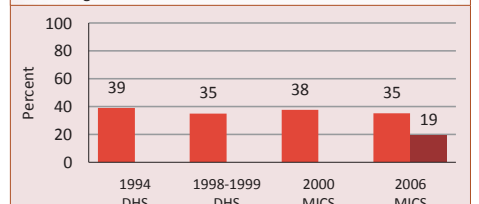
### Immunization



Source: WHO/UNICEF

### Pneumonia treatment

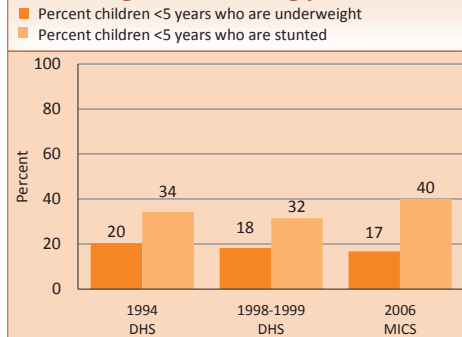
Percent children <5 years with suspected pneumonia taken to appropriate health provider



## NUTRITION

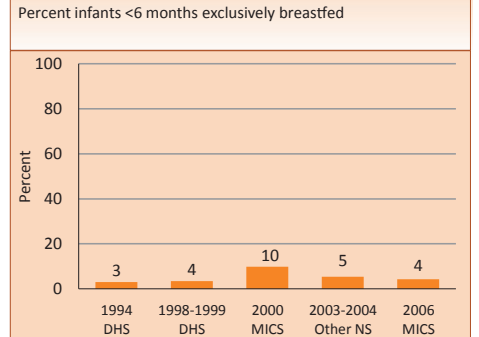
Wasting prevalence (moderate and severe, %)	9	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	25	(2006)
Low birthweight incidence (moderate and severe, %)	17	(2006)	Introduction of solid, semi-solid/soft foods (%)	51	(2006)
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence



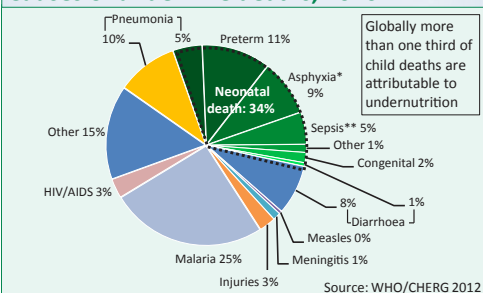
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

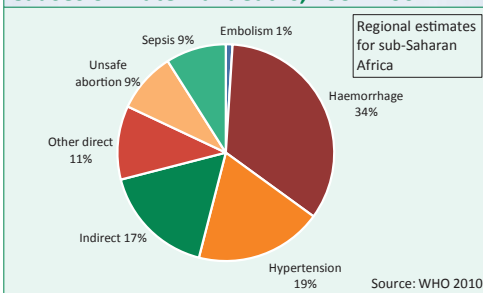


DEMOGRAPHICS

Causes of under-five deaths, 2010



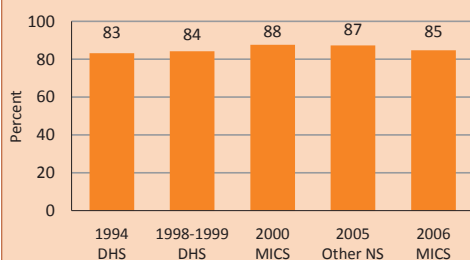
Causes of maternal deaths, 1997-2007



MATERNAL AND NEWBORN HEALTH

Antenatal care

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

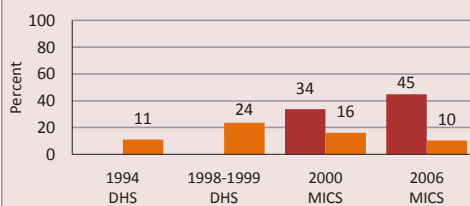


Demand for family planning satisfied (%)	22	(2006)
Antenatal care (4 or more visits, %)	45	(2005)
Malaria during pregnancy - intermittent preventive treatment (%)	8	(2006)
C-section rate (total, urban, rural; %)	6, 8, 6	(2005)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	82	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

CHILD HEALTH

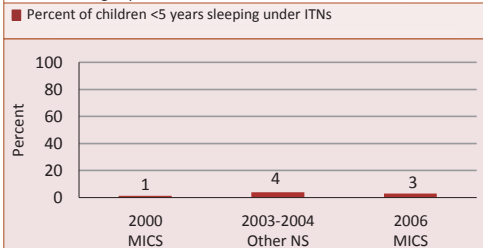
Diarrhoeal disease treatment

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



Malaria prevention and treatment

■ Percent of children <5 years sleeping under ITNs

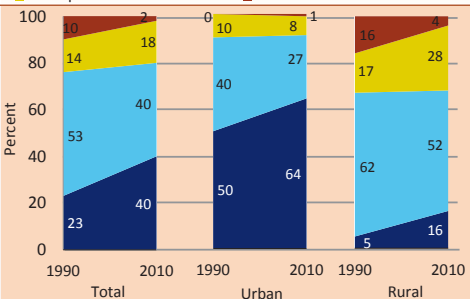


WATER AND SANITATION

Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

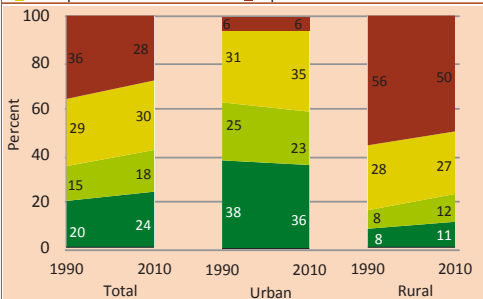
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



POLICIES

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

SYSTEMS AND FINANCING

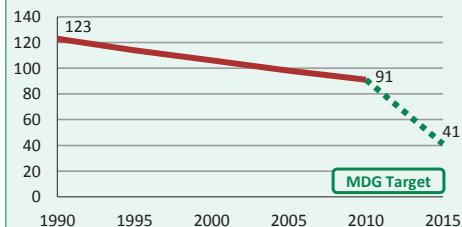
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	6.2	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	7	(2010)
Per capita total expenditure on health (Int\$)	98	(2010)
General government expenditure on health as % of total government expenditure (%)	5	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	77	(2010)
Official development assistance to child health per child (US\$)	10	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	9	(2009)

## DEMOGRAPHICS

Total population (000)	889	(2010)
Total under-five population (000)	113	(2010)
Births (000)	26	(2010)
Birth registration (%)	89	(2006)
Total under-five deaths (000)	2	(2010)
Neonatal deaths: % of all under-5 deaths	38	(2010)
Neonatal mortality rate (per 1000 live births)	34	(2010)
Infant mortality rate (per 1000 live births)	73	(2010)
Stillbirth rate (per 1000 total births)	34	(2009)
Total maternal deaths	51	(2010)
Lifetime risk of maternal death (1 in N)	140	(2010)
Total fertility rate (per woman)	3.8	(2010)
Adolescent birth rate (per 1000 women)	27	(2000)

### Under-five mortality rate

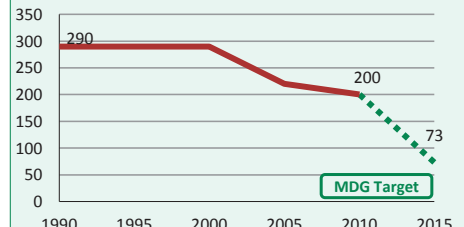
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

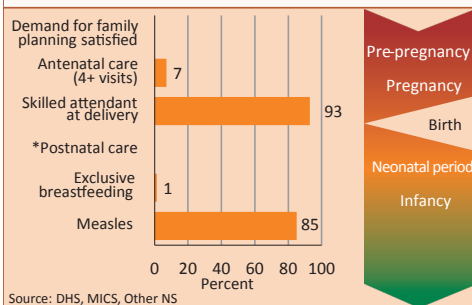


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

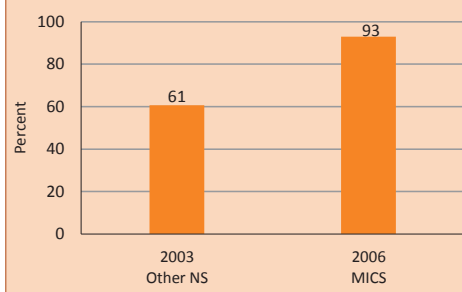


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

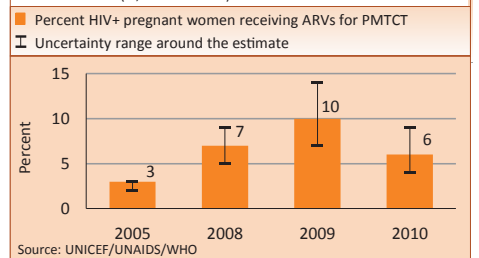
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 100 (2010)

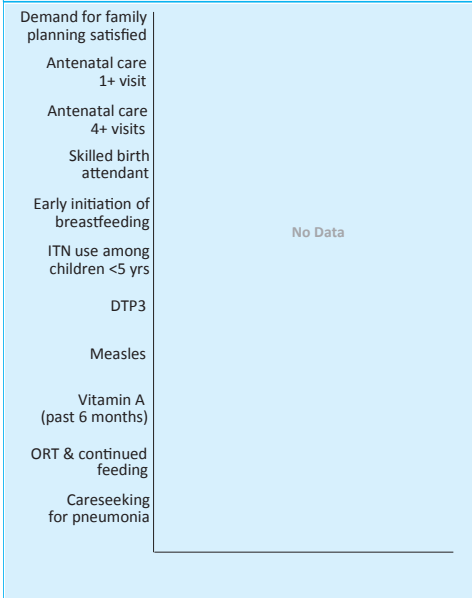


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

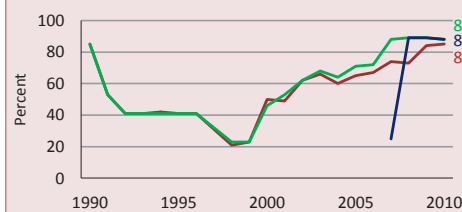


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

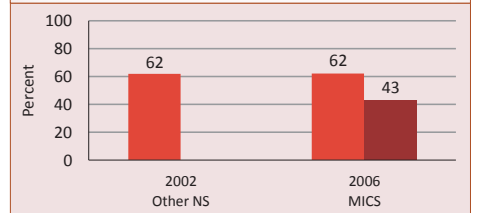
— Percent of children immunized against measles  
— Percent of children immunized with 3 doses DTP  
— Percent of children immunized with 3 doses Hib



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

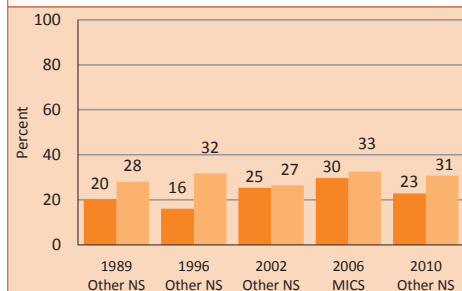


## NUTRITION

Wasting prevalence (moderate and severe, %)	10	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	67	(2010)
Low birthweight incidence (moderate and severe, %)	10	(2006)	Introduction of solid, semi-solid/soft foods (%)	35	(2006)
			Vitamin A supplementation (two dose coverage, %)	95	(2010)

### Underweight and stunting prevalence

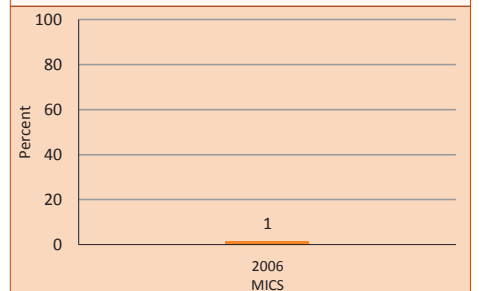
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

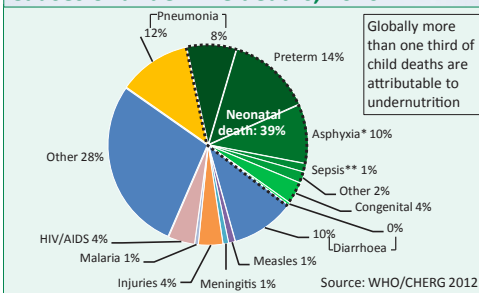
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



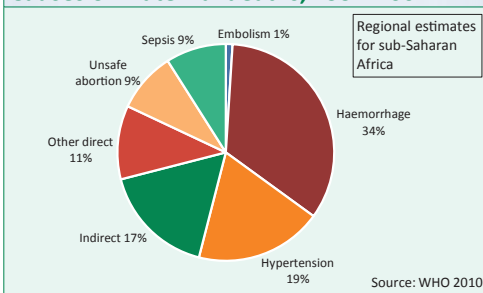
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



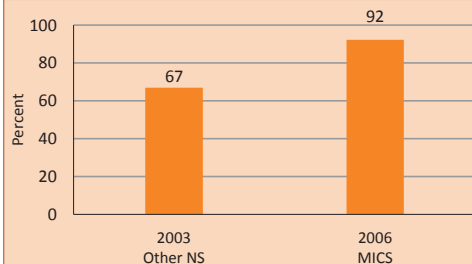
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	7	(2002)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	12, -, -	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	79	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

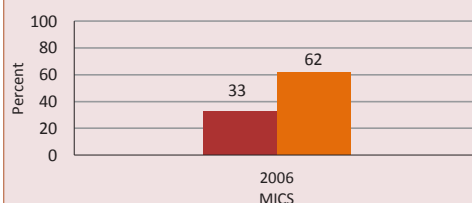
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	10.3 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	50 (2004)
Per capita total expenditure on health (Int\$)	289 (2010)
General government expenditure on health as % of total government expenditure (%)	14 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	34 (2010)
Official development assistance to child health per child (US\$)	41 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	108 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

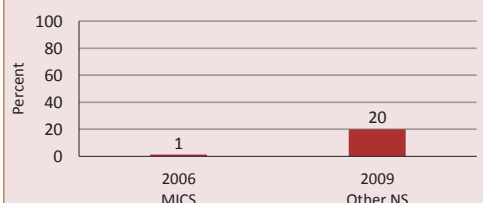
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

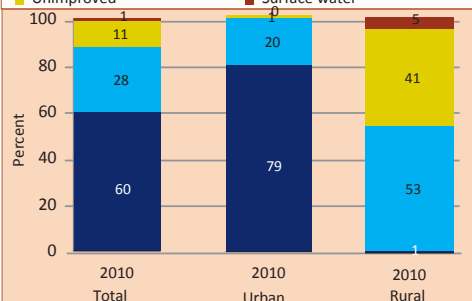


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 2010\*

- Piped on premises
- Other improved
- Unimproved
- Surface water



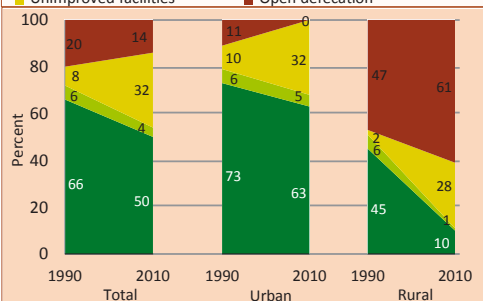
Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

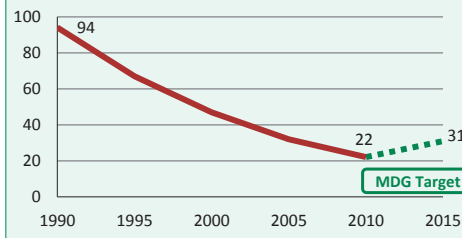


## DEMOGRAPHICS

Total population (000)	81,121	(2010)
Total under-five population (000)	9,008	(2010)
Births (000)	1,881	(2010)
Birth registration (%)	99	(2005)
Total under-five deaths (000)	41	(2010)
Neonatal deaths: % of all under-5 deaths	44	(2010)
Neonatal mortality rate (per 1000 live births)	9	(2010)
Infant mortality rate (per 1000 live births)	19	(2010)
Stillbirth rate (per 1000 total births)	13	(2009)
Total maternal deaths	1,200	(2010)
Lifetime risk of maternal death (1 in N)	490	(2010)
Total fertility rate (per woman)	2.7	(2010)
Adolescent birth rate (per 1000 women)	50	(2006)

### Under-five mortality rate

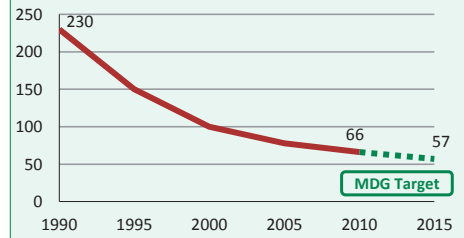
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

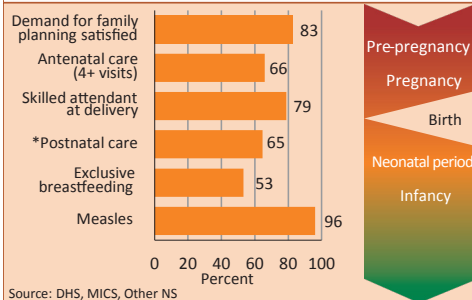


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

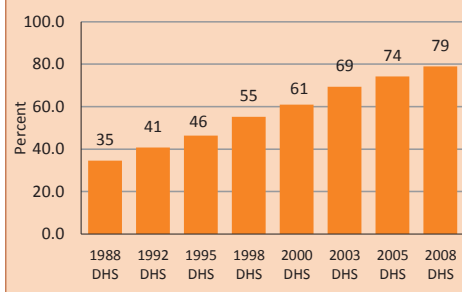


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

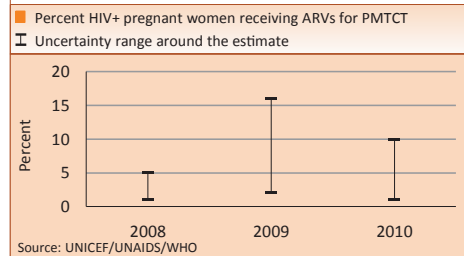
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

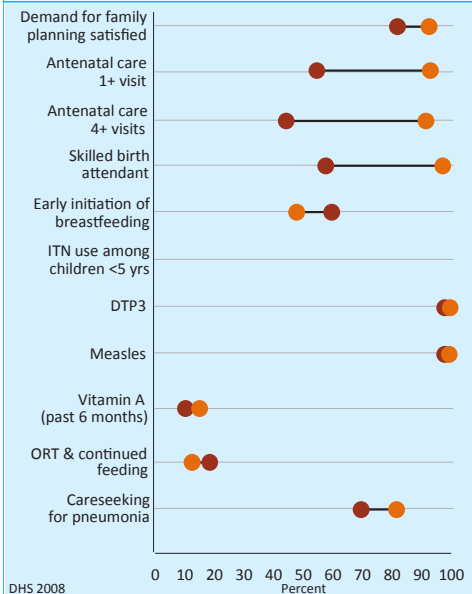


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



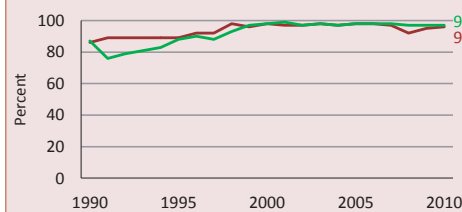
DHS 2008

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.

## CHILD HEALTH

### Immunization

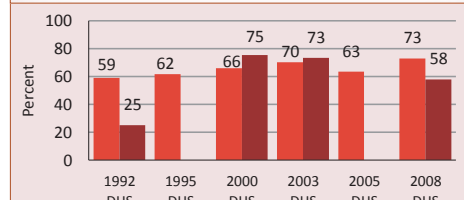
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

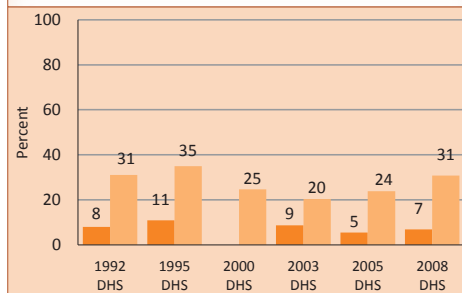


## NUTRITION

Wasting prevalence (moderate and severe, %)	8	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	43	(2005)
Low birthweight incidence (moderate and severe, %)	13	(2008)	Introduction of solid, semi-solid/soft foods (%)	70	(2008)
			Vitamin A supplementation (two dose coverage, %)	68	(2008)

### Underweight and stunting prevalence

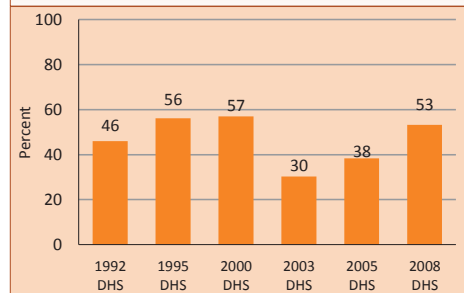
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

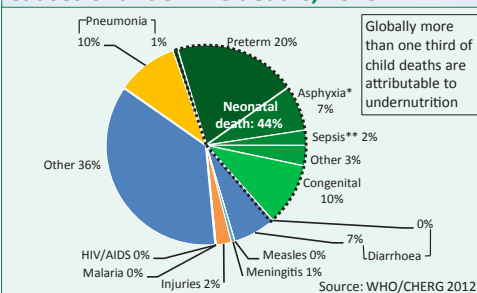
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

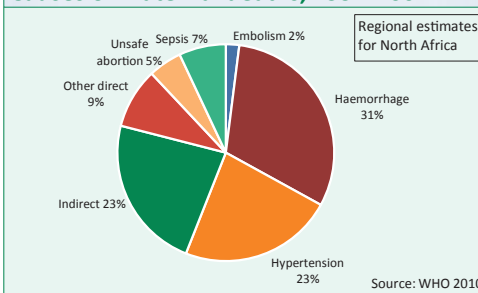


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



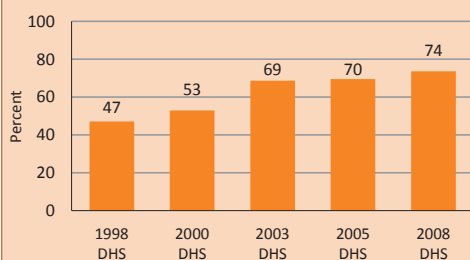
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



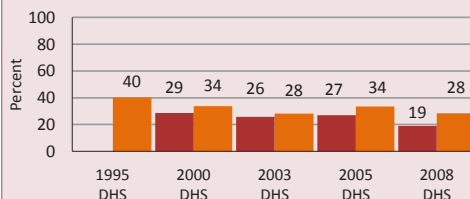
Demand for family planning satisfied (%)	83	(2008)
Antenatal care (4 or more visits, %)	66	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	28, 37, 22	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	86	(2010)
Postnatal visit for baby (within 2 days for all births, %)	8	(2008)
Postnatal visit for mother (within 2 days for all births, %)	65	(2008)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	1	(2008)

\*Not applicable

## CHILD HEALTH

### 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



### Malaria prevention and treatment

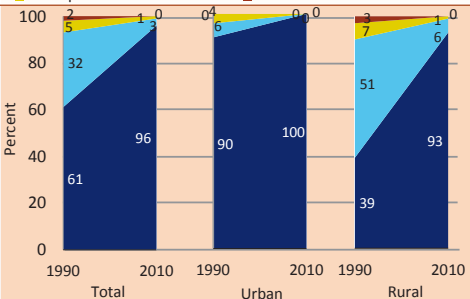
Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-

Very limited risk of malaria transmission

## WATER AND SANITATION

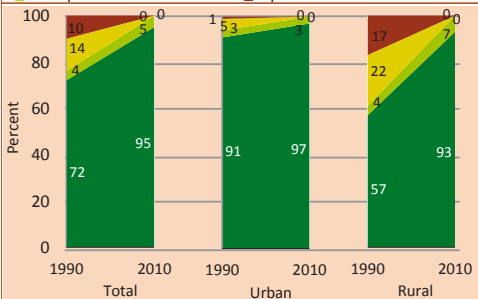
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

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

## SYSTEMS AND FINANCING

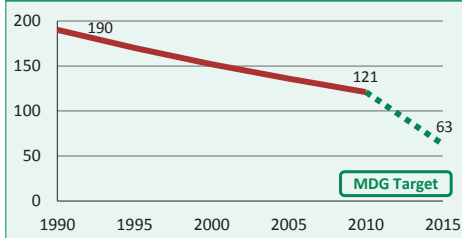
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	63.5	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	1,545	(2010)
General government expenditure on health as % of total government expenditure (%)	6	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	61	(2010)
Official development assistance to child health per child (US\$)	1	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	6	(2009)

## DEMOGRAPHICS

Total population (000)	700	(2010)
Total under-five population (000)	107	(2010)
Births (000)	26	(2010)
Birth registration (%)	32	(2000)
Total under-five deaths (000)	3	(2010)
Neonatal deaths: % of all under-5 deaths	31	(2010)
Neonatal mortality rate (per 1000 live births)	35	(2010)
Infant mortality rate (per 1000 live births)	81	(2010)
Stillbirth rate (per 1000 total births)	17	(2009)
Total maternal deaths	61	(2010)
Lifetime risk of maternal death (1 in N)	88	(2010)
Total fertility rate (per woman)	5.2	(2010)
Adolescent birth rate (per 1000 women)	128	(2001)

### Under-five mortality rate

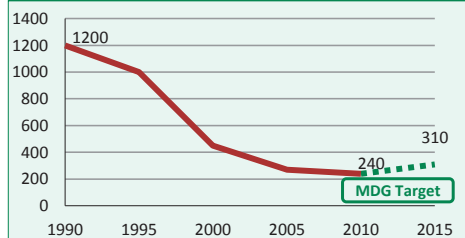
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

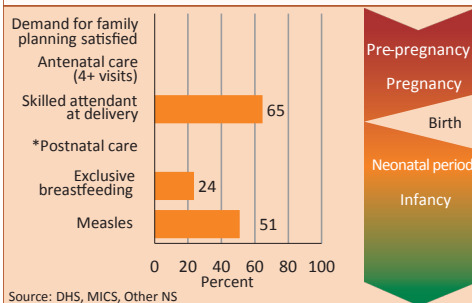


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

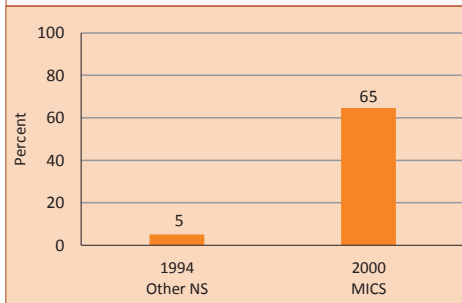


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

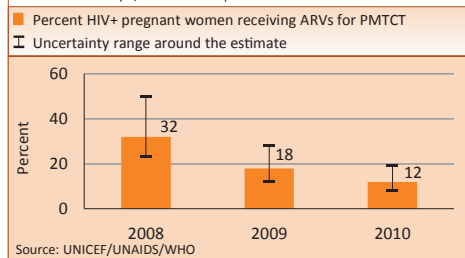
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 20 (2010)

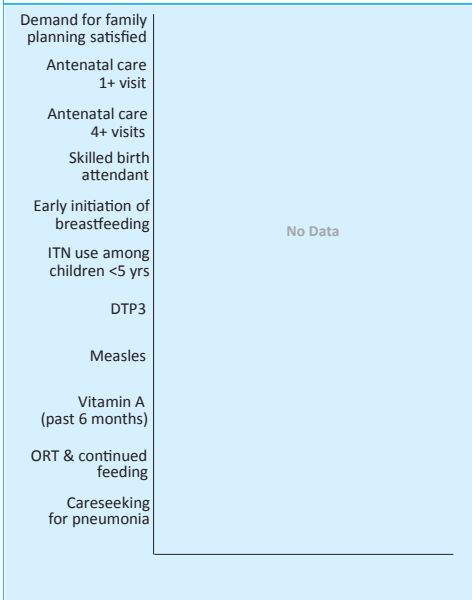


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

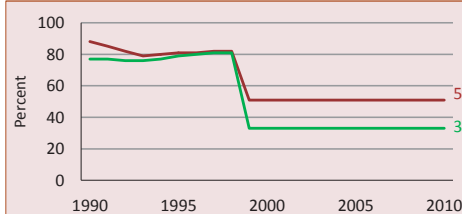


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

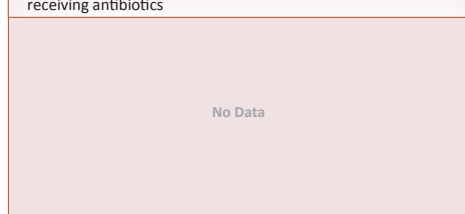
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



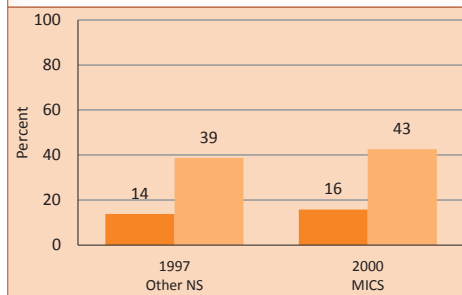
Source: UNICEF/UNAIDS/WHO

## NUTRITION

Wasting prevalence (moderate and severe, %)	9	(2000)	Early initiation of breastfeeding (within 1 hr of birth, %)	-	-
Low birthweight incidence (moderate and severe, %)	13	(2000)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	0	(2010)

### Underweight and stunting prevalence

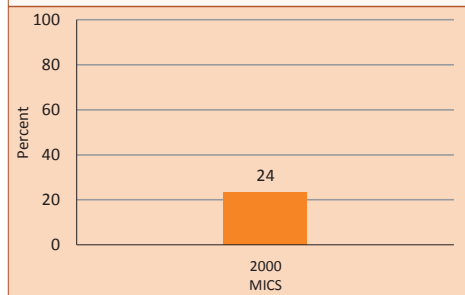
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

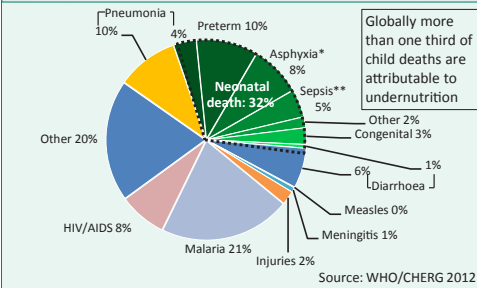
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



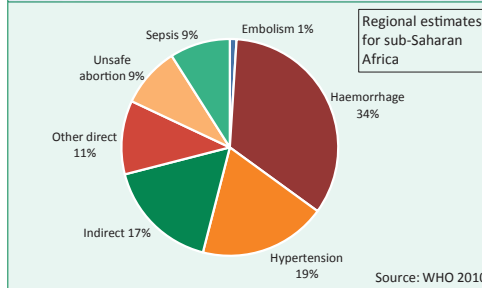
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



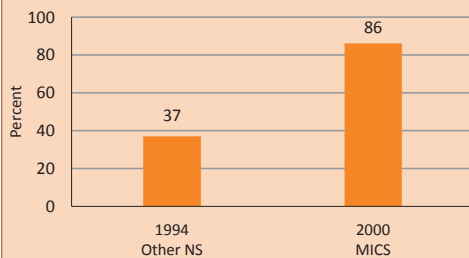
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)	-	-
Neonatal tetanus vaccine (%)	75	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

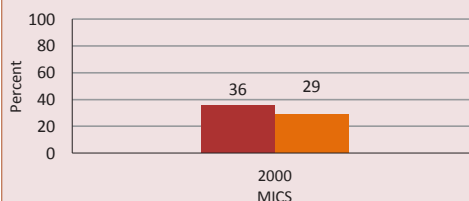
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	8.3 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	16 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	22 (2010)
Official development assistance to child health per child (US\$)	37 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	85 (2009)

## CHILD HEALTH

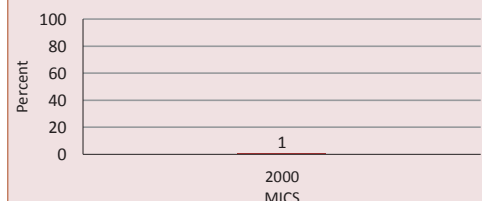
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

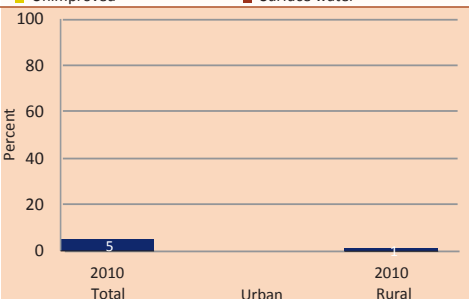
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

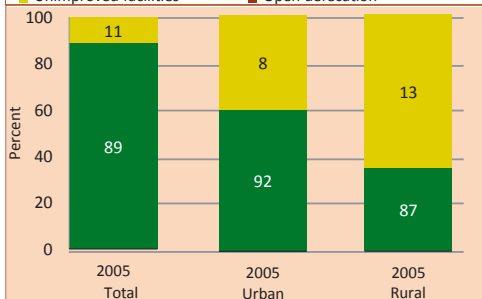
- Piped on premises
- Unimproved
- Other improved
- Surface water



\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

- Improved facilities
- Unimproved facilities
- Shared facilities
- Open defecation



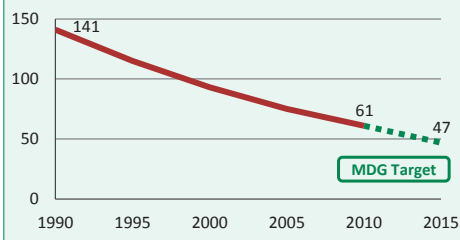
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	5,254	(2010)
Total under-five population (000)	861	(2010)
Births (000)	191	(2010)
Birth registration (%)	-	
Total under-five deaths (000)	11	(2010)
Neonatal deaths: % of all under-5 deaths	31	(2010)
Neonatal mortality rate (per 1000 live births)	18	(2010)
Infant mortality rate (per 1000 live births)	42	(2010)
Stillbirth rate (per 1000 total births)	21	(2009)
Total maternal deaths	460	(2010)
Lifetime risk of maternal death (1 in N)	86	(2010)
Total fertility rate (per woman)	4.5	(2010)
Adolescent birth rate (per 1000 women)	85	(2000)

### Under-five mortality rate

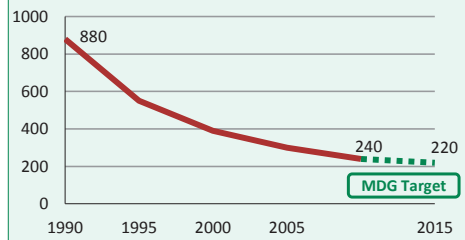
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

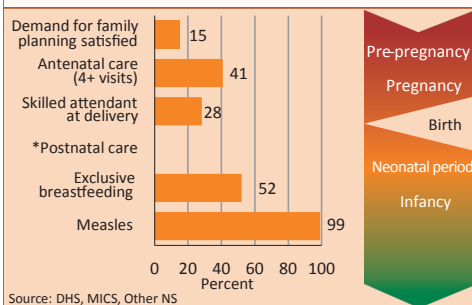


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

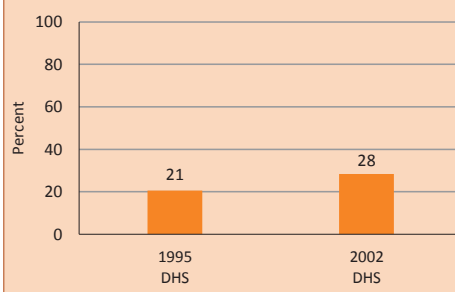


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

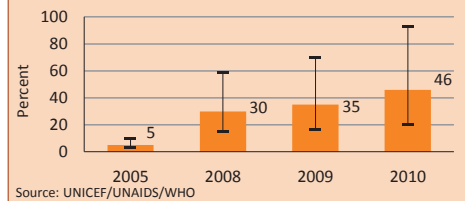
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 7 (2010)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
□ Uncertainty range around the estimate

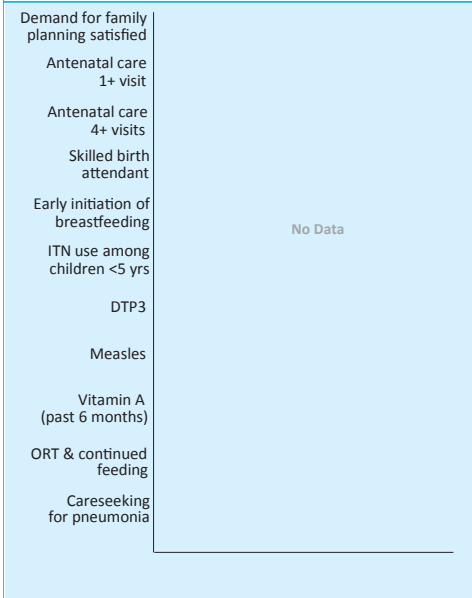


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

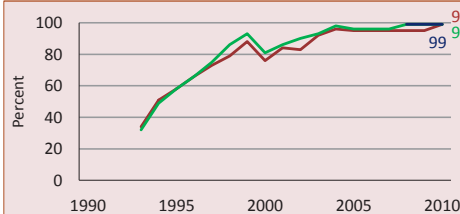


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

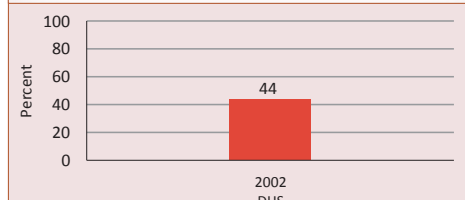
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

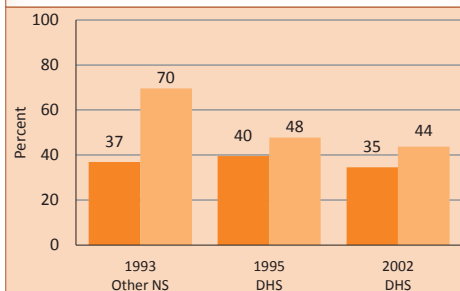


## NUTRITION

Wasting prevalence (moderate and severe, %)	15	(2002)	Early initiation of breastfeeding (within 1 hr of birth, %)	78	(2002)
Low birthweight incidence (moderate and severe, %)	14	(2002)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	44	(2010)

### Underweight and stunting prevalence

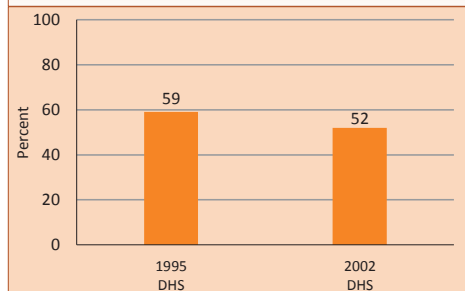
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

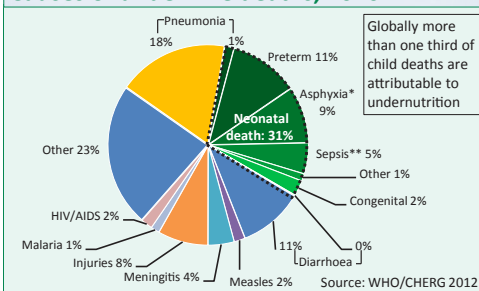
Percent infants <6 months exclusively breastfed





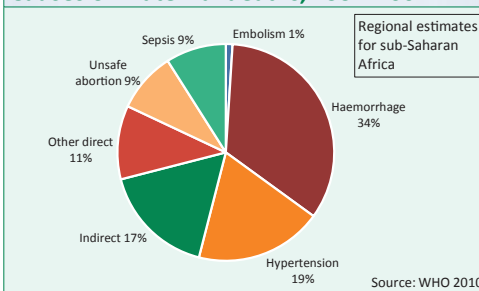
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

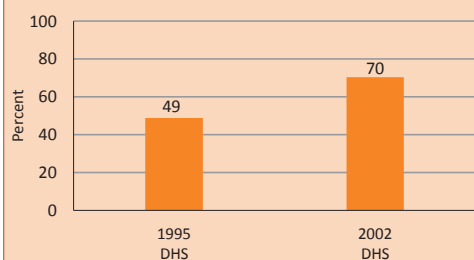
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

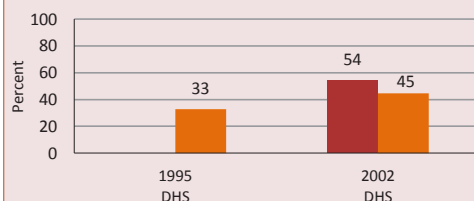


Demand for family planning satisfied (%)	15	(2002)
Antenatal care (4 or more visits, %)	41	(2002)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	3, 7, 1	(2002)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	93	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

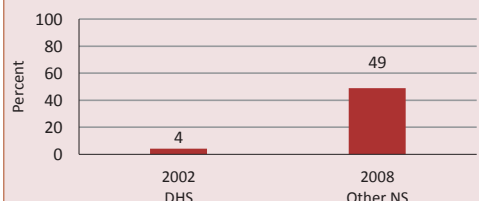
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children receiving first line treatment among those receiving any antimalarial

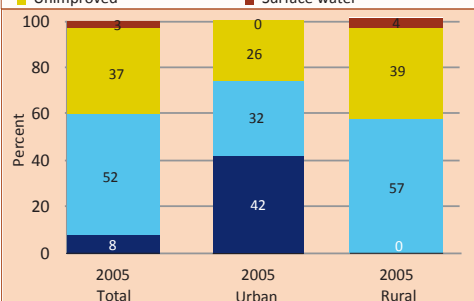
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 2005\*

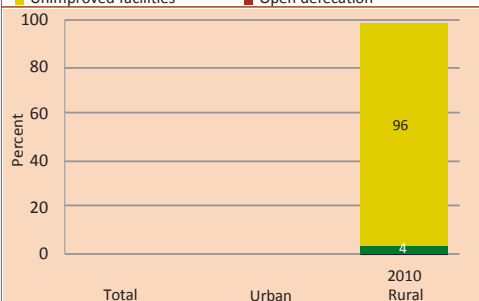


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*



Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

## POLICIES

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

## SYSTEMS AND FINANCING

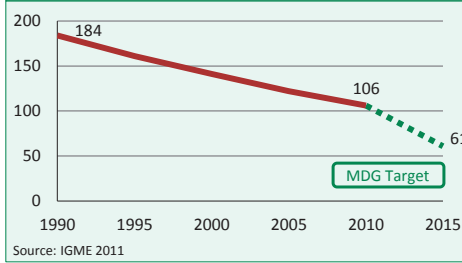
Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	6.3 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	51 (2010)
General government expenditure on health as % of total government expenditure (%)	4 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	52 (2010)
Official development assistance to child health per child (US\$)	9 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	18 (2009)

## DEMOGRAPHICS

Total population (000)	82,950	(2010)
Total under-five population (000)	11,932	(2010)
Births (000)	2,613	(2010)
Birth registration (%)	7	(2005)
Total under-five deaths (000)	271	(2010)
Neonatal deaths: % of all under-5 deaths	34	(2010)
Neonatal mortality rate (per 1000 live births)	35	(2010)
Infant mortality rate (per 1000 live births)	68	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	9,000	(2010)
Lifetime risk of maternal death (1 in N)	67	(2010)
Total fertility rate (per woman)	4.2	(2010)
Adolescent birth rate (per 1000 women)	109	(2003)

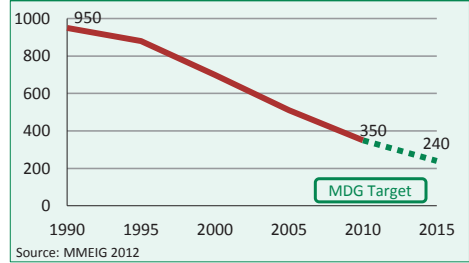
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

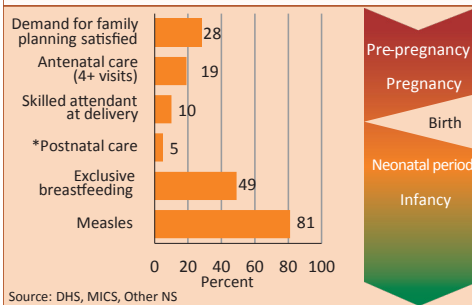
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

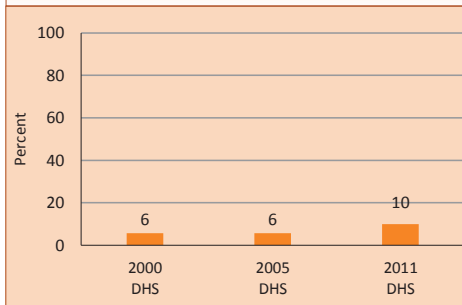
### Coverage along the continuum of care



\* See Annex/website for indicator definition

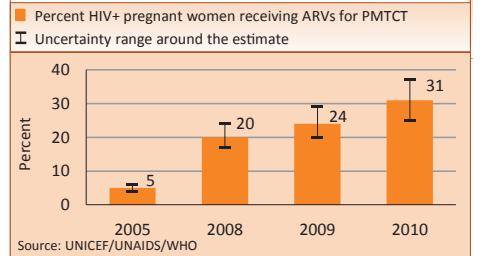
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

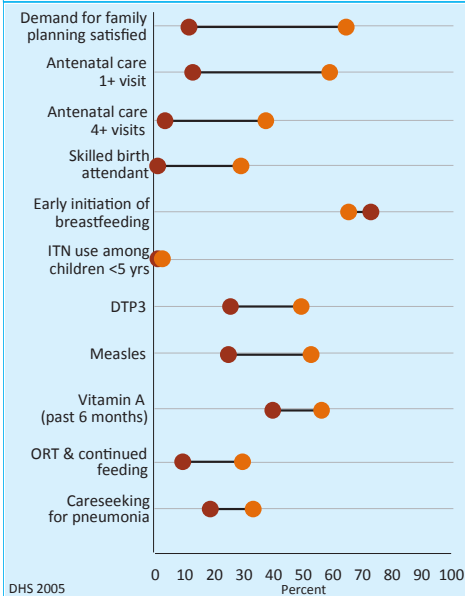
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 14 (2010)



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

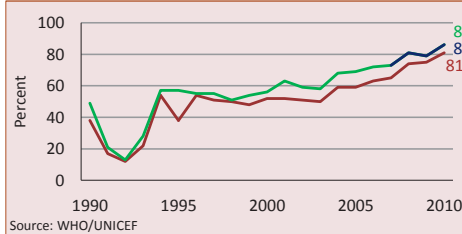


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

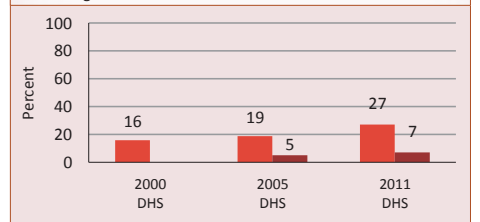
### Immunization

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



### Pneumonia treatment

■ Percent children <5 years with suspected pneumonia taken to appropriate health provider  
■ Percent children <5 years with suspected pneumonia receiving antibiotics

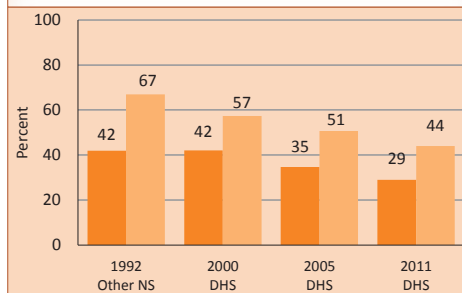


## NUTRITION

Wasting prevalence (moderate and severe, %)	10	(2011)	Early initiation of breastfeeding (within 1 hr of birth, %)	69	(2005)
Low birthweight incidence (moderate and severe, %)	20	(2005)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	84	(2010)

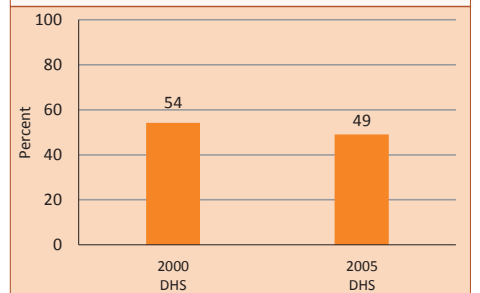
### Underweight and stunting prevalence

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



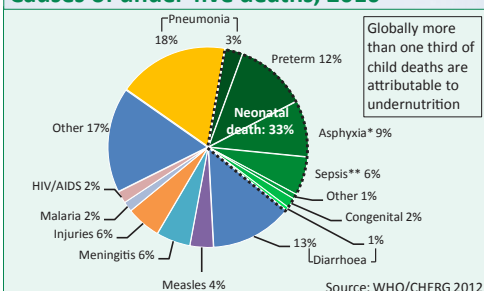
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

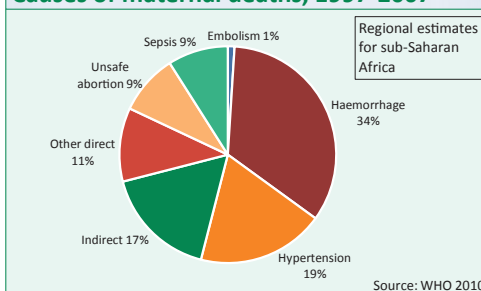


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



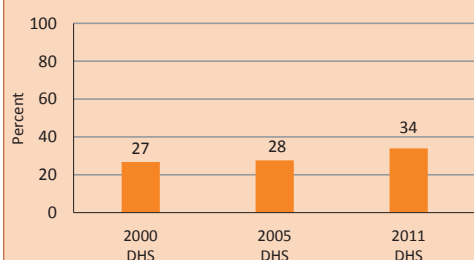
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

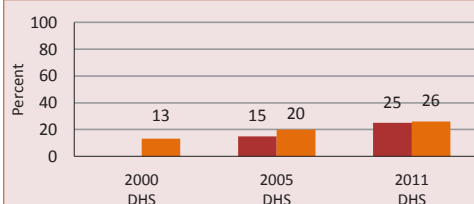


Demand for family planning satisfied (%)	28	(2005)
Antenatal care (4 or more visits, %)	19	(2011)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural, %)	2, 8, 1	(2011)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	88	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	5	(2005)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

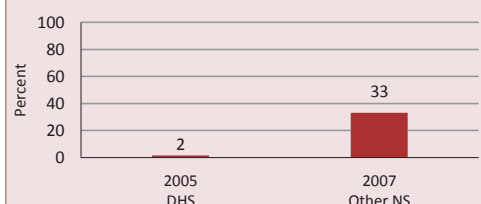
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

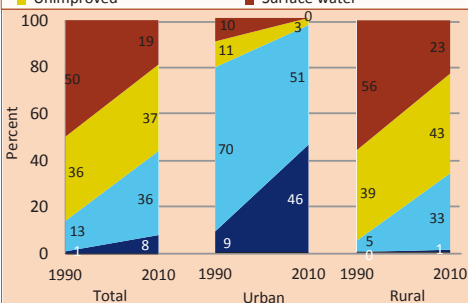


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

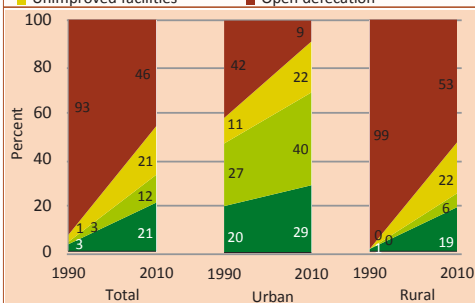
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

Maternity protection in accordance with Convention 183	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	Partial
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Partial
Pneumococcal vaccine	Yes

## SYSTEMS AND FINANCING

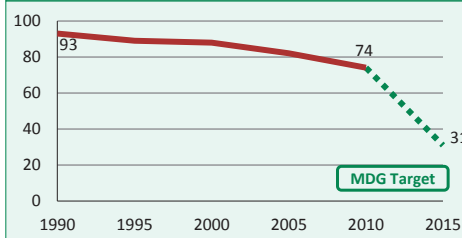
Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	2.6	(2007)
National availability of emergency obstetric care services (% of recommended minimum)	11	(2008)
Per capita total expenditure on health (Int\$)	522	(2010)
General government expenditure on health as % of total government expenditure (%)	13	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	37	(2010)
Official development assistance to child health per child (US\$)	18	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	27	(2009)

## DEMOGRAPHICS

Total population (000)	1,505	(2010)
Total under-five population (000)	185	(2010)
Births (000)	41	(2010)
Birth registration (%)	89	(2000)
Total under-five deaths (000)	3	(2010)
Neonatal deaths: % of all under-5 deaths	37	(2010)
Neonatal mortality rate (per 1000 live births)	26	(2010)
Infant mortality rate (per 1000 live births)	54	(2010)
Stillbirth rate (per 1000 total births)	17	(2009)
Total maternal deaths	94	(2010)
Lifetime risk of maternal death (1 in N)	130	(2010)
Total fertility rate (per woman)	3.3	(2010)
Adolescent birth rate (per 1000 women)	144	(1998)

### Under-five mortality rate

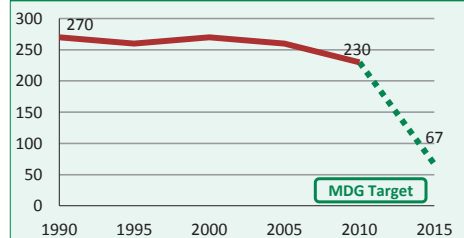
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

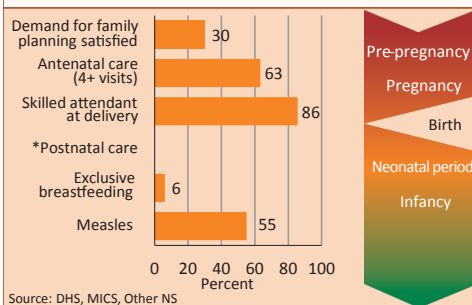


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

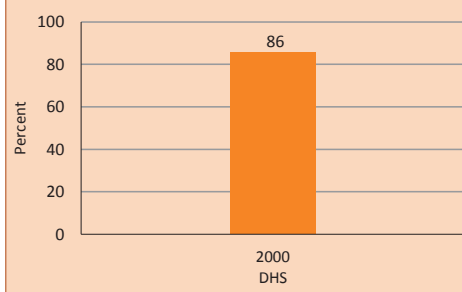


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

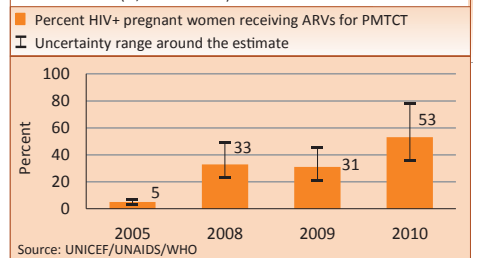
Percent live births attended by skilled health personnel



Source: DHS

### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 55 (2010)

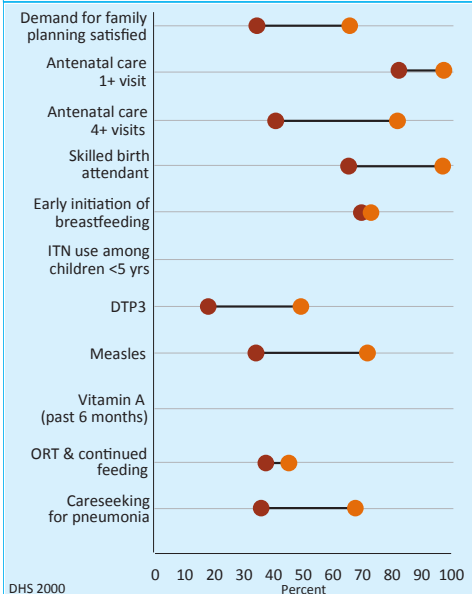


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



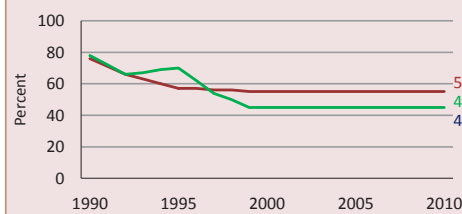
DHS 2000

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.

## CHILD HEALTH

### Immunization

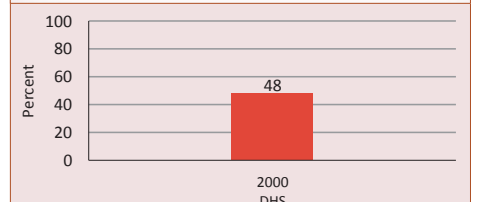
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



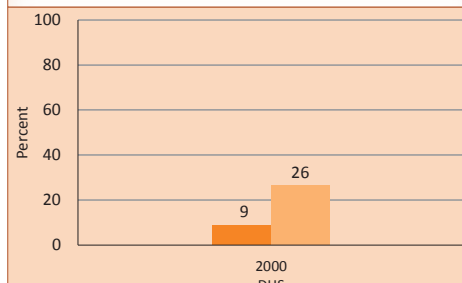
Source: DHS

## NUTRITION

Wasting prevalence (moderate and severe, %)	4	(2000)	Early initiation of breastfeeding (within 1 hr of birth, %)	71	(2000)
Low birthweight incidence (moderate and severe, %)	14	(2000)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	0	(2009)

### Underweight and stunting prevalence

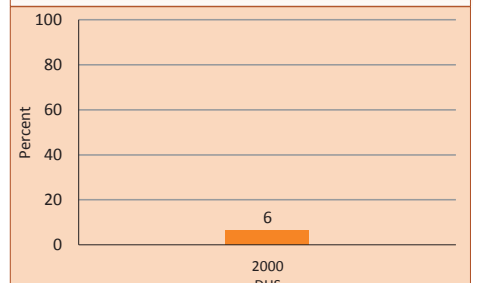
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

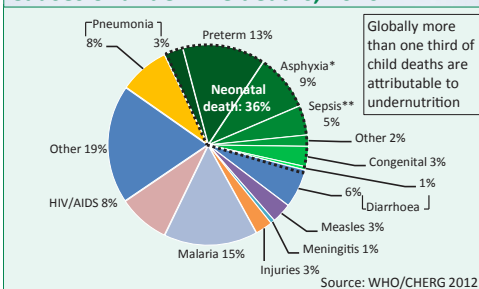
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



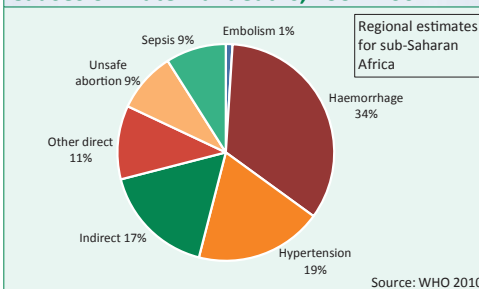
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

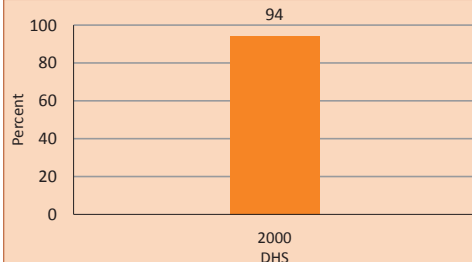
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

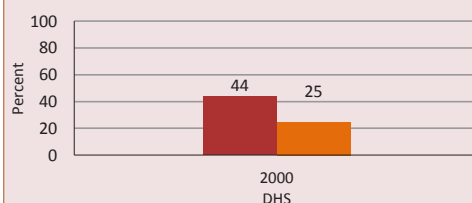


Demand for family planning satisfied (%)	30	(2000)
Antenatal care (4 or more visits, %)	63	(2000)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	6, 6, 4	(2000)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	75	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

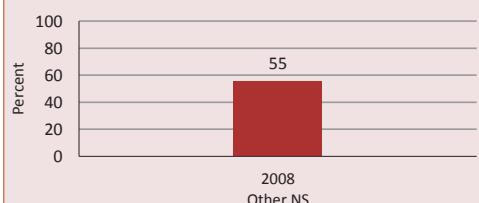
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

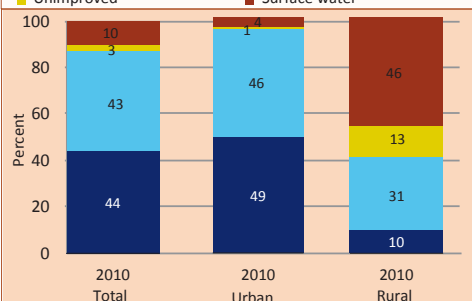


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 2010\*

- Piped on premises
- Other improved
- Unimproved
- Surface water



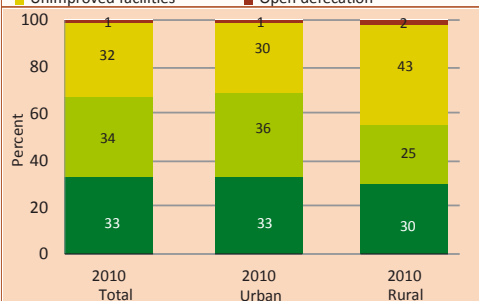
Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

## POLICIES

Maternity protection in accordance with Convention 183	Partial
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	No
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	-

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	53.1 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	123 (2001)
Per capita total expenditure on health (Int\$)	80 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	47 (2010)
Official development assistance to child health per child (US\$)	15 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	18 (2009)

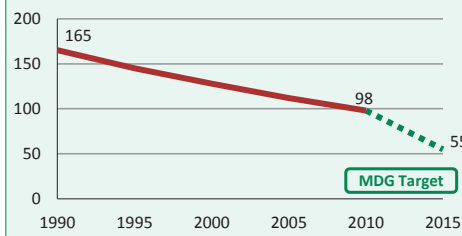


## DEMOGRAPHICS

Total population (000)	1,728	(2010)
Total under-five population (000)	287	(2010)
Births (000)	66	(2010)
Birth registration (%)	55	(2005-2006)
Total under-five deaths (000)	6	(2010)
Neonatal deaths: % of all under-5 deaths	34	(2010)
Neonatal mortality rate (per 1000 live births)	31	(2010)
Infant mortality rate (per 1000 live births)	57	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	230	(2010)
Lifetime risk of maternal death (1 in N)	56	(2010)
Total fertility rate (per woman)	4.9	(2010)
Adolescent birth rate (per 1000 women)	104	(2000)

### Under-five mortality rate

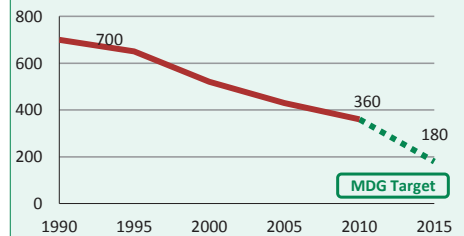
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

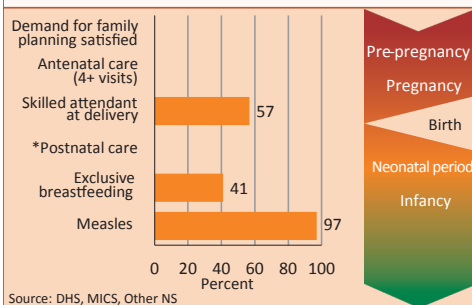


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

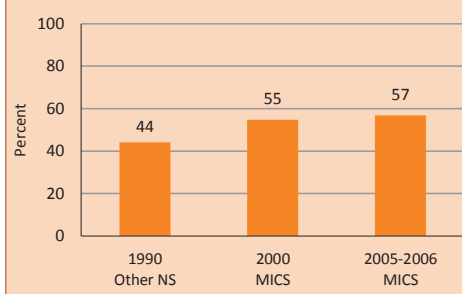


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

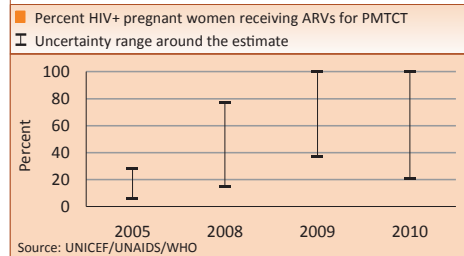
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

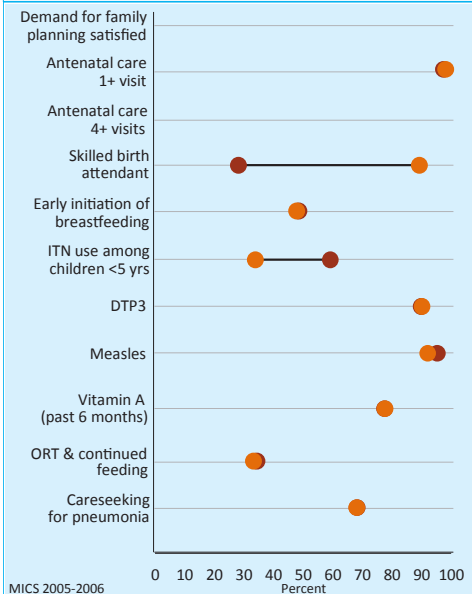


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



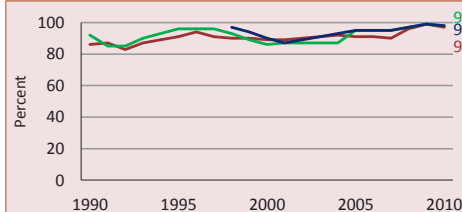
MICS 2005-2006

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.

## CHILD HEALTH

### Immunization

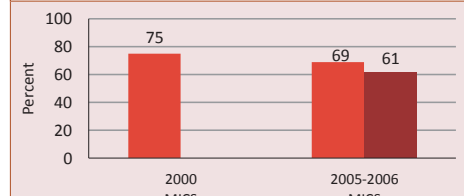
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

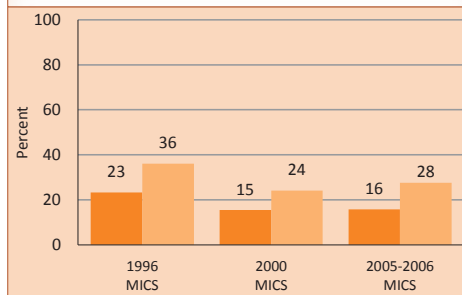


## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2005-2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	48	(2005-2006)
Low birthweight incidence (moderate and severe, %)	20	(2005-2006)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

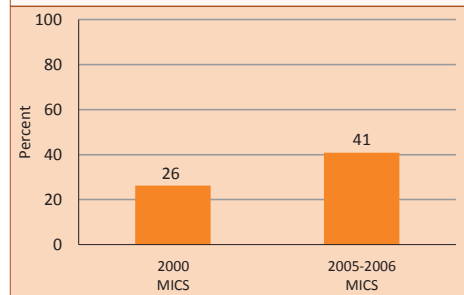
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

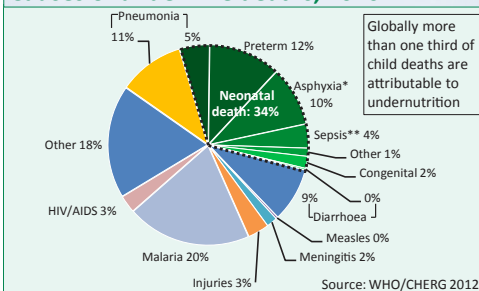
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



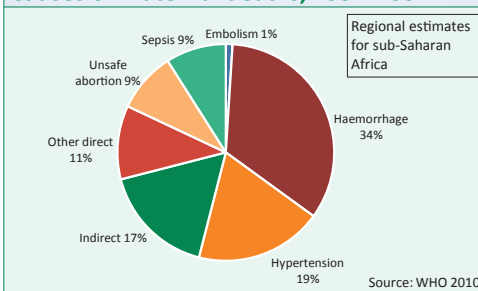
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



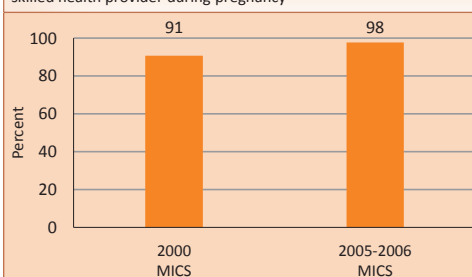
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	33	(2005-2006)
C-section rate (total, urban, rural, %)	-	-
(Minimum target is 5% and maximum target is 15%)	-	-
Neonatal tetanus vaccine (%)	91	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

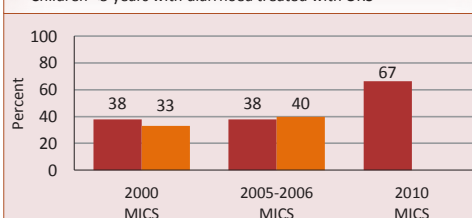
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	6.1 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	86 (2002)
Per capita total expenditure on health (Int\$)	85 (2010)
General government expenditure on health as % of total government expenditure (%)	11 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	24 (2010)
Official development assistance to child health per child (US\$)	20 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	24 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

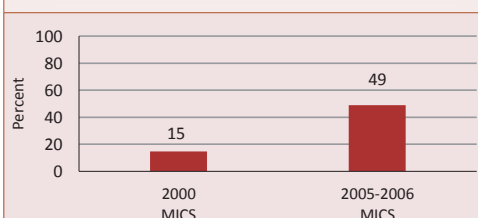
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

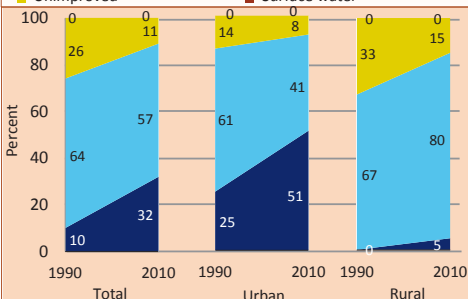


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

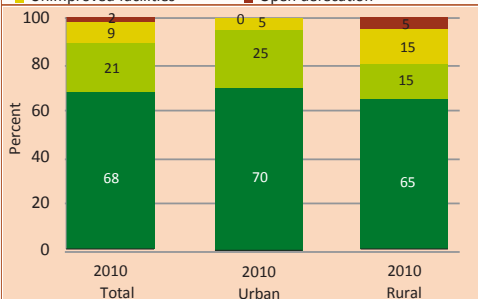
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



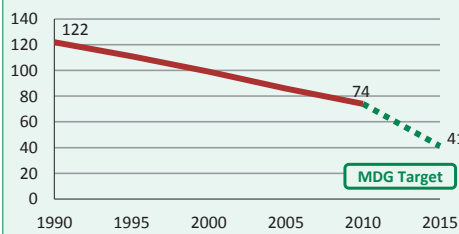
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	24,392	(2010)
Total under-five population (000)	3,533	(2010)
Births (000)	770	(2010)
Birth registration (%)	71	(2008)
Total under-five deaths (000)	57	(2010)
Neonatal deaths: % of all under-5 deaths	38	(2010)
Neonatal mortality rate (per 1000 live births)	28	(2010)
Infant mortality rate (per 1000 live births)	50	(2010)
Stillbirth rate (per 1000 total births)	22	(2009)
Total maternal deaths	2,700	(2010)
Lifetime risk of maternal death (1 in N)	68	(2010)
Total fertility rate (per woman)	4.2	(2010)
Adolescent birth rate (per 1000 women)	70	(2006)

### Under-five mortality rate

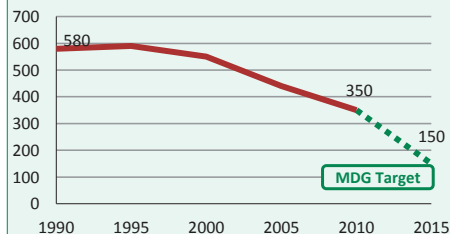
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

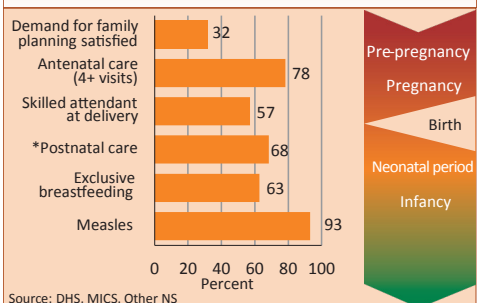


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

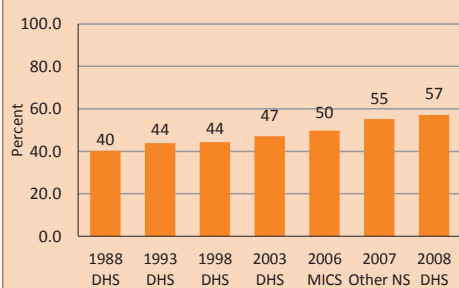


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

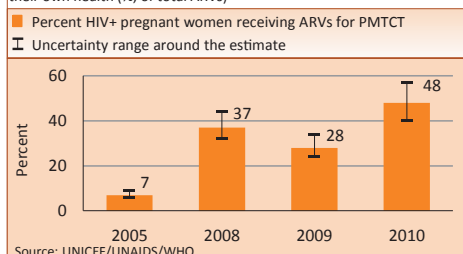
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 0 (2010)

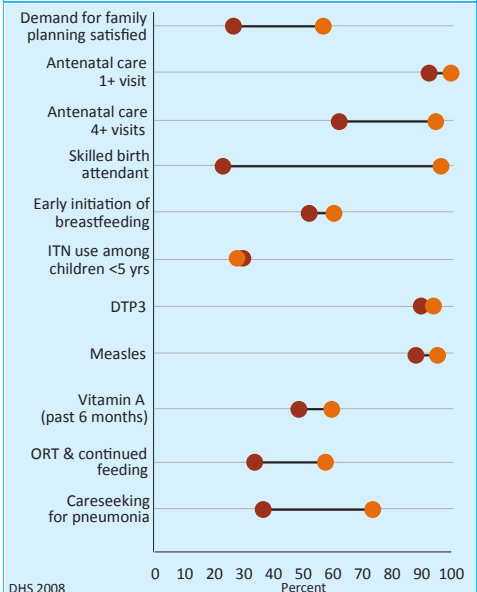


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



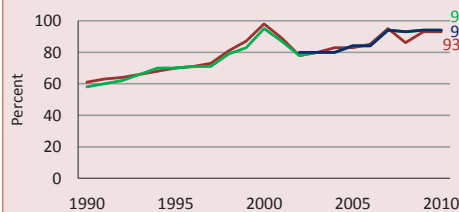
DHS 2008

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.

## CHILD HEALTH

### Immunization

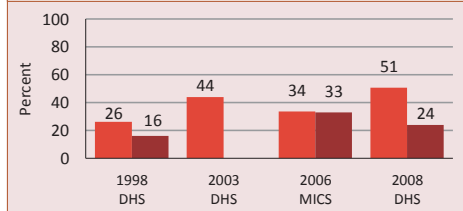
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

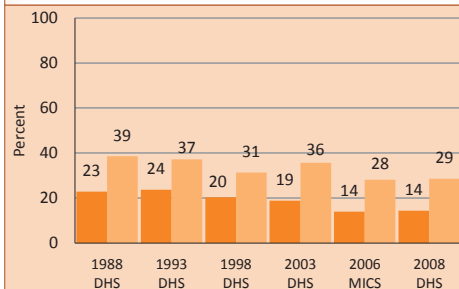


## NUTRITION

Wasting prevalence (moderate and severe, %)	9	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	52	(2008)
Low birthweight incidence (moderate and severe, %)	13	(2008)	Introduction of solid, semi-solid/soft foods (%)	76	(2008)
			Vitamin A supplementation (two dose coverage, %)	93	(2010)

### Underweight and stunting prevalence

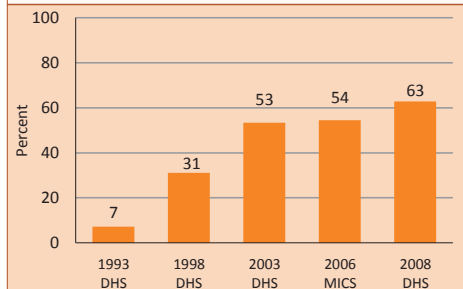
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

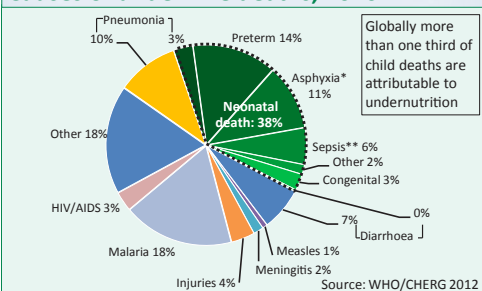
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

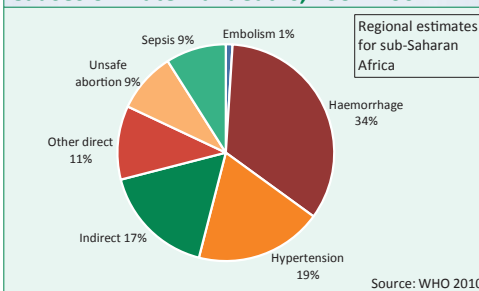


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



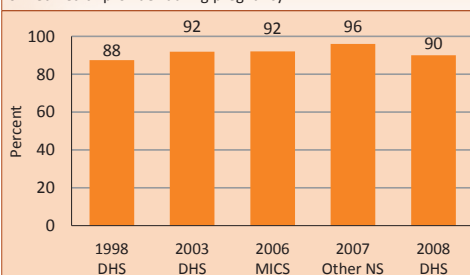
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

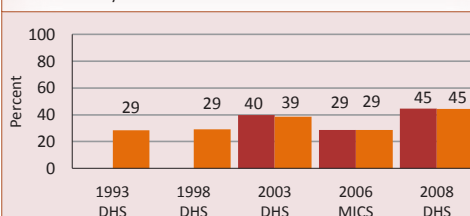


Demand for family planning satisfied (%)	32	(2008)
Antenatal care (4 or more visits, %)	78	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	44	(2008)
C-section rate (total, urban, rural; %)	7, 11, 5	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	86	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	68	(2008)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	8	(2008)

## CHILD HEALTH

### Diarrhoeal disease treatment

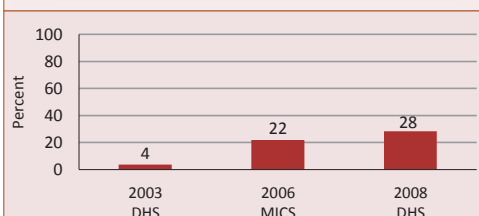
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

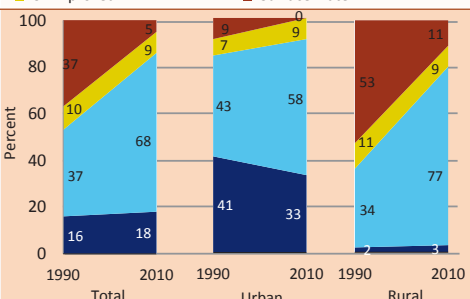


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

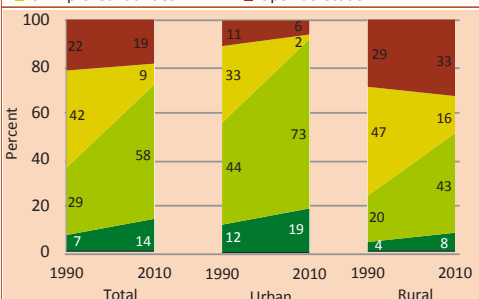
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
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	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Partial
Pneumococcal vaccine	Partial

## SYSTEMS AND FINANCING

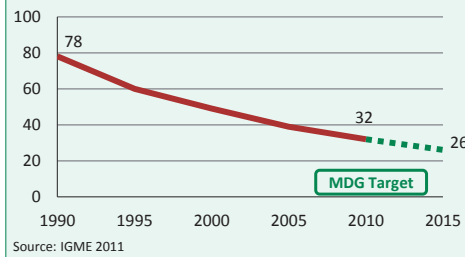
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	11.4	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	37	(2011)
Per capita total expenditure on health (Int\$)	325	(2010)
General government expenditure on health as % of total government expenditure (%)	12	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	27	(2010)
Official development assistance to child health per child (US\$)	21	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	43	(2009)

## DEMOGRAPHICS

Total population (000)	14,389	(2010)
Total under-five population (000)	2,167	(2010)
Births (000)	467	(2010)
Birth registration (%)	-	
Total under-five deaths (000)	14	(2010)
Neonatal deaths: % of all under-5 deaths	48	(2010)
Neonatal mortality rate (per 1000 live births)	15	(2010)
Infant mortality rate (per 1000 live births)	25	(2010)
Stillbirth rate (per 1000 total births)	10	(2009)
Total maternal deaths	550	(2010)
Lifetime risk of maternal death (1 in N)	190	(2010)
Total fertility rate (per woman)	4.0	(2010)
Adolescent birth rate (per 1000 women)	92	(2006)

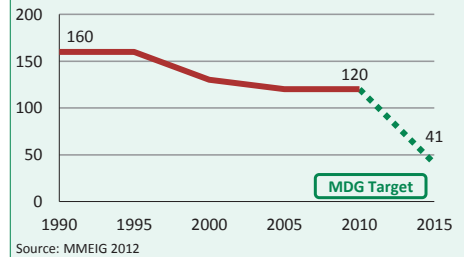
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

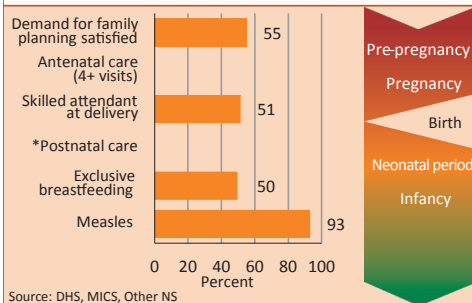
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

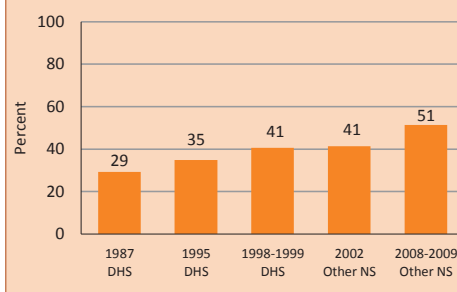
### Coverage along the continuum of care



\* See Annex/website for indicator definition

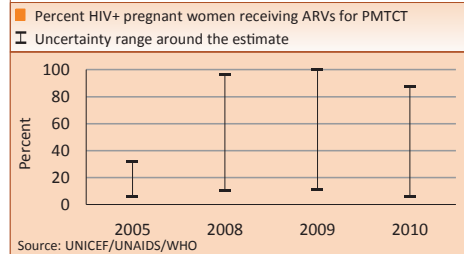
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

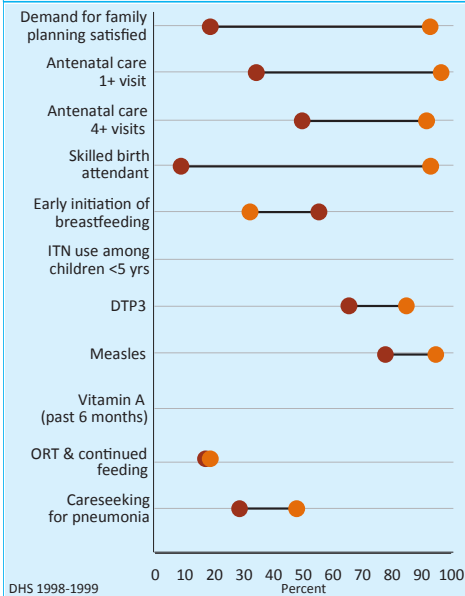
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

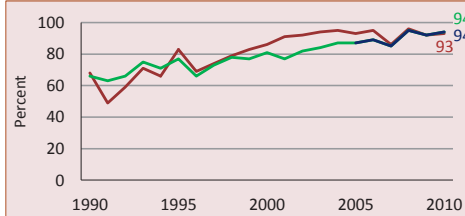


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

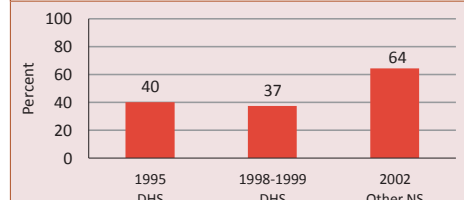
### Immunization

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



### Pneumonia treatment

■ Percent children <5 years with suspected pneumonia taken to appropriate health provider  
■ Percent children <5 years with suspected pneumonia receiving antibiotics

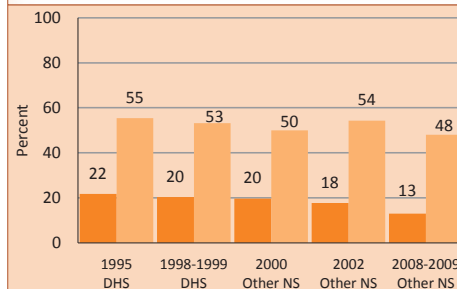


## NUTRITION

Wasting prevalence (moderate and severe, %)	1 (2008-2009)	Early initiation of breastfeeding (within 1 hr of birth, %)	56 (2008-2009)
Low birthweight incidence (moderate and severe, %)	11 (2008-2009)	Introduction of solid, semi-solid/soft foods (%)	-
		Vitamin A supplementation (two dose coverage, %)	36 (2010)

### Underweight and stunting prevalence

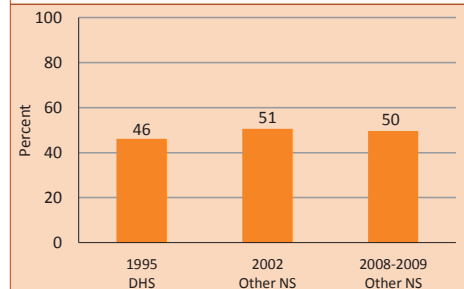
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

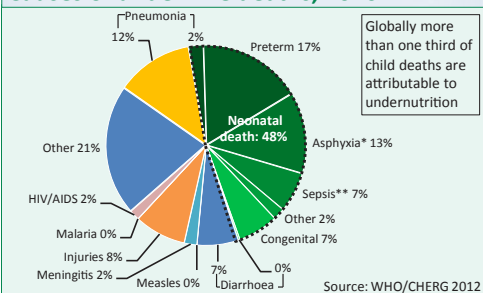
Percent infants <6 months exclusively breastfed



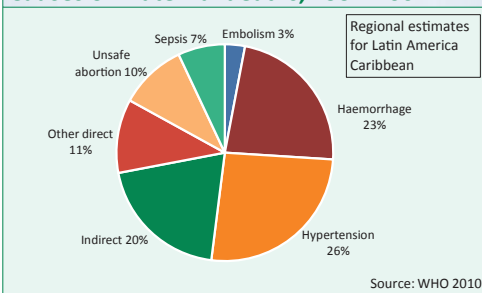


DEMOGRAPHICS

Causes of under-five deaths, 2010



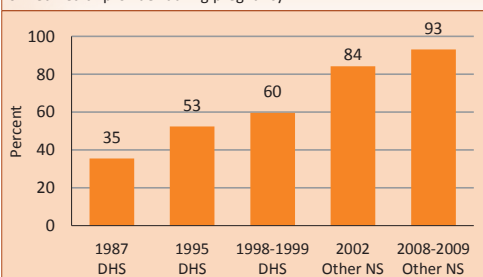
Causes of maternal deaths, 1997-2007



MATERNAL AND NEWBORN HEALTH

Antenatal care

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



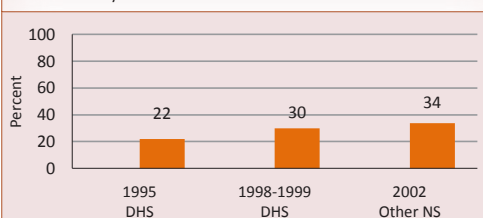
Demand for family planning satisfied (%)	55	(2002)
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	16, 26, 11	(2008 - 2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

CHILD HEALTH

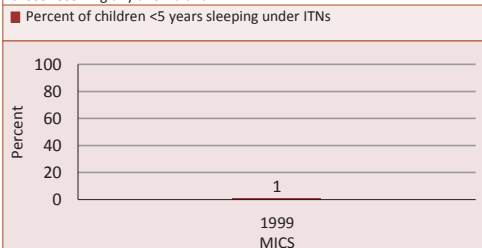
Diarrhoeal disease treatment

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



Malaria prevention and treatment

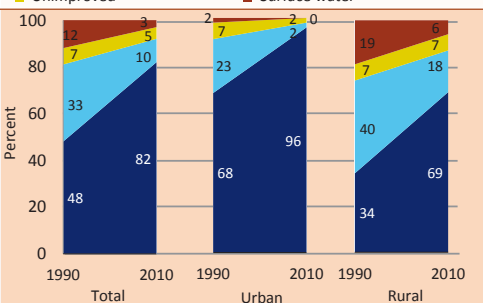
■ Percent of children <5 years sleeping under ITNs



WATER AND SANITATION

Improved drinking water coverage

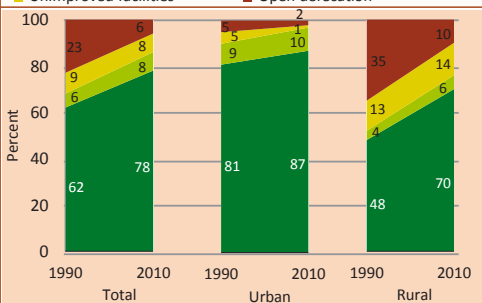
Percent of population by type of drinking water source, 1990-2010  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



Source: WHO/UNICEF JMP 2012

Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



Source: WHO/UNICEF JMP 2012

POLICIES

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

SYSTEMS AND FINANCING

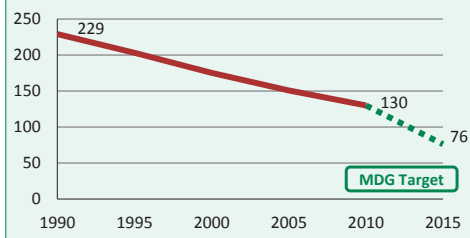
Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	49.5 (1999)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	56 (2010)
General government expenditure on health as % of total government expenditure (%)	16 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	6 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	24 (2009)

## DEMOGRAPHICS

Total population (000)	9,982	(2010)
Total under-five population (000)	1,658	(2010)
Births (000)	390	(2010)
Birth registration (%)	43	(2005)
Total under-five deaths (000)	48	(2010)
Neonatal deaths: % of all under-5 deaths	30	(2010)
Neonatal mortality rate (per 1000 live births)	38	(2010)
Infant mortality rate (per 1000 live births)	81	(2010)
Stillbirth rate (per 1000 total births)	24	(2009)
Total maternal deaths	2,400	(2010)
Lifetime risk of maternal death (1 in N)	30	(2010)
Total fertility rate (per woman)	5.2	(2010)
Adolescent birth rate (per 1000 women)	153	(2003)

### Under-five mortality rate

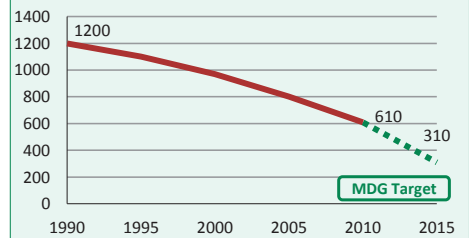
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

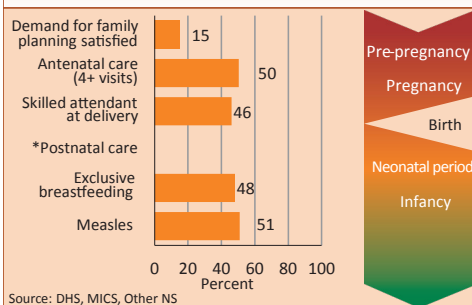


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

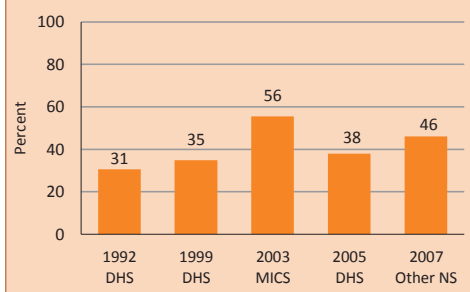


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

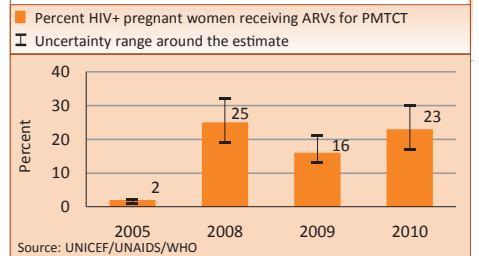
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 27 (2010)

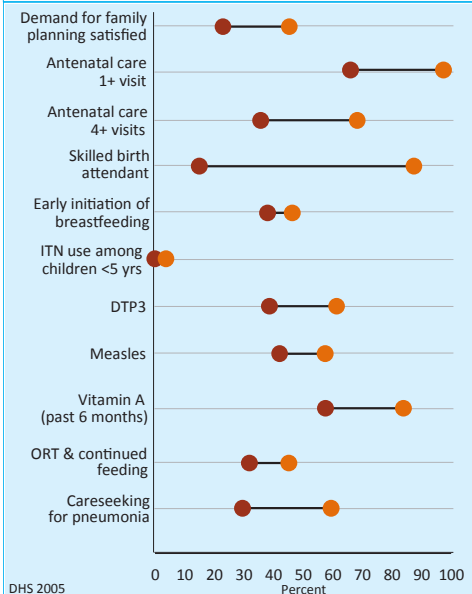


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



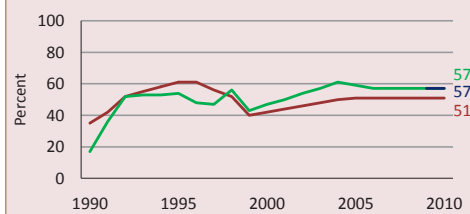
DHS 2005

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.

## CHILD HEALTH

### Immunization

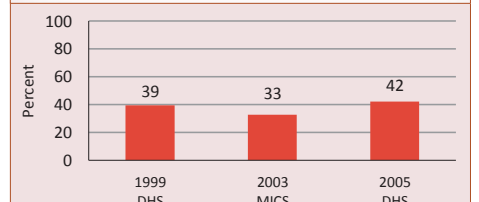
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

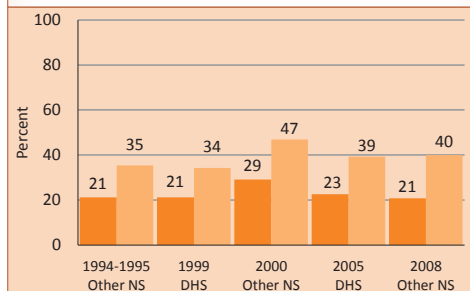


## NUTRITION

Wasting prevalence (moderate and severe, %)	8	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	40	(2005)
Low birthweight incidence (moderate and severe, %)	12	(2005)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	97	(2010)

### Underweight and stunting prevalence

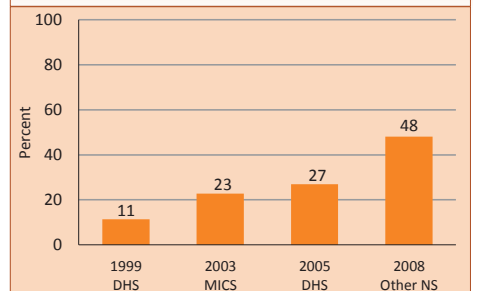
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

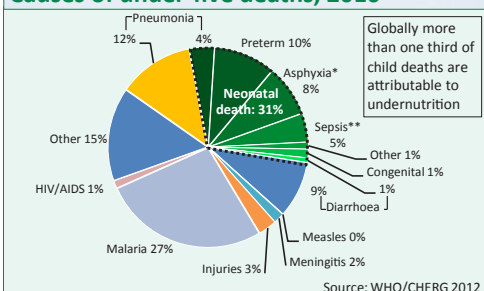
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



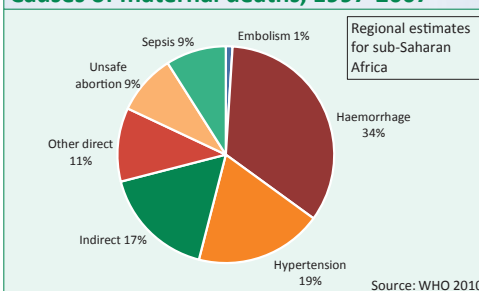
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



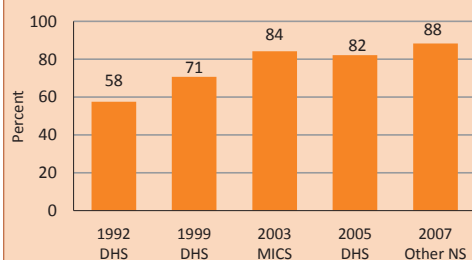
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	15	(2005)
Antenatal care (4 or more visits, %)	50	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	3	(2005)
C-section rate (total, urban, rural, %)	2, 5, 2	(2007)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	90	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

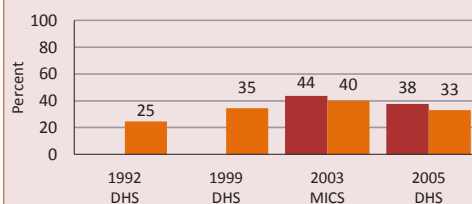
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	No
Density of doctors, nurses and midwives (per 10,000 population)	1.4 (2005)
National availability of emergency obstetric care services (% of recommended minimum)	25 (2002)
Per capita total expenditure on health (Int\$)	100 (2010)
General government expenditure on health as % of total government expenditure (%)	2 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	88 (2010)
Official development assistance to child health per child (US\$)	6 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	17 (2009)

## CHILD HEALTH

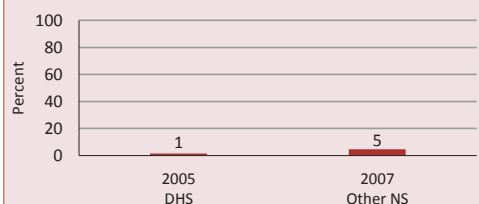
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

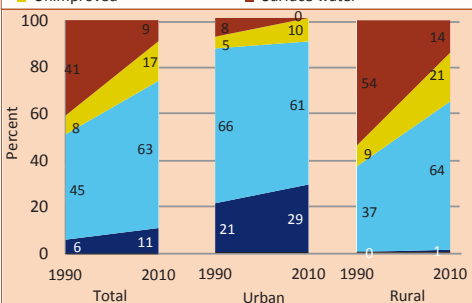
■ Percent of children receiving first line treatment among those receiving any antimalarial  
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

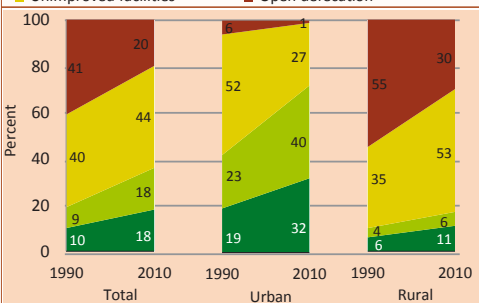
Percent of population by type of drinking water source, 1990-2010  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



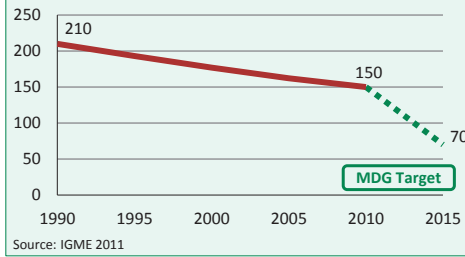
Source: WHO/UNICEF JMP 2012

## DEMOGRAPHICS

Total population (000)	1,515	(2010)
Total under-five population (000)	240	(2010)
Births (000)	58	(2010)
Birth registration (%)	24	(2010)
Total under-five deaths (000)	8	(2010)
Neonatal deaths: % of all under-5 deaths	28	(2010)
Neonatal mortality rate (per 1000 live births)	40	(2010)
Infant mortality rate (per 1000 live births)	92	(2010)
Stillbirth rate (per 1000 total births)	30	(2009)
Total maternal deaths	460	(2010)
Lifetime risk of maternal death (1 in N)	25	(2010)
Total fertility rate (per woman)	5.1	(2010)
Adolescent birth rate (per 1000 women)	137	(2009)

### Under-five mortality rate

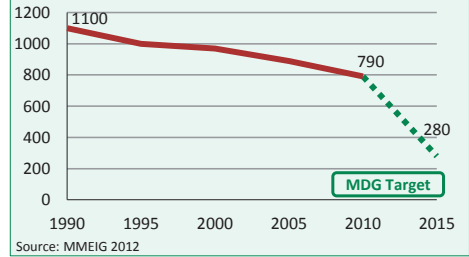
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

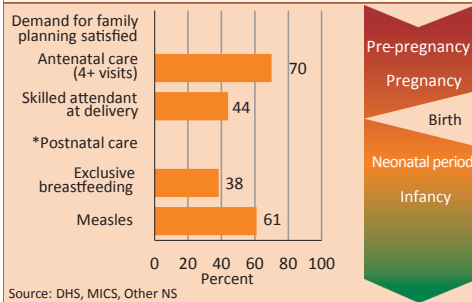


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

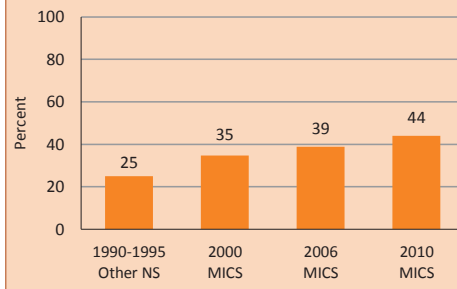


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

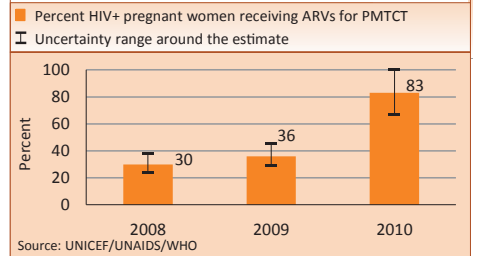
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 9 (2010)

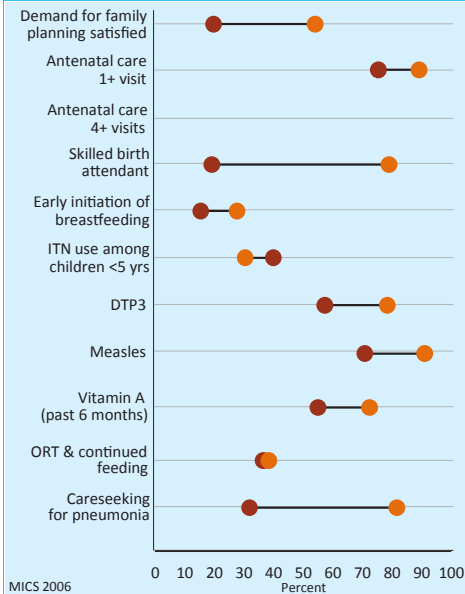


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



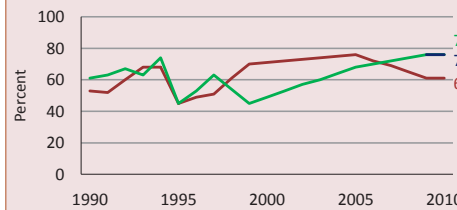
MICS 2006

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 inequity. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

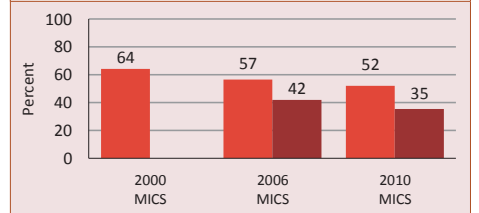
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

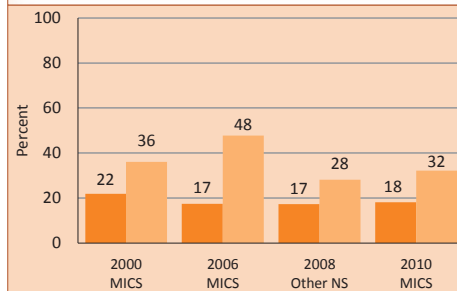


## NUTRITION

Wasting prevalence (moderate and severe, %)	6	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	55	(2010)
Low birthweight incidence (moderate and severe, %)	11	(2010)	Introduction of solid, semi-solid/soft foods (%)	43	(2010)
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

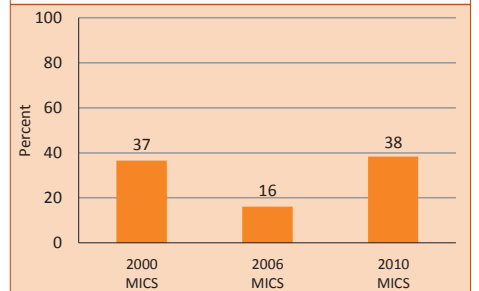
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

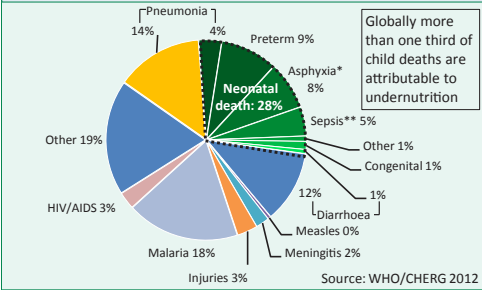
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

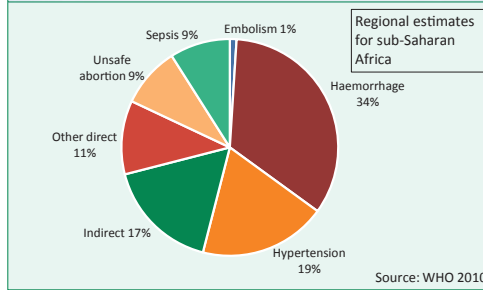


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



**Causes of maternal deaths, 1997-2007**



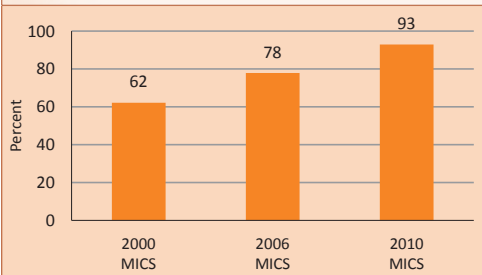
**POLICIES**

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

**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	70	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	14	(2010)
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	78	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

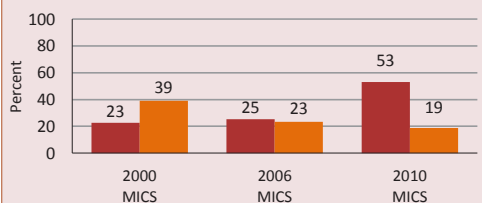
**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	6 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	127 (2002)
Per capita total expenditure on health (Int\$)	76 (2010)
General government expenditure on health as % of total government expenditure (%)	4 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	66 (2010)
Official development assistance to child health per child (US\$)	16 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	37 (2009)

**CHILD HEALTH**

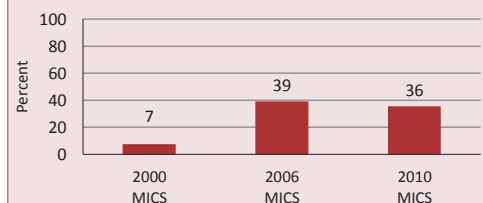
**Diarrhoeal disease treatment**

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



**Malaria prevention and treatment**

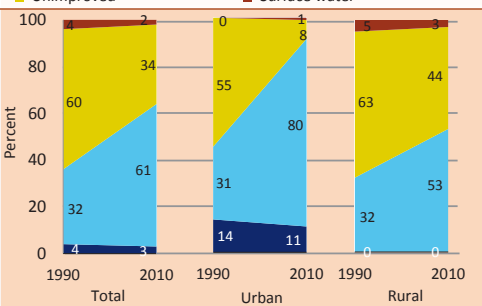
■ Percent of children receiving first line treatment among those receiving any antimalarial  
 ■ Percent of children <5 years sleeping under ITNs



**WATER AND SANITATION**

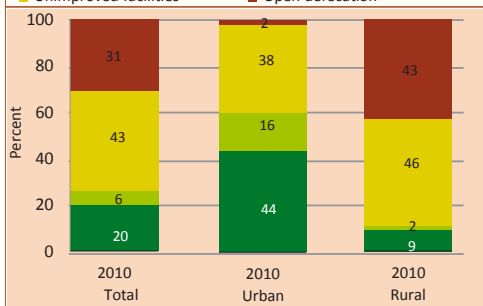
**Improved drinking water coverage**

Percent of population by type of drinking water source, 1990-2010  
 ■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



**Improved sanitation coverage**

Percent of population by type of sanitation facility, 2010\*  
 ■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



\*Insufficient data for generating a trend graph.

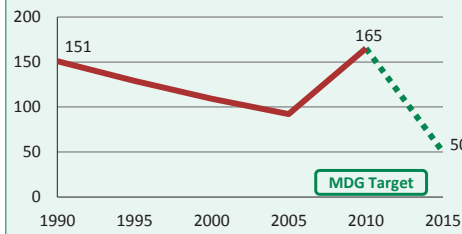


## DEMOGRAPHICS

Total population (000)	9,993	(2010)
Total under-five population (000)	1,237	(2010)
Births (000)	266	(2010)
Birth registration (%)	81	(2005-2006)
Total under-five deaths (000)	45	(2010)
Neonatal deaths: % of all under-5 deaths	16	(2010)
Neonatal mortality rate (per 1000 live births)	27	(2010)
Infant mortality rate (per 1000 live births)	70	(2010)
Stillbirth rate (per 1000 total births)	15	(2009)
Total maternal deaths	940	(2010)
Lifetime risk of maternal death (1 in N)	83	(2010)
Total fertility rate (per woman)	3.3	(2010)
Adolescent birth rate (per 1000 women)	69	(2003)

### Under-five mortality rate

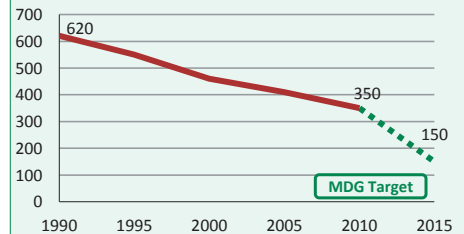
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

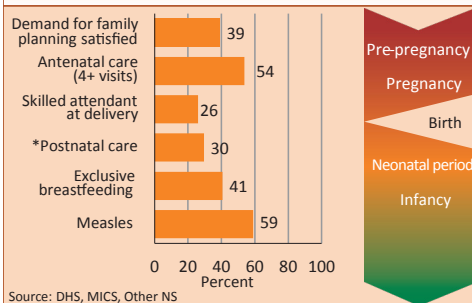


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

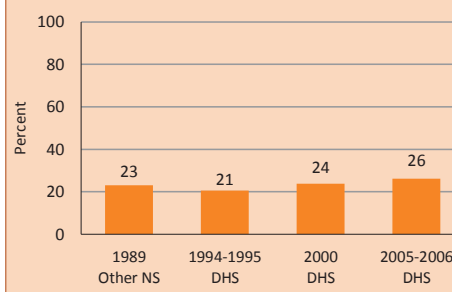


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

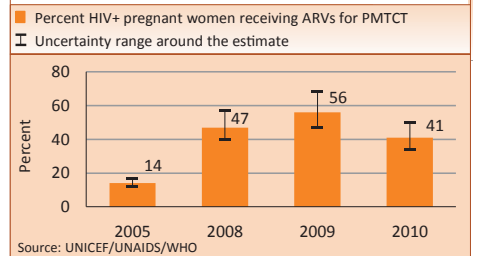
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 45 (2010)

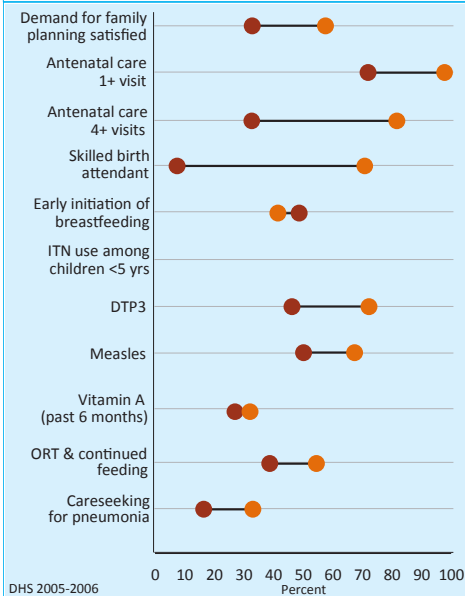


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



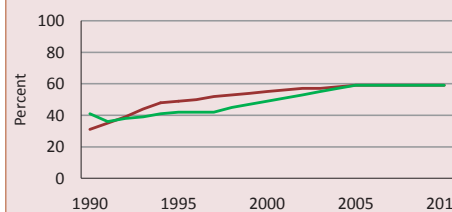
DHS 2005-2006

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.

## CHILD HEALTH

### Immunization

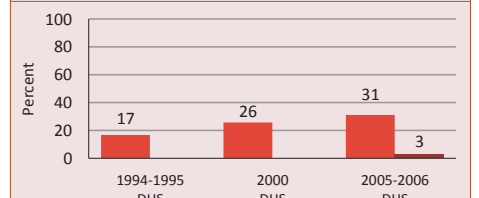
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

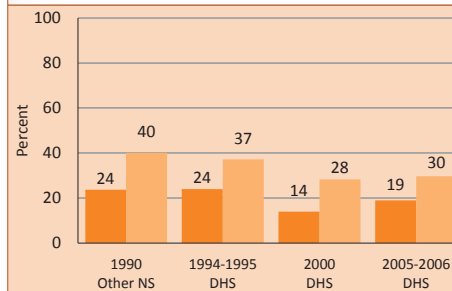


## NUTRITION

Wasting prevalence (moderate and severe, %)	10	(2005-2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	44	(2005-2006)
Low birthweight incidence (moderate and severe, %)	25	(2005-2006)	Introduction of solid, semi-solid/soft foods (%)	90	(2005-2006)
			Vitamin A supplementation (two dose coverage, %)	21	(2010)

### Underweight and stunting prevalence

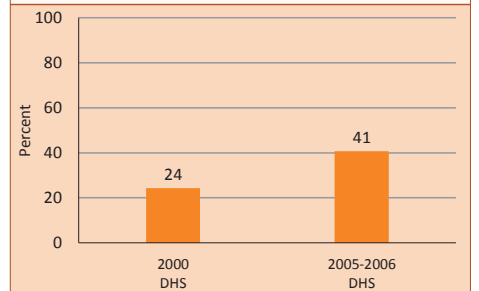
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

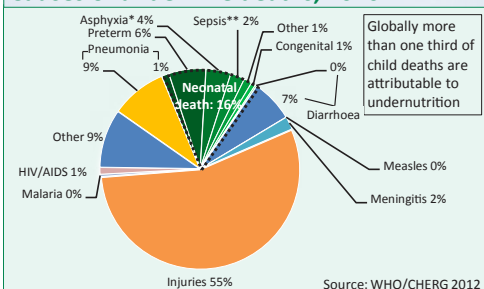
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



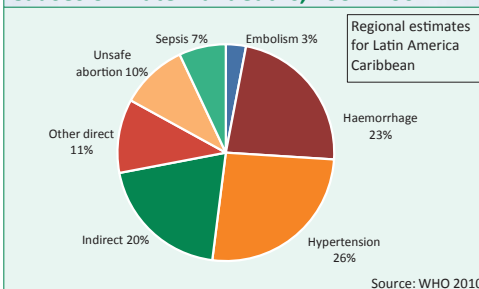
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



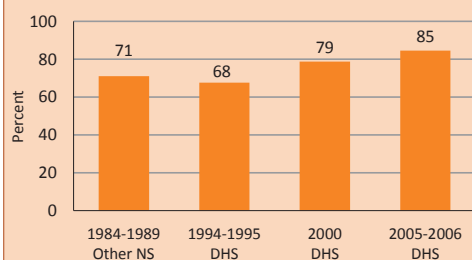
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	39	(2005 -2006)
Antenatal care (4 or more visits, %)	54	(2005 -2006)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	3, 6, 1	(2005 -2006)
Neonatal tetanus vaccine (%)	70	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	30	(2005 -2006)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	14	(2005 -2006)

\*Not applicable

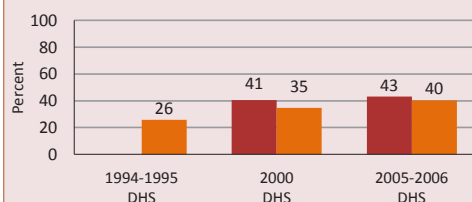
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	No	
Density of doctors, nurses and midwives (per 10,000 population)	3.6	(1998)
National availability of emergency obstetric care services (% of recommended minimum)	12	(2008)
Per capita total expenditure on health (Int\$)	132	(2010)
General government expenditure on health as % of total government expenditure (%)	5	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	-	-
Official development assistance to child health per child (US\$)	16	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	55	(2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

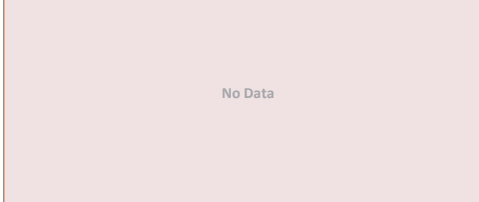
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children <5 years receiving first line treatment among those receiving any antimalarial

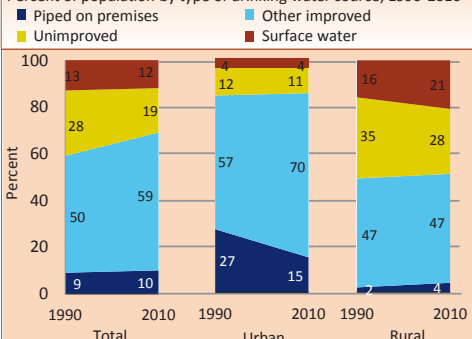
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

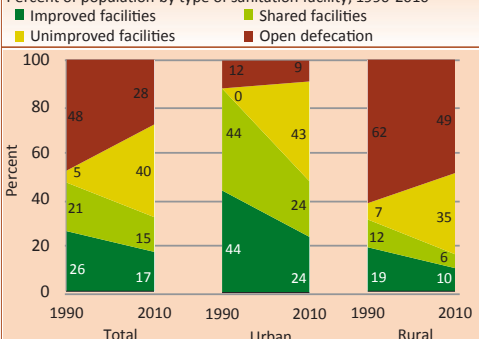
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

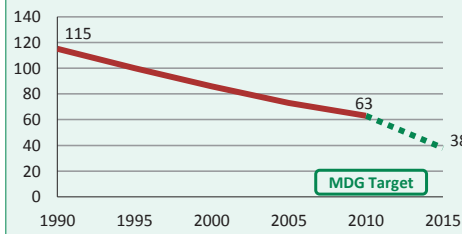


## DEMOGRAPHICS

Total population (000)	1,224,614	(2010)
Total under-five population (000)	127,979	(2010)
Births (000)	27,165	(2010)
Birth registration (%)	41	(2005-2006)
Total under-five deaths (000)	1,696	(2010)
Neonatal deaths: % of all under-5 deaths	52	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	48	(2010)
Stillbirth rate (per 1000 total births)	22	(2009)
Total maternal deaths	56,000	(2010)
Lifetime risk of maternal death (1 in N)	170	(2010)
Total fertility rate (per woman)	2.6	(2010)
Adolescent birth rate (per 1000 women)	45	(2006)

### Under-five mortality rate

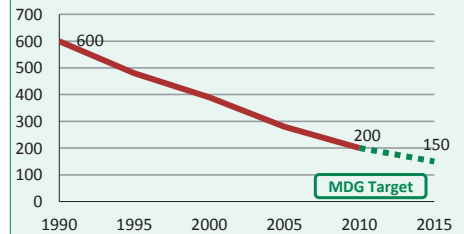
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

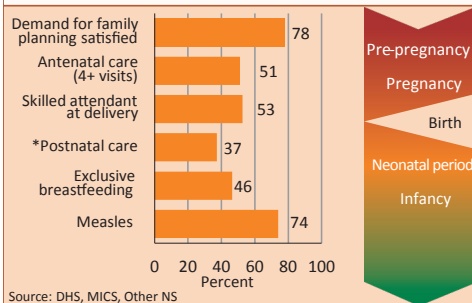


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

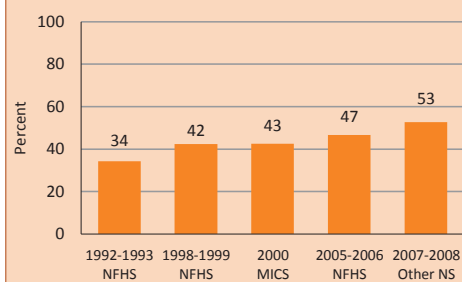


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

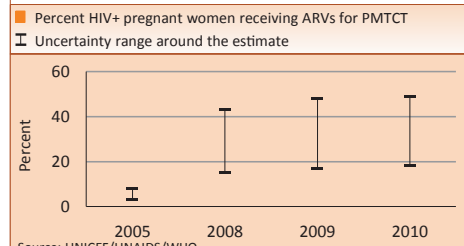
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

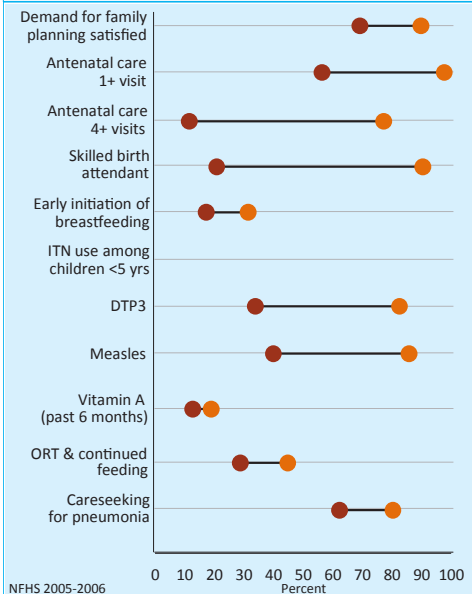


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



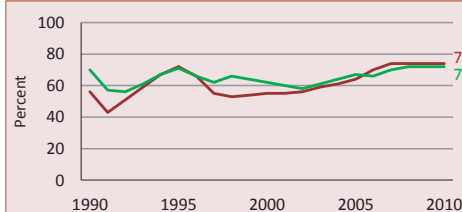
NFHS 2005-2006

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.

## CHILD HEALTH

### Immunization

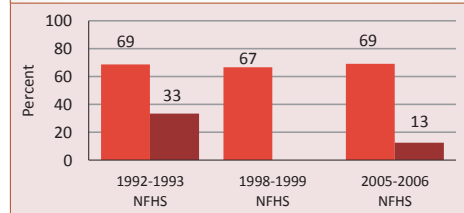
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

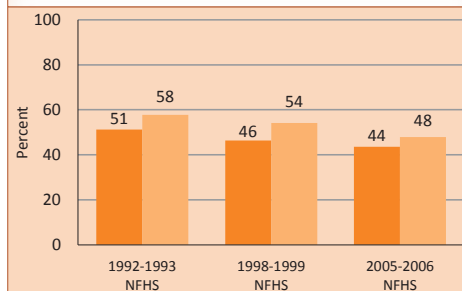


## NUTRITION

Wasting prevalence (moderate and severe, %)	20	(2005-2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	41	(2007-2008)
Low birthweight incidence (moderate and severe, %)	28	(2005-2006)	Introduction of solid, semi-solid/soft foods (%)	56	(2005-2006)
			Vitamin A supplementation (two dose coverage, %)	34	(2010)

### Underweight and stunting prevalence

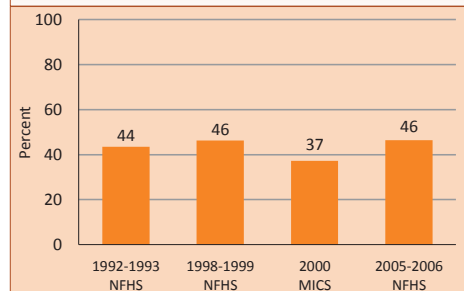
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

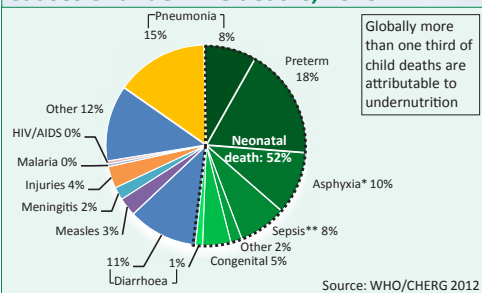
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

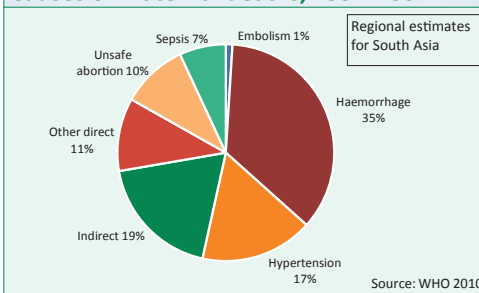


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



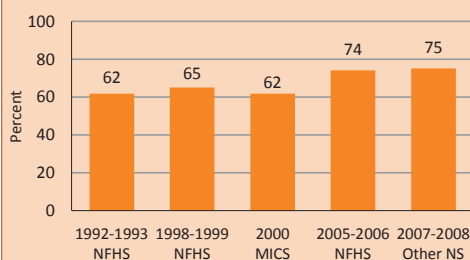
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



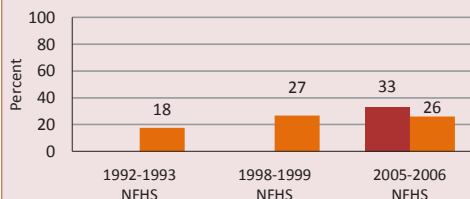
Demand for family planning satisfied (%)	78	(2005 -2006)
Antenatal care (4 or more visits, %)	51	(2007 -2008)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	9, 17, 6	(2005 -2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	87	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	37	(2005 -2006)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	40	(2005 -2006)

\*Not applicable

## CHILD HEALTH

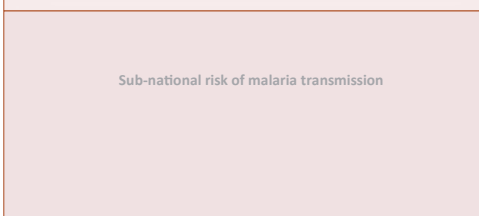
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

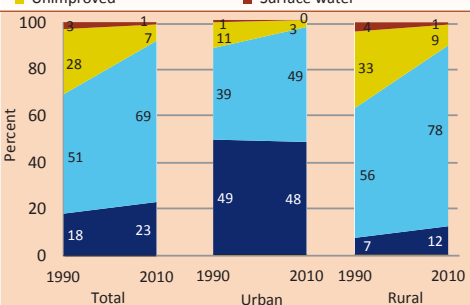
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

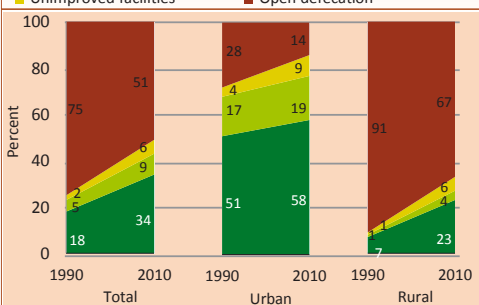
- Piped on premises
- Other improved
- Unimproved
- Surface water



Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

## POLICIES

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

## SYSTEMS AND FINANCING

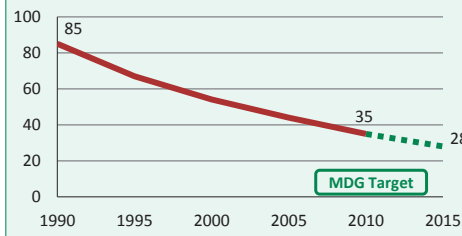
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	19	(2005)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	112	(2010)
General government expenditure on health as % of total government expenditure (%)	4	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	61	(2010)
Official development assistance to child health per child (US\$)	2	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	5	(2009)

## DEMOGRAPHICS

Total population (000)	239,871	(2010)
Total under-five population (000)	21,579	(2010)
Births (000)	4,372	(2010)
Birth registration (%)	53	(2007)
Total under-five deaths (000)	151	(2010)
Neonatal deaths: % of all under-5 deaths	48	(2010)
Neonatal mortality rate (per 1000 live births)	17	(2010)
Infant mortality rate (per 1000 live births)	27	(2010)
Stillbirth rate (per 1000 total births)	15	(2009)
Total maternal deaths	9,600	(2010)
Lifetime risk of maternal death (1 in N)	210	(2010)
Total fertility rate (per woman)	2.1	(2010)
Adolescent birth rate (per 1000 women)	52	(2005)

### Under-five mortality rate

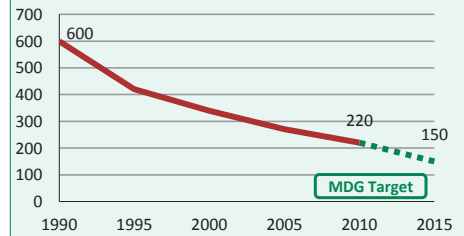
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

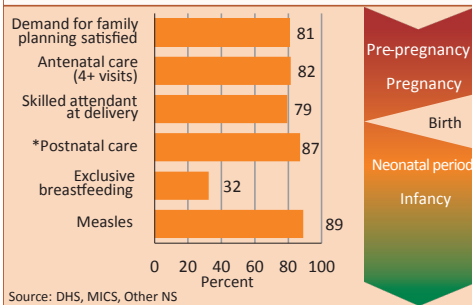


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

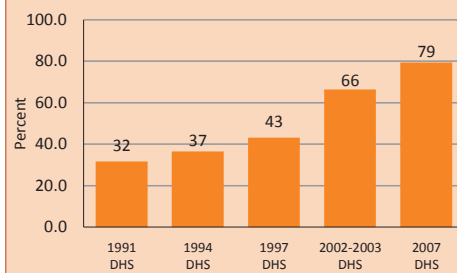


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

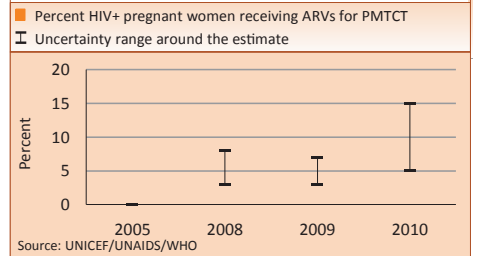
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

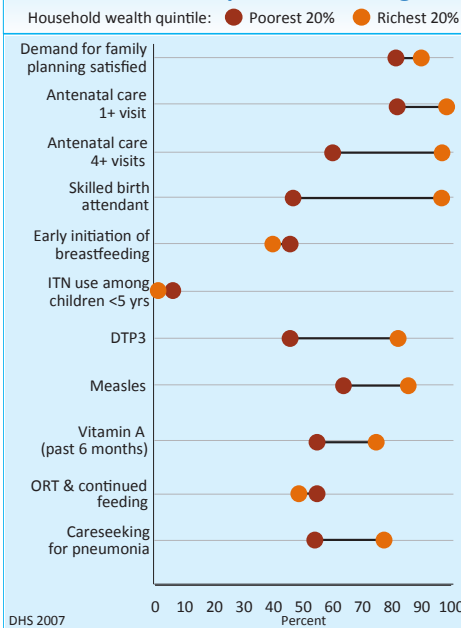
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 100 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage



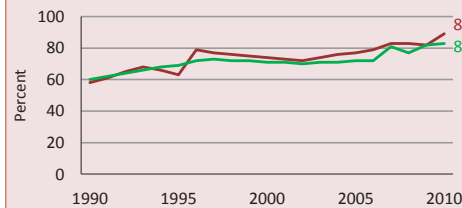
DHS 2007

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.

## CHILD HEALTH

### Immunization

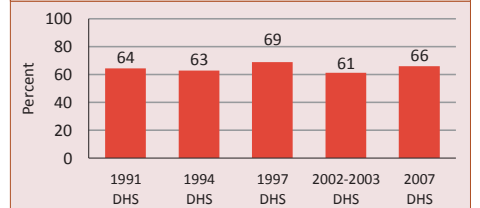
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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

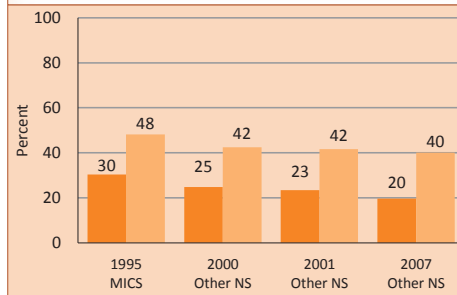


## NUTRITION

Wasting prevalence (moderate and severe, %)	15	(2007)	Early initiation of breastfeeding (within 1 hr of birth, %)	44	(2007)
Low birthweight incidence (moderate and severe, %)	9	(2007)	Introduction of solid, semi-solid/soft foods (%)	85	(2007)
			Vitamin A supplementation (two dose coverage, %)	80	(2010)

### Underweight and stunting prevalence

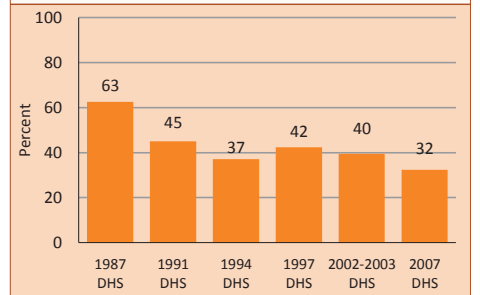
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

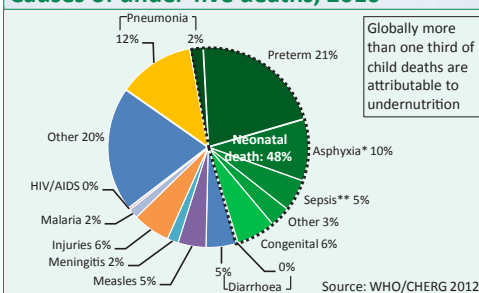
Percent infants <6 months exclusively breastfed



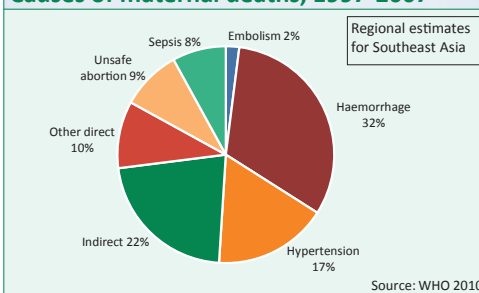


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



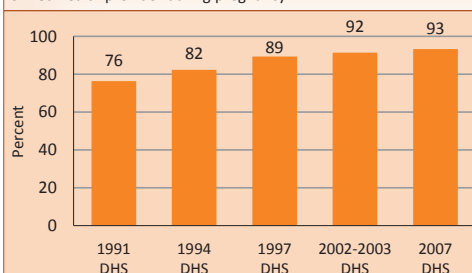
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



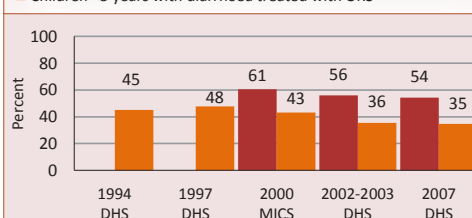
Demand for family planning satisfied (%)	81	(2007)
Antenatal care (4 or more visits, %)	82	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	7, 11, 4	(2007)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	73	(2007)
Postnatal visit for mother (within 2 days for all births, %)	87	(2007)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

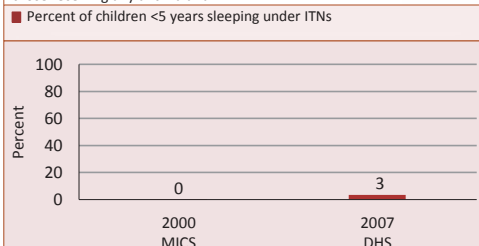
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

■ Percent of children <5 years sleeping under ITNs

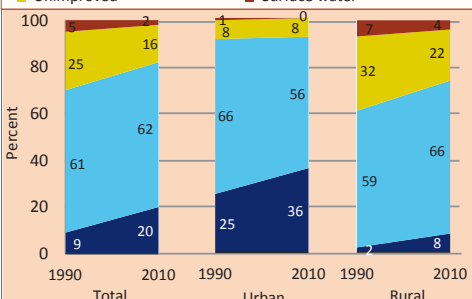


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

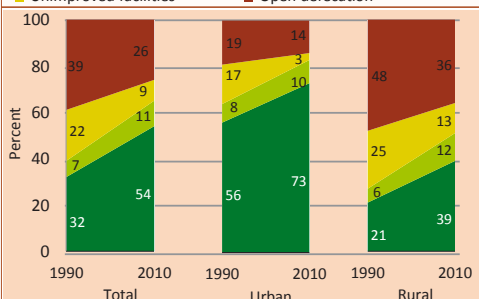
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

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

## SYSTEMS AND FINANCING

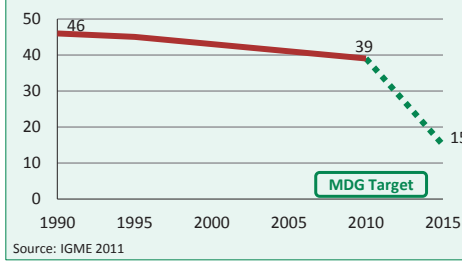
Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	23.3	(2007)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	340	(2010)
General government expenditure on health as % of total government expenditure (%)	8	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	38	(2010)
Official development assistance to child health per child (US\$)	3	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	7	(2009)

## DEMOGRAPHICS

Total population (000)	31,672	(2010)
Total under-five population (000)	5,188	(2010)
Births (000)	1,125	(2010)
Birth registration (%)	95	(2006)
Total under-five deaths (000)	43	(2010)
Neonatal deaths: % of all under-5 deaths	53	(2010)
Neonatal mortality rate (per 1000 live births)	20	(2010)
Infant mortality rate (per 1000 live births)	31	(2010)
Stillbirth rate (per 1000 total births)	9	(2009)
Total maternal deaths	710	(2010)
Lifetime risk of maternal death (1 in N)	310	(2010)
Total fertility rate (per woman)	4.7	(2010)
Adolescent birth rate (per 1000 women)	68	(2005)

### Under-five mortality rate

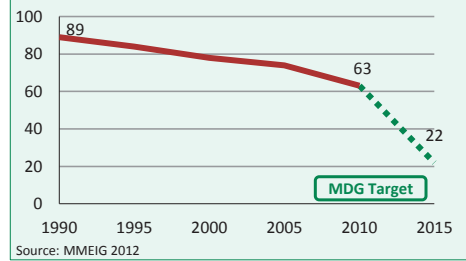
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

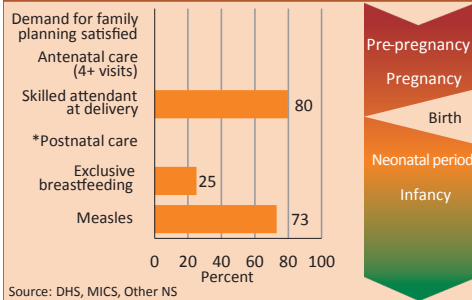


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

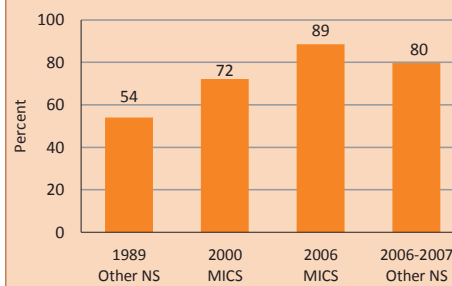


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 0 (2010)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
□ Uncertainty range around the estimate

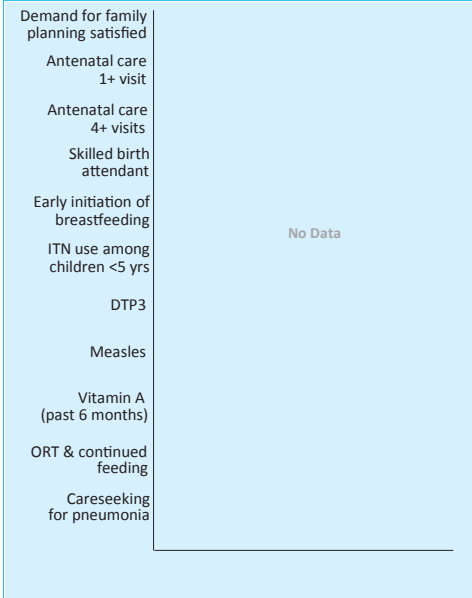


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

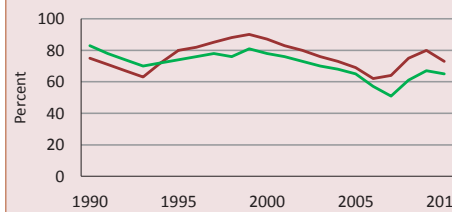


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

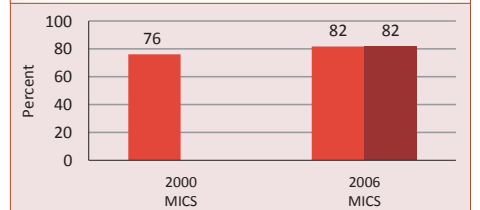
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

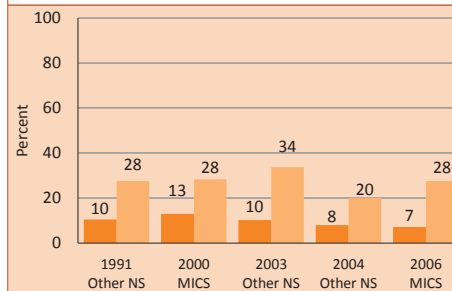


## NUTRITION

Wasting prevalence (moderate and severe, %)	6	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	31	(2006)
Low birthweight incidence (moderate and severe, %)	15	(2006)	Introduction of solid, semi-solid/soft foods (%)	62	(2006)
			Vitamin A supplementation (two dose coverage, %)	-	-

### Underweight and stunting prevalence

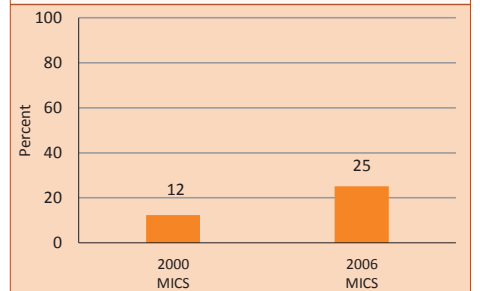
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

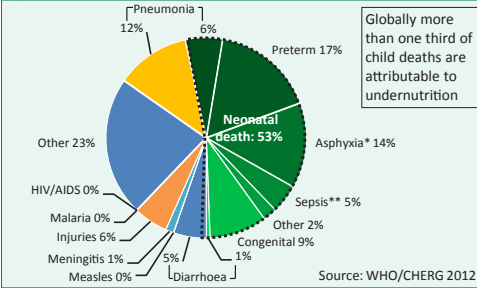
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

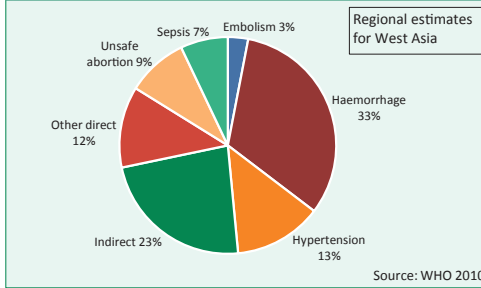


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



**Causes of maternal deaths, 1997-2007**



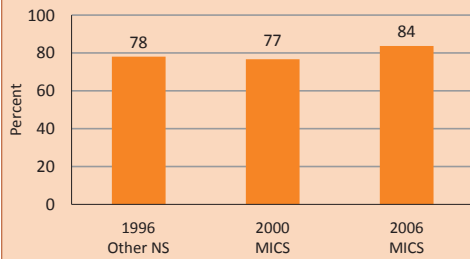
**POLICIES**

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

**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	21, 24, 15	(2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	80	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

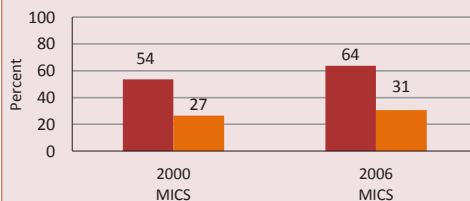
**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	20.7 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	78 (2010)
General government expenditure on health as % of total government expenditure (%)	9 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	19 (2010)
Official development assistance to child health per child (US\$)	6 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	10 (2009)

**CHILD HEALTH**

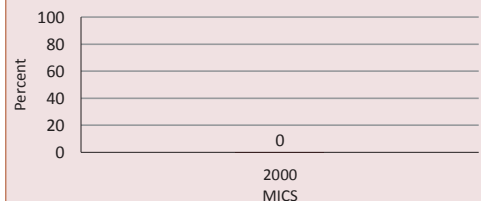
**Diarrhoeal disease treatment**

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



**Malaria prevention and treatment**

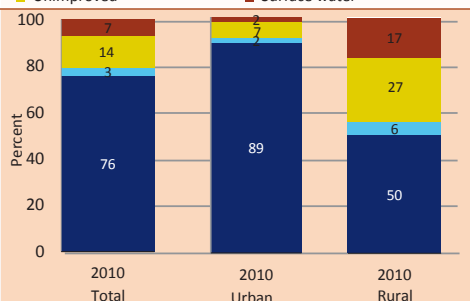
■ Percent of children receiving first line treatment among those receiving any antimalarial  
 ■ Percent of children <5 years sleeping under ITNs



**WATER AND SANITATION**

**Improved drinking water coverage**

Percent of population by type of drinking water source, 2010\*  
 ■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water

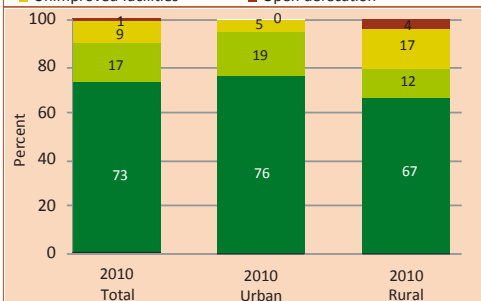


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

**Improved sanitation coverage**

Percent of population by type of sanitation facility, 2010\*  
 ■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



Source: WHO/UNICEF JMP 2012

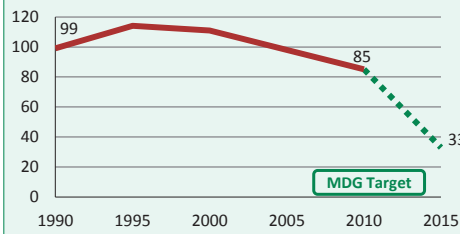
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	40,513	(2010)
Total under-five population (000)	6,664	(2010)
Births (000)	1,529	(2010)
Birth registration (%)	60	(2008-2009)
Total under-five deaths (000)	122	(2010)
Neonatal deaths: % of all under-5 deaths	35	(2010)
Neonatal mortality rate (per 1000 live births)	28	(2010)
Infant mortality rate (per 1000 live births)	55	(2010)
Stillbirth rate (per 1000 total births)	22	(2009)
Total maternal deaths	5,500	(2010)
Lifetime risk of maternal death (1 in N)	55	(2010)
Total fertility rate (per woman)	4.7	(2010)
Adolescent birth rate (per 1000 women)	106	(2007)

### Under-five mortality rate

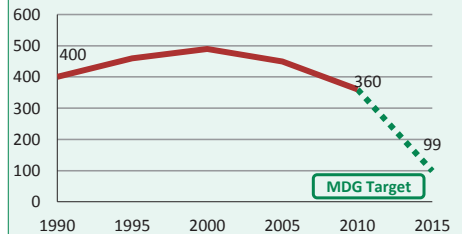
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

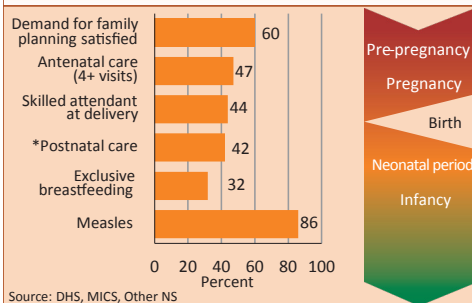


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

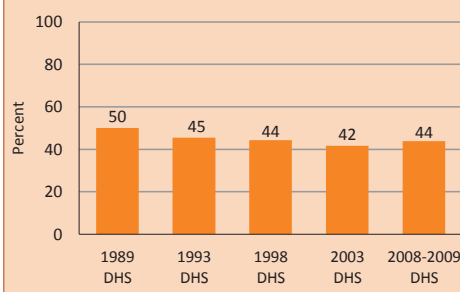


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

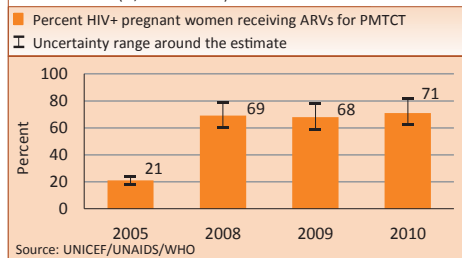
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 33 (2010)

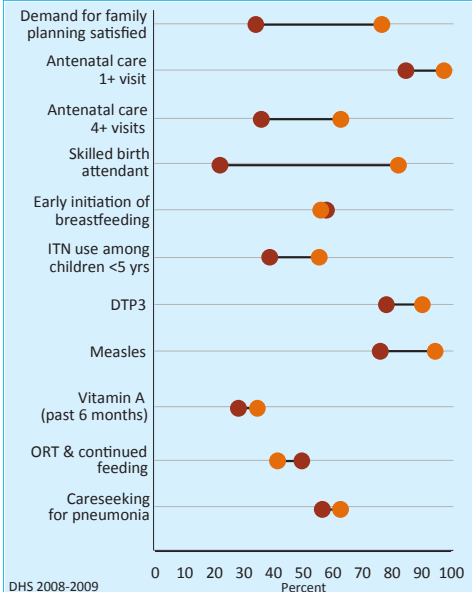


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

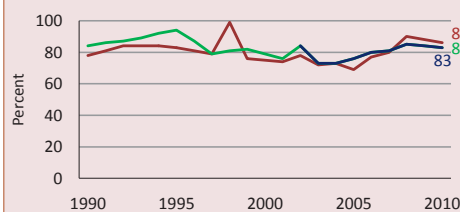


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

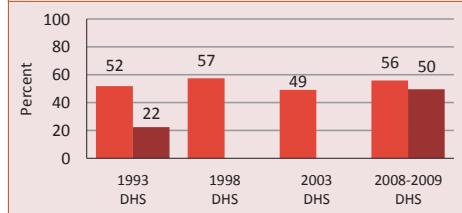
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

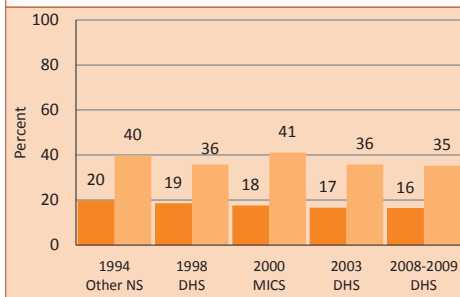


## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2008-2009)	Early initiation of breastfeeding (within 1 hr of birth, %)	58	(2008-2009)
Low birthweight incidence (moderate and severe, %)	8	(2008-2009)	Introduction of solid, semi-solid/soft foods (%)	85	(2008-2009)
			Vitamin A supplementation (two dose coverage, %)	62	(2010)

### Underweight and stunting prevalence

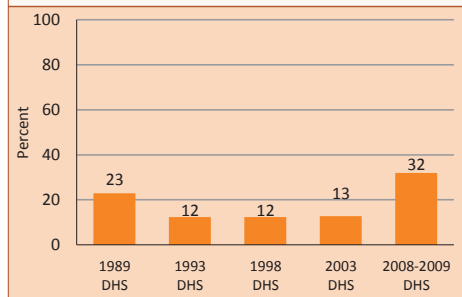
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

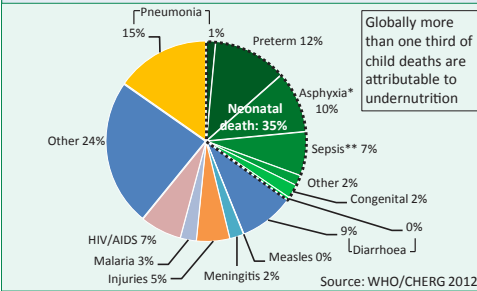
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

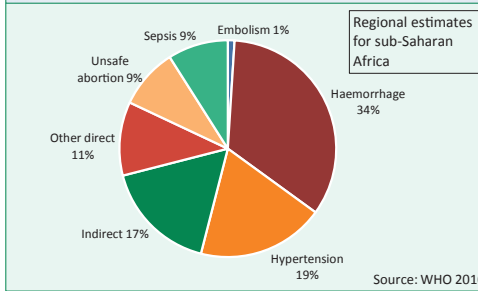


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



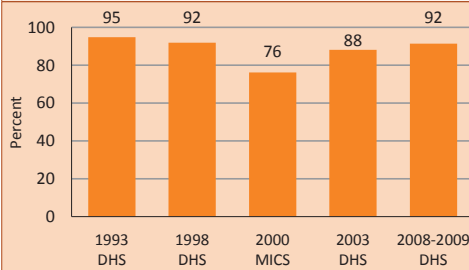
**Causes of maternal deaths, 1997-2007**



**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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

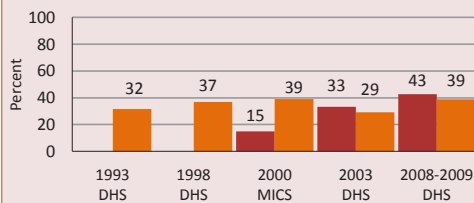


Demand for family planning satisfied (%)	60	(2008 -2009)
Antenatal care (4 or more visits, %)	47	(2008 -2009)
Malaria during pregnancy - intermittent preventive treatment (%)	15	(2008 -2009)
C-section rate (total, urban, rural; %)	6, 11, 5	(2008 -2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	78	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	42	(2008 -2009)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	12	(2008 -2009)

**CHILD HEALTH**

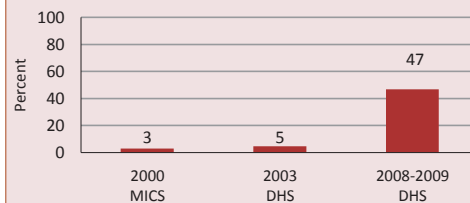
**Diarrhoeal disease treatment**

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



**Malaria prevention and treatment**

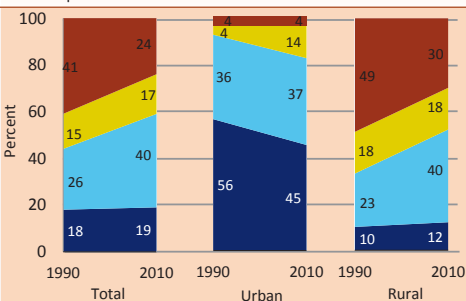
■ Percent of children <5 years receiving first line treatment among those receiving any antimalarial: 34 (2008 -2009)  
 ■ Percent of children <5 years sleeping under ITNs



**WATER AND SANITATION**

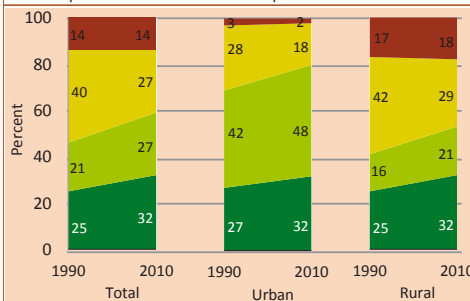
**Improved drinking water coverage**

Percent of population by type of drinking water source, 1990-2010  
 ■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



**Improved sanitation coverage**

Percent of population by type of sanitation facility, 1990-2010  
 ■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



**POLICIES**

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

**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	13.2 (2002)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	140 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	43 (2010)
Official development assistance to child health per child (US\$)	16 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	30 (2009)

Source: WHO/UNICEF JMP 2012

Source: WHO/UNICEF JMP 2012



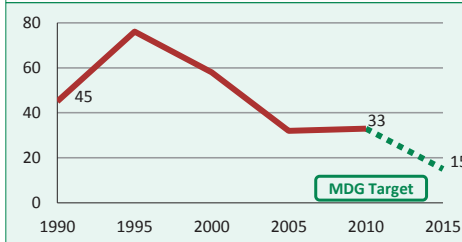


## DEMOGRAPHICS

Total population (000)	24,346	(2010)
Total under-five population (000)	1,704	(2010)
Births (000)	348	(2010)
Birth registration (%)	100	(2009)
Total under-five deaths (000)	12	(2010)
Neonatal deaths: % of all under-5 deaths	52	(2010)
Neonatal mortality rate (per 1000 live births)	18	(2010)
Infant mortality rate (per 1000 live births)	26	(2010)
Stillbirth rate (per 1000 total births)	13	(2009)
Total maternal deaths	280	(2010)
Lifetime risk of maternal death (1 in N)	670	(2010)
Total fertility rate (per woman)	2.0	(2010)
Adolescent birth rate (per 1000 women)	1	(2008)

### Under-five mortality rate

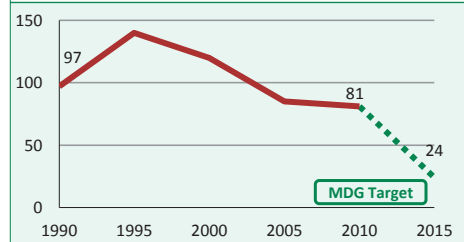
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

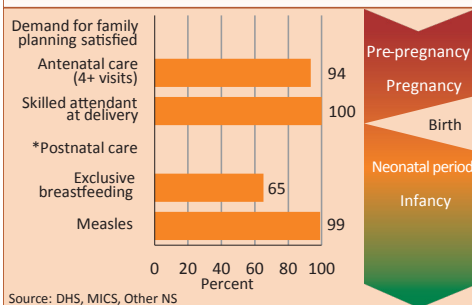


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

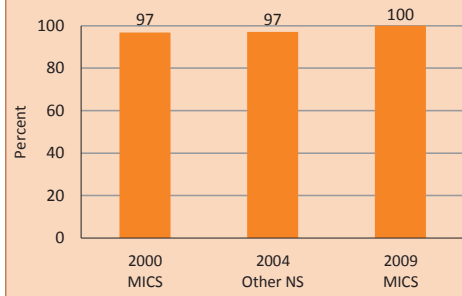


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

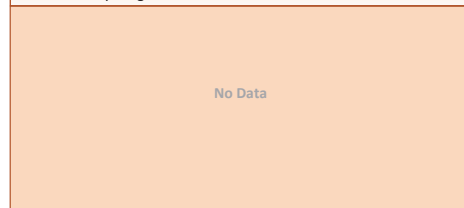
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

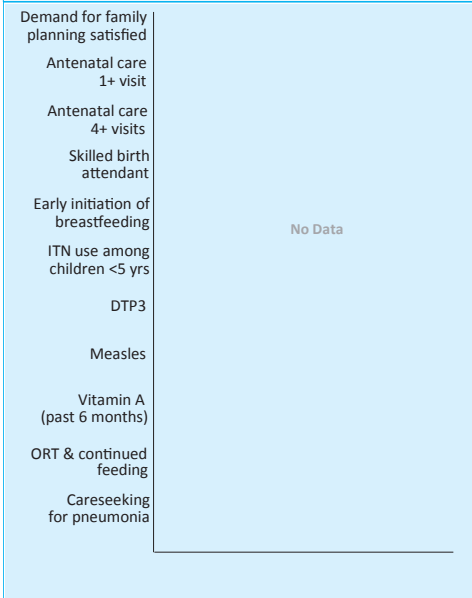
■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
 ▭ Uncertainty range around the estimate



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

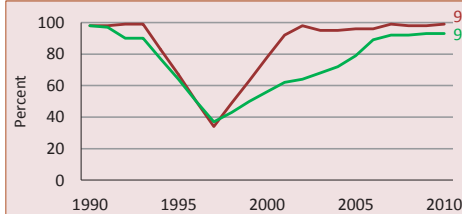


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

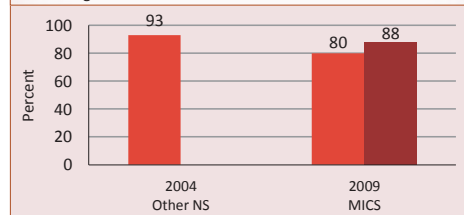
■ Percent of children immunized against measles  
 ■ Percent of children immunized with 3 doses DTP  
 ■ Percent of children immunized with 3 doses Hib



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

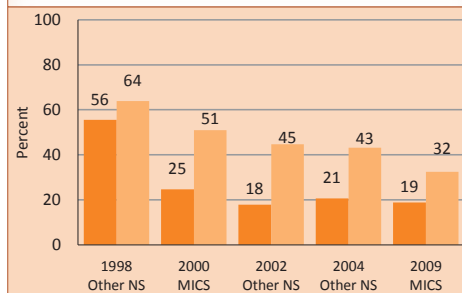


## NUTRITION

Wasting prevalence (moderate and severe, %)	5	(2009)	Early initiation of breastfeeding (within 1 hr of birth, %)	18	(2009)
Low birthweight incidence (moderate and severe, %)	6	(2009)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	99	(2010)

### Underweight and stunting prevalence

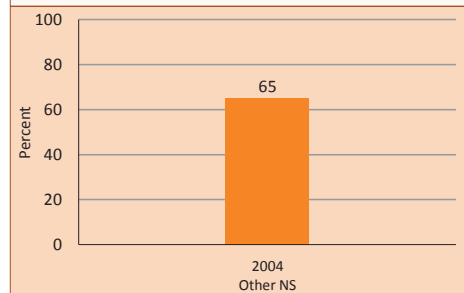
■ Percent children <5 years who are underweight  
 ■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

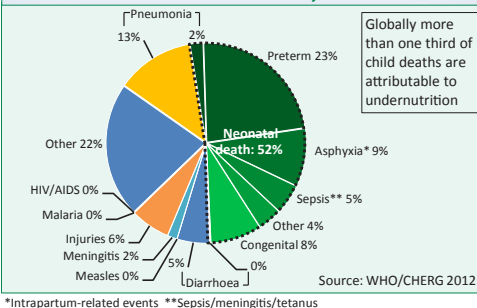
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

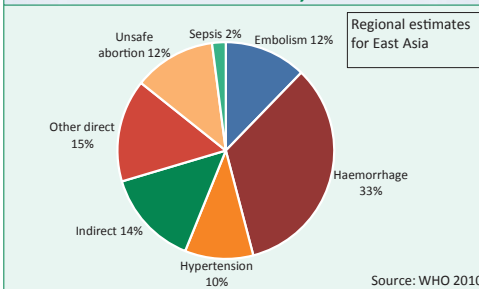


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007



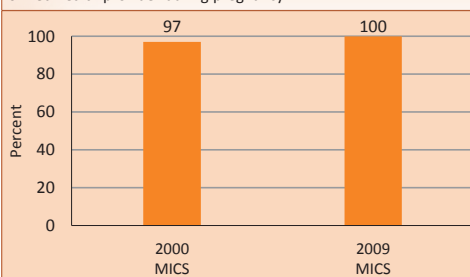
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	94	(2009)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural, %)	13, 15, 9	(2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	91	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

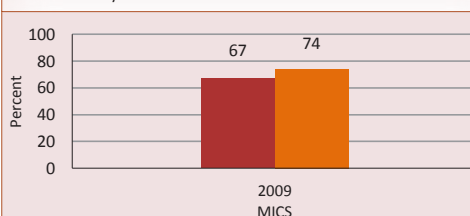
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	74.1 (2003)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	-
General government expenditure on health as % of total government expenditure (%)	-
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	4 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	8 (2009)

## CHILD HEALTH

### 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



### Malaria prevention and treatment

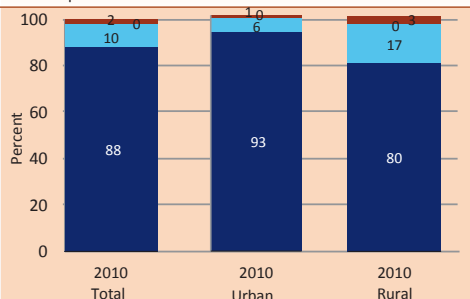
Percent of children receiving first line treatment among those receiving any antimalarial	-
■ Percent of children <5 years sleeping under ITNs	-

Very limited risk of malaria transmission

## WATER AND SANITATION

### Improved drinking water coverage

- Piped on premises
- Other improved
- Unimproved
- Surface water

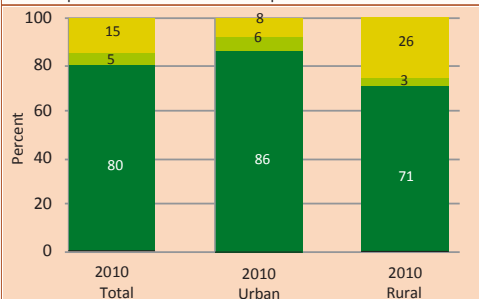


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

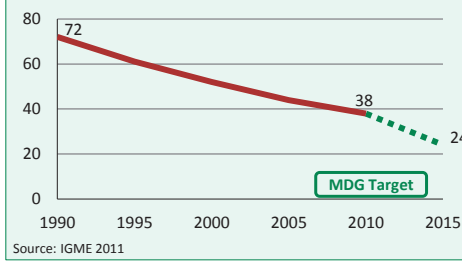
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	5,334	(2010)
Total under-five population (000)	595	(2010)
Births (000)	130	(2010)
Birth registration (%)	94	(2006)
Total under-five deaths (000)	5	(2010)
Neonatal deaths: % of all under-5 deaths	46	(2010)
Neonatal mortality rate (per 1000 live births)	19	(2010)
Infant mortality rate (per 1000 live births)	33	(2010)
Stillbirth rate (per 1000 total births)	10	(2009)
Total maternal deaths	91	(2010)
Lifetime risk of maternal death (1 in N)	480	(2010)
Total fertility rate (per woman)	2.7	(2010)
Adolescent birth rate (per 1000 women)	30	(2008)

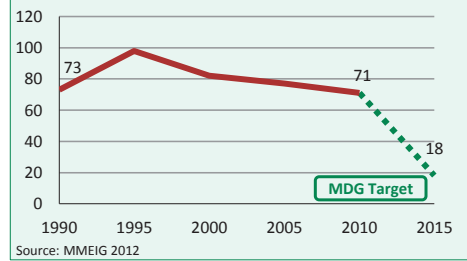
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

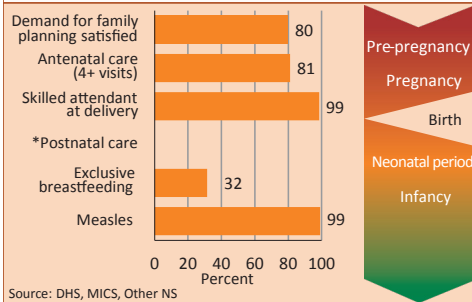
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

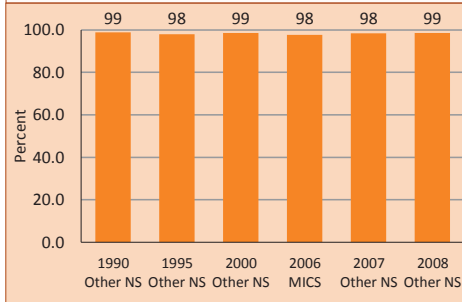
### Coverage along the continuum of care



\* See Annex/website for indicator definition

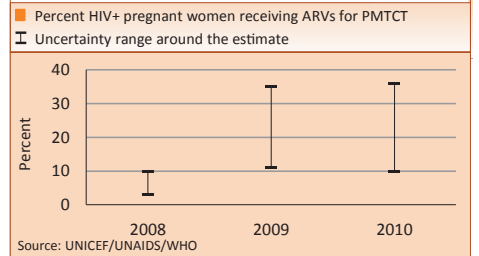
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



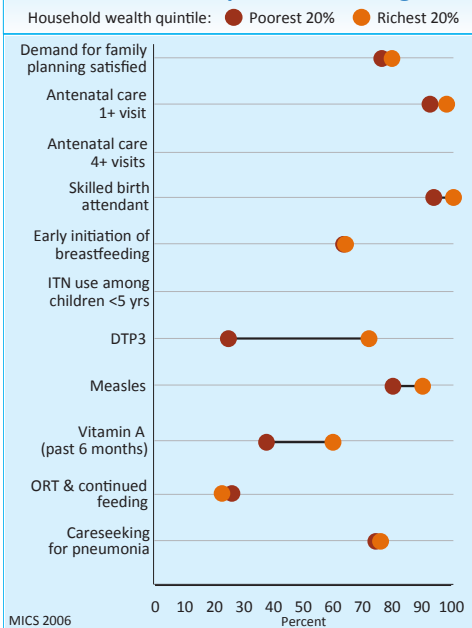
### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 19 (2010)



## EQUITY

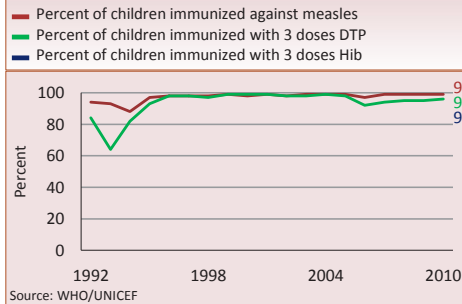
### Socioeconomic inequities in coverage



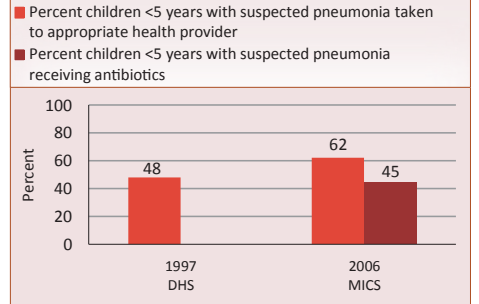
Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization



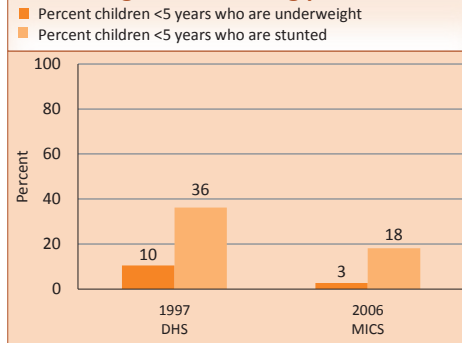
### Pneumonia treatment



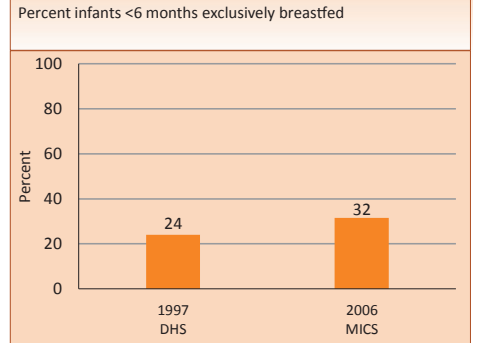
## NUTRITION

Wasting prevalence (moderate and severe, %)	3	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	65	(2006)
Low birthweight incidence (moderate and severe, %)	5	(2006)	Introduction of solid, semi-solid/soft foods (%)	60	(2006)
			Vitamin A supplementation (two dose coverage, %)	97	(2010)

### Underweight and stunting prevalence

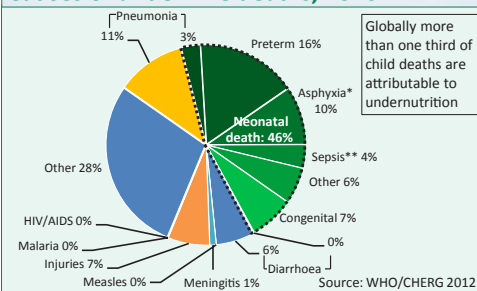


### Exclusive breastfeeding



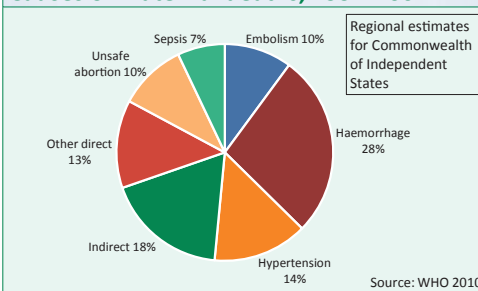
**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

**Causes of maternal deaths, 1997-2007**



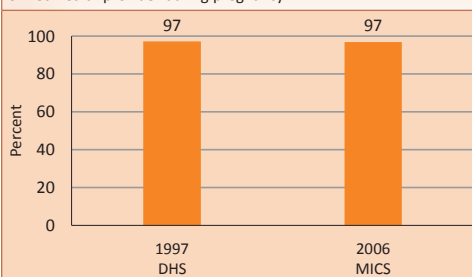
**POLICIES**

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

**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



Demand for family planning satisfied (%)	80	(2005-2006)
Antenatal care (4 or more visits, %)	81	(1997)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	6, 7, 6	(1997)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-
*Not applicable		

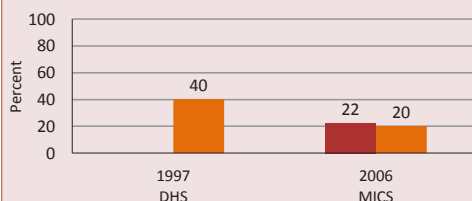
**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	No
Density of doctors, nurses and midwives (per 10,000 population)	79.6 (2007)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	97 (2010)
General government expenditure on health as % of total government expenditure (%)	11 (2010)
Out-of-pocket expenditure as % of total expenditure (%)	38 (2010)
Official development assistance to child health per child (US\$)	17 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	25 (2009)

**CHILD HEALTH**

**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



**Malaria prevention and treatment**

Percent of children receiving first line treatment among those receiving any antimalarial

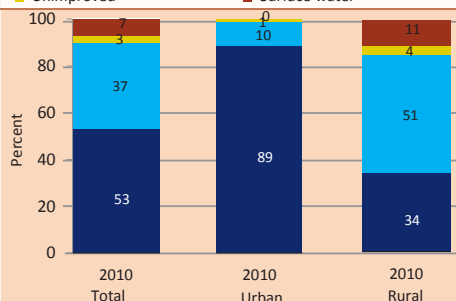
- Percent of children <5 years sleeping under ITNs

Very limited risk of malaria transmission

**WATER AND SANITATION**

**Improved drinking water coverage**

- Piped on premises
- Other improved
- Unimproved
- Surface water

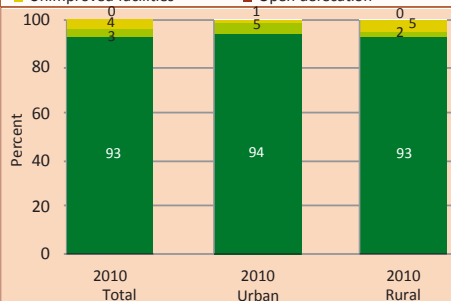


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

**Improved sanitation coverage**

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

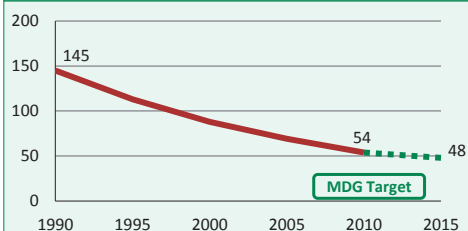


## DEMOGRAPHICS

Total population (000)	6,201	(2010)
Total under-five population (000)	683	(2010)
Births (000)	141	(2010)
Birth registration (%)	72	(2006)
Total under-five deaths (000)	8	(2010)
Neonatal deaths: % of all under-5 deaths	39	(2010)
Neonatal mortality rate (per 1000 live births)	21	(2010)
Infant mortality rate (per 1000 live births)	42	(2010)
Stillbirth rate (per 1000 total births)	14	(2009)
Total maternal deaths	670	(2010)
Lifetime risk of maternal death (1 in N)	74	(2010)
Total fertility rate (per woman)	2.7	(2010)
Adolescent birth rate (per 1000 women)	110	(2005)

### Under-five mortality rate

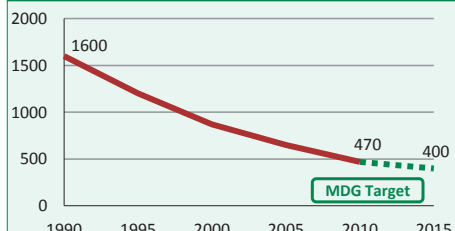
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

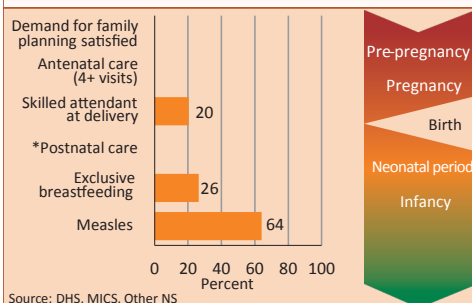


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

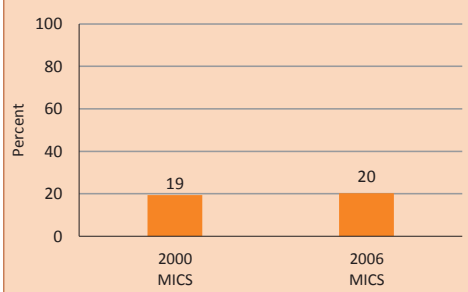


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

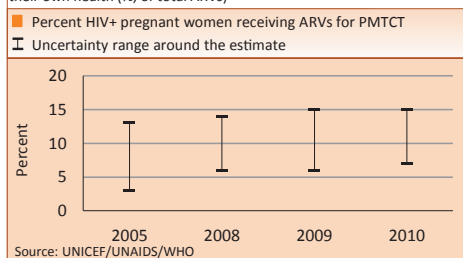
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 85 (2010)

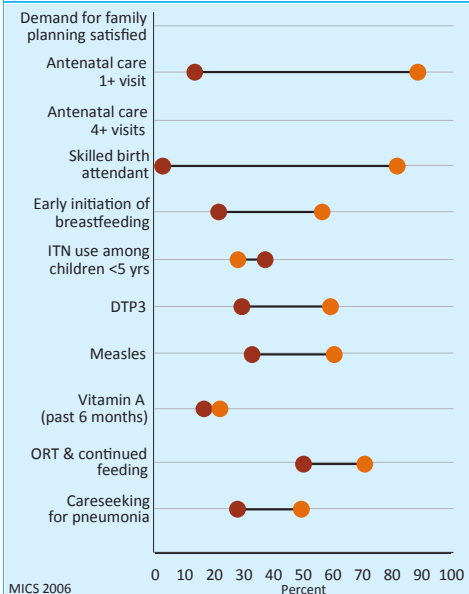


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



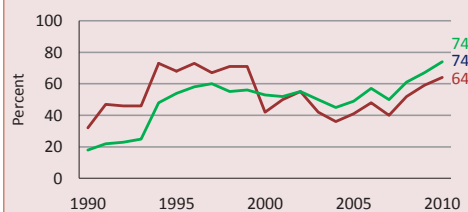
MICS 2006

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.

## CHILD HEALTH

### Immunization

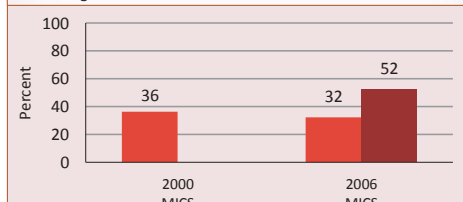
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

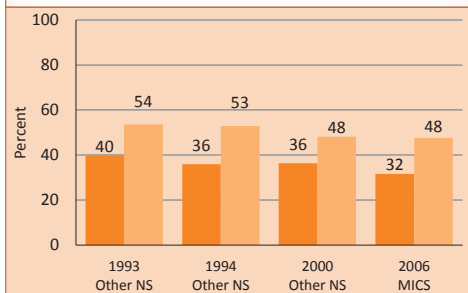


## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	30	(2006)
Low birthweight incidence (moderate and severe, %)	11	(2006)	Introduction of solid, semi-solid/soft foods (%)	41	(2006)
			Vitamin A supplementation (two dose coverage, %)	83	(2010)

### Underweight and stunting prevalence

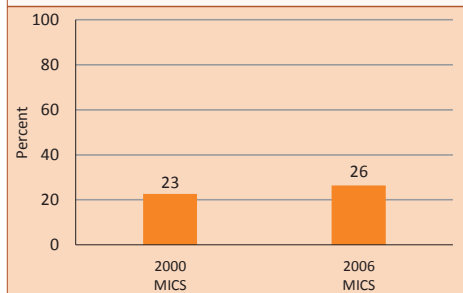
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

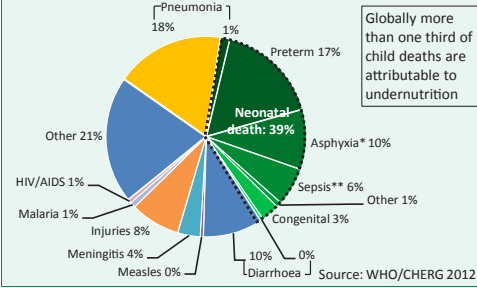
Percent infants <6 months exclusively breastfed





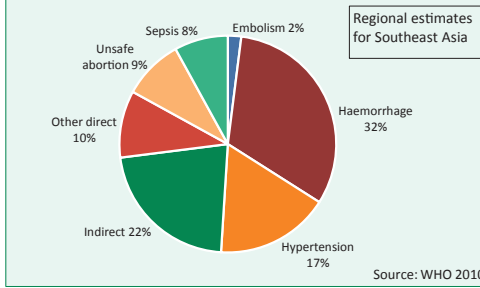
DEMOGRAPHICS

Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

Causes of maternal deaths, 1997-2007



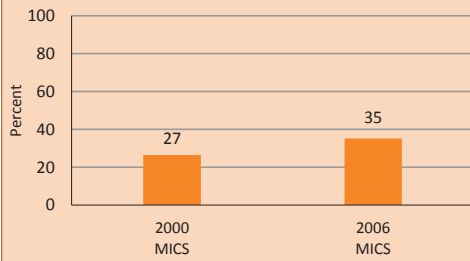
POLICIES

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

MATERNAL AND NEWBORN HEALTH

Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	-	-
Malaria during pregnancy - intermittent preventive treatment (%)	1	(2006)
C-section rate (total, urban, rural; %)	2, -, -	(2009 - 2010)
Neonatal tetanus vaccine (%)	80	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

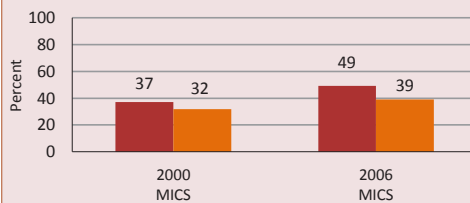
SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	12.4 (2005)
National availability of emergency obstetric care services (% of recommended minimum)	46 (2011)
Per capita total expenditure on health (Int\$)	170 (2010)
General government expenditure on health as % of total government expenditure (%)	6 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	51 (2010)
Official development assistance to child health per child (US\$)	15 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	39 (2009)

CHILD HEALTH

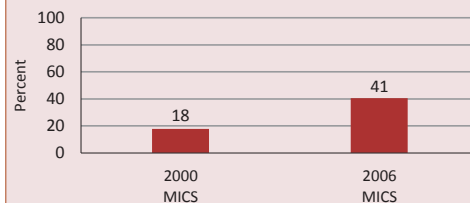
Diarrhoeal disease treatment

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



Malaria prevention and treatment

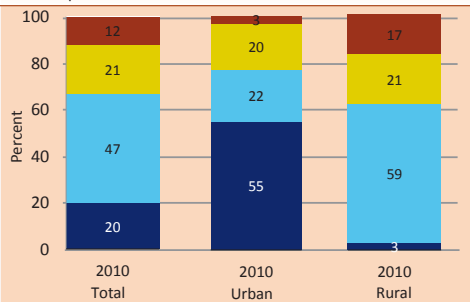
■ Percent of children receiving first line treatment among those receiving any antimalarial  
■ Percent of children <5 years sleeping under ITNs



WATER AND SANITATION

Improved drinking water coverage

Percent of population by type of drinking water source, 2010\*  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water

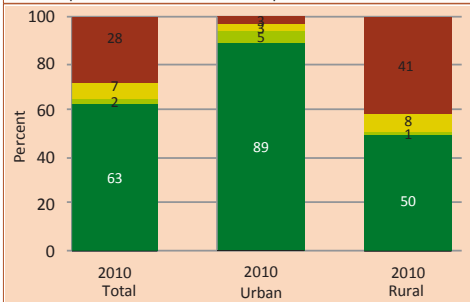


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



Source: WHO/UNICEF JMP 2012

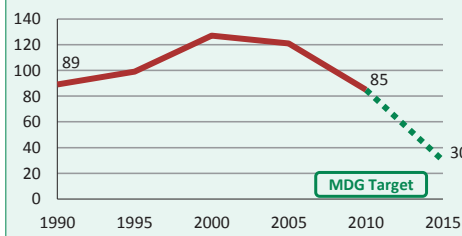
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	2,171	(2010)
Total under-five population (000)	274	(2010)
Births (000)	60	(2010)
Birth registration (%)	45	(2009)
Total under-five deaths (000)	5	(2010)
Neonatal deaths: % of all under-5 deaths	42	(2010)
Neonatal mortality rate (per 1000 live births)	35	(2010)
Infant mortality rate (per 1000 live births)	65	(2010)
Stillbirth rate (per 1000 total births)	25	(2009)
Total maternal deaths	370	(2010)
Lifetime risk of maternal death (1 in N)	53	(2010)
Total fertility rate (per woman)	3.2	(2010)
Adolescent birth rate (per 1000 women)	92	(2007)

### Under-five mortality rate

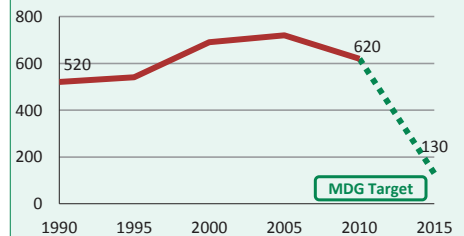
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

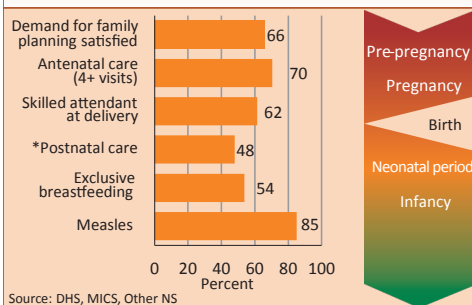


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

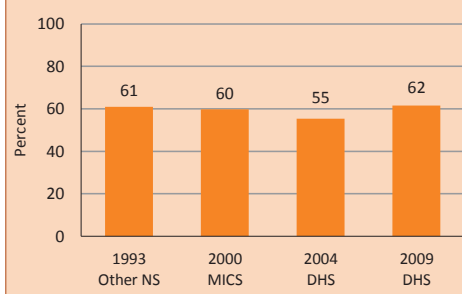


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

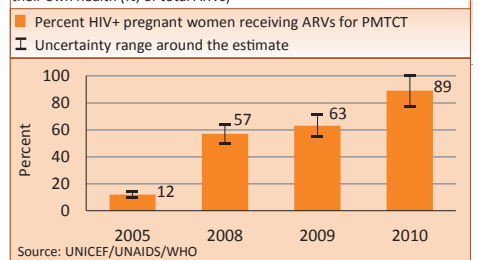
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 24 (2010)

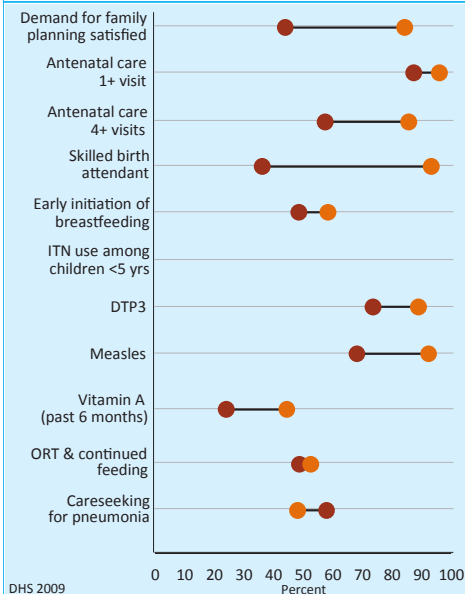


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



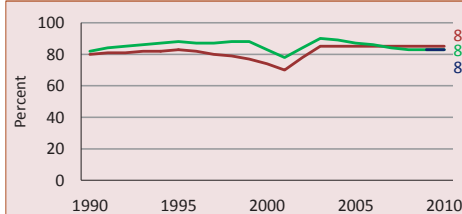
DHS 2009

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.

## CHILD HEALTH

### Immunization

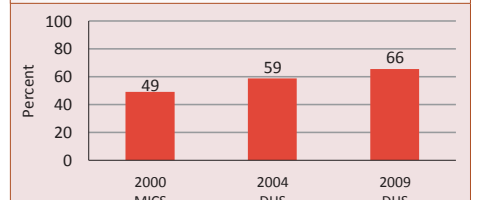
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

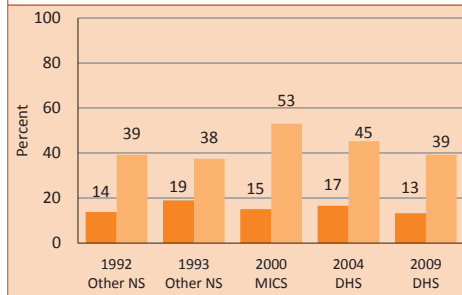


## NUTRITION

Wasting prevalence (moderate and severe, %)	4	(2009)	Early initiation of breastfeeding (within 1 hr of birth, %)	53	(2009)
Low birthweight incidence (moderate and severe, %)	13	(2004)	Introduction of solid, semi-solid/soft foods (%)	68	(2009)
			Vitamin A supplementation (two dose coverage, %)	38	(2007)

### Underweight and stunting prevalence

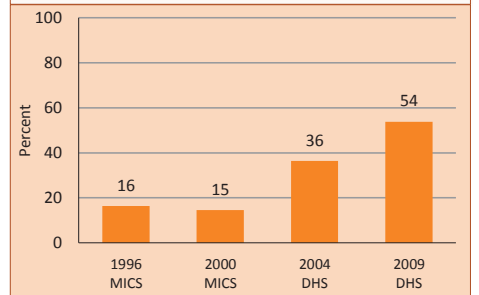
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

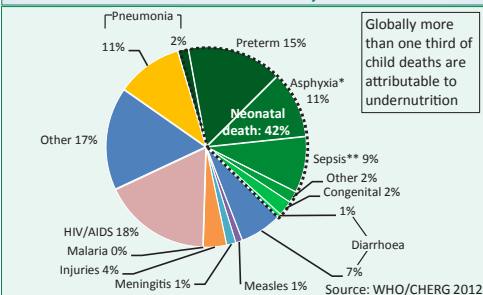
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

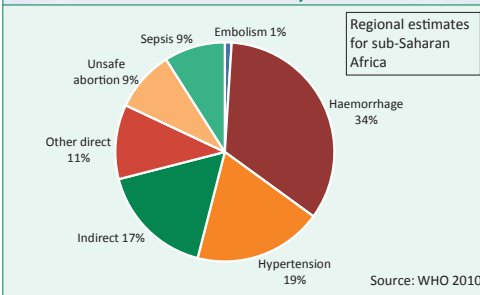


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



**Causes of maternal deaths, 1997-2007**



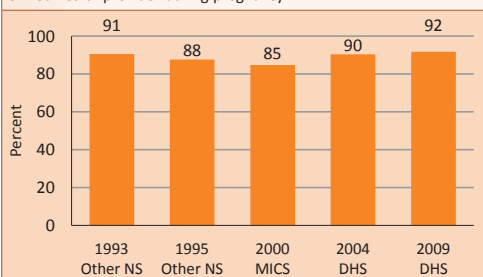
**POLICIES**

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

**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



Demand for family planning satisfied (%)	66	(2009)
Antenatal care (4 or more visits, %)	70	(2009)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	7, 11, 5	(2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	83	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	48	(2009)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

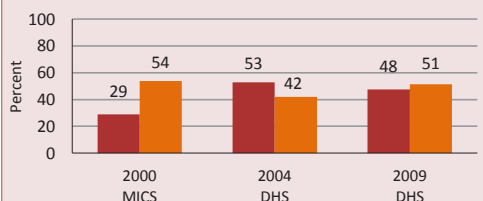
**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	6.7 (2003)
National availability of emergency obstetric care services (% of recommended minimum)	29 (2004)
Per capita total expenditure on health (Int\$)	49 (2010)
General government expenditure on health as % of total government expenditure (%)	13 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	16 (2010)
Official development assistance to child health per child (US\$)	11 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	27 (2009)

**CHILD HEALTH**

**Diarrhoeal disease treatment**

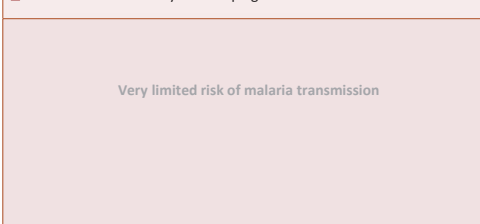
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



**Malaria prevention and treatment**

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

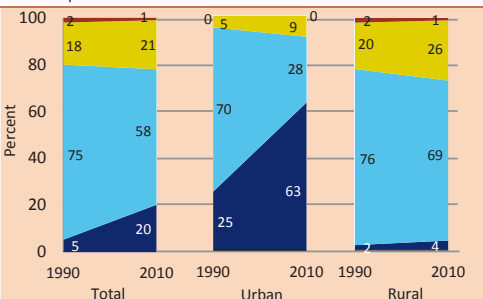


**WATER AND SANITATION**

**Improved drinking water coverage**

Percent of population by type of drinking water source, 1990-2010

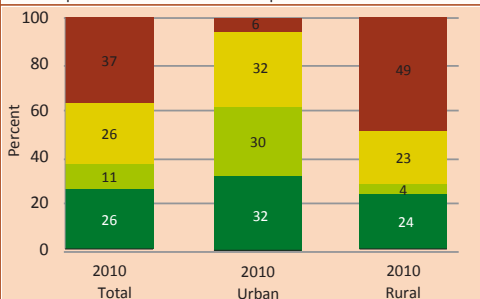
- Piped on premises
- Other improved
- Unimproved
- Surface water



**Improved sanitation coverage**

Percent of population by type of sanitation facility, 2010\*

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



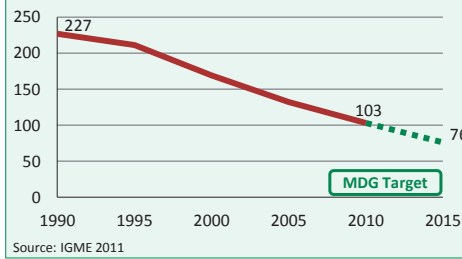
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	3,994	(2010)
Total under-five population (000)	681	(2010)
Births (000)	154	(2010)
Birth registration (%)	4	(2007)
Total under-five deaths (000)	15	(2010)
Neonatal deaths: % of all under-5 deaths	34	(2010)
Neonatal mortality rate (per 1000 live births)	34	(2010)
Infant mortality rate (per 1000 live births)	74	(2010)
Stillbirth rate (per 1000 total births)	27	(2009)
Total maternal deaths	1,200	(2010)
Lifetime risk of maternal death (1 in N)	24	(2010)
Total fertility rate (per woman)	5.2	(2010)
Adolescent birth rate (per 1000 women)	177	(2007)

### Under-five mortality rate

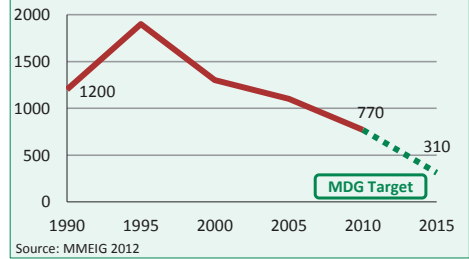
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

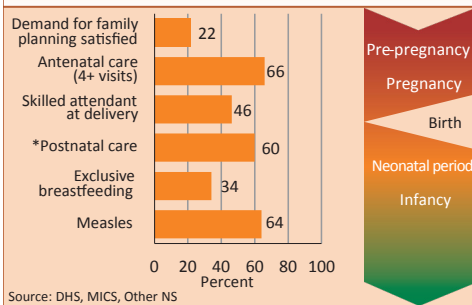


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

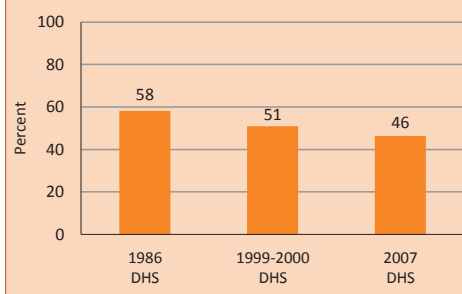


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

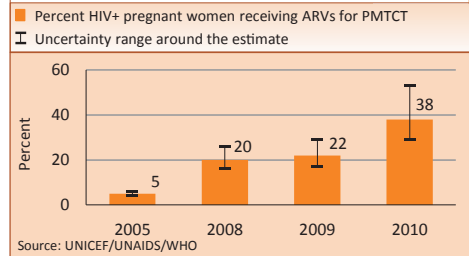
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 18 (2010)

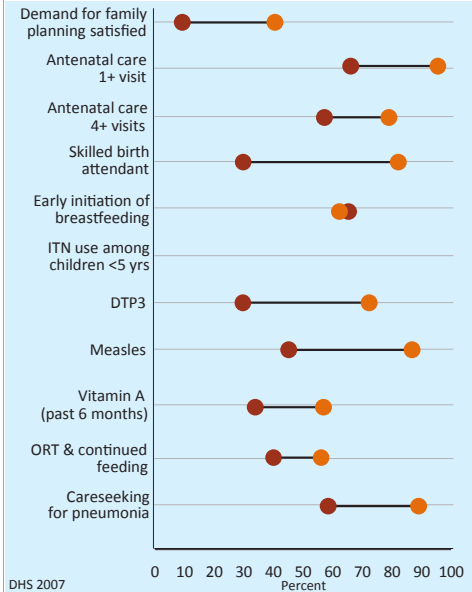


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



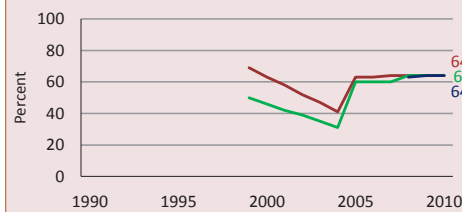
DHS 2007

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 inequity. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

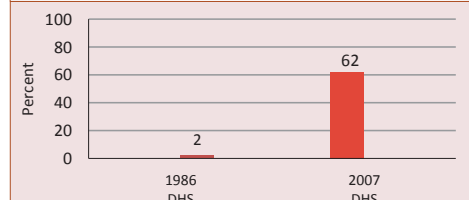
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

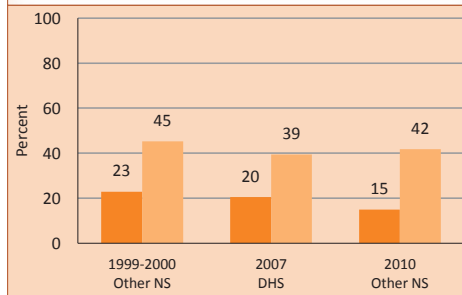


## NUTRITION

Wasting prevalence (moderate and severe, %)	3	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	44	(2010)
Low birthweight incidence (moderate and severe, %)	14	(2007)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	97	(2010)

### Underweight and stunting prevalence

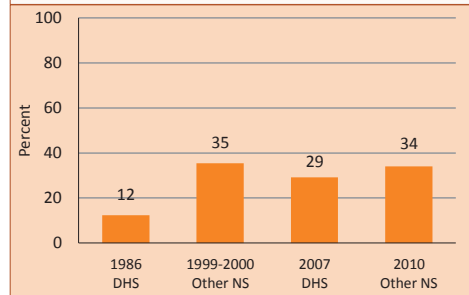
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

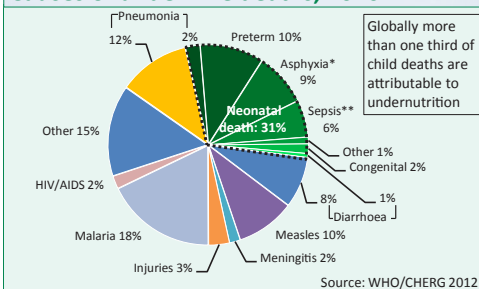
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



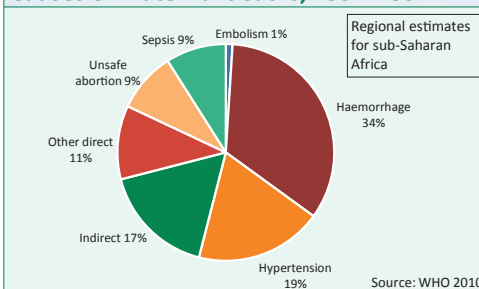
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

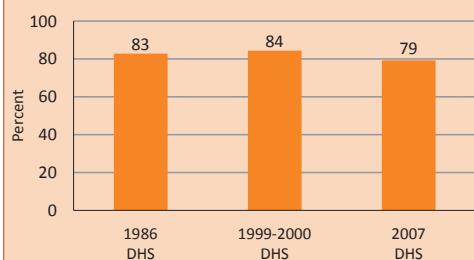
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

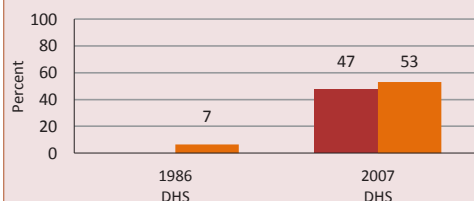


Demand for family planning satisfied (%)	22	(2007)
Antenatal care (4 or more visits, %)	66	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	45	(2009)
C-section rate (total, urban, rural; %)	4, 5, 3	(2007)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	91	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	60	(2007)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	9	(2007)

## CHILD HEALTH

### Diarrhoeal disease treatment

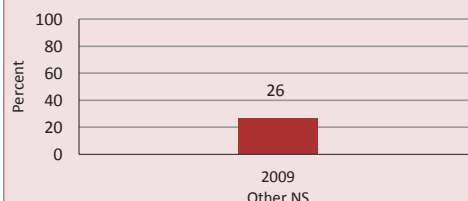
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
 ■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children receiving first line treatment among those receiving any antimalarial

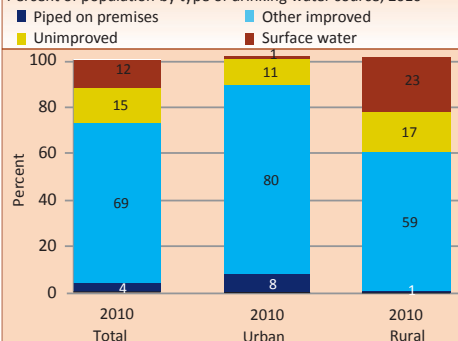
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

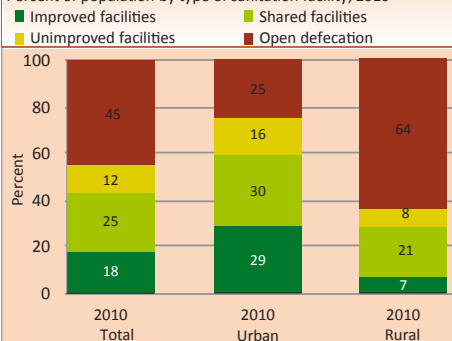
Percent of population by type of drinking water source, 2010\*



\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*



\*Insufficient data for generating a trend graph.

## POLICIES

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

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	2.8	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	27	(2011)
Per capita total expenditure on health (Int\$)	36	(2010)
General government expenditure on health as % of total government expenditure (%)	11	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	35	(2010)
Official development assistance to child health per child (US\$)	48	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	115	(2009)

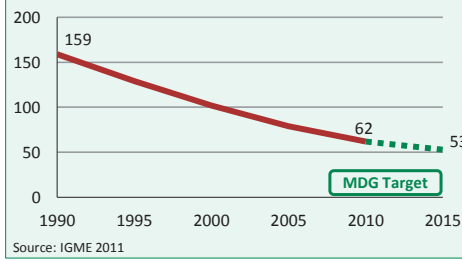


## DEMOGRAPHICS

Total population (000)	20,714	(2010)
Total under-five population (000)	3,305	(2010)
Births (000)	732	(2010)
Birth registration (%)	80	(2008-2009)
Total under-five deaths (000)	44	(2010)
Neonatal deaths: % of all under-5 deaths	37	(2010)
Neonatal mortality rate (per 1000 live births)	22	(2010)
Infant mortality rate (per 1000 live births)	43	(2010)
Stillbirth rate (per 1000 total births)	21	(2009)
Total maternal deaths	1,800	(2010)
Lifetime risk of maternal death (1 in N)	81	(2010)
Total fertility rate (per woman)	4.7	(2010)
Adolescent birth rate (per 1000 women)	147	(2007)

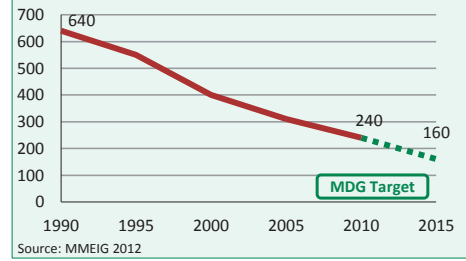
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

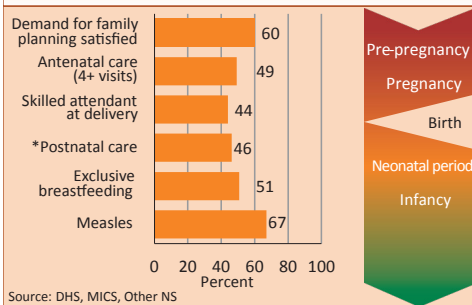
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

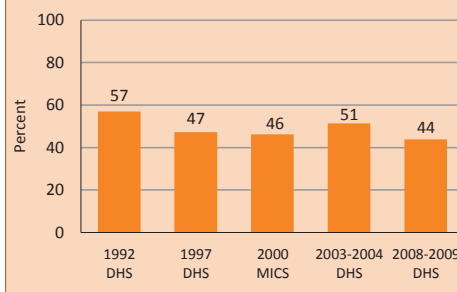
## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care



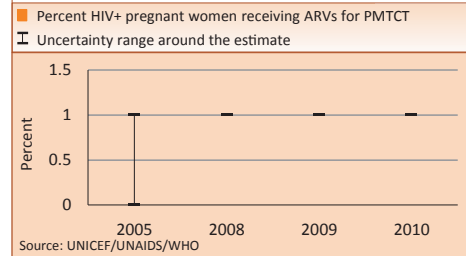
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

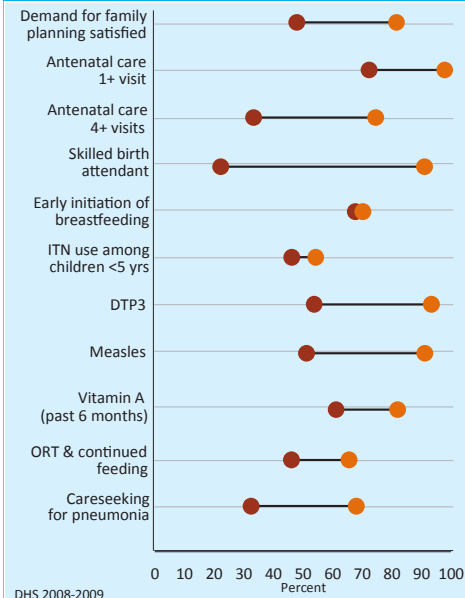
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 6 (2010)



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

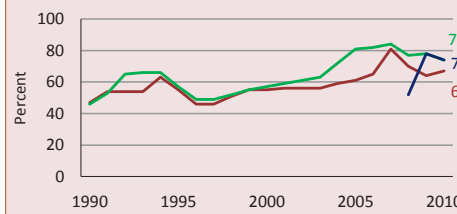


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

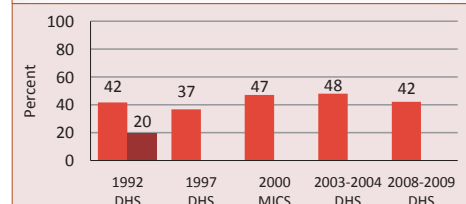
### Immunization

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



### Pneumonia treatment

■ Percent children <5 years with suspected pneumonia taken to appropriate health provider  
■ Percent children <5 years with suspected pneumonia receiving antibiotics

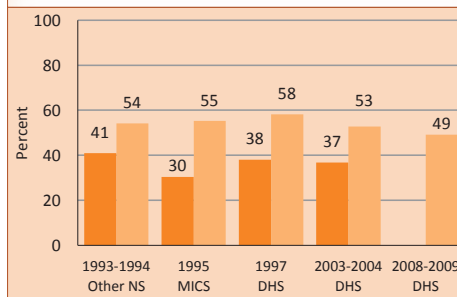


## NUTRITION

Wasting prevalence (moderate and severe, %)	15 (2003-2004)	Early initiation of breastfeeding (within 1 hr of birth, %)	72 (2008-2009)
Low birthweight incidence (moderate and severe, %)	16 (2008-2009)	Introduction of solid, semi-solid/soft foods (%)	86 (2008-2009)
		Vitamin A supplementation (two dose coverage, %)	95 (2010)

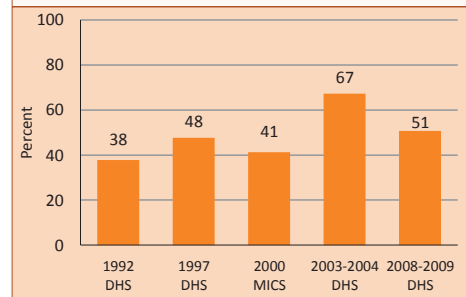
### Underweight and stunting prevalence

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



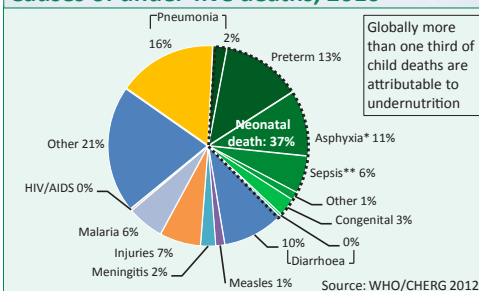
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



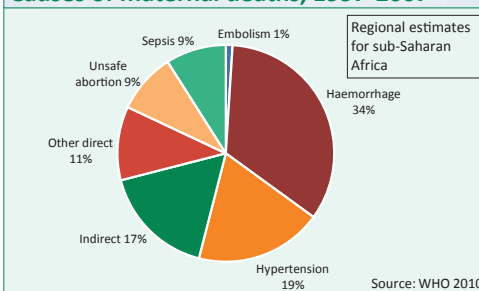
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



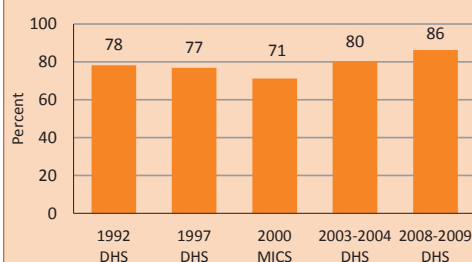
## POLICIES

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Yes
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	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	Partial

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	60	(2008-2009)
Antenatal care (4 or more visits, %)	49	(2008-2009)
Malaria during pregnancy - intermittent preventive treatment (%)	6	(2008-2009)
C-section rate (total, urban, rural; %)	2, 6, 1	(2008-2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	76	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	46	(2008-2009)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	28	(2008-2009)

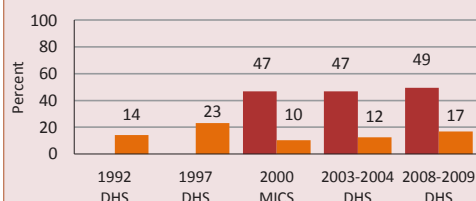
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	4.8 (2007)
National availability of emergency obstetric care services (% of recommended minimum)	11 (2010)
Per capita total expenditure on health (Int\$)	65 (2010)
General government expenditure on health as % of total government expenditure (%)	15 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	27 (2010)
Official development assistance to child health per child (US\$)	10 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	17 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

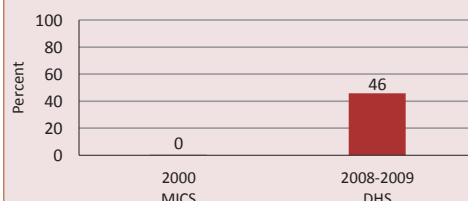
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

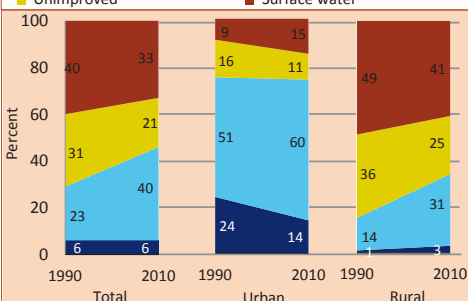


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

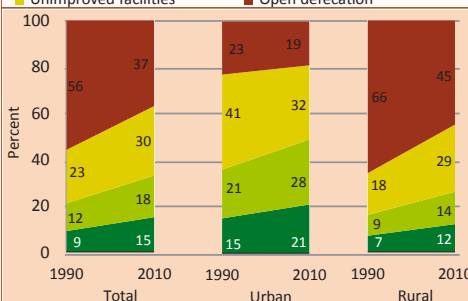
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation

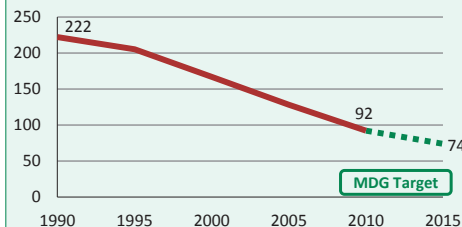


## DEMOGRAPHICS

Total population (000)	14,901	(2010)
Total under-five population (000)	2,715	(2010)
Births (000)	663	(2010)
Birth registration (%)	-	-
Total under-five deaths (000)	56	(2010)
Neonatal deaths: % of all under-5 deaths	32	(2010)
Neonatal mortality rate (per 1000 live births)	27	(2010)
Infant mortality rate (per 1000 live births)	58	(2010)
Stillbirth rate (per 1000 total births)	24	(2009)
Total maternal deaths	3,000	(2010)
Lifetime risk of maternal death (1 in N)	36	(2010)
Total fertility rate (per woman)	6.0	(2010)
Adolescent birth rate (per 1000 women)	177	(2005)

### Under-five mortality rate

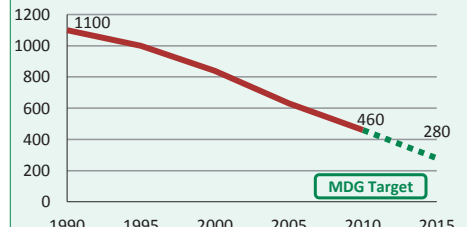
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

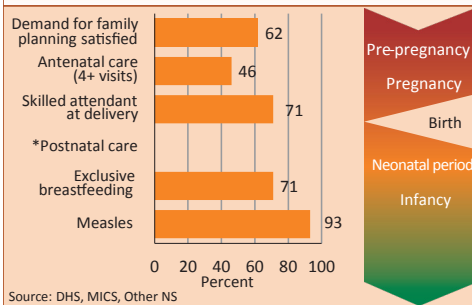


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

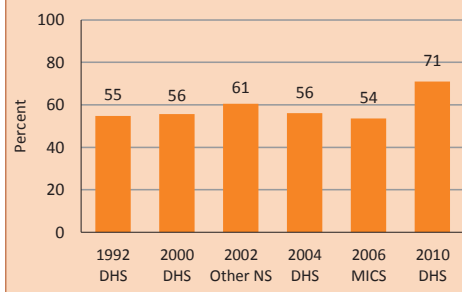


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

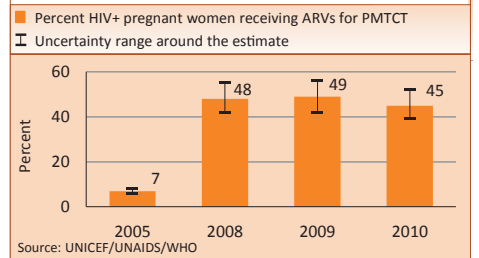
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 26 (2010)

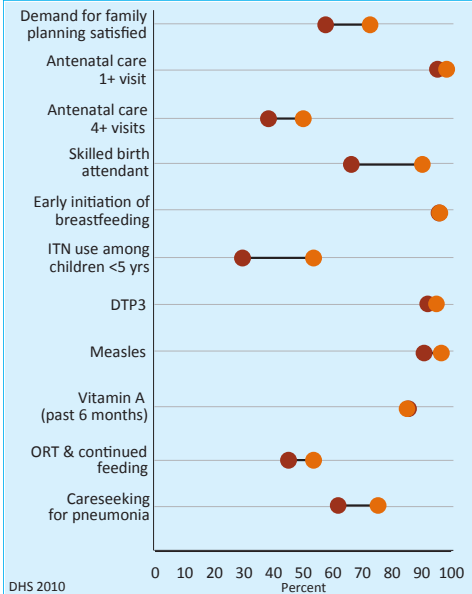


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



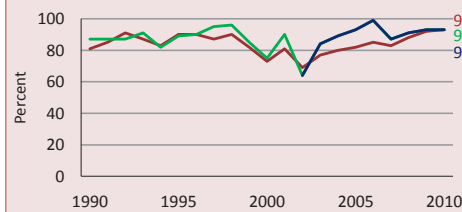
DHS 2010

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.

## CHILD HEALTH

### Immunization

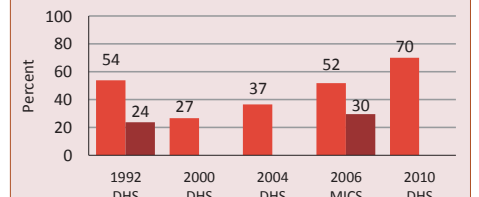
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

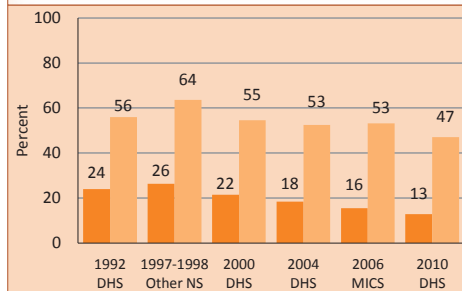


## NUTRITION

Wasting prevalence (moderate and severe, %)	4	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	58	(2006)
Low birthweight incidence (moderate and severe, %)	13	(2006)	Introduction of solid, semi-solid/soft foods (%)	86	(2010)
			Vitamin A supplementation (two dose coverage, %)	96	(2010)

### Underweight and stunting prevalence

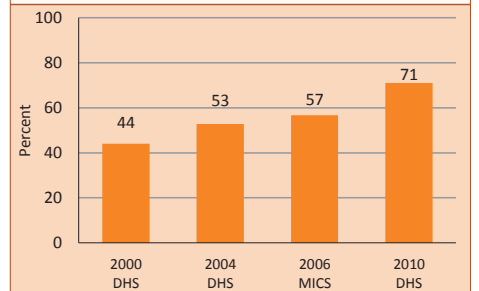
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

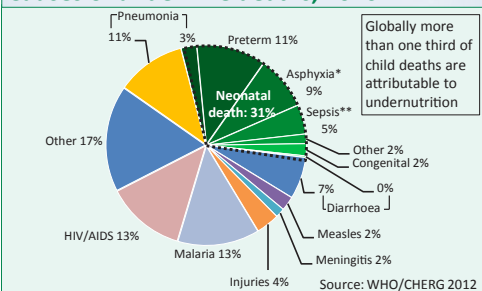
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

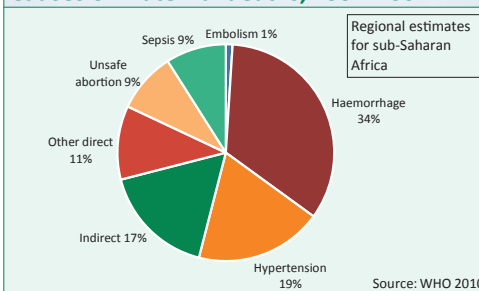


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



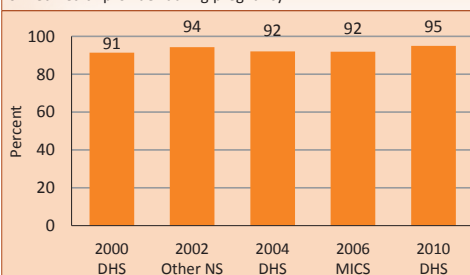
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

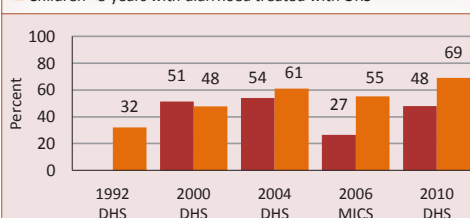


Demand for family planning satisfied (%)	62	(2010)
Antenatal care (4 or more visits, %)	46	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	60	(2010)
C-section rate (total, urban, rural, %)	5, 8, 4	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	87	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	7	(2010)

## CHILD HEALTH

### Diarrhoeal disease treatment

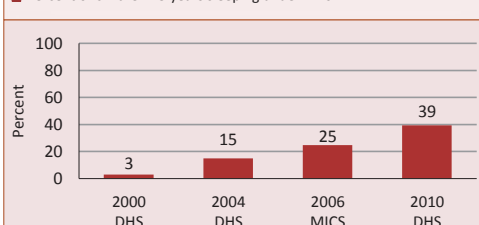
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
 ■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial: 89 (2010)

■ Percent of children <5 years sleeping under ITNs

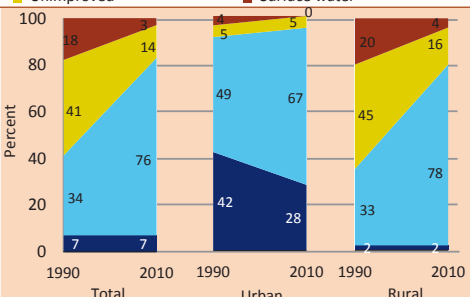


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

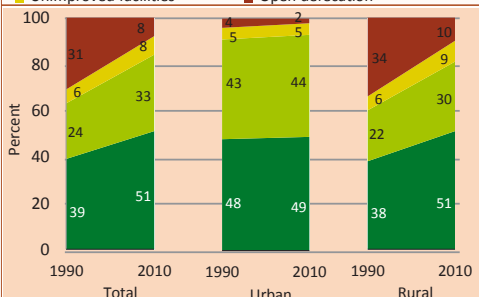
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Yes
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	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Partial
Pneumococcal vaccine	Yes

## SYSTEMS AND FINANCING

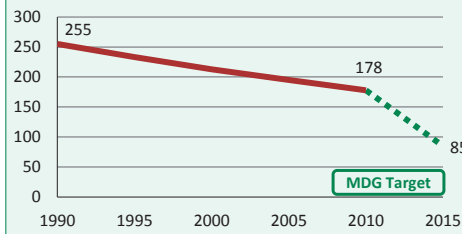
Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	3.0 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	32 (2010)
Per capita total expenditure on health (Int\$)	56 (2010)
General government expenditure on health as % of total government expenditure (%)	14 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	11 (2010)
Official development assistance to child health per child (US\$)	24 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	78 (2009)

## DEMOGRAPHICS

Total population (000)	15,370	(2010)
Total under-five population (000)	2,912	(2010)
Births (000)	714	(2010)
Birth registration (%)	81	(2010)
Total under-five deaths (000)	120	(2010)
Neonatal deaths: % of all under-5 deaths	28	(2010)
Neonatal mortality rate (per 1000 live births)	48	(2010)
Infant mortality rate (per 1000 live births)	99	(2010)
Stillbirth rate (per 1000 total births)	23	(2009)
Total maternal deaths	3,800	(2010)
Lifetime risk of maternal death (1 in N)	28	(2010)
Total fertility rate (per woman)	6.3	(2010)
Adolescent birth rate (per 1000 women)	190	(2004)

### Under-five mortality rate

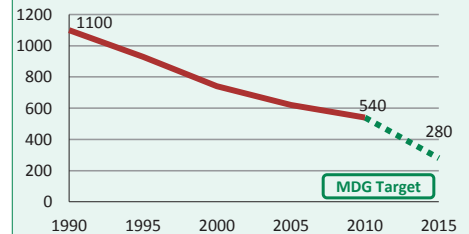
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

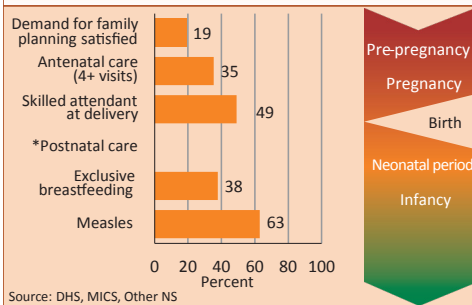


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

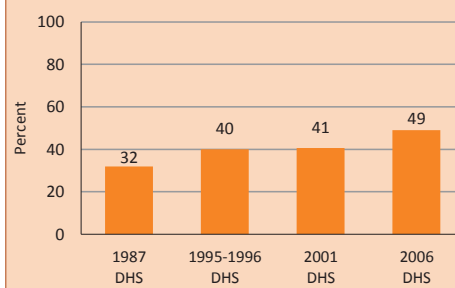


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

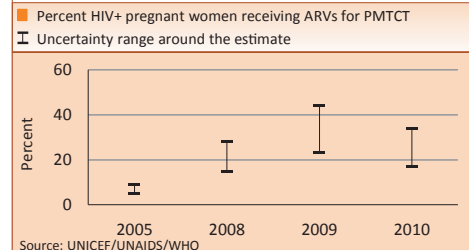
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 40 (2010)

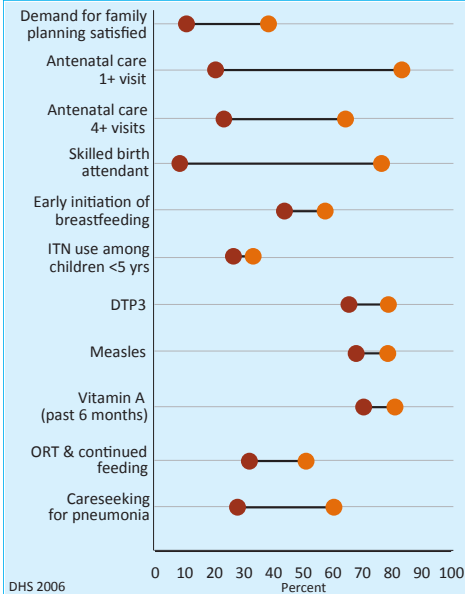


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



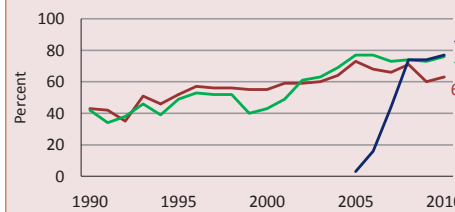
DHS 2006

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.

## CHILD HEALTH

### Immunization

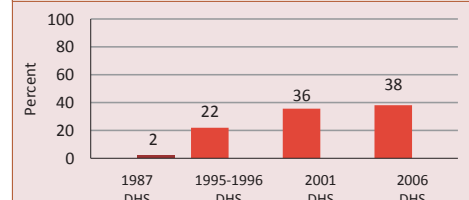
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

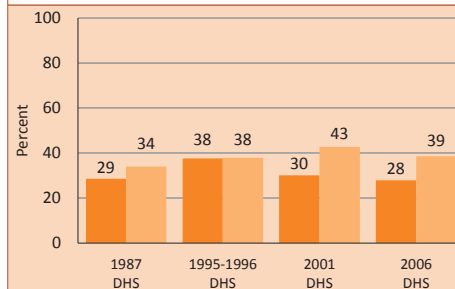


## NUTRITION

Wasting prevalence (moderate and severe, %)	9	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	46	(2006)
Low birthweight incidence (moderate and severe, %)	19	(2006)	Introduction of solid, semi-solid/soft foods (%)	25	(2006)
			Vitamin A supplementation (two dose coverage, %)	99	(2010)

### Underweight and stunting prevalence

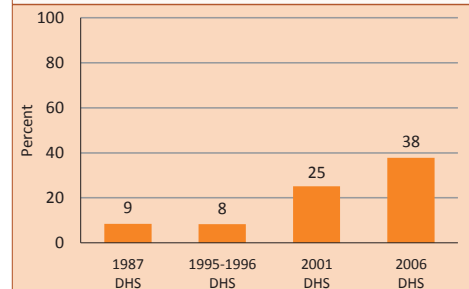
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

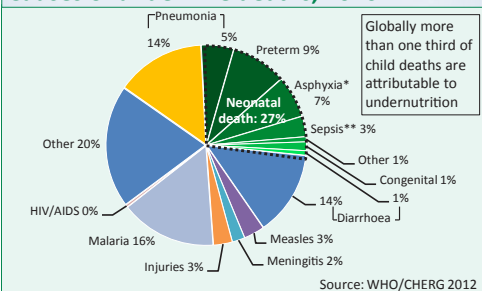
Percent infants <6 months exclusively breastfed





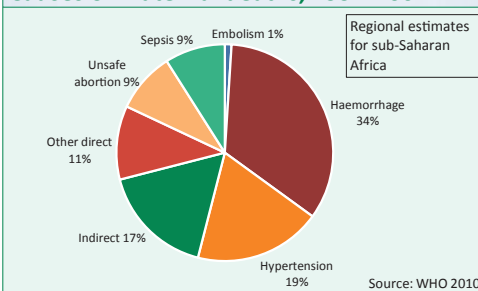
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

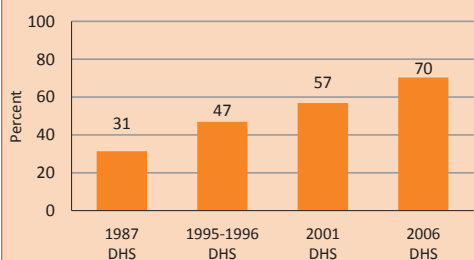
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

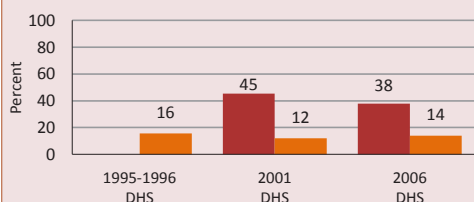


Demand for family planning satisfied (%)	19	(2006)
Antenatal care (4 or more visits, %)	35	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	4	(2006)
C-section rate (total, urban, rural, %)	2, 4, 1	(2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	11	(2006)

## CHILD HEALTH

### Diarrhoeal disease treatment

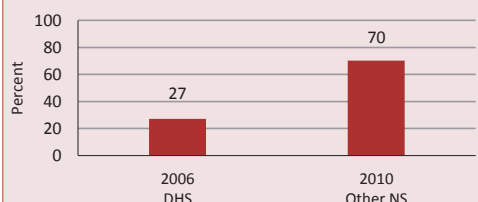
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children <5 years receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

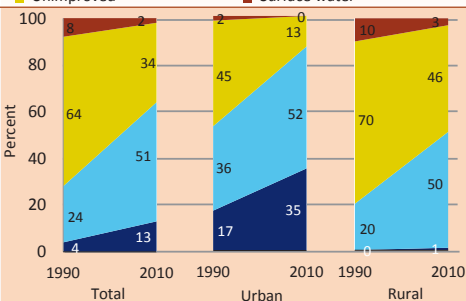


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

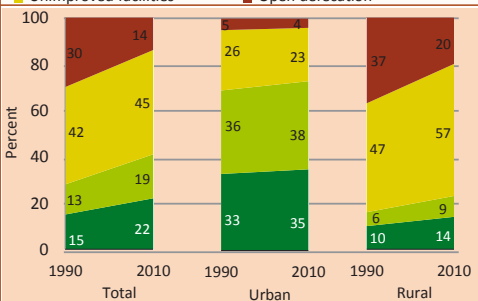
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



## POLICIES

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

## SYSTEMS AND FINANCING

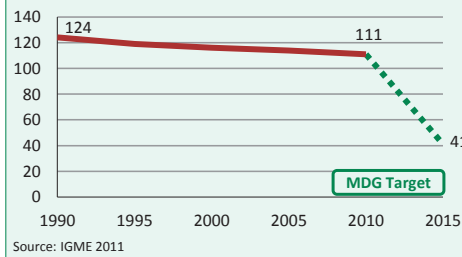
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	3.5 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	38 (2003)
Per capita total expenditure on health (Int\$)	79 (2010)
General government expenditure on health as % of total government expenditure (%)	11 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	53 (2010)
Official development assistance to child health per child (US\$)	14 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	27 (2009)

## DEMOGRAPHICS

Total population (000)	3,460	(2010)
Total under-five population (000)	513	(2010)
Births (000)	117	(2010)
Birth registration (%)	56	(2007)
Total under-five deaths (000)	13	(2010)
Neonatal deaths: % of all under-5 deaths	36	(2010)
Neonatal mortality rate (per 1000 live births)	39	(2010)
Infant mortality rate (per 1000 live births)	75	(2010)
Stillbirth rate (per 1000 total births)	27	(2009)
Total maternal deaths	590	(2010)
Lifetime risk of maternal death (1 in N)	44	(2010)
Total fertility rate (per woman)	4.5	(2010)
Adolescent birth rate (per 1000 women)	88	(2002)

### Under-five mortality rate

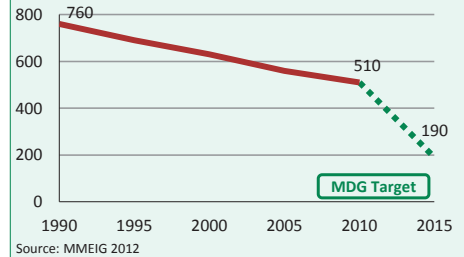
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

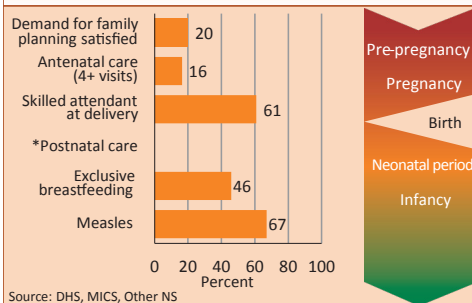


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

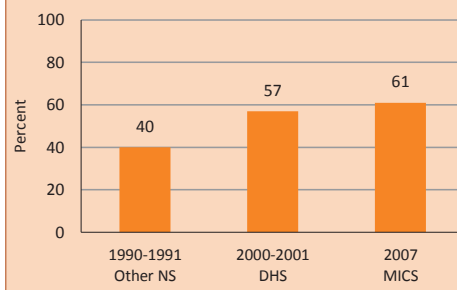


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 54 (2010)

Percent HIV+ pregnant women receiving ARVs for PMTCT

Uncertainty range around the estimate

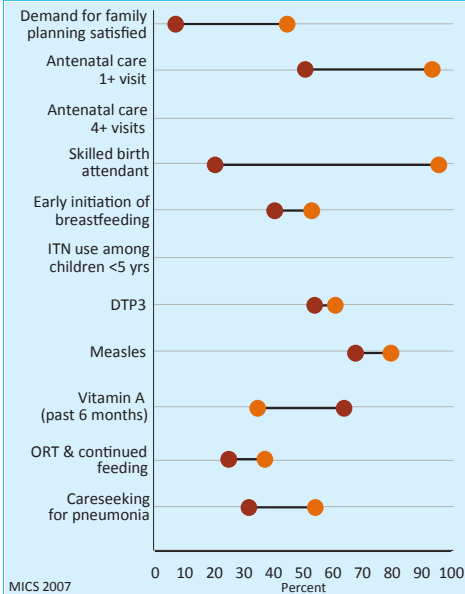


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



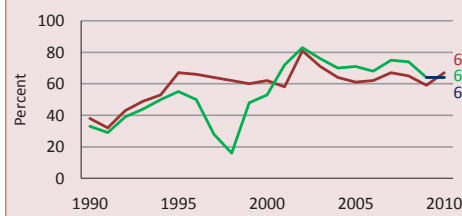
MICS 2007

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.

## CHILD HEALTH

### Immunization

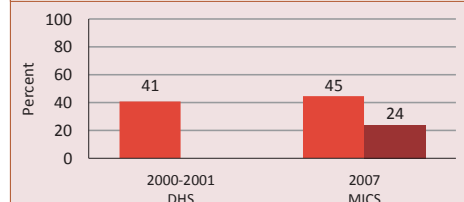
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

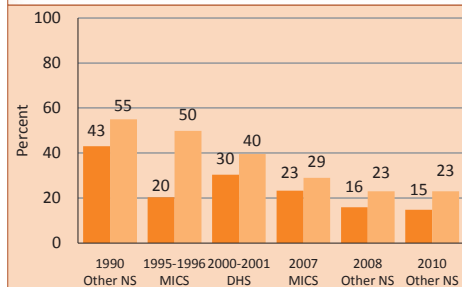


## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	81	(2010)
Low birthweight incidence (moderate and severe, %)	34	(2007)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	97	(2010)

### Underweight and stunting prevalence

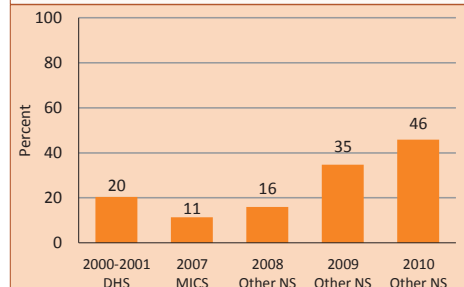
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

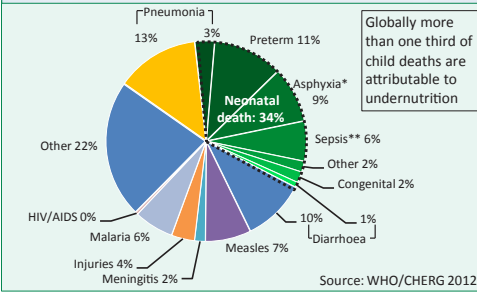
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

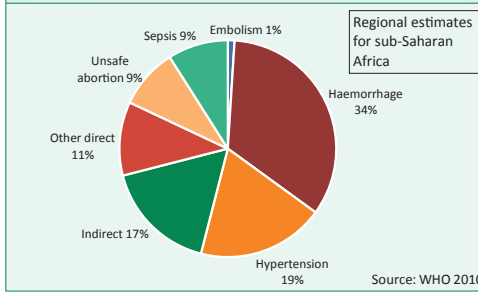


DEMOGRAPHICS

Causes of under-five deaths, 2010



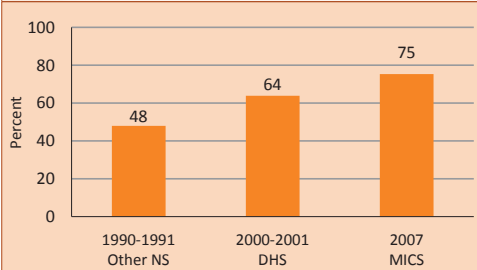
Causes of maternal deaths, 1997-2007



MATERNAL AND NEWBORN HEALTH

Antenatal care

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

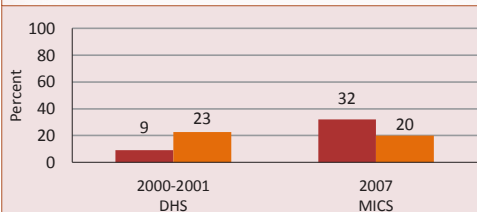


Demand for family planning satisfied (%)	20	(2007)
Antenatal care (4 or more visits, %)	16	(2000-2001)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural, %)	3, 6, 1	(2000-2001)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	87	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

CHILD HEALTH

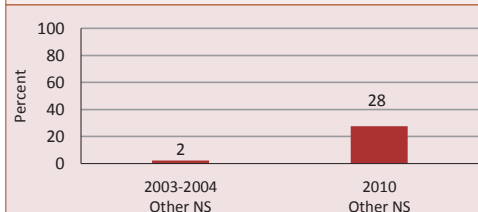
Diarrhoeal disease treatment

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



Malaria prevention and treatment

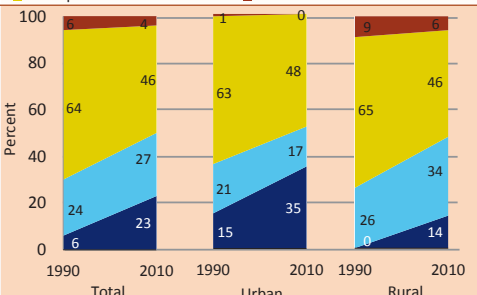
■ Percent of children <5 years sleeping under ITNs



WATER AND SANITATION

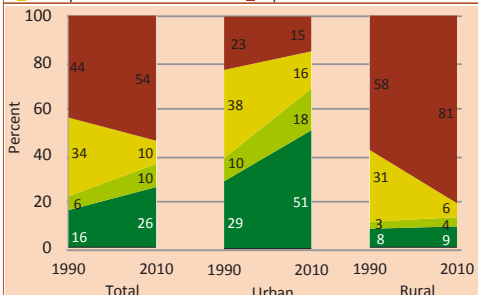
Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010  
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010  
■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



POLICIES

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

SYSTEMS AND FINANCING

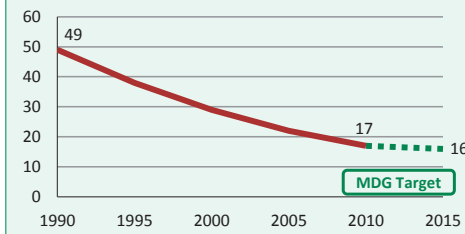
Costed national implementation plan(s) for maternal, newborn and child health available	No
Density of doctors, nurses and midwives (per 10,000 population)	8.0 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	31 (2004)
Per capita total expenditure on health (Int\$)	-
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	44 (2010)
Official development assistance to child health per child (US\$)	15 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	31 (2009)

## DEMOGRAPHICS

Total population (000)	113,423	(2010)
Total under-five population (000)	11,095	(2010)
Births (000)	2,217	(2010)
Birth registration (%)	-	-
Total under-five deaths (000)	37	(2010)
Neonatal deaths: % of all under-5 deaths	44	(2010)
Neonatal mortality rate (per 1000 live births)	7	(2010)
Infant mortality rate (per 1000 live births)	14	(2010)
Stillbirth rate (per 1000 total births)	5	(2009)
Total maternal deaths	1,100	(2010)
Lifetime risk of maternal death (1 in N)	790	(2010)
Total fertility rate (per woman)	2.3	(2010)
Adolescent birth rate (per 1000 women)	90	(2008)

### Under-five mortality rate

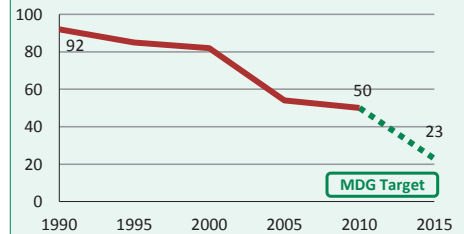
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

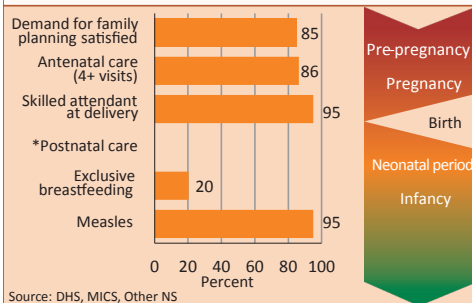


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

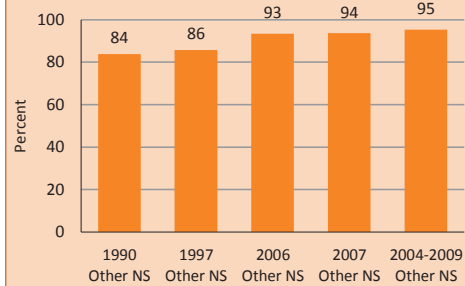


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

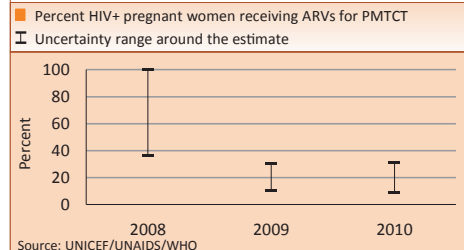
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

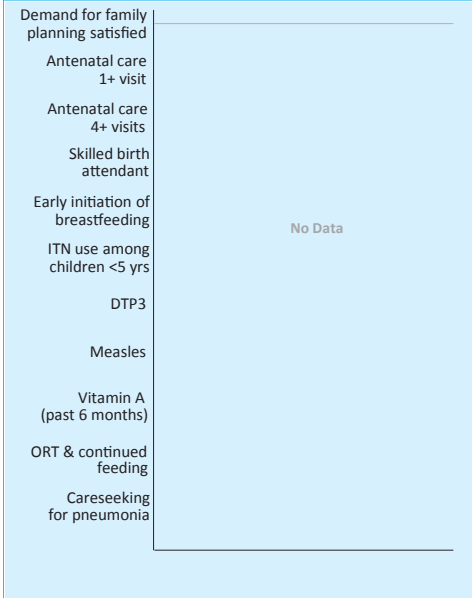


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

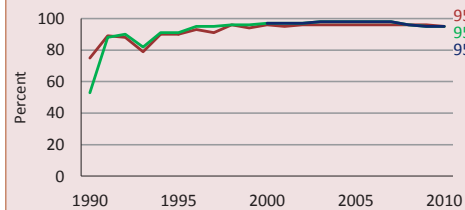


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

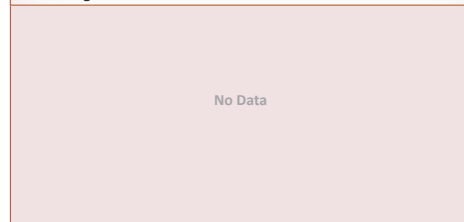
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

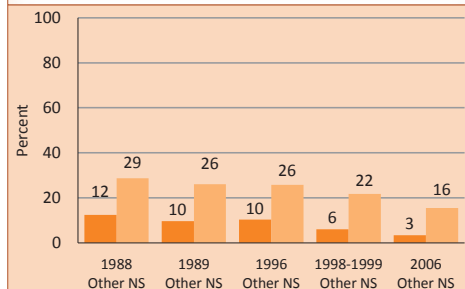


## NUTRITION

Wasting prevalence (moderate and severe, %)	2	(2006)	Early initiation of breastfeeding (within 1 hr of birth, %)	18	(2009)
Low birthweight incidence (moderate and severe, %)	7	(2009)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	-	-

### Underweight and stunting prevalence

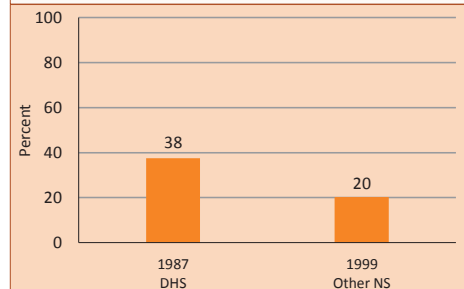
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

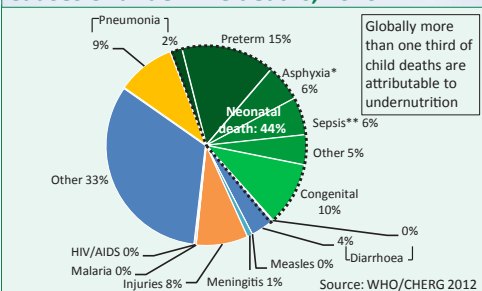
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



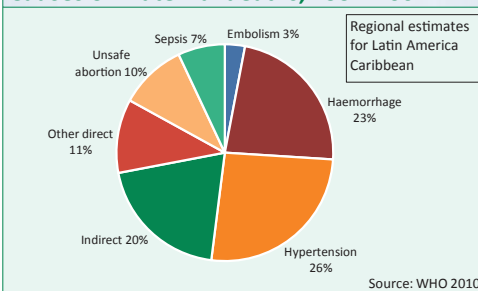
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

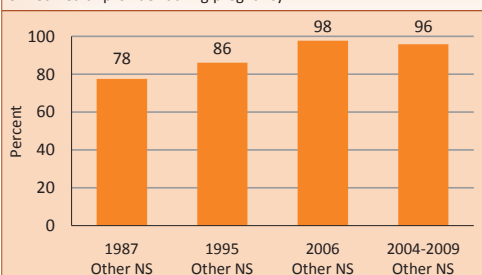
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



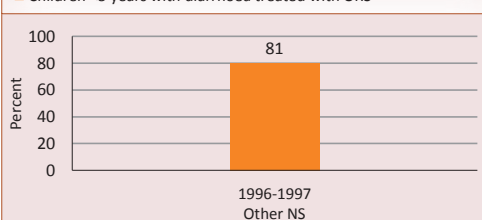
Demand for family planning satisfied (%)	85	(2006)
Antenatal care (4 or more visits, %)	86	(2009)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	43, -, -	(2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	88	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

### 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



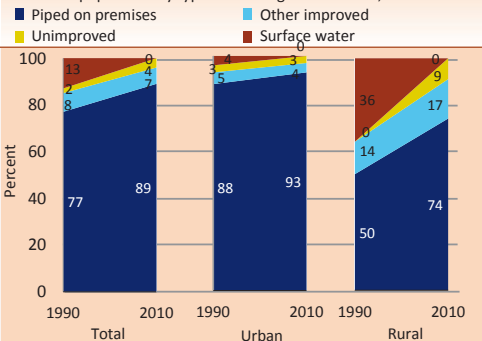
### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-
Very limited risk of malaria transmission		

## WATER AND SANITATION

### Improved drinking water coverage

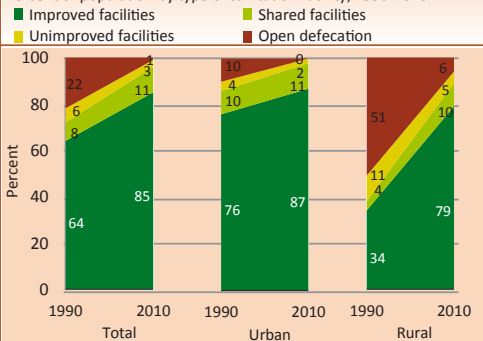
Percent of population by type of drinking water source, 1990-2010



Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



Source: WHO/UNICEF JMP 2012

## POLICIES

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	No
International Code of Marketing of Breastmilk Substitutes	Partial
Postnatal home visits in first week of life	No
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	Yes
Pneumococcal vaccine	Yes

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	39.8 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	246 (2010)
General government expenditure on health as % of total government expenditure (%)	-
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	0 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	0 (2009)

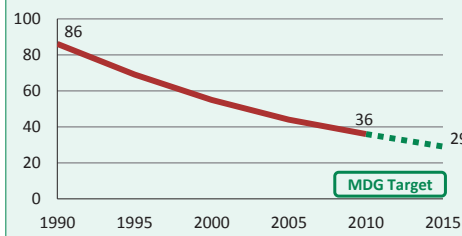


## DEMOGRAPHICS

Total population (000)	31,951	(2010)
Total under-five population (000)	3,022	(2010)
Births (000)	623	(2010)
Birth registration (%)	85	(2000)
Total under-five deaths (000)	23	(2010)
Neonatal deaths: % of all under-5 deaths	53	(2010)
Neonatal mortality rate (per 1000 live births)	19	(2010)
Infant mortality rate (per 1000 live births)	30	(2010)
Stillbirth rate (per 1000 total births)	20	(2009)
Total maternal deaths	650	(2010)
Lifetime risk of maternal death (1 in N)	400	(2010)
Total fertility rate (per woman)	2.3	(2010)
Adolescent birth rate (per 1000 women)	18	(2005)

### Under-five mortality rate

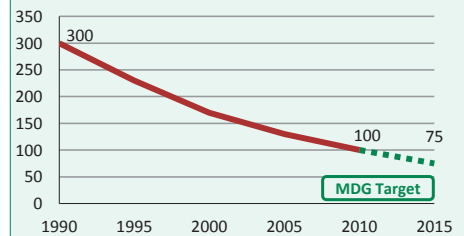
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

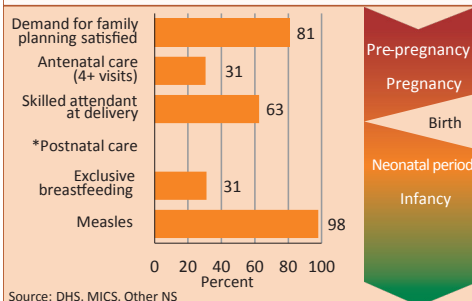


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

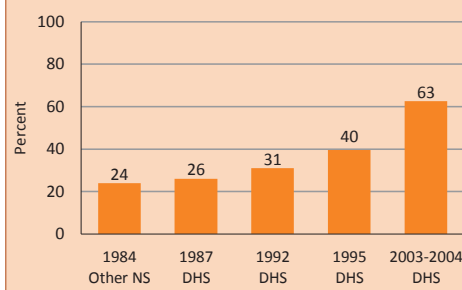


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

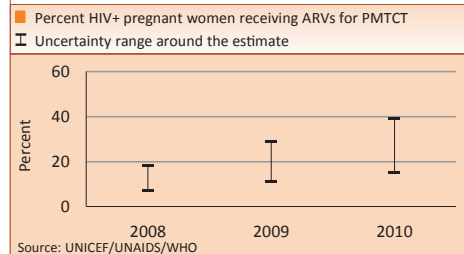
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

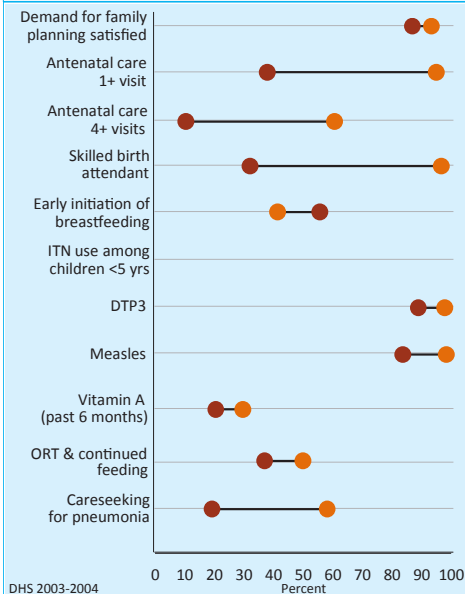


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



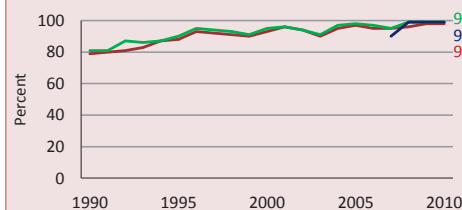
DHS 2003-2004

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.

## CHILD HEALTH

### Immunization

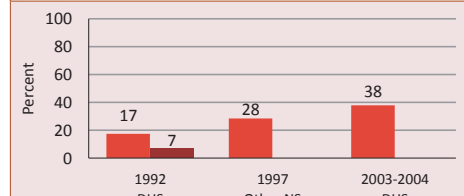
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

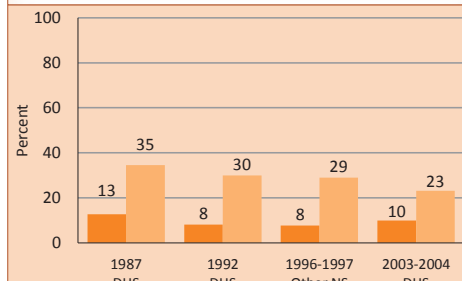


## NUTRITION

Wasting prevalence (moderate and severe, %)	11	(2003-2004)	Early initiation of breastfeeding (within 1 hr of birth, %)	52	(2003-2004)
Low birthweight incidence (moderate and severe, %)	15	(2003-2004)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	43	(2006)

### Underweight and stunting prevalence

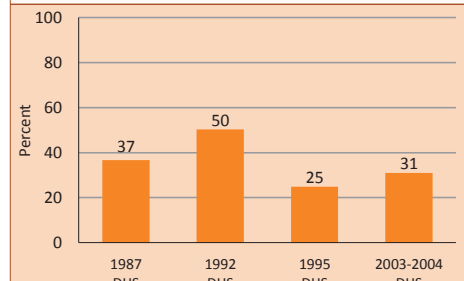
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

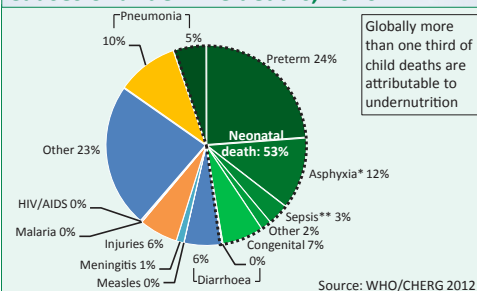
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

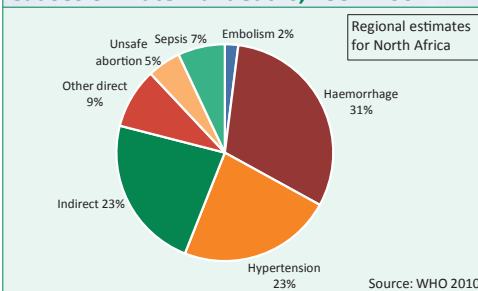


DEMOGRAPHICS

Causes of under-five deaths, 2010



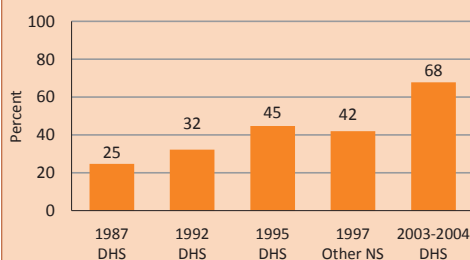
Causes of maternal deaths, 1997-2007



MATERNAL AND NEWBORN HEALTH

Antenatal care

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



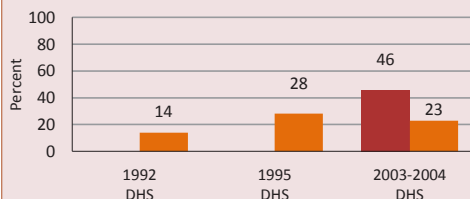
Demand for family planning satisfied (%)	81	(2003 -2004)
Antenatal care (4 or more visits, %)	31	(2003 -2004)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	5, 9, 2	(2003 -2004)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	89	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

CHILD HEALTH

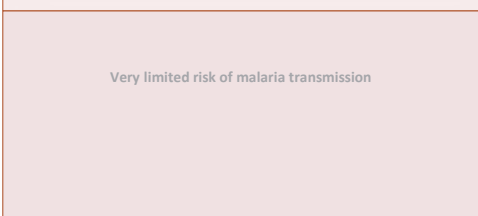
Diarrhoeal disease treatment

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



Malaria prevention and treatment

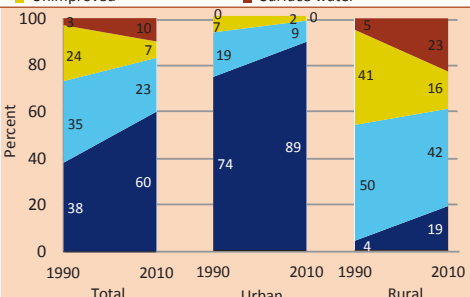
■ Percent of children receiving first line treatment among those receiving any antimalarial  
 ■ Percent of children <5 years sleeping under ITNs



WATER AND SANITATION

Improved drinking water coverage

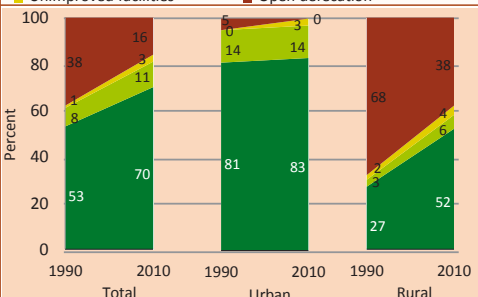
Percent of population by type of drinking water source, 1990-2010  
 ■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



Source: WHO/UNICEF JMP 2012

Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010  
 ■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



Source: WHO/UNICEF JMP 2012

POLICIES

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

SYSTEMS AND FINANCING

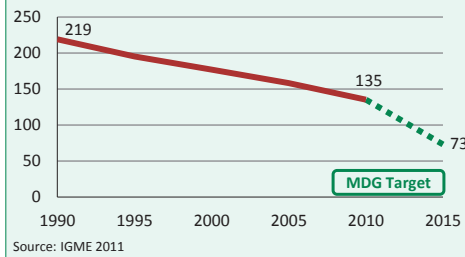
Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	15.1 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	69 (2000)
Per capita total expenditure on health (Int\$)	49 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	54 (2010)
Official development assistance to child health per child (US\$)	5 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	19 (2009)

## DEMOGRAPHICS

Total population (000)	23,391	(2010)
Total under-five population (000)	3,876	(2010)
Births (000)	883	(2010)
Birth registration (%)	31	(2008)
Total under-five deaths (000)	114	(2010)
Neonatal deaths: % of all under-5 deaths	30	(2010)
Neonatal mortality rate (per 1000 live births)	39	(2010)
Infant mortality rate (per 1000 live births)	92	(2010)
Stillbirth rate (per 1000 total births)	28	(2009)
Total maternal deaths	4,300	(2010)
Lifetime risk of maternal death (1 in N)	43	(2010)
Total fertility rate (per woman)	4.9	(2010)
Adolescent birth rate (per 1000 women)	185	(2001)

### Under-five mortality rate

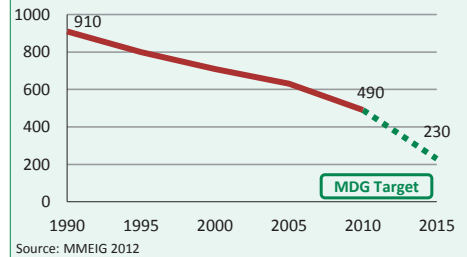
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

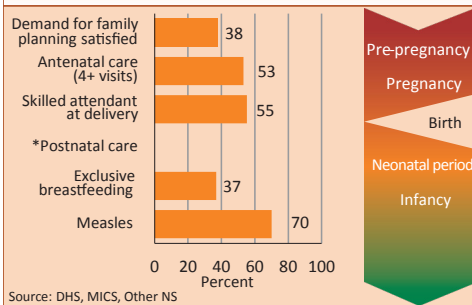


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

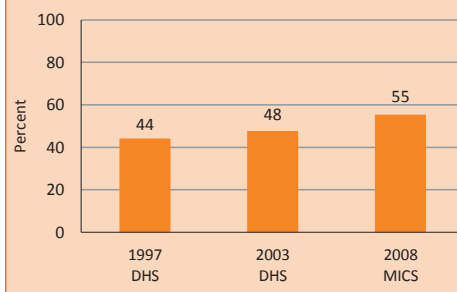


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

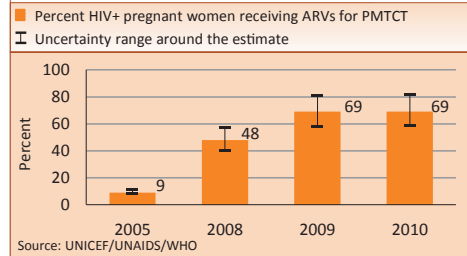
Percent live births attended by skilled health personnel



Source: DHS, MICS

### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 9 (2010)

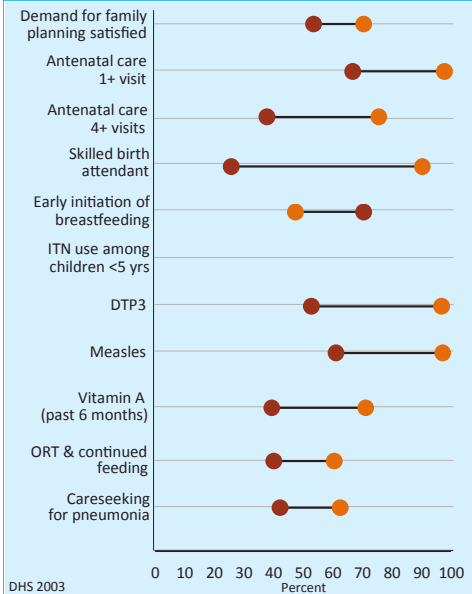


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



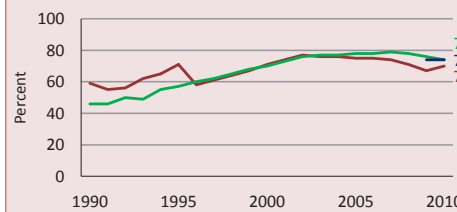
DHS 2003

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.

## CHILD HEALTH

### Immunization

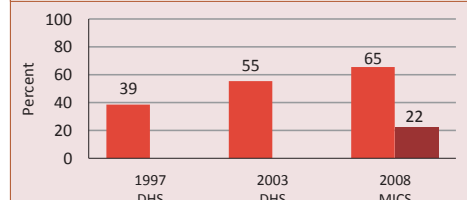
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

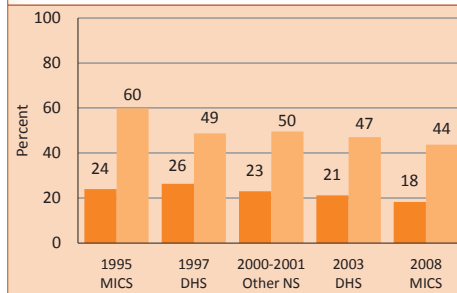


## NUTRITION

Wasting prevalence (moderate and severe, %)	4	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	63	(2008)
Low birthweight incidence (moderate and severe, %)	16	(2008)	Introduction of solid, semi-solid/soft foods (%)	86	(2008)
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

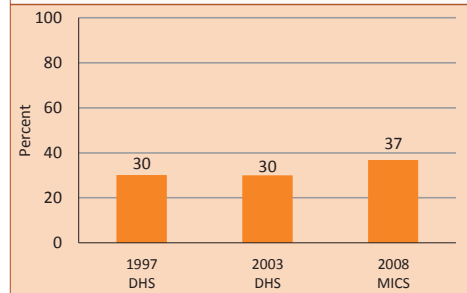
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

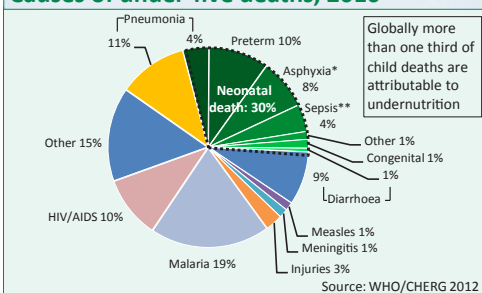
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



## DEMOGRAPHICS

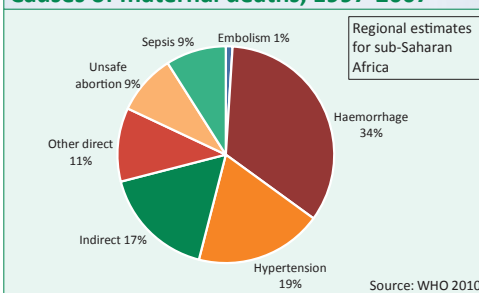
### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

Globally more than one third of child deaths are attributable to undernutrition

### Causes of maternal deaths, 1997-2007



Regional estimates for sub-Saharan Africa

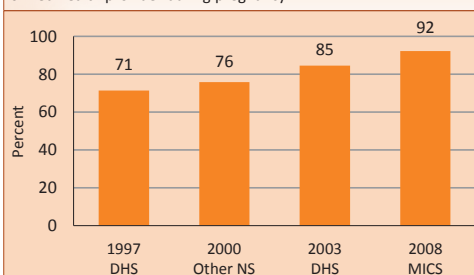
## POLICIES

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Partial
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	No
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	-

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	38	(2003)
Antenatal care (4 or more visits, %)	53	(2003)
Malaria during pregnancy - intermittent preventive treatment (%)	43	(2008)
C-section rate (total, urban, rural, %)	2, 5, 1	(2003)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	83	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

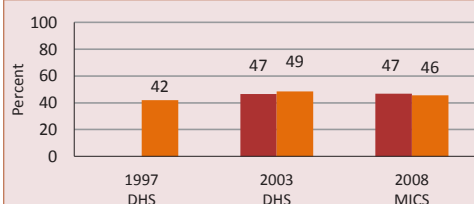
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	3.7 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	38 (2007)
Per capita total expenditure on health (Int\$)	34 (2010)
General government expenditure on health as % of total government expenditure (%)	12 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	14 (2010)
Official development assistance to child health per child (US\$)	21 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	29 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

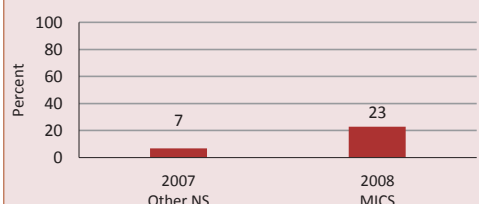
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

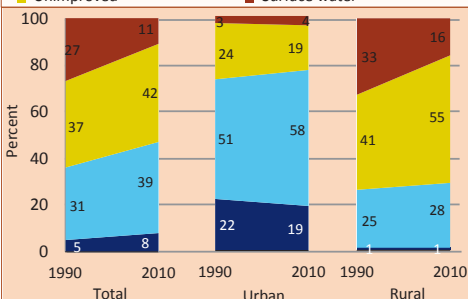


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

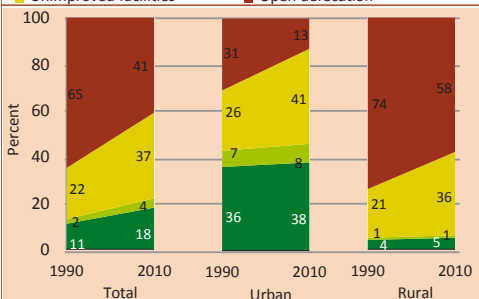
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation

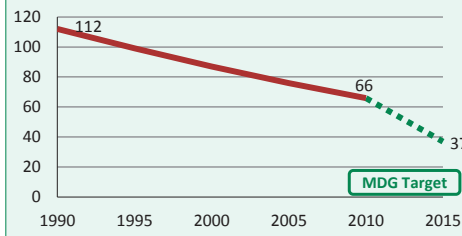


## DEMOGRAPHICS

Total population (000)	47,963	(2010)
Total under-five population (000)	3,956	(2010)
Births (000)	830	(2010)
Birth registration (%)	72	(2009-2010)
Total under-five deaths (000)	56	(2010)
Neonatal deaths: % of all under-5 deaths	47	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	50	(2010)
Stillbirth rate (per 1000 total births)	20	(2009)
Total maternal deaths	160	(2010)
Lifetime risk of maternal death (1 in N)	250	(2010)
Total fertility rate (per woman)	2.0	(2010)
Adolescent birth rate (per 1000 women)	17	(2001)

### Under-five mortality rate

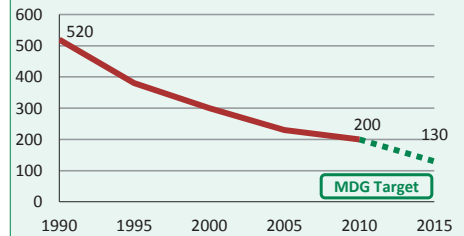
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

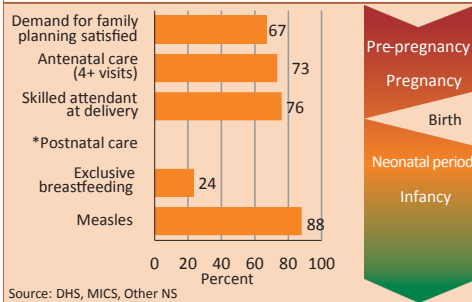


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

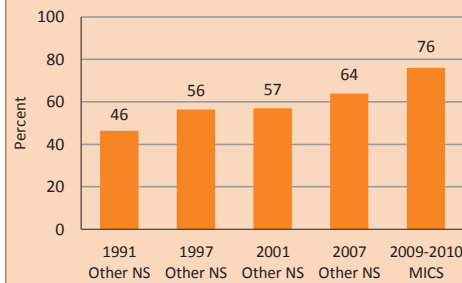


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

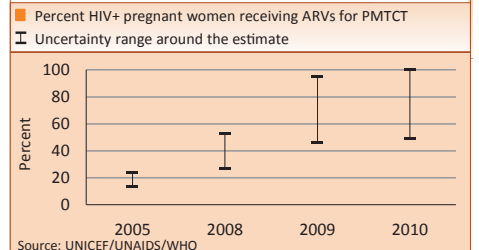
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 28 (2010)

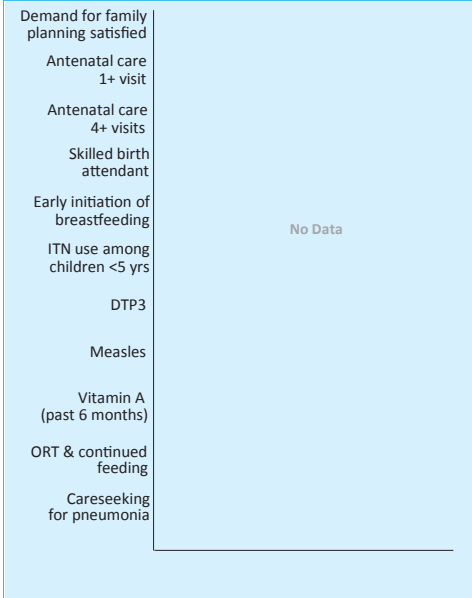


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

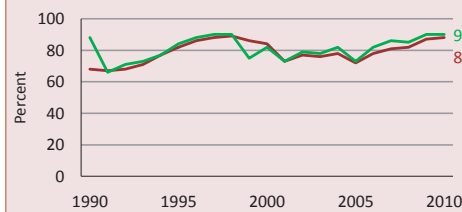


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

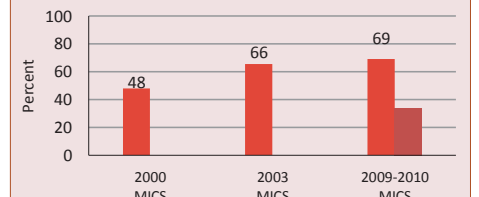
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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

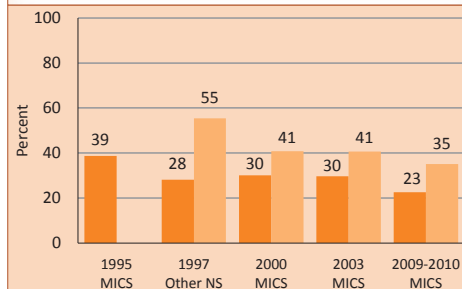


## NUTRITION

Wasting prevalence (moderate and severe, %)	8	(2009-2010)
Low birthweight incidence (moderate and severe, %)	9	(2009-2010)
Early initiation of breastfeeding (within 1 hr of birth, %)	76	(2009-2010)
Introduction of solid, semi-solid/soft foods (%)	-	-
Vitamin A supplementation (two dose coverage, %)	94	(2010)

### Underweight and stunting prevalence

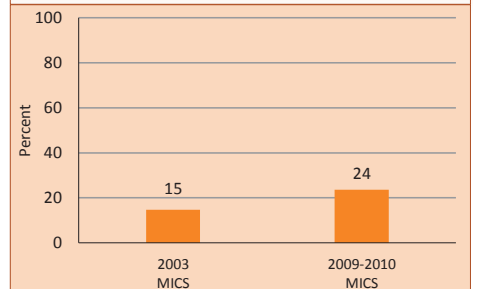
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

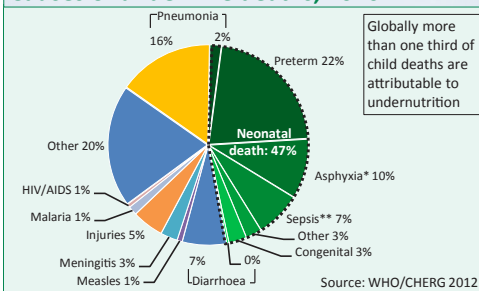
Percent infants <6 months exclusively breastfed





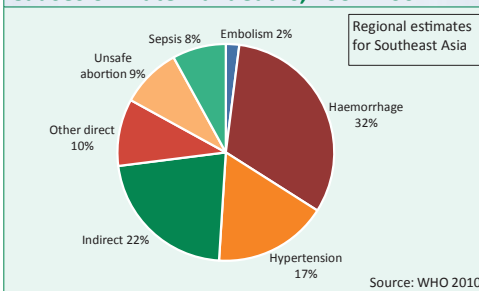
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



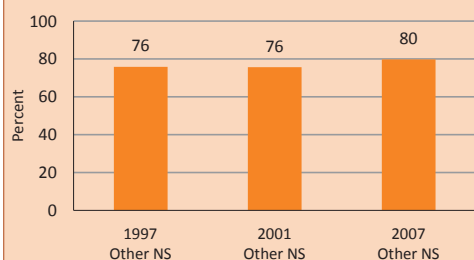
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	67	(2007)
Antenatal care (4 or more visits, %)	73	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	93	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

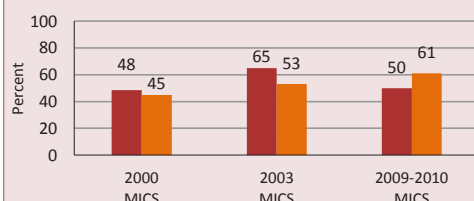
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	12.6 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	57 (2010)
General government expenditure on health as % of total government expenditure (%)	1 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	81 (2010)
Official development assistance to child health per child (US\$)	5 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	12 (2009)

## CHILD HEALTH

### 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



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

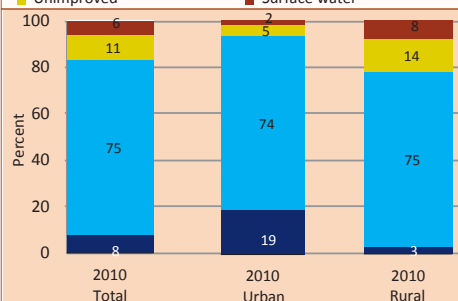
- Percent of children <5 years sleeping under ITNs

Sub-national risk of malaria transmission

## WATER AND SANITATION

### Improved drinking water coverage

- Piped on premises
- Other improved
- Unimproved
- Surface water

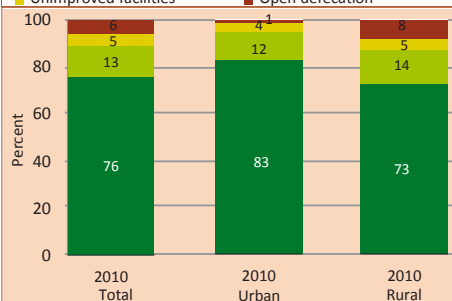


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

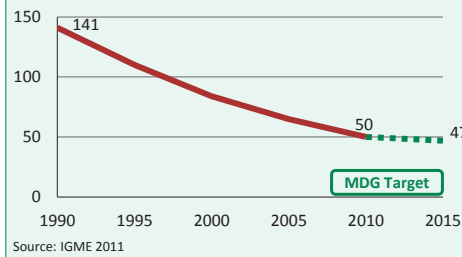
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	29,959	(2010)
Total under-five population (000)	3,506	(2010)
Births (000)	724	(2010)
Birth registration (%)	35	(2006)
Total under-five deaths (000)	35	(2010)
Neonatal deaths: % of all under-5 deaths	58	(2010)
Neonatal mortality rate (per 1000 live births)	28	(2010)
Infant mortality rate (per 1000 live births)	41	(2010)
Stillbirth rate (per 1000 total births)	23	(2009)
Total maternal deaths	1,200	(2010)
Lifetime risk of maternal death (1 in N)	190	(2010)
Total fertility rate (per woman)	2.7	(2010)
Adolescent birth rate (per 1000 women)	106	(2004)

### Under-five mortality rate

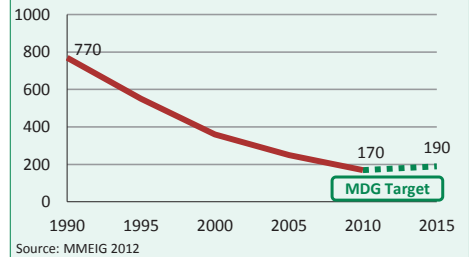
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

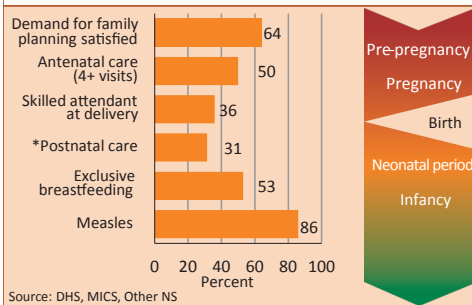


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

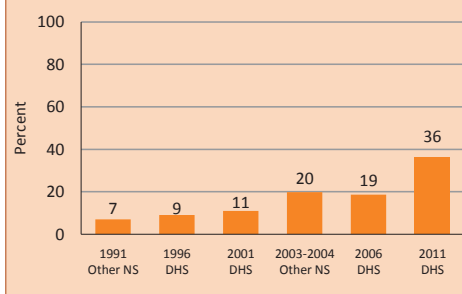


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

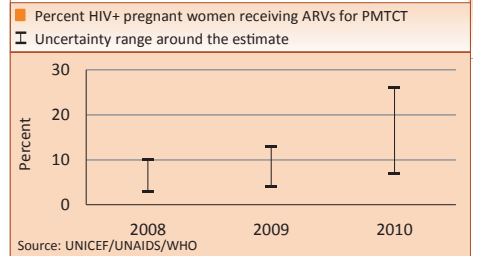
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

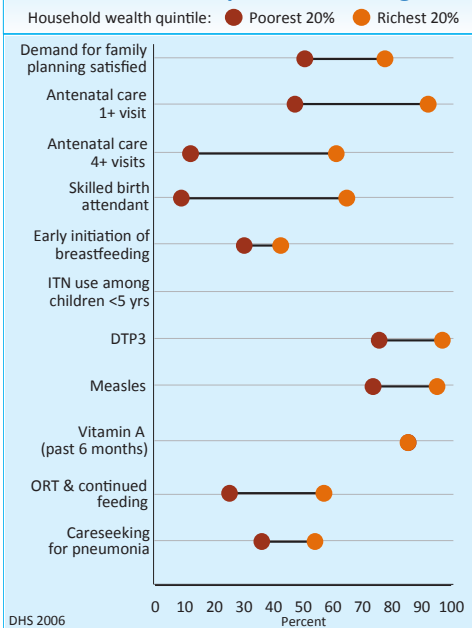
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 55 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

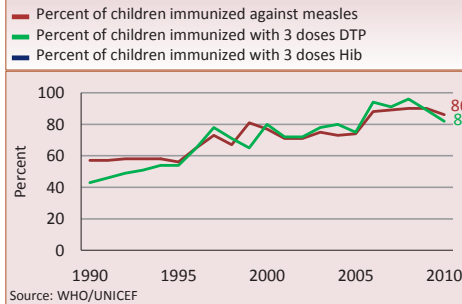
### Socioeconomic inequities in coverage



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.

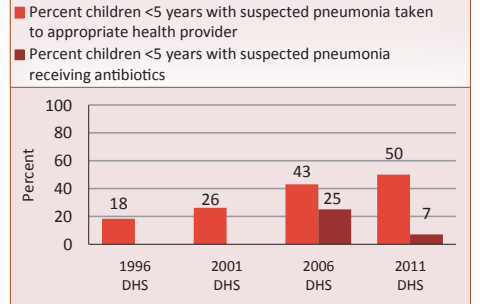
## CHILD HEALTH

### Immunization



Source: WHO/UNICEF

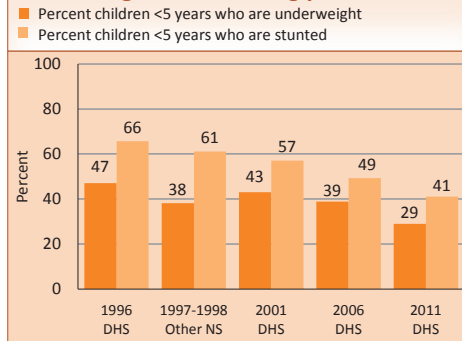
### Pneumonia treatment



## NUTRITION

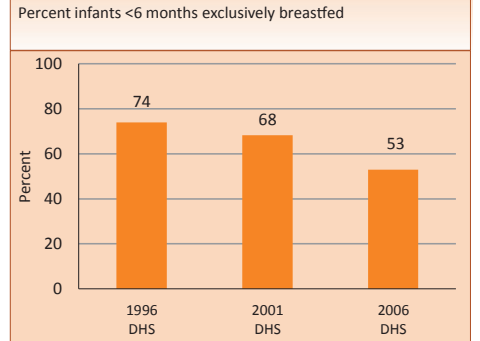
Wasting prevalence (moderate and severe, %)	11	(2011)	Early initiation of breastfeeding (within 1 hr of birth, %)	35	(2006)
Low birthweight incidence (moderate and severe, %)	21	(2006)	Introduction of solid, semi-solid/soft foods (%)	73	(2006)
			Vitamin A supplementation (two dose coverage, %)	91	(2010)

### Underweight and stunting prevalence



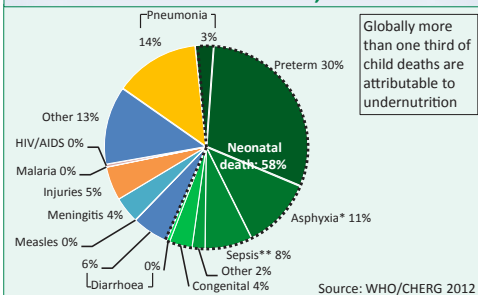
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding



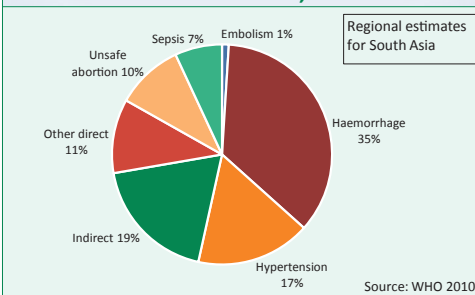
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



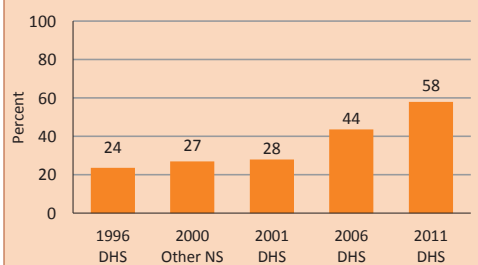
## POLICIES

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Yes
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	No
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	-

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	64	(2006)
Antenatal care (4 or more visits, %)	50	(2011)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %) (Minimum target is 5% and maximum target is 15%)	3, 8, 2	(2006)
Neonatal tetanus vaccine (%)	81	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	31	(2006)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	26	(2006)

\*Not applicable

## SYSTEMS AND FINANCING

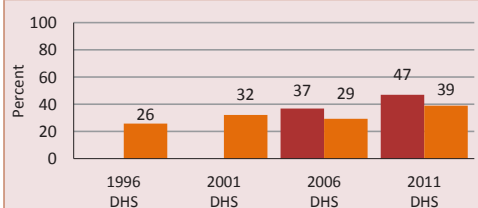
Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	6.7 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	46 (2007)
Per capita total expenditure on health (Int\$)	37 (2010)
General government expenditure on health as % of total government expenditure (%)	7 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	64 (2010)
Official development assistance to child health per child (US\$)	7 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	30 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding

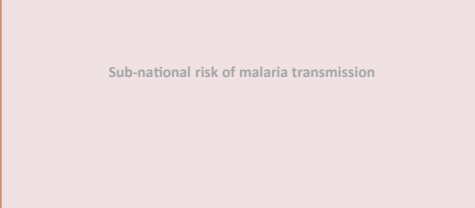
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

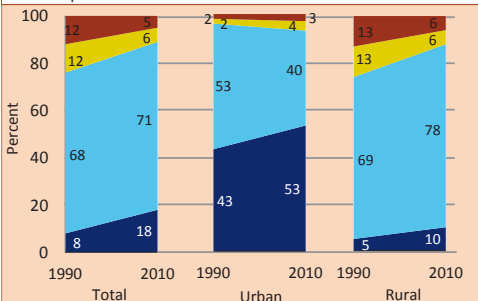


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

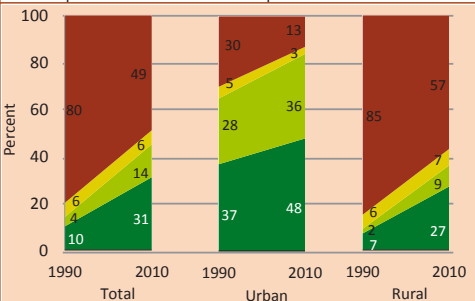
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation

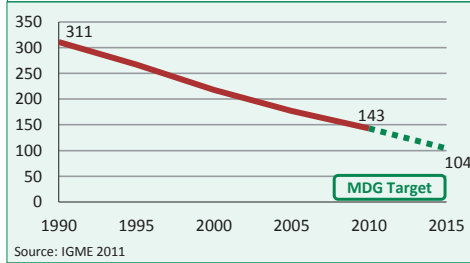


## DEMOGRAPHICS

Total population (000)	15,512	(2010)
Total under-five population (000)	3,085	(2010)
Births (000)	755	(2010)
Birth registration (%)	32	(2006)
Total under-five deaths (000)	100	(2010)
Neonatal deaths: % of all under-5 deaths	24	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	73	(2010)
Stillbirth rate (per 1000 total births)	23	(2009)
Total maternal deaths	4,500	(2010)
Lifetime risk of maternal death (1 in N)	23	(2010)
Total fertility rate (per woman)	7.1	(2010)
Adolescent birth rate (per 1000 women)	199	(2004)

### Under-five mortality rate

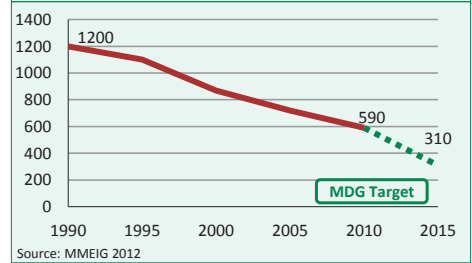
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

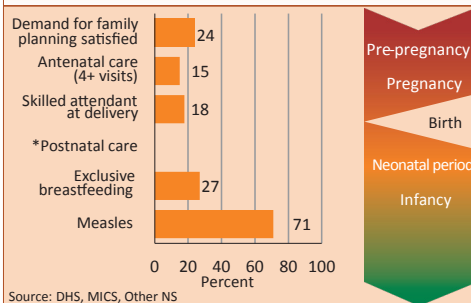


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

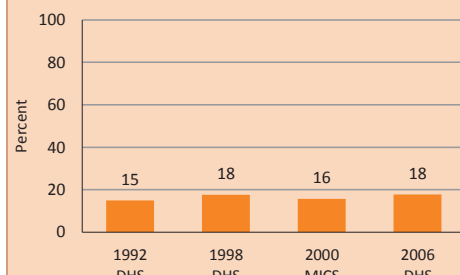


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

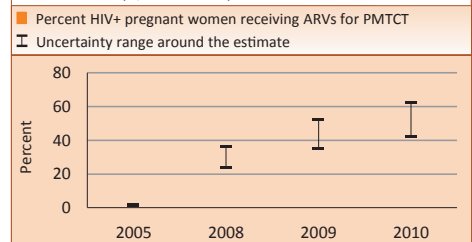
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

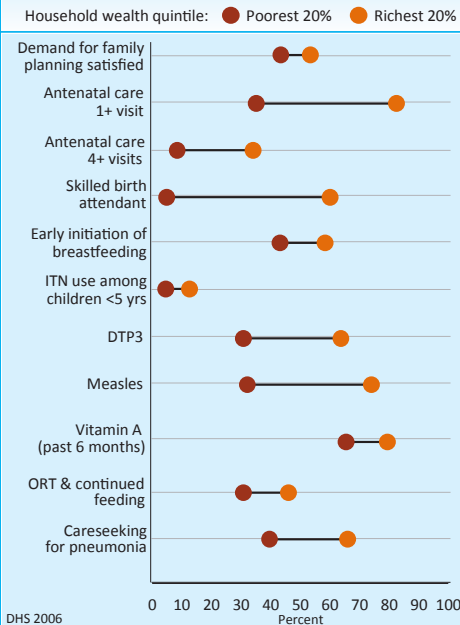
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 27 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

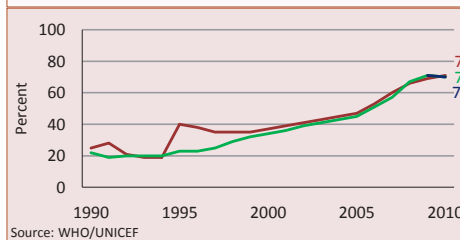


DHS 2006  
Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

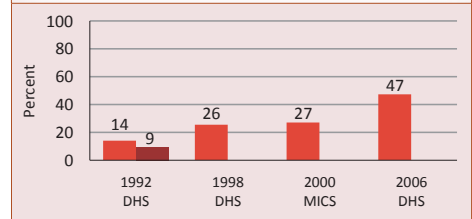
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



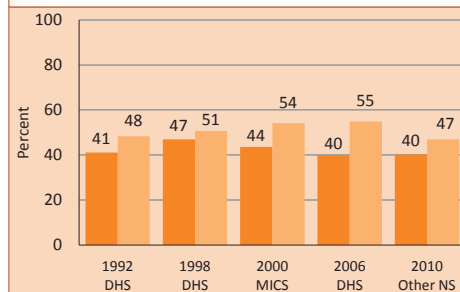
## NUTRITION

Wasting prevalence (moderate and severe, %)	16	(2010)
Low birthweight incidence (moderate and severe, %)	27	(2006)

Early initiation of breastfeeding (within 1 hr of birth, %)	42	(2010)
Introduction of solid, semi-solid/soft foods (%)	-	-
Vitamin A supplementation (two dose coverage, %)	98	(2010)

### Underweight and stunting prevalence

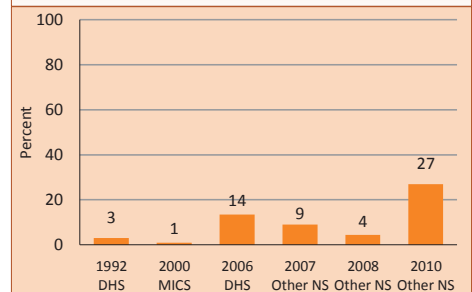
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

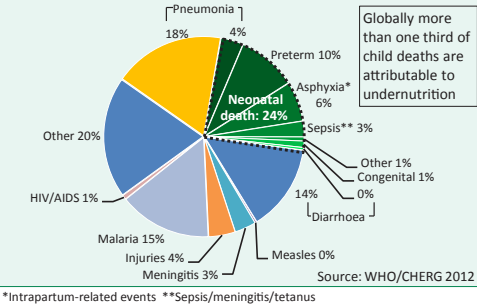
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

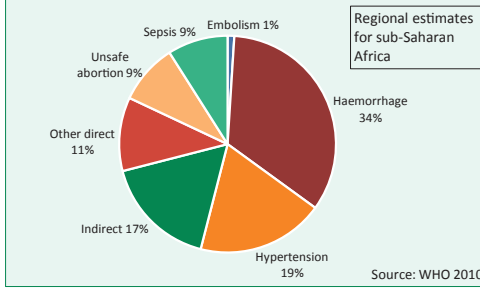


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



**Causes of maternal deaths, 1997-2007**



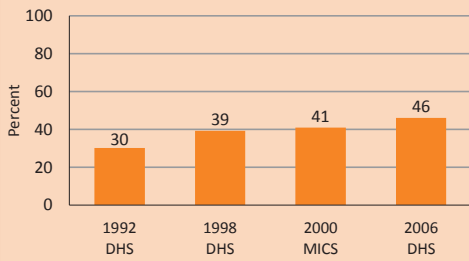
**POLICIES**

Maternity protection in accordance with Convention 183	Partial
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	Partial
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	Partial

**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



Demand for family planning satisfied (%)	24	(2006)
Antenatal care (4 or more visits, %)	15	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	0	(2006)
C-section rate (total, urban, rural; %)	1, 5, 0	(2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	84	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	16	(2006)

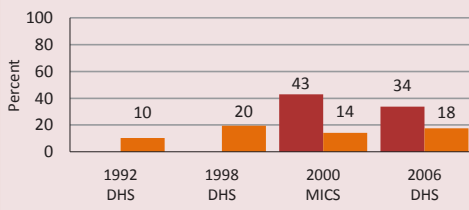
**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	1.6 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	29 (2010)
Per capita total expenditure on health (Int\$)	121 (2010)
General government expenditure on health as % of total government expenditure (%)	11 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	41 (2010)
Official development assistance to child health per child (US\$)	14 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	19 (2009)

**CHILD HEALTH**

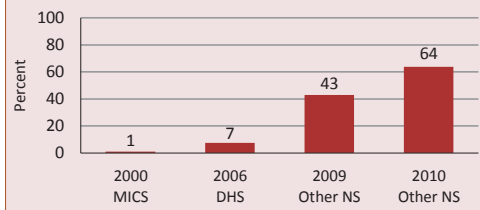
**Diarrhoeal disease treatment**

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



**Malaria prevention and treatment**

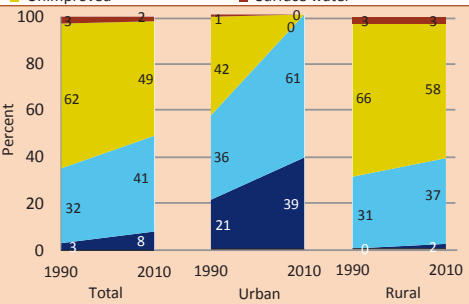
■ Percent of children <5 years sleeping under ITNs



**WATER AND SANITATION**

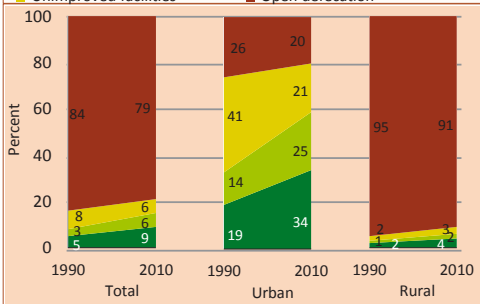
**Improved drinking water coverage**

Percent of population by type of drinking water source, 1990-2010  
 ■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



**Improved sanitation coverage**

Percent of population by type of sanitation facility, 1990-2010  
 ■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



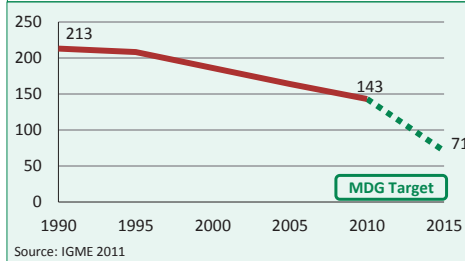


## DEMOGRAPHICS

Total population (000)	158,423	(2010)
Total under-five population (000)	26,569	(2010)
Births (000)	6,332	(2010)
Birth registration (%)	30	(2008)
Total under-five deaths (000)	861	(2010)
Neonatal deaths: % of all under-5 deaths	29	(2010)
Neonatal mortality rate (per 1000 live births)	40	(2010)
Infant mortality rate (per 1000 live births)	88	(2010)
Stillbirth rate (per 1000 total births)	42	(2009)
Total maternal deaths	40,000	(2010)
Lifetime risk of maternal death (1 in N)	29	(2010)
Total fertility rate (per woman)	5.5	(2010)
Adolescent birth rate (per 1000 women)	123	(2006)

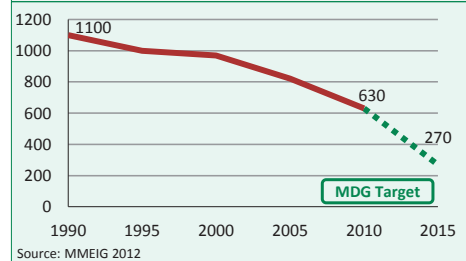
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

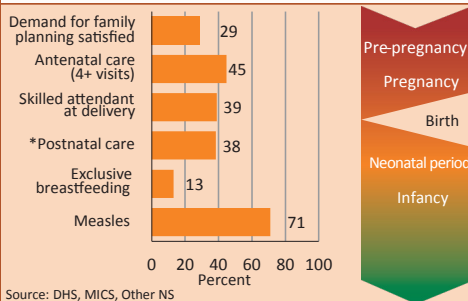
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

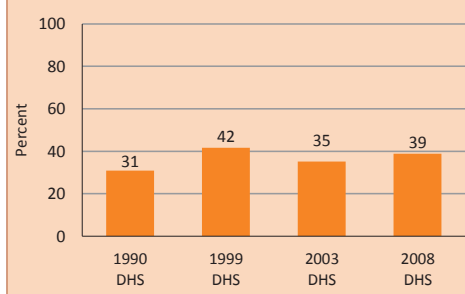
### Coverage along the continuum of care



\* See Annex/website for indicator definition

### Skilled attendant at delivery

Percent live births attended by skilled health personnel

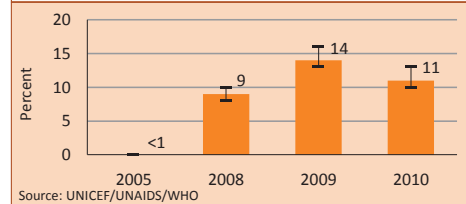


### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 26 (2010)

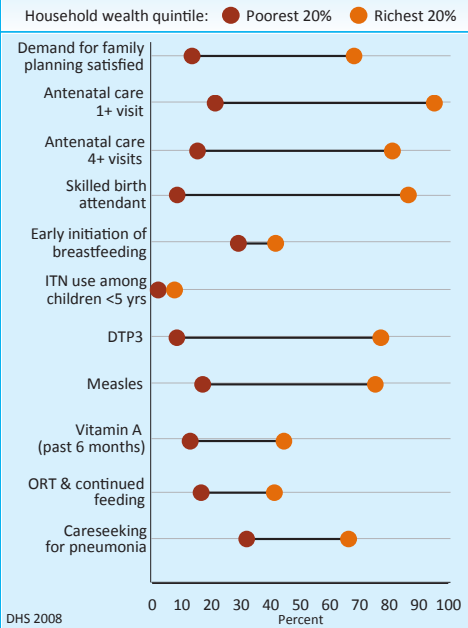
■ Percent HIV+ pregnant women receiving ARVs for PMTCT

▭ Uncertainty range around the estimate



## EQUITY

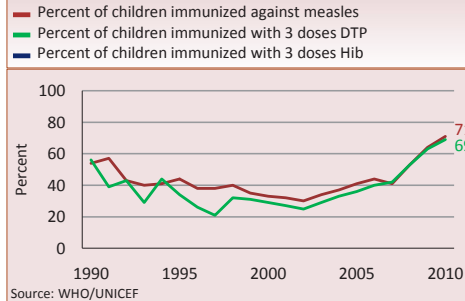
### Socioeconomic inequities in coverage



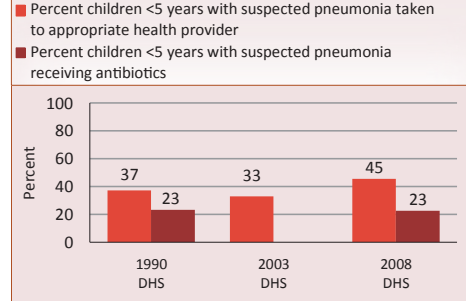
Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization



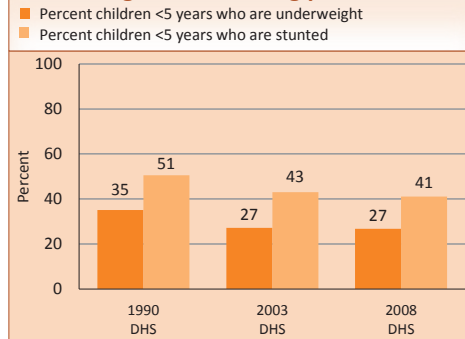
### Pneumonia treatment



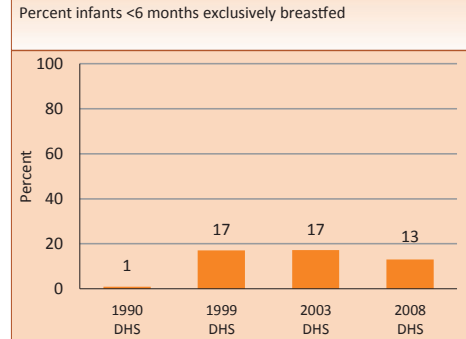
## NUTRITION

Wasting prevalence (moderate and severe, %)	14	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	38	(2008)
Low birthweight incidence (moderate and severe, %)	12	(2008)	Introduction of solid, semi-solid/soft foods (%)	76	(2008)
			Vitamin A supplementation (two dose coverage, %)	91	(2010)

### Underweight and stunting prevalence

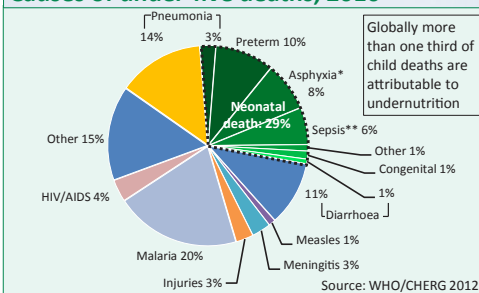


### Exclusive breastfeeding

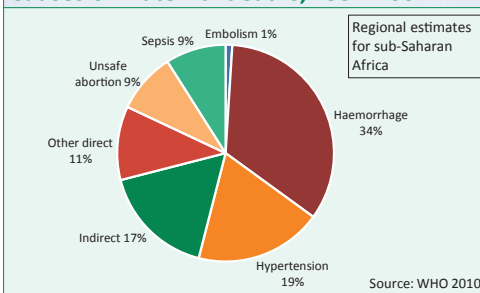


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



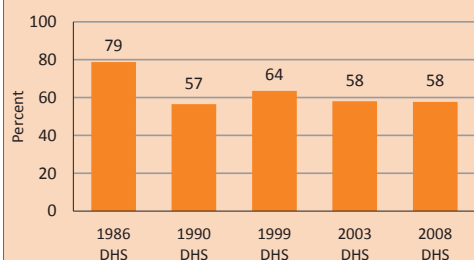
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

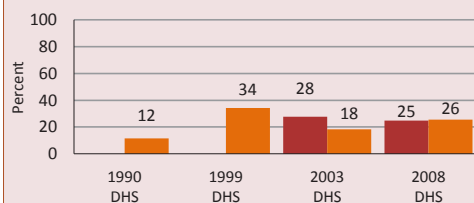


Demand for family planning satisfied (%)	29	(2008)
Antenatal care (4 or more visits, %)	45	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	13	(2010)
C-section rate (total, urban, rural; %)	2, 4, 1	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	69	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	38	(2008)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	12	(2008)

## CHILD HEALTH

### Diarrhoeal disease treatment

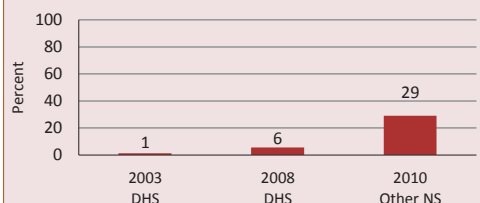
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

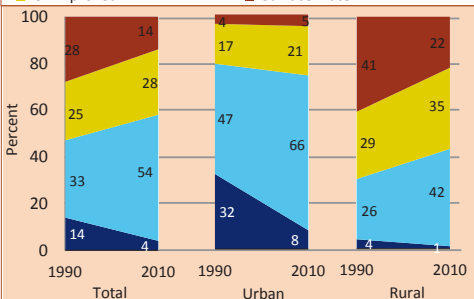


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

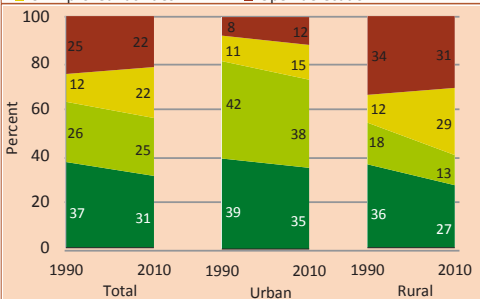
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



## POLICIES

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

## SYSTEMS AND FINANCING

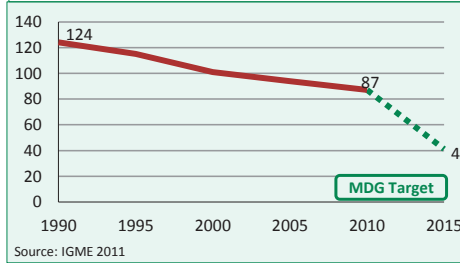
Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	20.1	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	59	(2010)
General government expenditure on health as % of total government expenditure (%)	4	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	59	(2010)
Official development assistance to child health per child (US\$)	12	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	14	(2009)

## DEMOGRAPHICS

Total population (000)	173,593	(2010)
Total under-five population (000)	21,418	(2010)
Births (000)	4,741	(2010)
Birth registration (%)	27	(2006-2007)
Total under-five deaths (000)	423	(2010)
Neonatal deaths: % of all under-5 deaths	46	(2010)
Neonatal mortality rate (per 1000 live births)	41	(2010)
Infant mortality rate (per 1000 live births)	70	(2010)
Stillbirth rate (per 1000 total births)	47	(2009)
Total maternal deaths	12,000	(2010)
Lifetime risk of maternal death (1 in N)	110	(2010)
Total fertility rate (per woman)	3.4	(2010)
Adolescent birth rate (per 1000 women)	16	(2007)

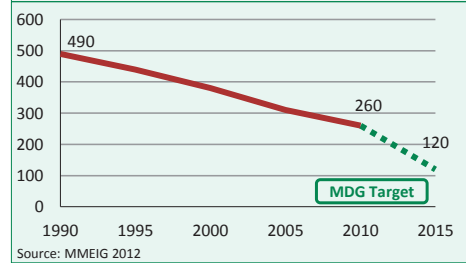
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

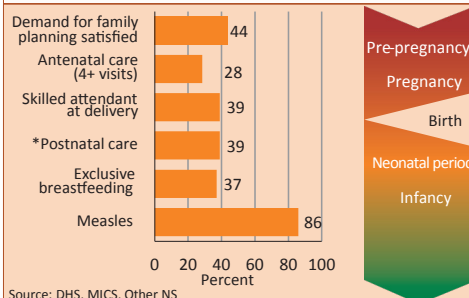
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

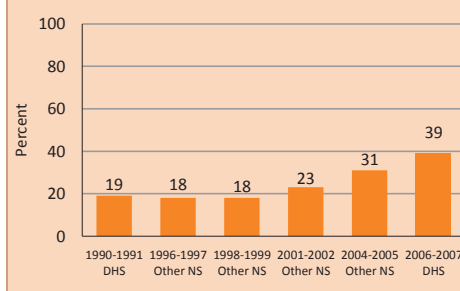
### Coverage along the continuum of care



\* See Annex/website for indicator definition

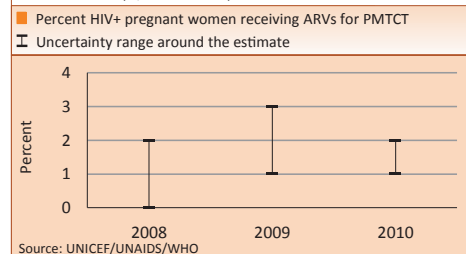
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



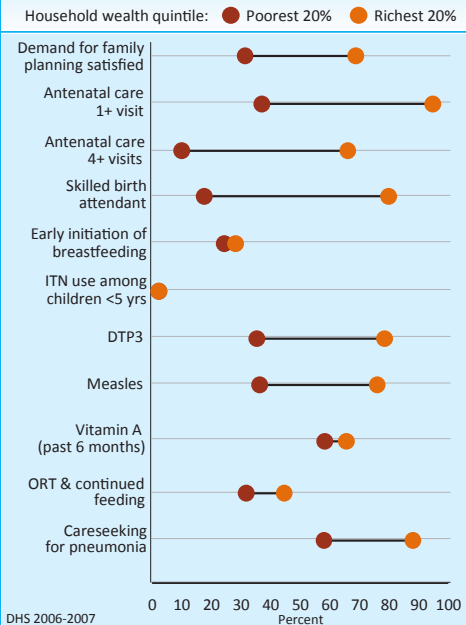
### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 48 (2010)



## EQUITY

### Socioeconomic inequities in coverage

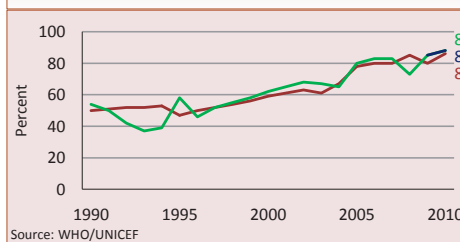


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

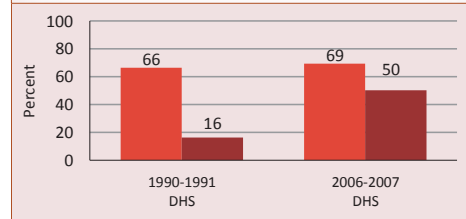
### Immunization

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



### Pneumonia treatment

Percent children <5 years with suspected pneumonia taken to appropriate health provider  
Percent children <5 years with suspected pneumonia receiving antibiotics



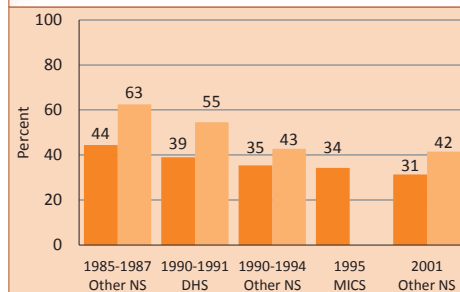
## NUTRITION

Wasting prevalence (moderate and severe, %) 14 (2001)  
Low birthweight incidence (moderate and severe, %) 32 (2006-2007)

Early initiation of breastfeeding (within 1 hr of birth, %) 29 (2006-2007)  
Introduction of solid, semi-solid/soft foods (%) -  
Vitamin A supplementation (two dose coverage, %) 87 (2010)

### Underweight and stunting prevalence

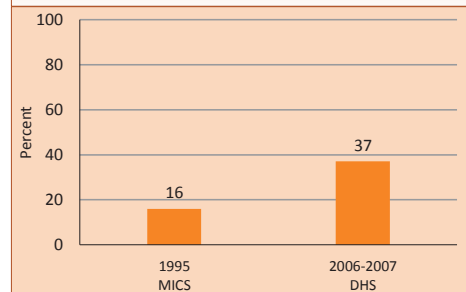
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

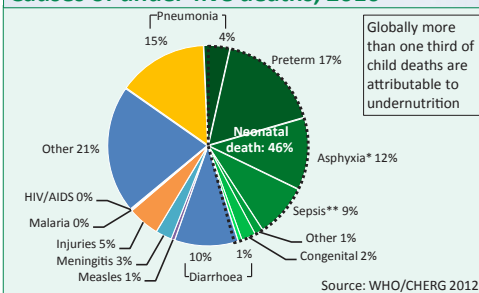
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



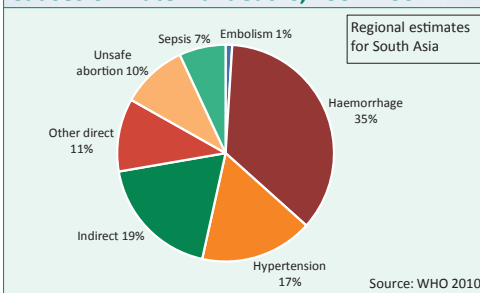
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



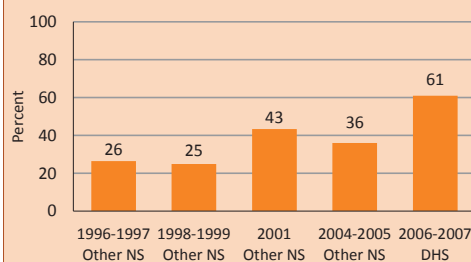
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



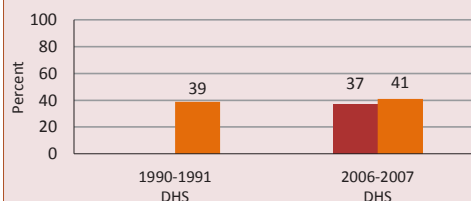
Demand for family planning satisfied (%)	44	(2007-2008)
Antenatal care (4 or more visits, %)	28	(2006-2007)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	7, 13, 5	(2006-2007)
Neonatal tetanus vaccine (%)	84	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	39	(2006-2007)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

### Diarrhoeal disease treatment

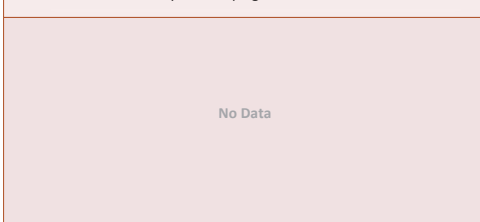
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

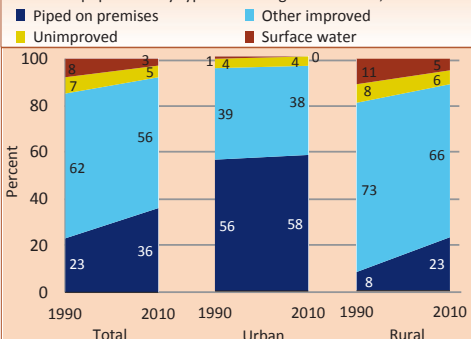
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

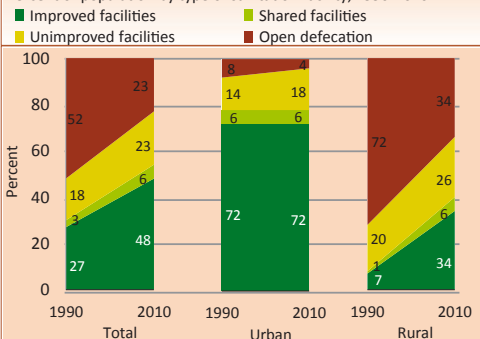
Percent of population by type of drinking water source, 1990-2010



Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



Source: WHO/UNICEF JMP 2012

## SYSTEMS AND FINANCING

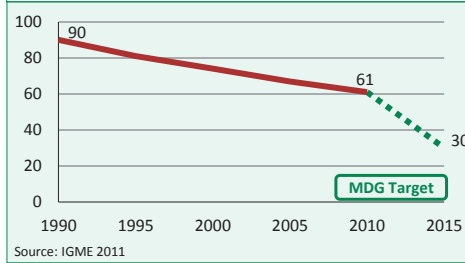
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	13.7 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	88 (2010)
General government expenditure on health as % of total government expenditure (%)	4 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	50 (2010)
Official development assistance to child health per child (US\$)	8 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	12 (2009)

## DEMOGRAPHICS

Total population (000)	6,858	(2010)
Total under-five population (000)	962	(2010)
Births (000)	207	(2010)
Birth registration (%)	-	-
Total under-five deaths (000)	12	(2010)
Neonatal deaths: % of all under-5 deaths	39	(2010)
Neonatal mortality rate (per 1000 live births)	23	(2010)
Infant mortality rate (per 1000 live births)	47	(2010)
Stillbirth rate (per 1000 total births)	15	(2009)
Total maternal deaths	480	(2010)
Lifetime risk of maternal death (1 in N)	110	(2010)
Total fertility rate (per woman)	4.0	(2010)
Adolescent birth rate (per 1000 women)	70	(2000)

### Under-five mortality rate

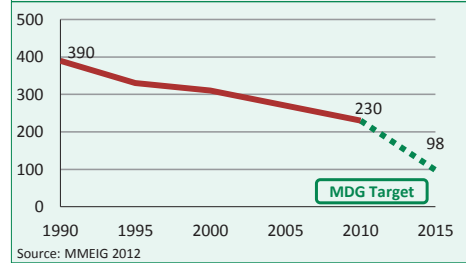
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

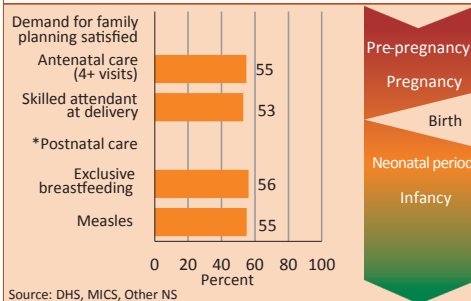


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

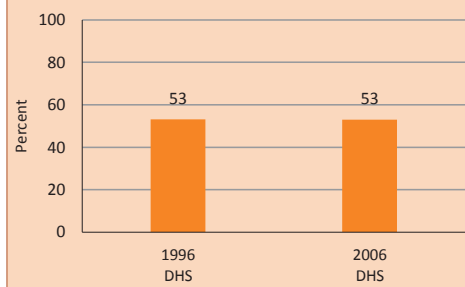


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

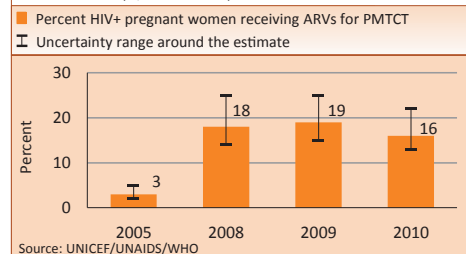
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 0 (2010)

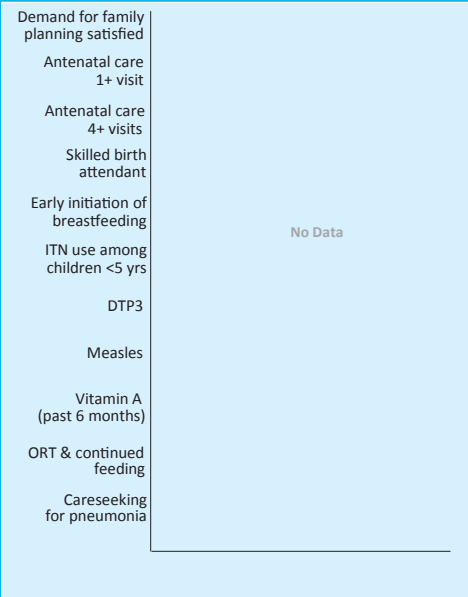


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

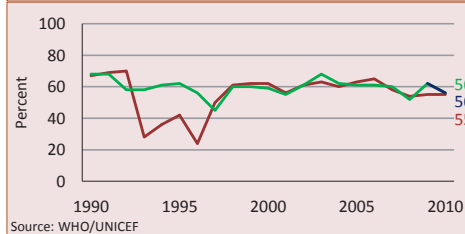


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

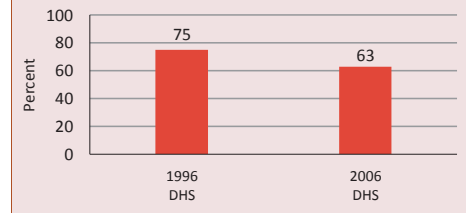
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



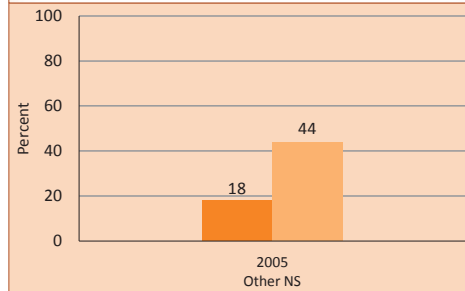
## NUTRITION

Wasting prevalence (moderate and severe, %)	4	(2005)
Low birthweight incidence (moderate and severe, %)	11	(2005)

Early initiation of breastfeeding (within 1 hr of birth, %)	-	-
Introduction of solid, semi-solid/soft foods (%)	-	-
Vitamin A supplementation (two dose coverage, %)	14	(2010)

### Underweight and stunting prevalence

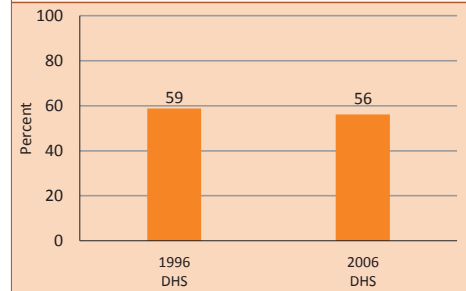
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

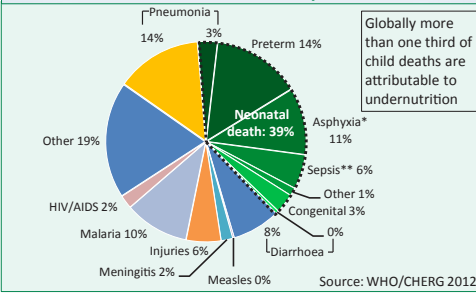
Percent infants <6 months exclusively breastfed



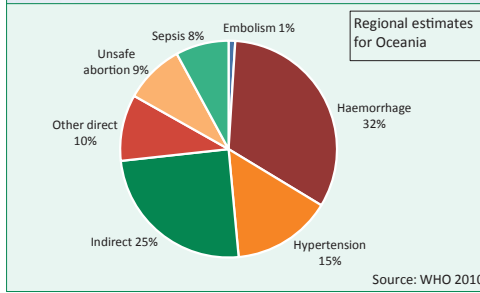


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007

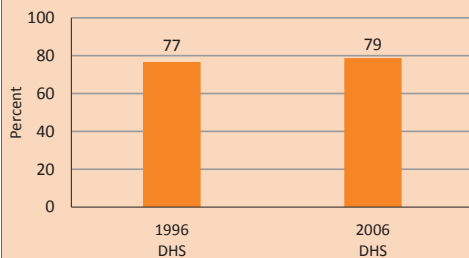


\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

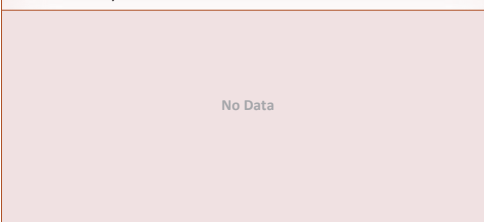


Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	55	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	61	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

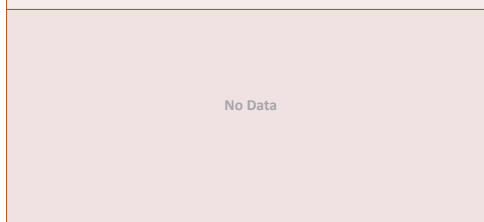
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

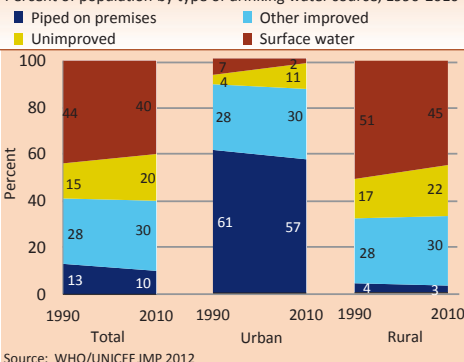
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

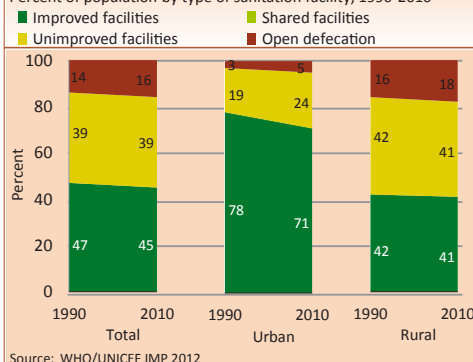
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

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

## SYSTEMS AND FINANCING

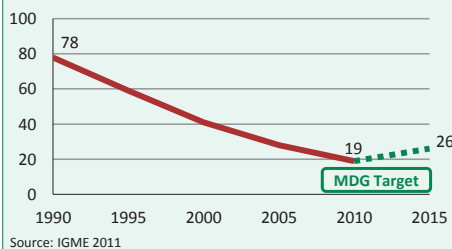
Costed national implementation plan(s) for maternal, newborn and child health available	No
Density of doctors, nurses and midwives (per 10,000 population)	5.6 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	481 (2010)
General government expenditure on health as % of total government expenditure (%)	8 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	16 (2010)
Official development assistance to child health per child (US\$)	25 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	40 (2009)

## DEMOGRAPHICS

Total population (000)	29,077	(2010)
Total under-five population (000)	2,909	(2010)
Births (000)	594	(2010)
Birth registration (%)	93	(2007)
Total under-five deaths (000)	11	(2010)
Neonatal deaths: % of all under-5 deaths	49	(2010)
Neonatal mortality rate (per 1000 live births)	9	(2010)
Infant mortality rate (per 1000 live births)	15	(2010)
Stillbirth rate (per 1000 total births)	10	(2009)
Total maternal deaths	400	(2010)
Lifetime risk of maternal death (1 in N)	570	(2010)
Total fertility rate (per woman)	2.5	(2010)
Adolescent birth rate (per 1000 women)	69	(2007)

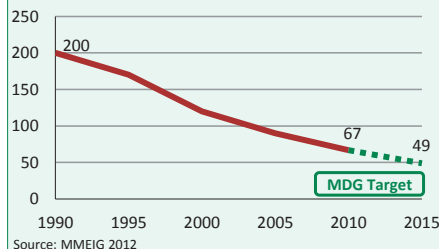
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

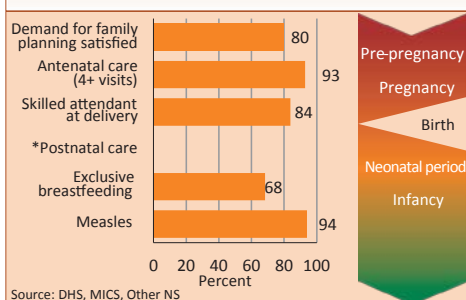
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

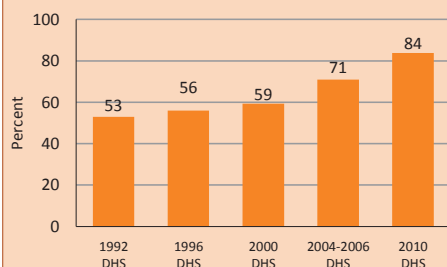


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

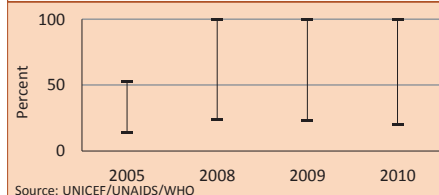
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 100 (2010)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
 ▭ Uncertainty range around the estimate

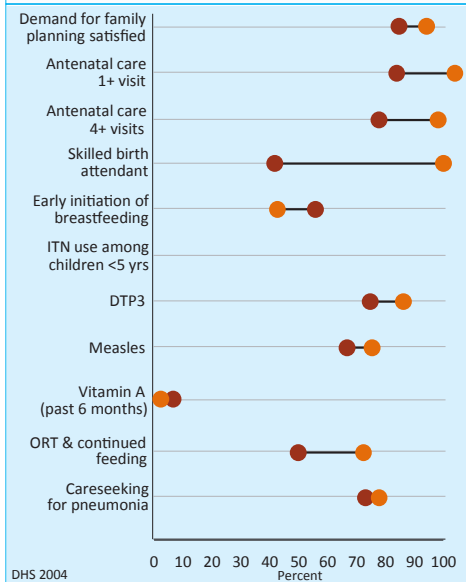


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

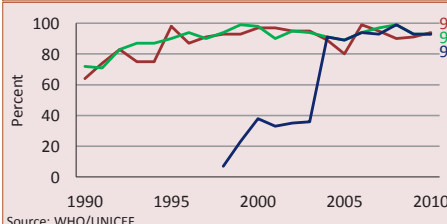


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

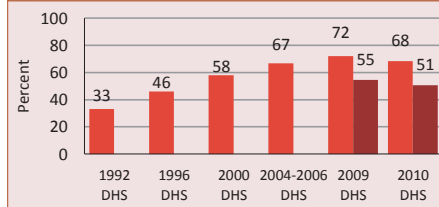
■ Percent of children immunized against measles  
 ■ Percent of children immunized with 3 doses DTP  
 ■ Percent of children immunized with 3 doses Hib



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



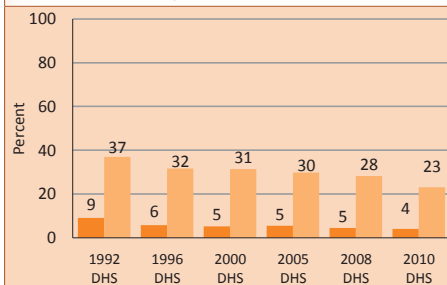
## NUTRITION

Wasting prevalence (moderate and severe, %) 1 (2010)  
 Low birthweight incidence (moderate and severe, %) 8 (2007)

Early initiation of breastfeeding (within 1 hr of birth, %) 51 (2010)  
 Introduction of solid, semi-solid/soft foods (%) 82 (2004-2008)  
 Vitamin A supplementation (two dose coverage, %) -

### Underweight and stunting prevalence

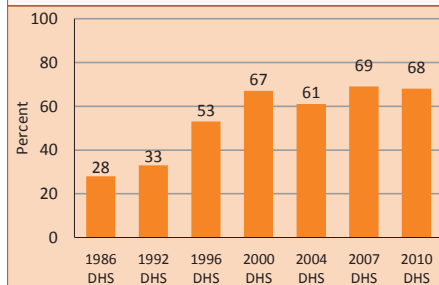
■ Percent children <5 years who are underweight  
 ■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

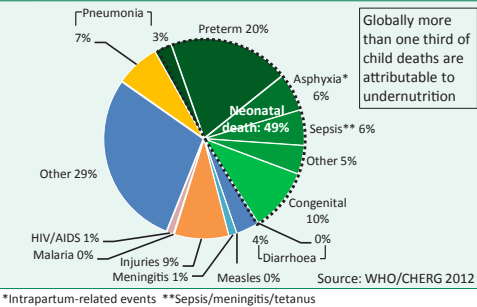
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

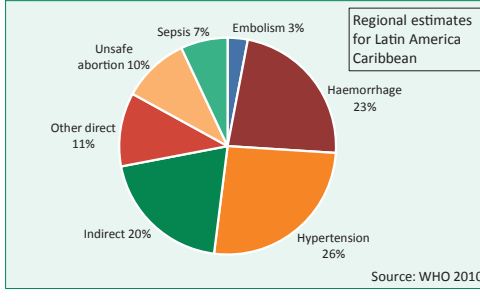


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



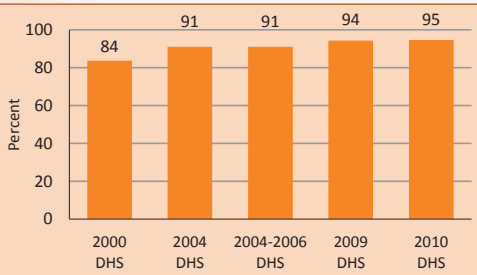
**Causes of maternal deaths, 1997-2007**



**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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



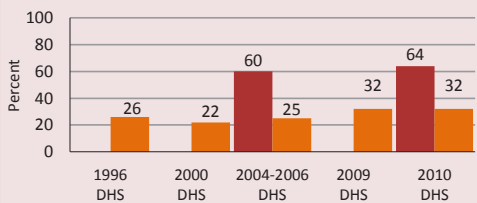
Demand for family planning satisfied (%)	80	(2009)
Antenatal care (4 or more visits, %)	93	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	20, 27, 8	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

**CHILD HEALTH**

**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



**Malaria prevention and treatment**

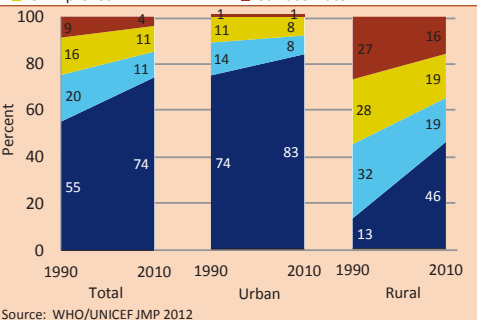
Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-

Sub-national risk of malaria transmission

**WATER AND SANITATION**

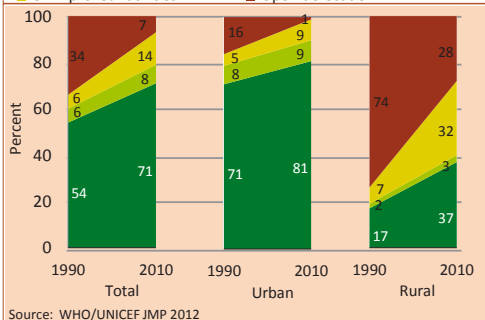
**Improved drinking water coverage**

- Piped on premises
- Other improved
- Unimproved
- Surface water



**Improved sanitation coverage**

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



**POLICIES**

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Partial
International Code of Marketing of Breastmilk Substitutes	Yes
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Yes
Pneumococcal vaccine	Yes

**SYSTEMS AND FINANCING**

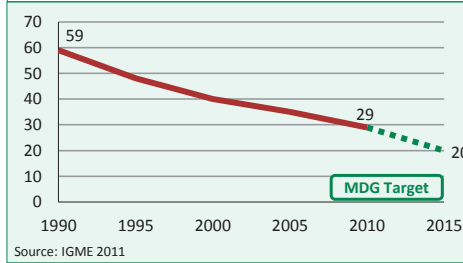
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	21.9 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	142 (2010)
General government expenditure on health as % of total government expenditure (%)	14 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	17 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	20 (2009)

## DEMOGRAPHICS

Total population (000)	93,261	(2010)
Total under-five population (000)	11,254	(2010)
Births (000)	2,344	(2010)
Birth registration (%)	83	(2000)
Total under-five deaths (000)	66	(2010)
Neonatal deaths: % of all under-5 deaths	48	(2010)
Neonatal mortality rate (per 1000 live births)	14	(2010)
Infant mortality rate (per 1000 live births)	23	(2010)
Stillbirth rate (per 1000 total births)	16	(2009)
Total maternal deaths	2,300	(2010)
Lifetime risk of maternal death (1 in N)	300	(2010)
Total fertility rate (per woman)	3.1	(2010)
Adolescent birth rate (per 1000 women)	53	(2006)

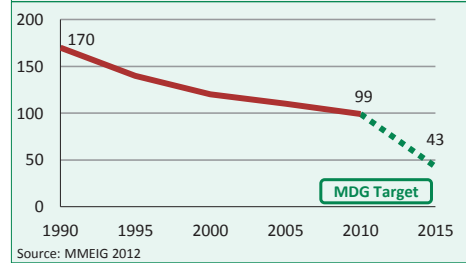
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

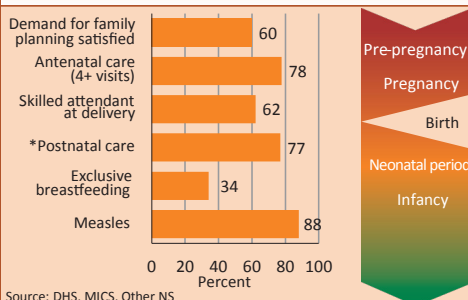
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

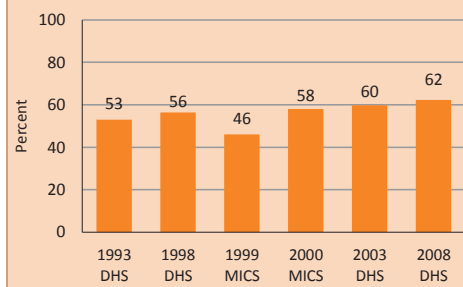
### Coverage along the continuum of care



\* See Annex/website for indicator definition

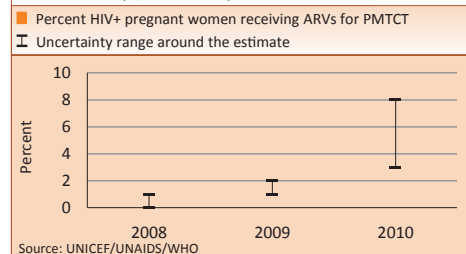
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



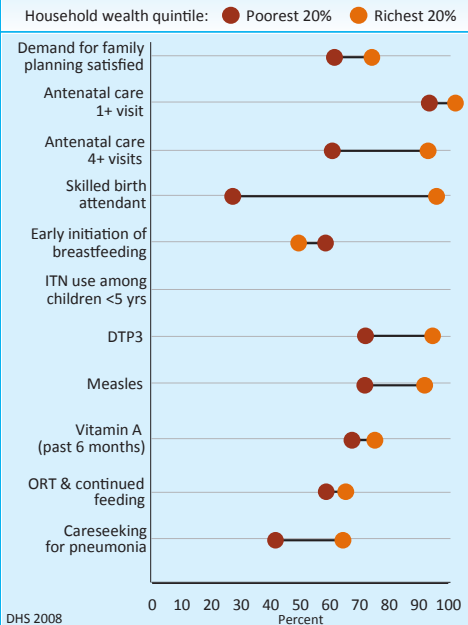
### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 83 (2010)



## EQUITY

### Socioeconomic inequities in coverage

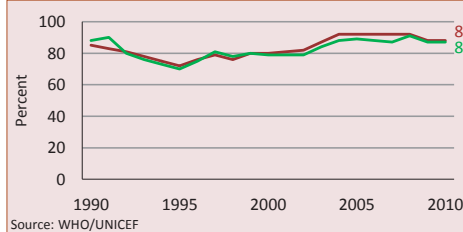


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

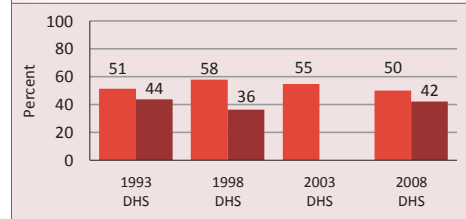
### Immunization

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



### Pneumonia treatment

Percent children <5 years with suspected pneumonia taken to appropriate health provider  
Percent children <5 years with suspected pneumonia receiving antibiotics

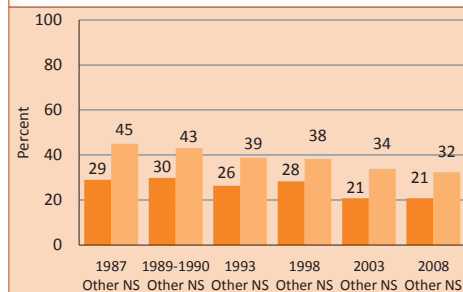


## NUTRITION

Wasting prevalence (moderate and severe, %)	7	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	54	(2008)
Low birthweight incidence (moderate and severe, %)	21	(2008)	Introduction of solid, semi-solid/soft foods (%)	90	(2008)
			Vitamin A supplementation (two dose coverage, %)	91	(2009)

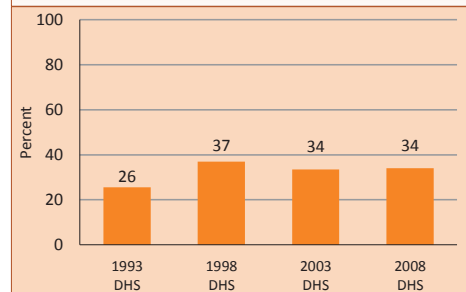
### Underweight and stunting prevalence

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



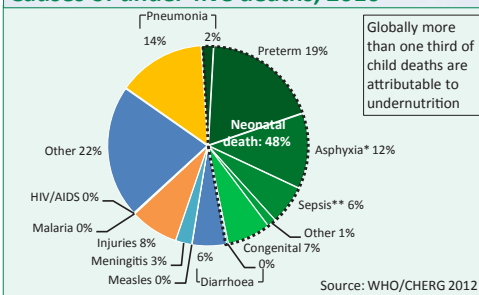
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

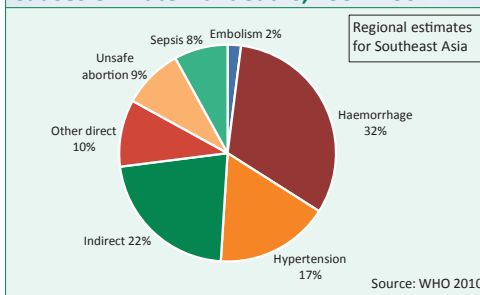


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



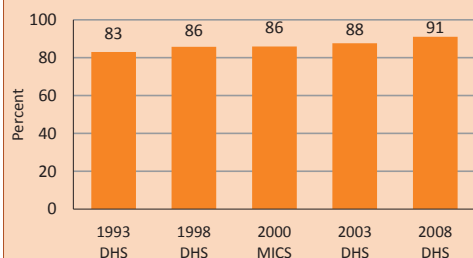
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

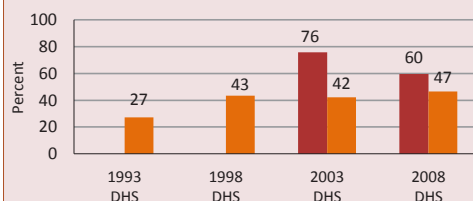


Demand for family planning satisfied (%)	60	(2008)
Antenatal care (4 or more visits, %)	78	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %)	10, 14, 5	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	75	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	77	(2008)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### 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



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

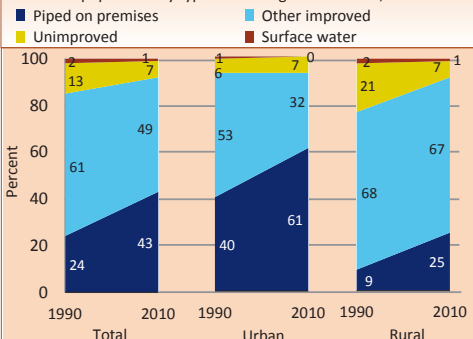
- Percent of children <5 years sleeping under ITNs

Sub-national risk of malaria transmission

## WATER AND SANITATION

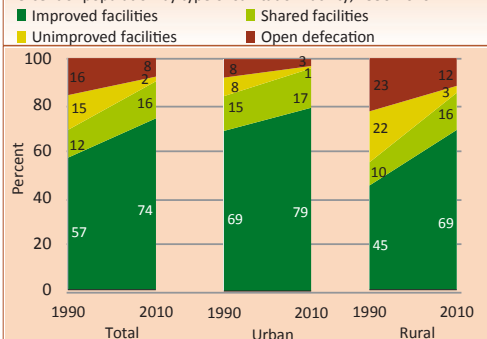
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

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

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	No	
Density of doctors, nurses and midwives (per 10,000 population)	71.5	(2004)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	121	(2010)
General government expenditure on health as % of total government expenditure (%)	8	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	54	(2010)
Official development assistance to child health per child (US\$)	2	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	8	(2009)

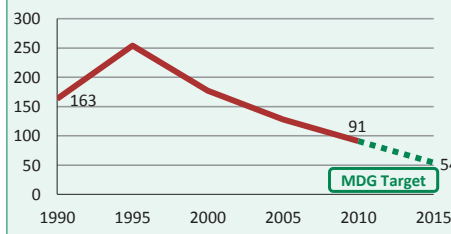


## DEMOGRAPHICS

Total population (000)	10,624	(2010)
Total under-five population (000)	1,831	(2010)
Births (000)	438	(2010)
Birth registration (%)	82	(2005)
Total under-five deaths (000)	38	(2010)
Neonatal deaths: % of all under-5 deaths	34	(2010)
Neonatal mortality rate (per 1000 live births)	29	(2010)
Infant mortality rate (per 1000 live births)	59	(2010)
Stillbirth rate (per 1000 total births)	23	(2009)
Total maternal deaths	1,500	(2010)
Lifetime risk of maternal death (1 in N)	54	(2010)
Total fertility rate (per woman)	5.4	(2010)
Adolescent birth rate (per 1000 women)	43	(2006)

### Under-five mortality rate

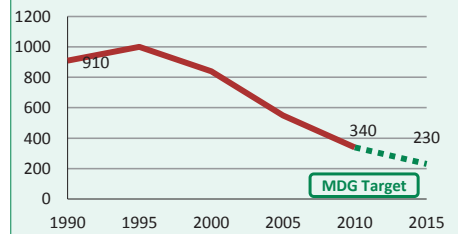
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

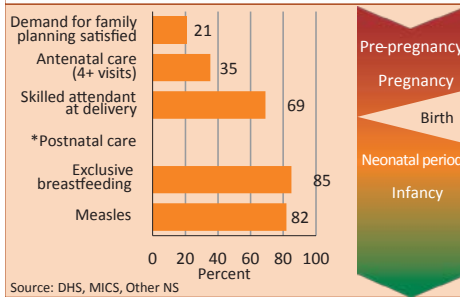


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

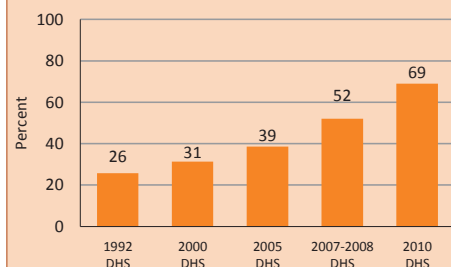


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

Percent live births attended by skilled health personnel

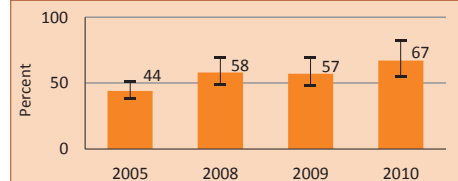


### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 20 (2010)

Percent HIV+ pregnant women receiving ARVs for PMTCT

Uncertainty range around the estimate

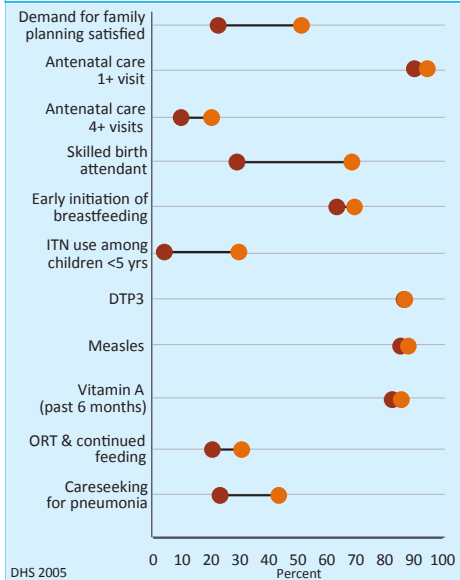


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



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.

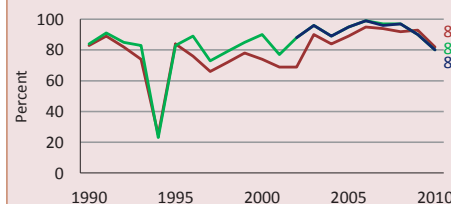
## CHILD HEALTH

### Immunization

Percent of children immunized against measles

Percent of children immunized with 3 doses DTP

Percent of children immunized with 3 doses Hib

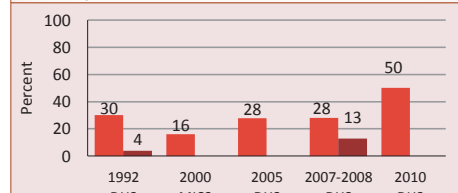


Source: WHO/UNICEF

### Pneumonia treatment

Percent children <5 years with suspected pneumonia taken to appropriate health provider

Percent children <5 years with suspected pneumonia receiving antibiotics



## NUTRITION

Wasting prevalence (moderate and severe, %) 3 (2010)

Low birthweight incidence (moderate and severe, %) 6 (2005)

Early initiation of breastfeeding (within 1 hr of birth, %) 68 (2007-2008)

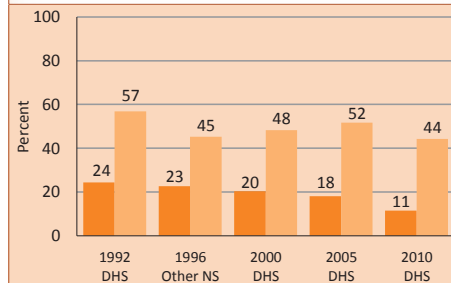
Introduction of solid, semi-solid/soft foods (%) - -

Vitamin A supplementation (two dose coverage, %) 92 (2010)

### Underweight and stunting prevalence

Percent children <5 years who are underweight

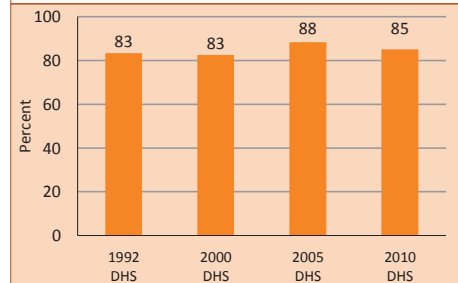
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

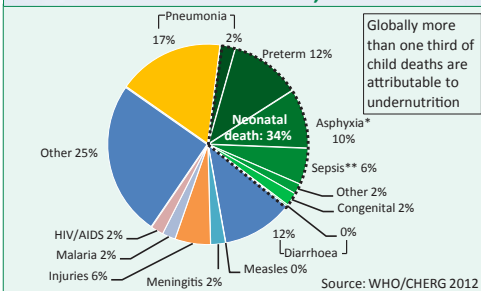
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



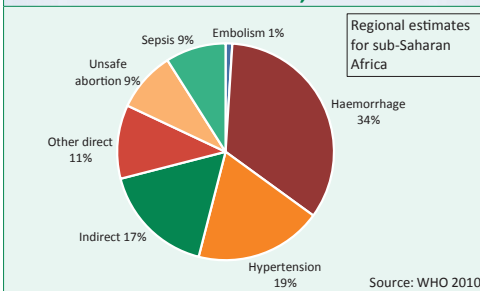
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



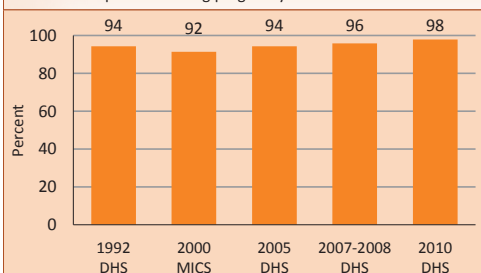
## POLICIES

Maternity protection in accordance with Convention 183	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	No
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Partial
Pneumococcal vaccine	Yes

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	21	(2005)
Antenatal care (4 or more visits, %)	35	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	17	(2007-2008)
C-section rate (total, urban, rural; %)	3, 8, 2	(2005)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

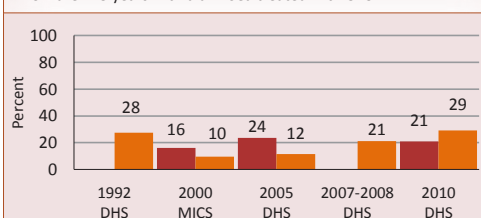
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	4.7 (2005)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	142 (2010)
General government expenditure on health as % of total government expenditure (%)	20 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	22 (2010)
Official development assistance to child health per child (US\$)	35 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	58 (2009)

## CHILD HEALTH

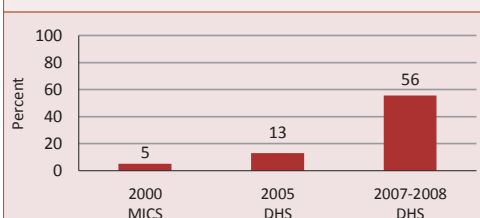
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

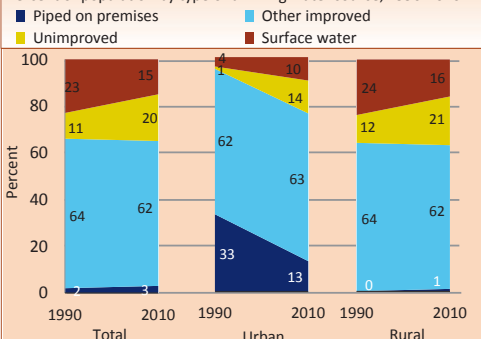
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

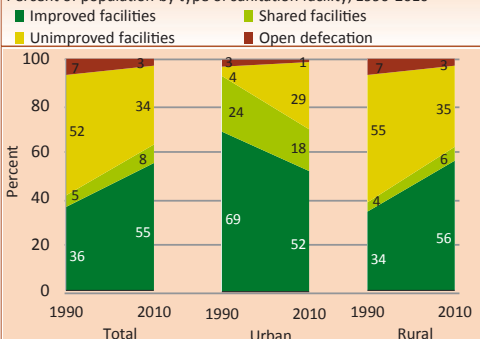
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

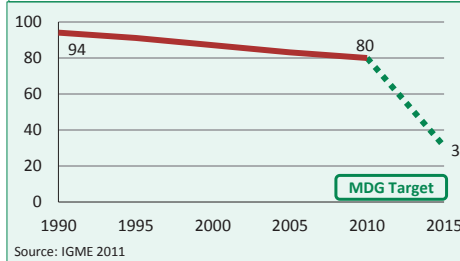


## DEMOGRAPHICS

Total population (000)	165	(2010)
Total under-five population (000)	23	(2010)
Births (000)	5	(2010)
Birth registration (%)	75	(2008-2009)
Total under-five deaths (000)	0	(2010)
Neonatal deaths: % of all under-5 deaths	33	(2010)
Neonatal mortality rate (per 1000 live births)	25	(2010)
Infant mortality rate (per 1000 live births)	53	(2010)
Stillbirth rate (per 1000 total births)	22	(2009)
Total maternal deaths	4	(2010)
Lifetime risk of maternal death (1 in N)	330	(2010)
Total fertility rate (per woman)	3.7	(2010)
Adolescent birth rate (per 1000 women)	110	(2007)

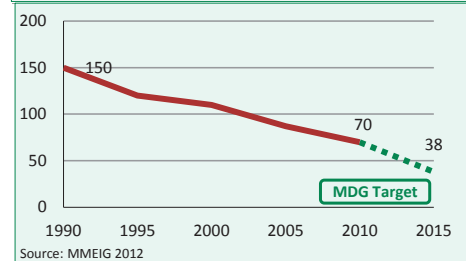
### Under-five mortality rate

Deaths per 1,000 live births



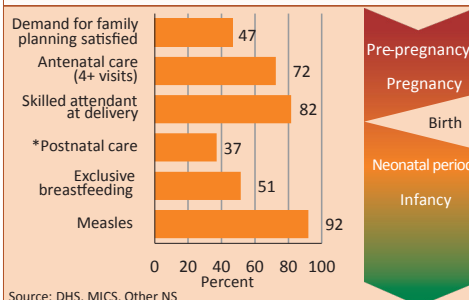
### Maternal mortality ratio

Deaths per 100,000 live births



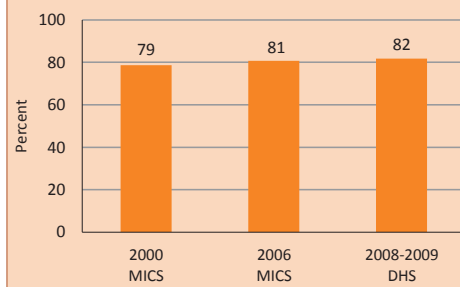
## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care



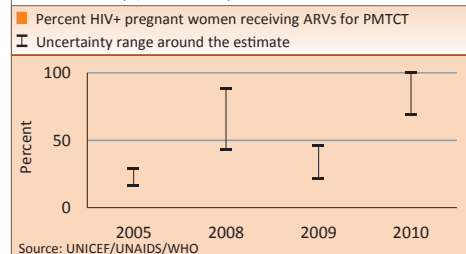
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



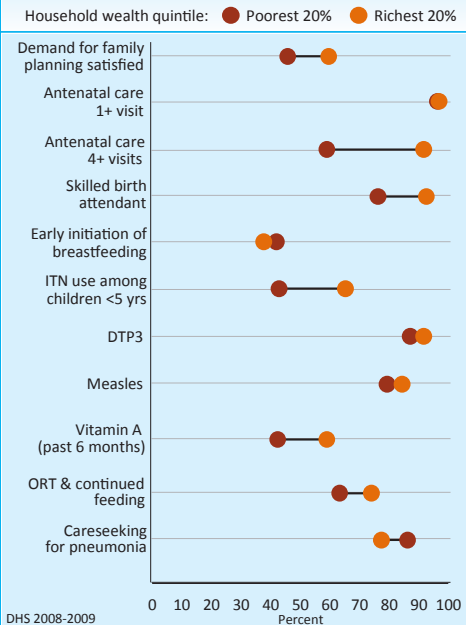
### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 6 (2010)



## EQUITY

### Socioeconomic inequities in coverage

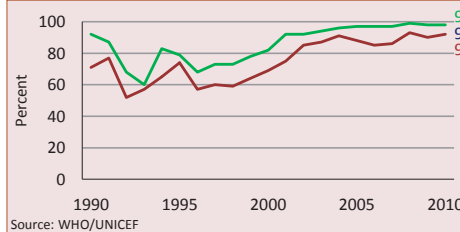


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

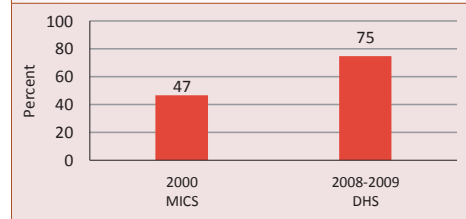
### Immunization

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



### Pneumonia treatment

Percent children <5 years with suspected pneumonia taken to appropriate health provider  
Percent children <5 years with suspected pneumonia receiving antibiotics

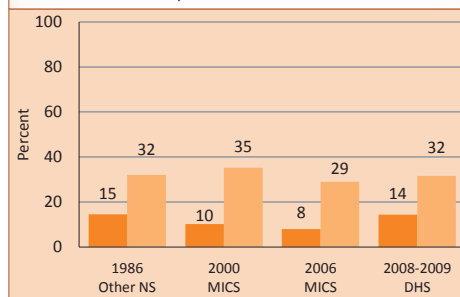


## NUTRITION

Wasting prevalence (moderate and severe, %)	11	(2008-2009)	Early initiation of breastfeeding (within 1 hr of birth, %)	45	(2008-2009)
Low birthweight incidence (moderate and severe, %)	8	(2006)	Introduction of solid, semi-solid/soft foods (%)	74	(2008-2009)
			Vitamin A supplementation (two dose coverage, %)	41	(2010)

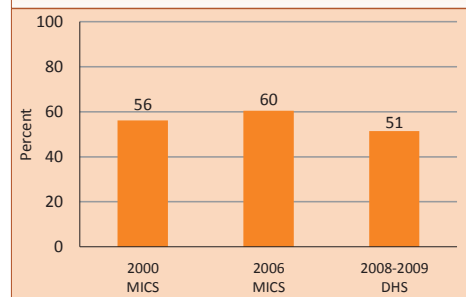
### Underweight and stunting prevalence

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



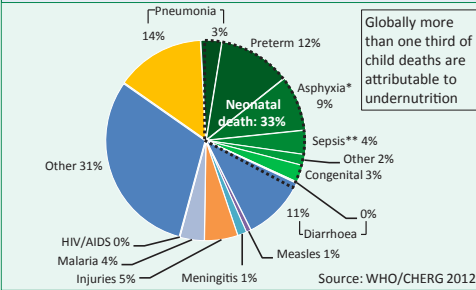
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



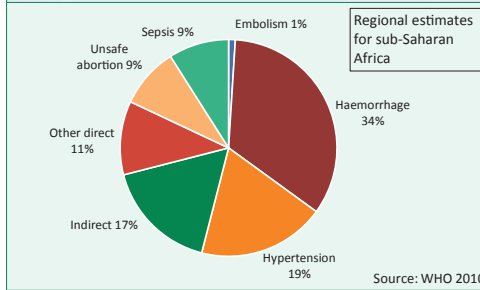
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



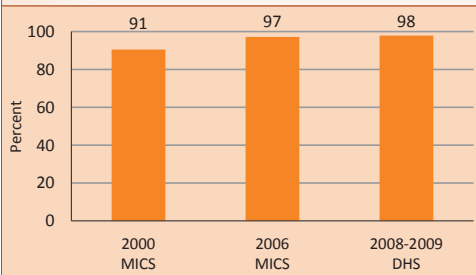
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	47	(2008 -2009)
Antenatal care (4 or more visits, %)	72	(2008 -2009)
Malaria during pregnancy - intermittent preventive treatment (%)	60	(2008 -2009)
C-section rate (total, urban, rural; %)	5, 7, 4	(2008 -2009)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	37	(2008 -2009)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	5	(2008 -2009)

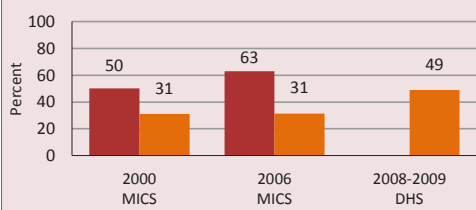
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	-
Density of doctors, nurses and midwives (per 10,000 population)	23.6 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	109 (2010)
General government expenditure on health as % of total government expenditure (%)	13 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	54 (2010)
Official development assistance to child health per child (US\$)	41 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	119 (2009)

## CHILD HEALTH

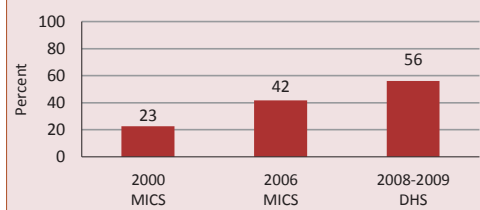
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

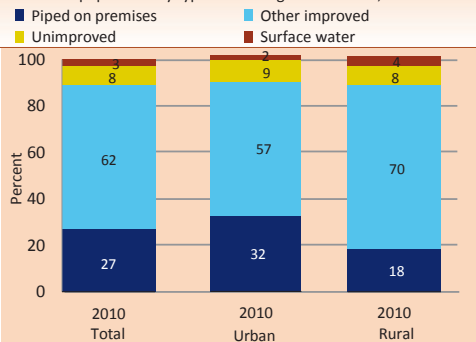
■ Percent of children receiving first line treatment among those receiving any antimalarial: 43 (2008 -2009)  
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 2010\*

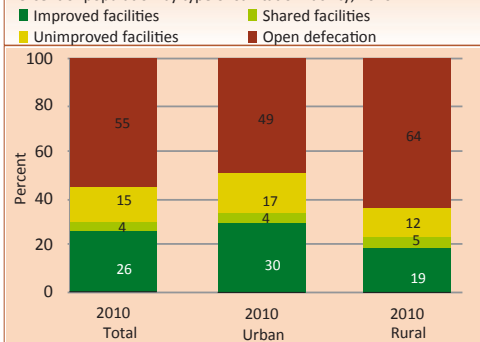


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*



Source: WHO/UNICEF JMP 2012

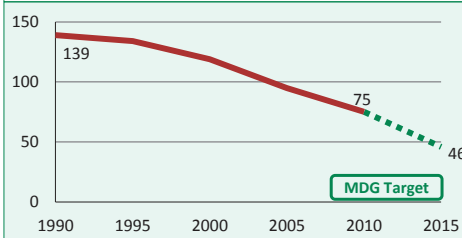
\*Insufficient data for generating a trend graph.

## DEMOGRAPHICS

Total population (000)	12,434	(2010)
Total under-five population (000)	2,081	(2010)
Births (000)	465	(2010)
Birth registration (%)	55	(2005)
Total under-five deaths (000)	34	(2010)
Neonatal deaths: % of all under-5 deaths	37	(2010)
Neonatal mortality rate (per 1000 live births)	27	(2010)
Infant mortality rate (per 1000 live births)	50	(2010)
Stillbirth rate (per 1000 total births)	34	(2009)
Total maternal deaths	1,700	(2010)
Lifetime risk of maternal death (1 in N)	54	(2010)
Total fertility rate (per woman)	4.8	(2010)
Adolescent birth rate (per 1000 women)	96	(2007)

### Under-five mortality rate

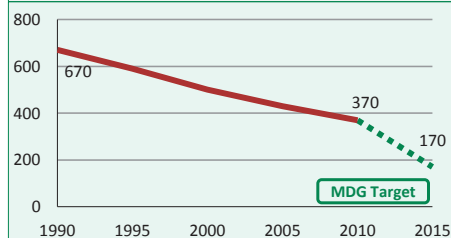
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

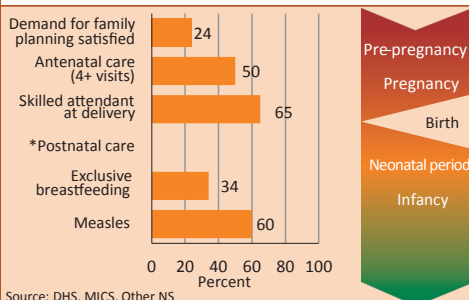


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

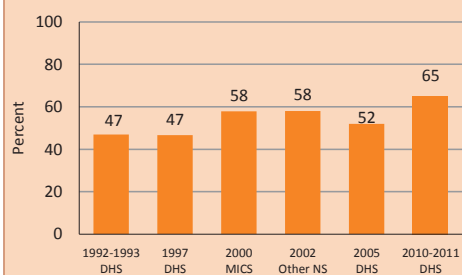


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

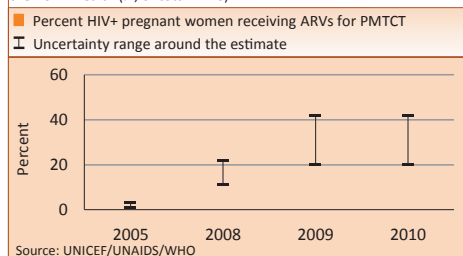
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

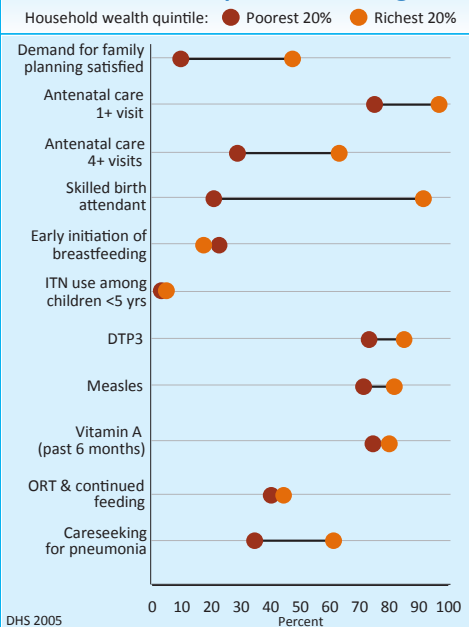
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 32 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

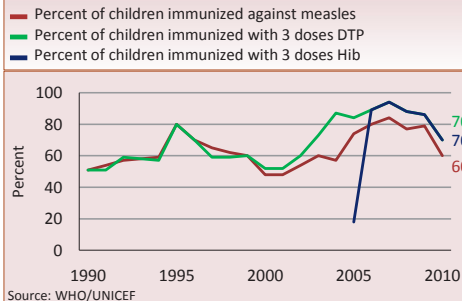
### Socioeconomic inequities in coverage



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.

## CHILD HEALTH

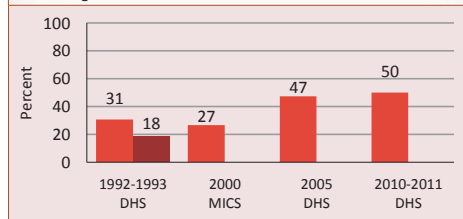
### Immunization



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

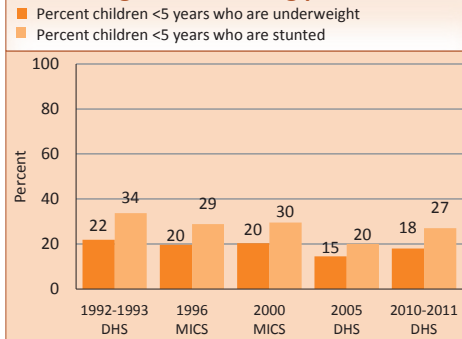


## NUTRITION

Wasting prevalence (moderate and severe, %) 10 (2010-2011)  
Low birthweight incidence (moderate and severe, %) 19 (2005)

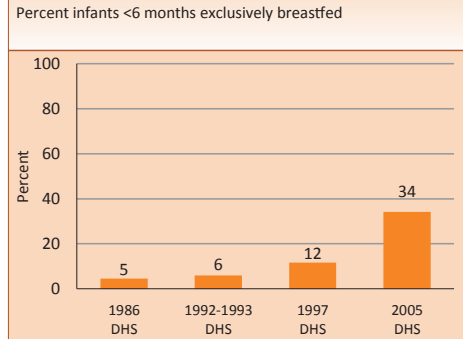
Early initiation of breastfeeding (within 1 hr of birth, %) 23 (2005)  
Introduction of solid, semi-solid/soft foods (%) -  
Vitamin A supplementation (two dose coverage, %) 97 (2009)

### Underweight and stunting prevalence



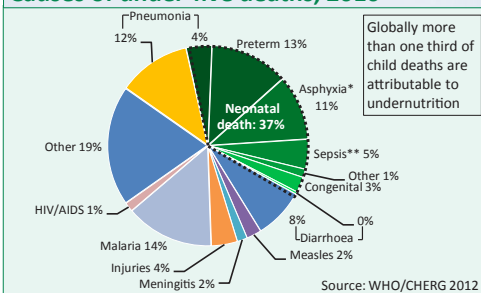
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding



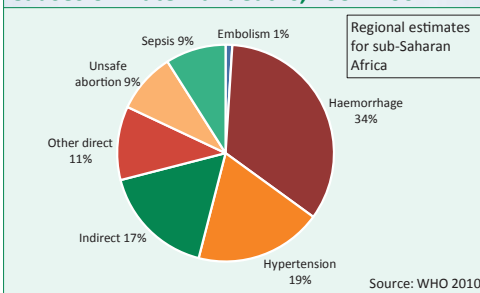
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



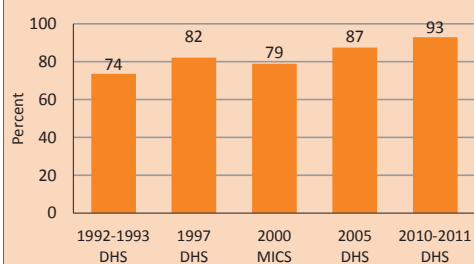
## POLICIES

Maternity protection in accordance with Convention 183	Partial
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	Partial
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	-

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	24	(2005)
Antenatal care (4 or more visits, %)	50	(2010-2011)
Malaria during pregnancy - intermittent preventive treatment (%)	39	(2010-2011)
C-section rate (total, urban, rural; %)	6, 11, 3	(2010-2011)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	88	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

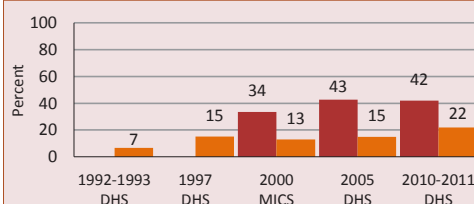
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	4.8	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	38	(2000)
Per capita total expenditure on health (Int\$)	107	(2010)
General government expenditure on health as % of total government expenditure (%)	12	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	35	(2010)
Official development assistance to child health per child (US\$)	17	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	32	(2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

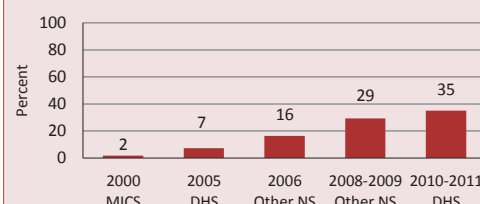
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
 ■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

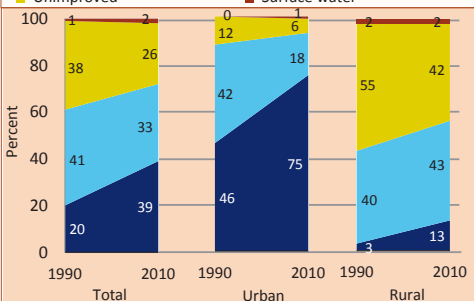


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water

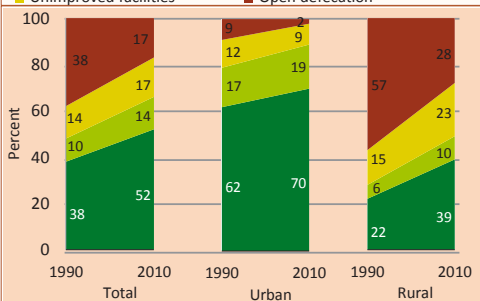


Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



Source: WHO/UNICEF JMP 2012

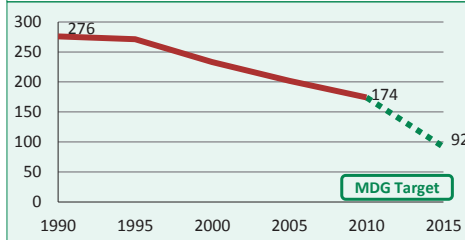


## DEMOGRAPHICS

Total population (000)	5,868	(2010)
Total under-five population (000)	970	(2010)
Births (000)	226	(2010)
Birth registration (%)	51	(2008)
Total under-five deaths (000)	39	(2010)
Neonatal deaths: % of all under-5 deaths	26	(2010)
Neonatal mortality rate (per 1000 live births)	45	(2010)
Infant mortality rate (per 1000 live births)	114	(2010)
Stillbirth rate (per 1000 total births)	30	(2009)
Total maternal deaths	2,000	(2010)
Lifetime risk of maternal death (1 in N)	23	(2010)
Total fertility rate (per woman)	5.0	(2010)
Adolescent birth rate (per 1000 women)	143	(2006)

### Under-five mortality rate

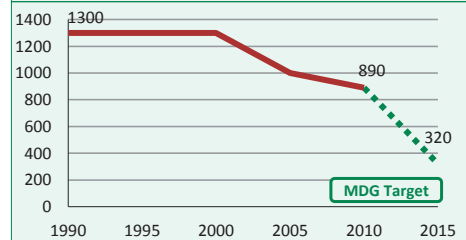
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

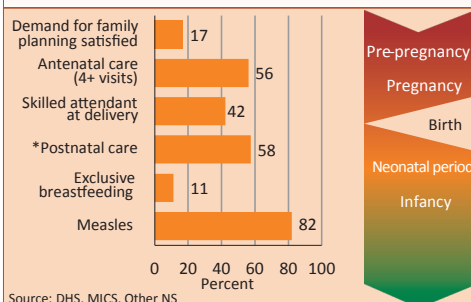


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

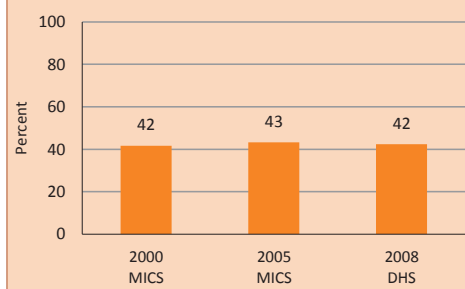


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

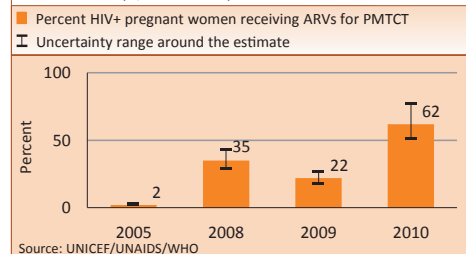
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

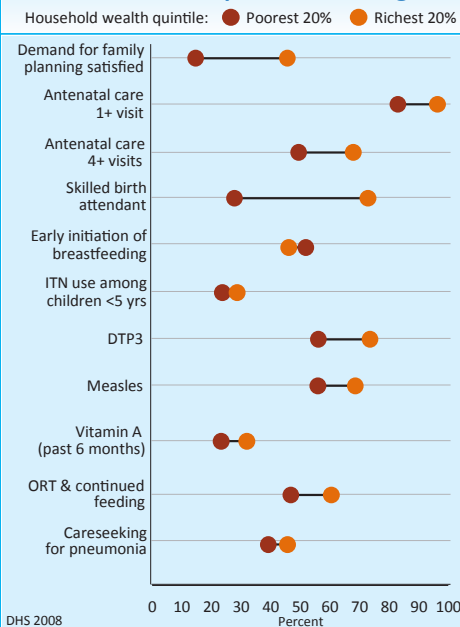
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 21 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

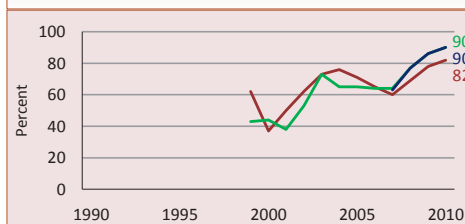


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

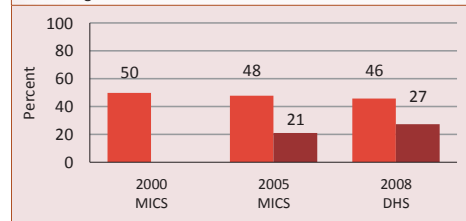
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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

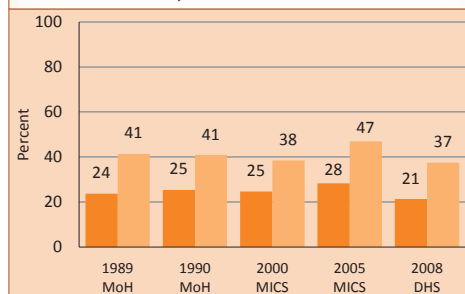


## NUTRITION

Wasting prevalence (moderate and severe, %)	11	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	51	(2008)
Low birthweight incidence (moderate and severe, %)	14	(2008)	Introduction of solid, semi-solid/soft foods (%)	78	(2008)
			Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

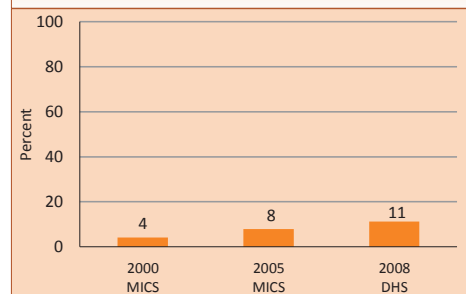
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

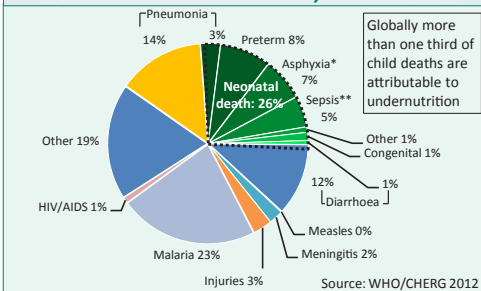
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

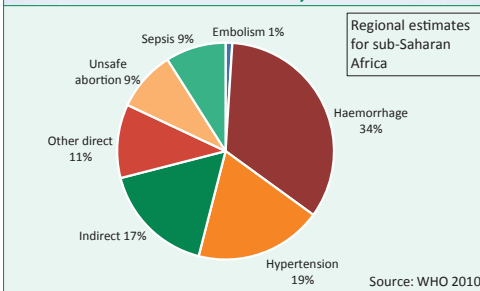


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007



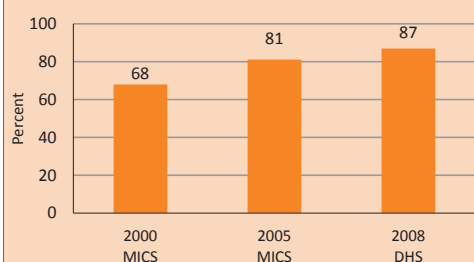
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	17	(2008)
Antenatal care (4 or more visits, %)	56	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	10	(2008)
C-section rate (total, urban, rural; %)	2, 3, 1	(2008)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	58	(2008)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	11	(2008)

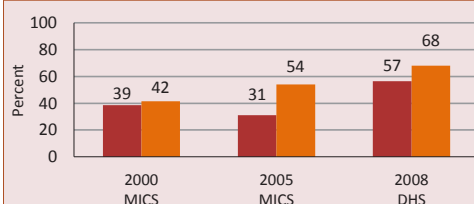
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	1.9	(2008)
National availability of emergency obstetric care services (% of recommended minimum)	24	(2008)
Per capita total expenditure on health (Int\$)	227	(2010)
General government expenditure on health as % of total government expenditure (%)	6	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	79	(2010)
Official development assistance to child health per child (US\$)	23	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	66	(2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

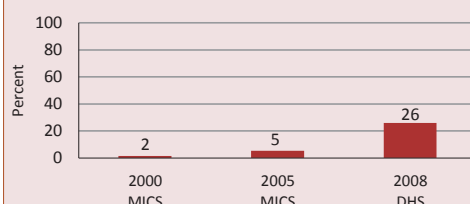
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

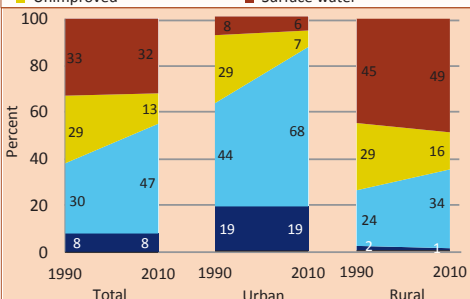


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

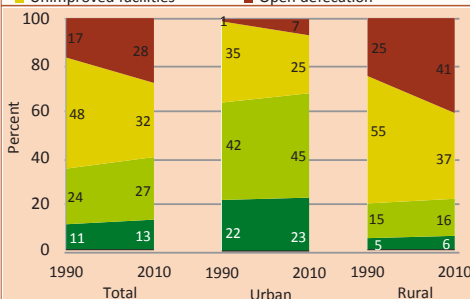
■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation

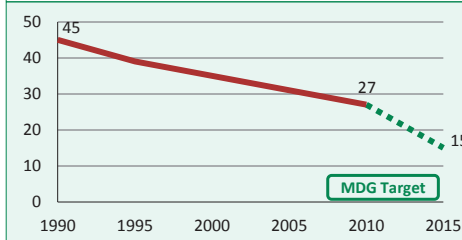


## DEMOGRAPHICS

Total population (000)	538	(2010)
Total under-five population (000)	80	(2010)
Births (000)	17	(2010)
Birth registration (%)	80	(2007)
Total under-five deaths (000)	0	(2010)
Neonatal deaths: % of all under-5 deaths	47	(2010)
Neonatal mortality rate (per 1000 live births)	12	(2010)
Infant mortality rate (per 1000 live births)	23	(2010)
Stillbirth rate (per 1000 total births)	15	(2009)
Total maternal deaths	16	(2010)
Lifetime risk of maternal death (1 in N)	240	(2010)
Total fertility rate (per woman)	4.2	(2010)
Adolescent birth rate (per 1000 women)	70	(2005)

### Under-five mortality rate

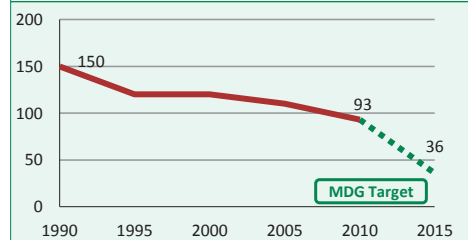
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

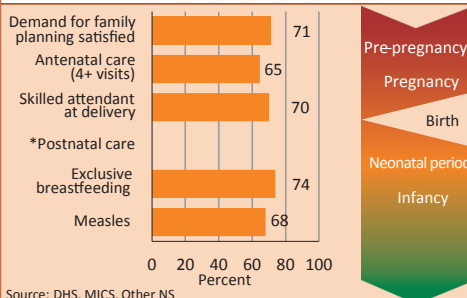


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

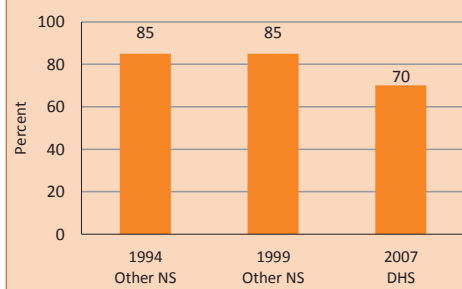


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

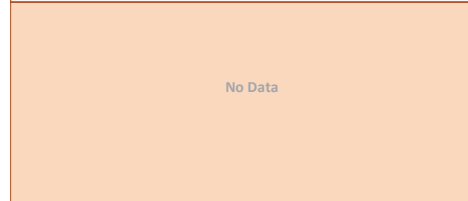
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

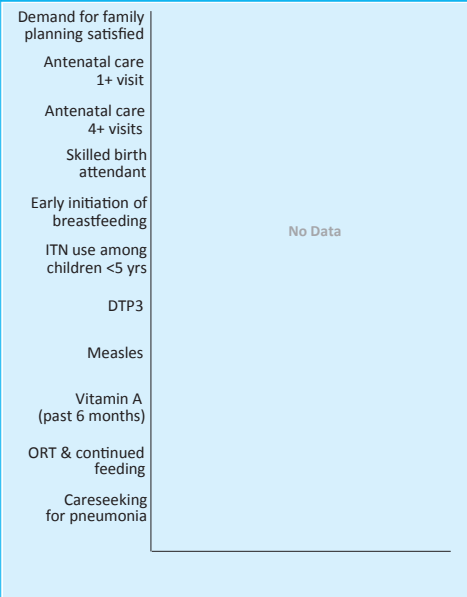
■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
 ▭ Uncertainty range around the estimate



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

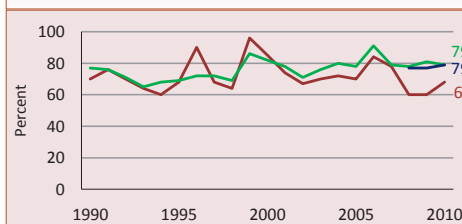


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

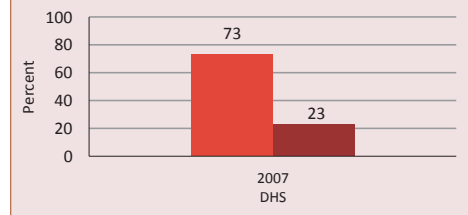
■ Percent of children immunized against measles  
 ■ Percent of children immunized with 3 doses DTP  
 ■ Percent of children immunized with 3 doses Hib



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



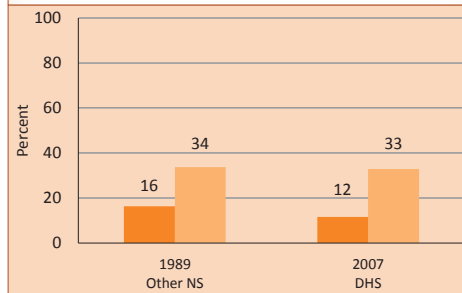
## NUTRITION

Wasting prevalence (moderate and severe, %) 4 (2007)  
 Low birthweight incidence (moderate and severe, %) 13 (2007)

Early initiation of breastfeeding (within 1 hr of birth, %) 75 (2007)  
 Introduction of solid, semi-solid/soft foods (%) - -  
 Vitamin A supplementation (two dose coverage, %) - -

### Underweight and stunting prevalence

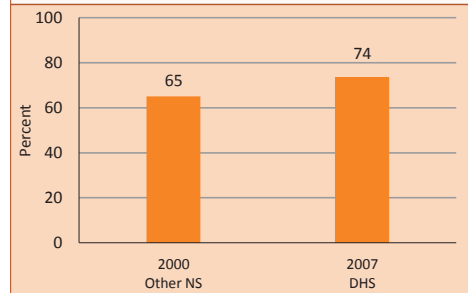
■ Percent children <5 years who are underweight  
 ■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

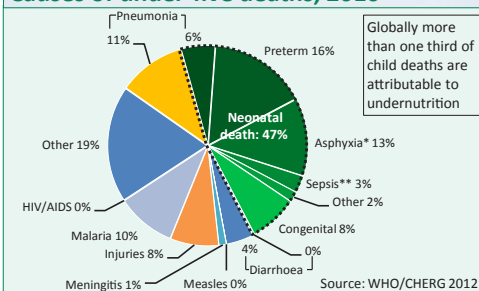
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



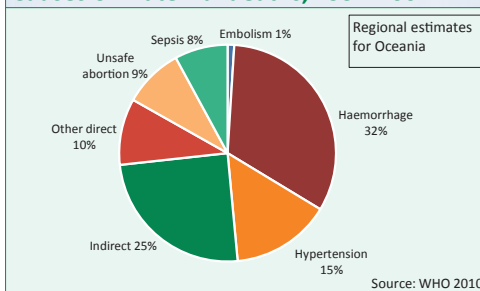
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



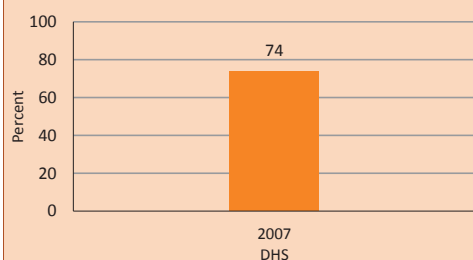
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	71	(2007)
Antenatal care (4 or more visits, %)	65	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	1	(2007)
C-section rate (total, urban, rural; %)	6, 8, 6	(2007)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

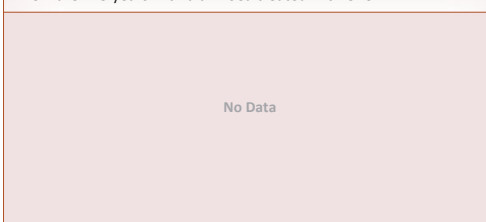
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	No	
Density of doctors, nurses and midwives (per 10,000 population)	22.7	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	74	(2010)
General government expenditure on health as % of total government expenditure (%)	23	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	4	(2010)
Official development assistance to child health per child (US\$)	74	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	135	(2009)

## CHILD HEALTH

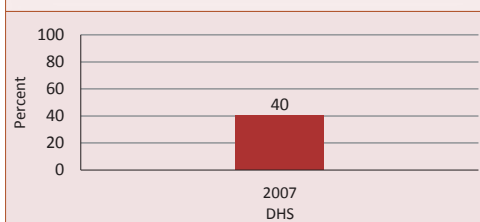
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

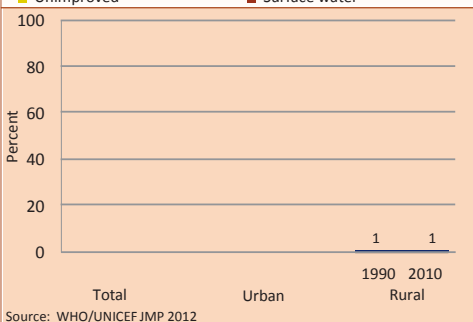
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

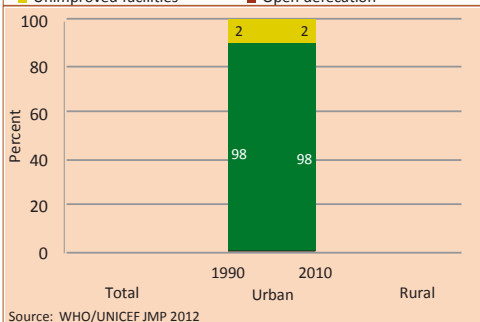
### Improved drinking water coverage

- Percent of population by type of drinking water source, 1990-2010
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

- Percent of population by type of sanitation facility, 1990-2010
- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation

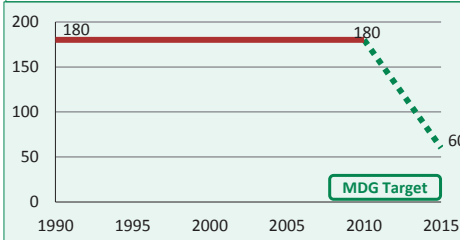


## DEMOGRAPHICS

Total population (000)	9,331	(2010)
Total under-five population (000)	1,667	(2010)
Births (000)	408	(2010)
Birth registration (%)	3	(2006)
Total under-five deaths (000)	70	(2010)
Neonatal deaths: % of all under-5 deaths	30	(2010)
Neonatal mortality rate (per 1000 live births)	52	(2010)
Infant mortality rate (per 1000 live births)	108	(2010)
Stillbirth rate (per 1000 total births)	30	(2009)
Total maternal deaths	4,200	(2010)
Lifetime risk of maternal death (1 in N)	16	(2010)
Total fertility rate (per woman)	6.3	(2010)
Adolescent birth rate (per 1000 women)	123	(2005)

### Under-five mortality rate

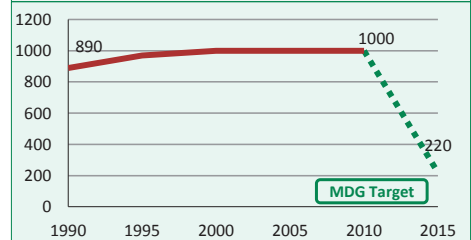
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

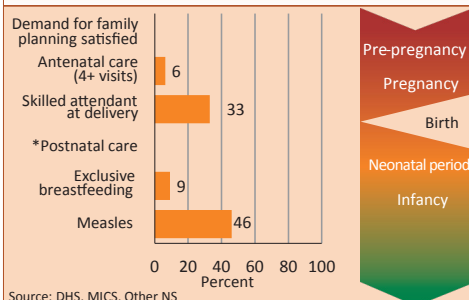


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

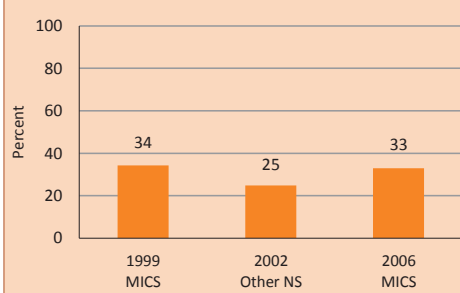


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

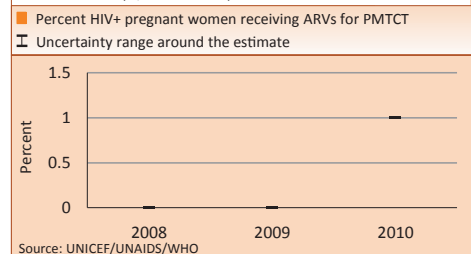
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 6 (2010)

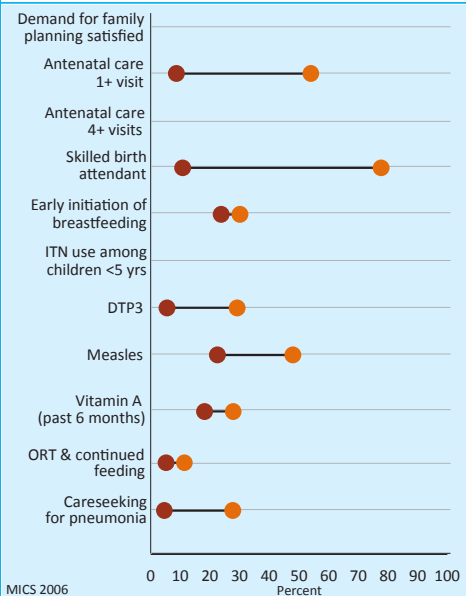


Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



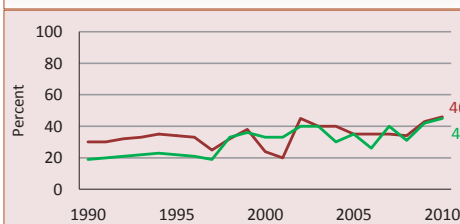
MICS 2006

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.

## CHILD HEALTH

### Immunization

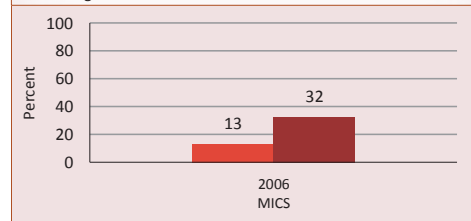
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib



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



Source: MICS

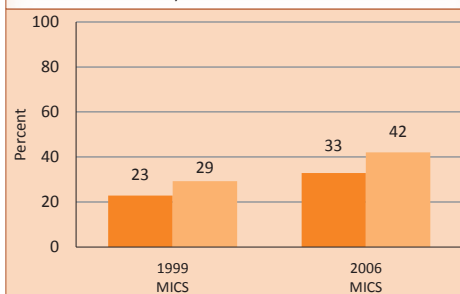
## NUTRITION

Wasting prevalence (moderate and severe, %) 13 (2006)  
Low birthweight incidence (moderate and severe, %) -

Early initiation of breastfeeding (within 1 hr of birth, %) 26 (2006)  
Introduction of solid, semi-solid/soft foods (%) 16 (2006)  
Vitamin A supplementation (two dose coverage, %) 62 (2009)

### Underweight and stunting prevalence

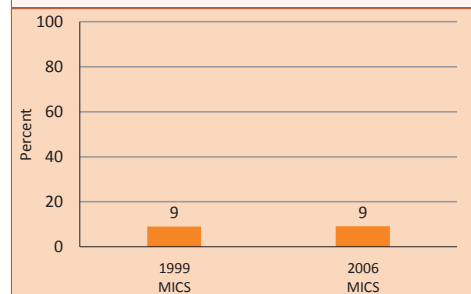
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

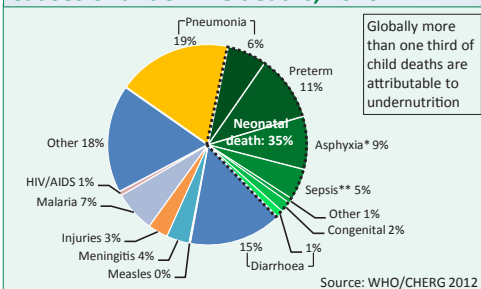
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



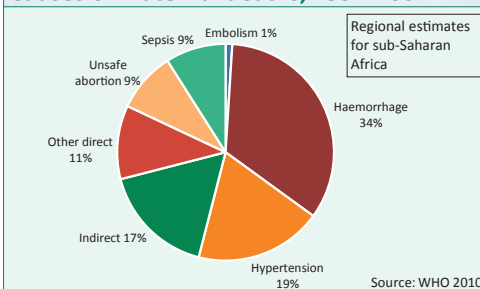
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



Globally more than one third of child deaths are attributable to undernutrition

### Causes of maternal deaths, 1997-2007



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

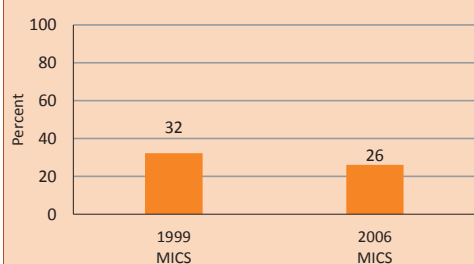
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	6	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	1	(2006)
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	64	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

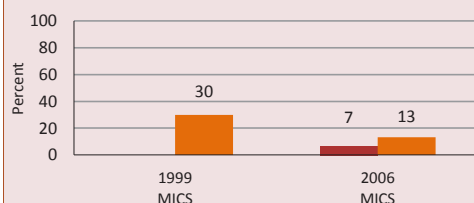
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	No	
Density of doctors, nurses and midwives (per 10,000 population)	1.5	(2006)
National availability of emergency obstetric care services (% of recommended minimum)	56	(2005)
Per capita total expenditure on health (Int\$)	935	(2010)
General government expenditure on health as % of total government expenditure (%)	-	-
Out-of-pocket expenditure as % of total expenditure on health (%)	-	-
Official development assistance to child health per child (US\$)	22	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	33	(2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

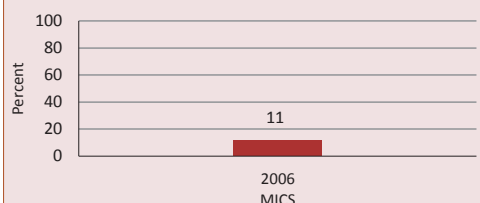
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

■ Percent of children <5 years sleeping under ITNs

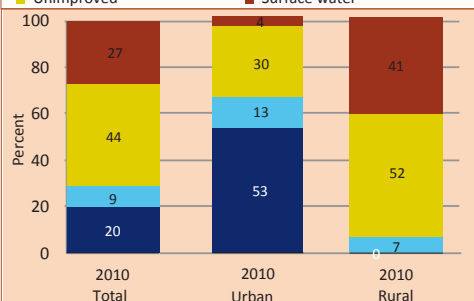


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 2010\*

■ Piped on premises ■ Other improved ■ Unimproved ■ Surface water



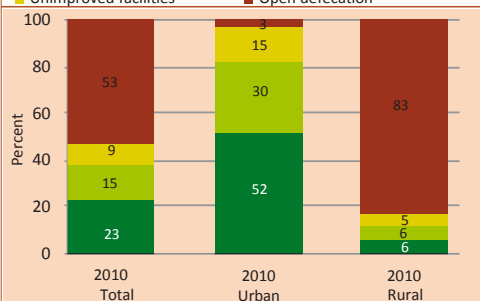
Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*

■ Improved facilities ■ Shared facilities ■ Unimproved facilities ■ Open defecation



Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

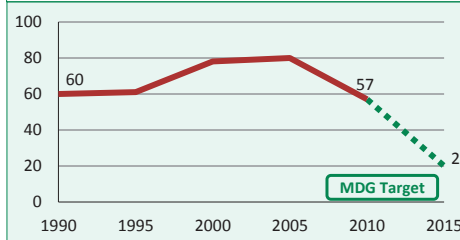


## DEMOGRAPHICS

Total population (000)	50,133	(2010)
Total under-five population (000)	5,041	(2010)
Births (000)	1,059	(2010)
Birth registration (%)	92	(2008)
Total under-five deaths (000)	58	(2010)
Neonatal deaths: % of all under-5 deaths	32	(2010)
Neonatal mortality rate (per 1000 live births)	18	(2010)
Infant mortality rate (per 1000 live births)	41	(2010)
Stillbirth rate (per 1000 total births)	20	(2009)
Total maternal deaths	3,200	(2010)
Lifetime risk of maternal death (1 in N)	140	(2010)
Total fertility rate (per woman)	2.5	(2010)
Adolescent birth rate (per 1000 women)	54	(2007)

### Under-five mortality rate

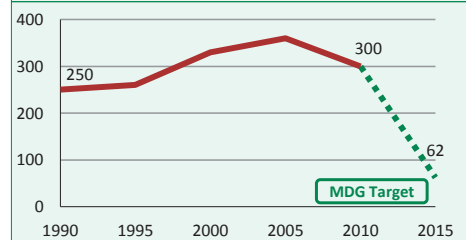
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

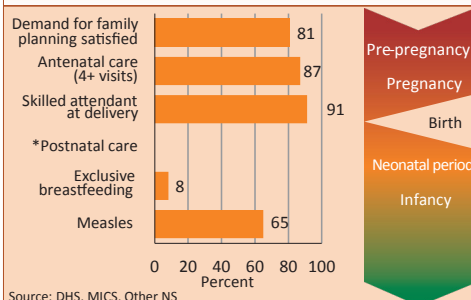


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

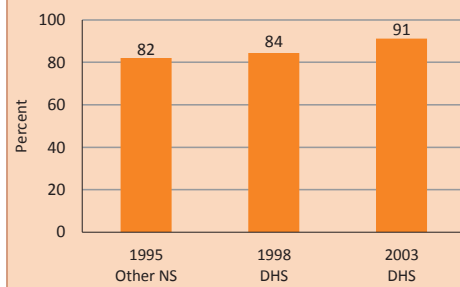


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

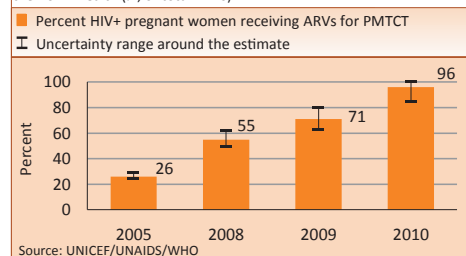
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

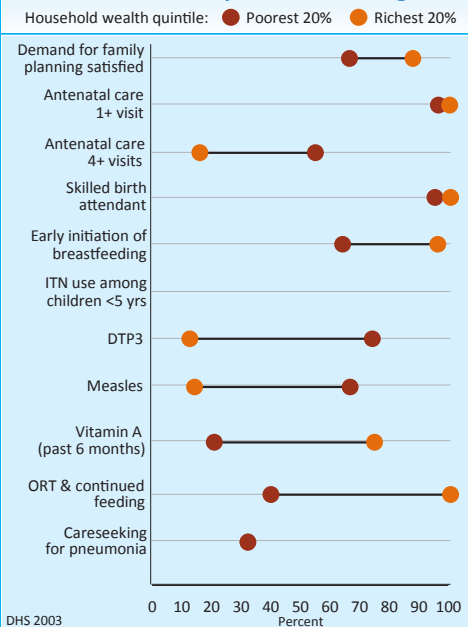
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 32 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

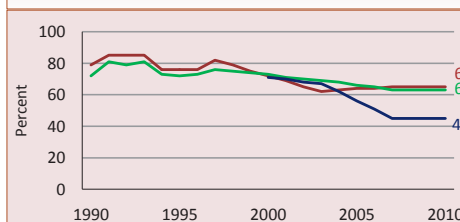


DHS 2003  
Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

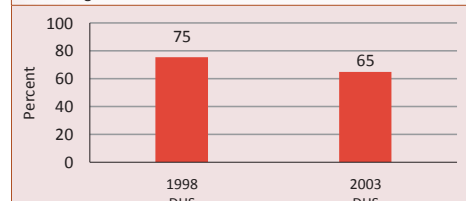
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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

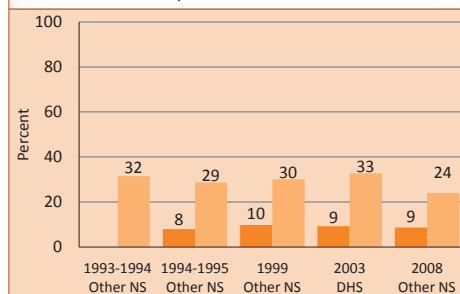


## NUTRITION

Wasting prevalence (moderate and severe, %)	5	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	61	(2003)
Low birthweight incidence (moderate and severe, %)	15	(1998)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	39	(2008)

### Underweight and stunting prevalence

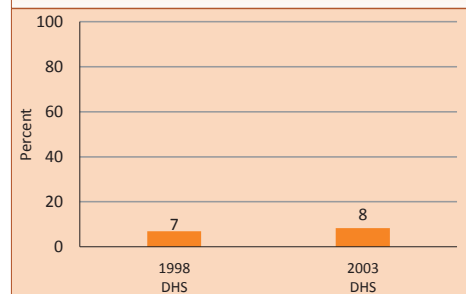
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

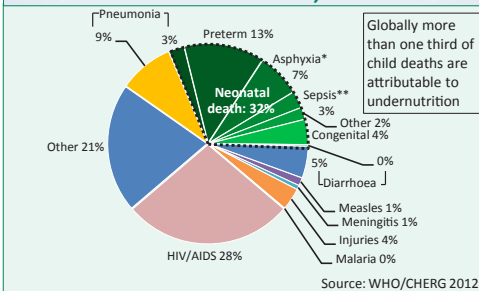
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



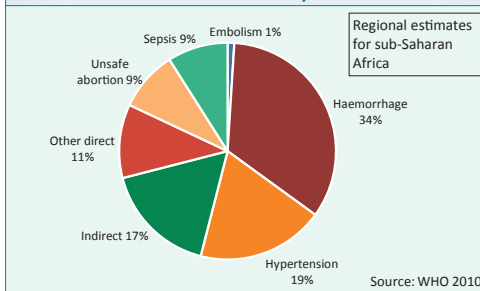
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



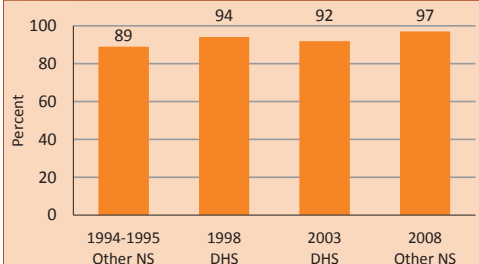
## POLICIES

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Yes
International Code of Marketing of Breastmilk Substitutes	Partial
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	No
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	Yes
Pneumococcal vaccine	Yes

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



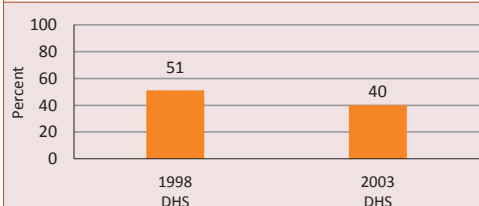
Demand for family planning satisfied (%)	81	(2003)
Antenatal care (4 or more visits, %)	87	(2008)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	21, 24, 15	(2003)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	77	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

### Diarrhoeal disease treatment

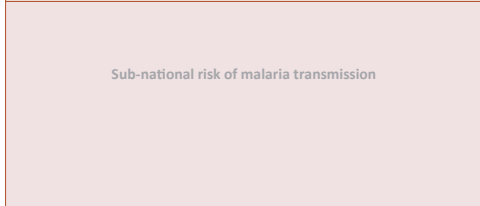
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

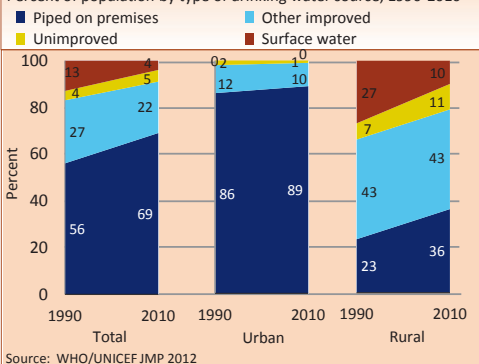
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

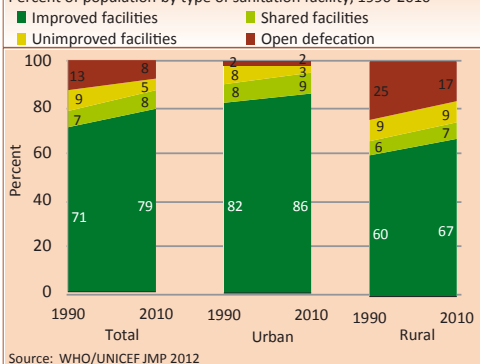
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	48.5 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	-
General government expenditure on health as % of total government expenditure (%)	12 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	17 (2010)
Official development assistance to child health per child (US\$)	4 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	5 (2009)

## DEMOGRAPHICS

Total population (000)	-
Total under-five population (000)	-
Births (000)	-
Birth registration (%)	-
Total under-five deaths (000)	-
Neonatal deaths: % of all under-5 deaths	-
Neonatal mortality rate (per 1000 live births)	-
Infant mortality rate (per 1000 live births)	-
Stillbirth rate (per 1000 total births)	-
Total maternal deaths	-
Lifetime risk of maternal death (1 in N)	-
Total fertility rate (per woman)	-
Adolescent birth rate (per 1000 women)	-

### Under-five mortality rate

Deaths per 1,000 live births

No Data

Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

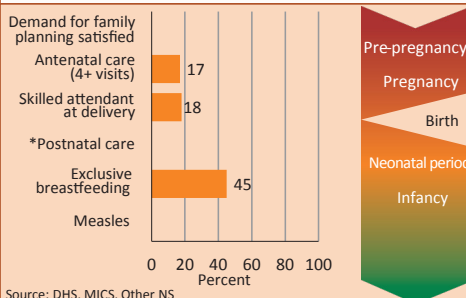
No Data

Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

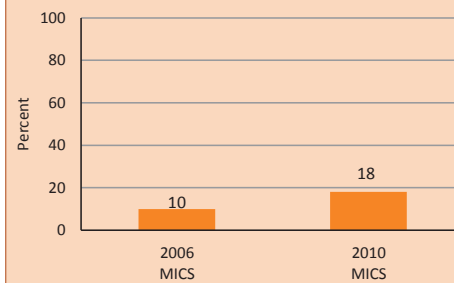


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
□ Uncertainty range around the estimate

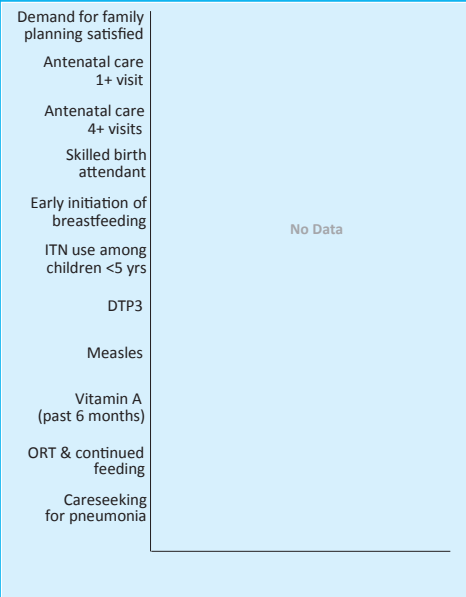
No Data

Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



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.

## CHILD HEALTH

### Immunization

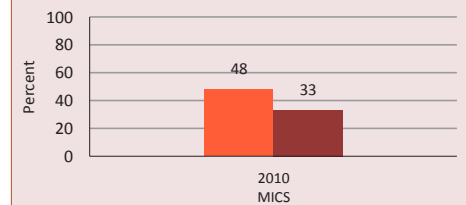
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib

No Data

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

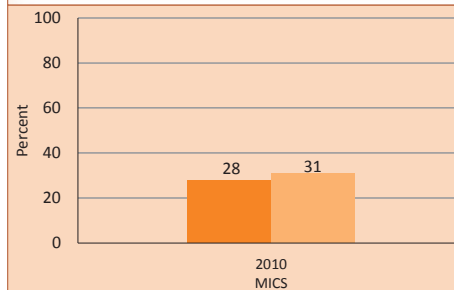


## NUTRITION

Wasting prevalence (moderate and severe, %)	23	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	-	-
Low birthweight incidence (moderate and severe, %)	-	-	Introduction of solid, semi-solid/soft foods (%)	21	(2010)
			Vitamin A supplementation (two dose coverage, %)	-	-

### Underweight and stunting prevalence

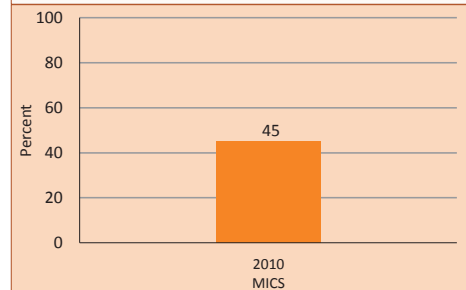
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

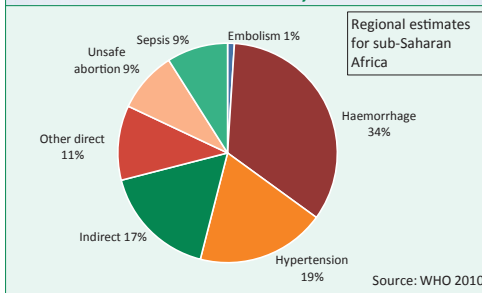


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007



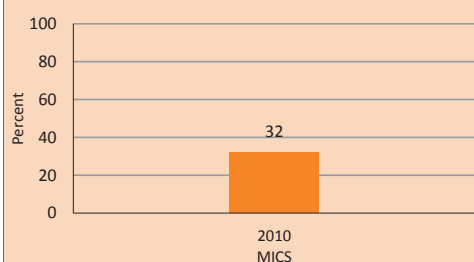
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	17	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	13	(2009)
C-section rate (total, urban, rural; %) (Minimum target is 5% and maximum target is 15%)	1, 1, 0	(2010)
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

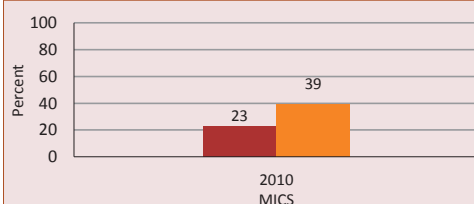
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	-
Density of doctors, nurses and midwives (per 10,000 population)	-
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (US\$)	141 (2010)
General government expenditure on health as % of total government expenditure (%)	-
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	-
Official development assistance to maternal and neonatal health per live birth (US\$)	-

## CHILD HEALTH

### Diarrhoeal disease treatment

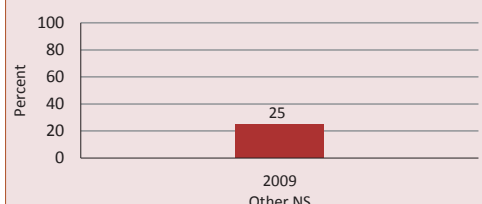
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

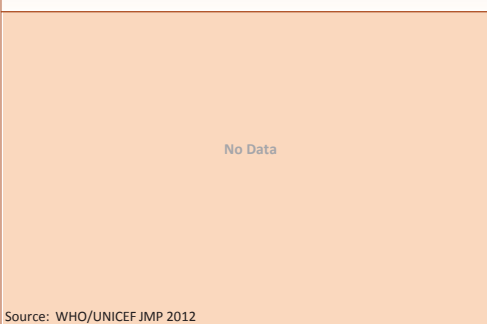
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

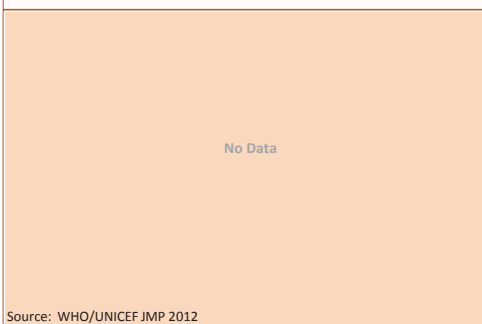
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## DEMOGRAPHICS

Total population (000)	-
Total under-five population (000)	-
Births (000)	-
Birth registration (%)	-
Total under-five deaths (000)	-
Neonatal deaths: % of all under-5 deaths	-
Neonatal mortality rate (per 1000 live births)	-
Infant mortality rate (per 1000 live births)	-
Stillbirth rate (per 1000 total births)	-
Total maternal deaths	-
Lifetime risk of maternal death (1 in N)	-
Total fertility rate (per woman)	-
Adolescent birth rate (per 1000 women)	-

### Under-five mortality rate

Deaths per 1,000 live births

No Data

Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

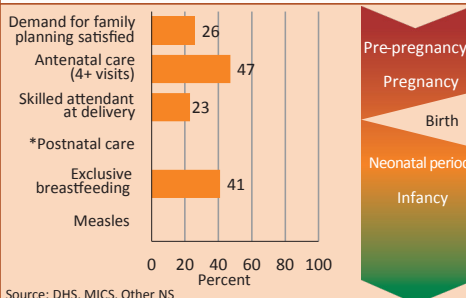
No Data

Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

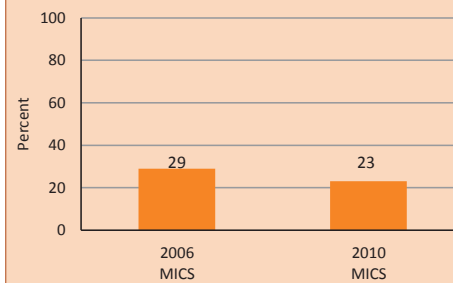


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
□ Uncertainty range around the estimate

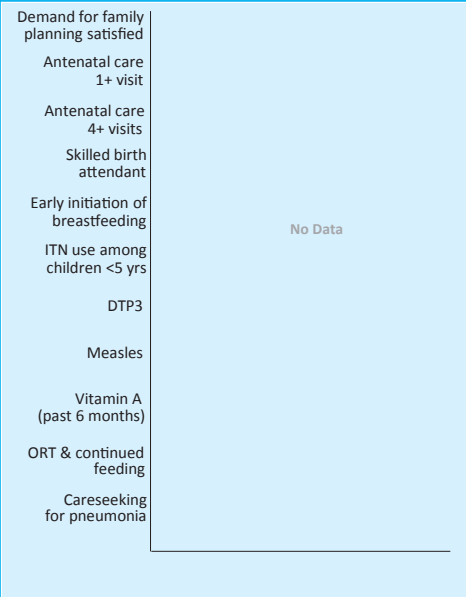
No Data

Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%



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.

## CHILD HEALTH

### Immunization

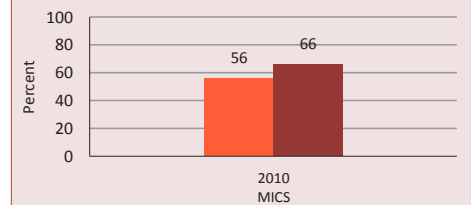
■ Percent of children immunized against measles  
■ Percent of children immunized with 3 doses DTP  
■ Percent of children immunized with 3 doses Hib

No Data

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

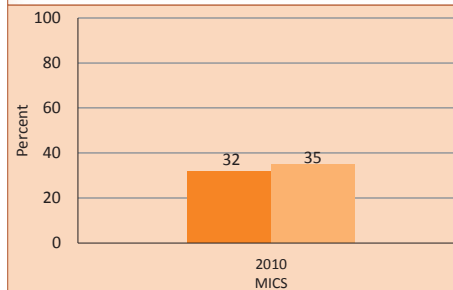


## NUTRITION

Wasting prevalence (moderate and severe, %)	16	(2010)	Early initiation of breastfeeding (within 1 hr of birth, %)	73	(2010)
Low birthweight incidence (moderate and severe, %)	-	-	Introduction of solid, semi-solid/soft foods (%)	51	(2010)
			Vitamin A supplementation (two dose coverage, %)	-	-

### Underweight and stunting prevalence

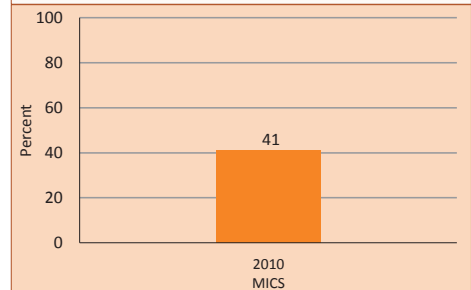
■ Percent children <5 years who are underweight  
■ Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

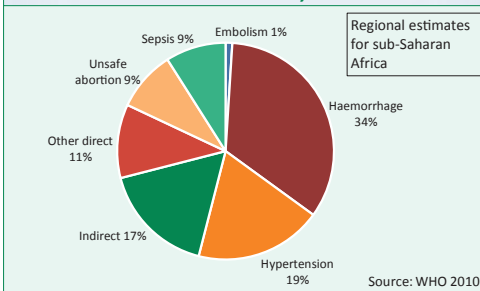


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

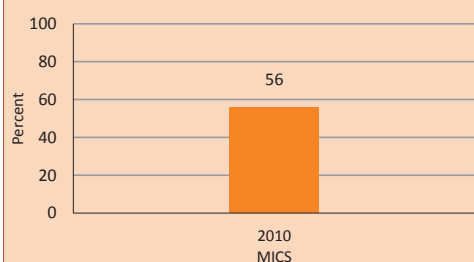
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	47	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	-	-
C-section rate (total, urban, rural; %) (Minimum target is 5% and maximum target is 15%)	7, 12, 5	(2010)
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

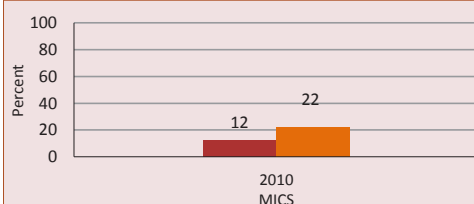
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	11.2 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	35 (2005)
Per capita total expenditure on health (Int\$)	333 (2010)
General government expenditure on health as % of total government expenditure (%)	10 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	67 (2010)
Official development assistance to child health per child (US\$)	14 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	24 (2009)

## CHILD HEALTH

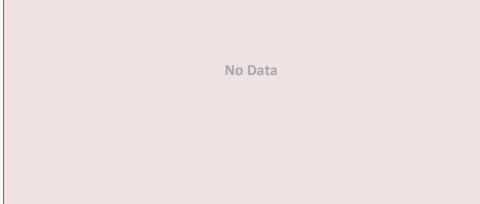
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

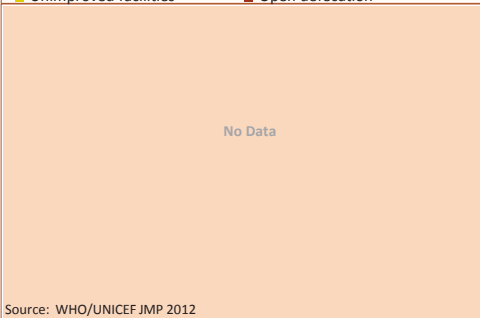
- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



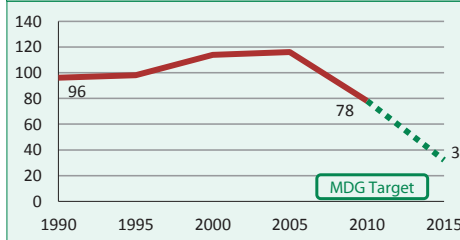


## DEMOGRAPHICS

Total population (000)	1,186	(2010)
Total under-five population (000)	157	(2010)
Births (000)	35	(2010)
Birth registration (%)	30	(2006-2007)
Total under-five deaths (000)	3	(2010)
Neonatal deaths: % of all under-5 deaths	29	(2010)
Neonatal mortality rate (per 1000 live births)	21	(2010)
Infant mortality rate (per 1000 live births)	55	(2010)
Stillbirth rate (per 1000 total births)	18	(2009)
Total maternal deaths	110	(2010)
Lifetime risk of maternal death (1 in N)	95	(2010)
Total fertility rate (per woman)	3.4	(2010)
Adolescent birth rate (per 1000 women)	111	(2004)

### Under-five mortality rate

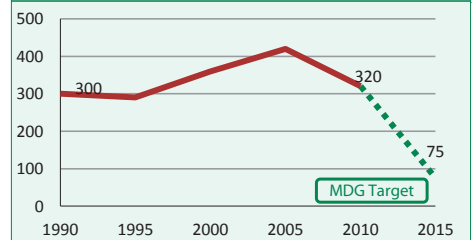
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

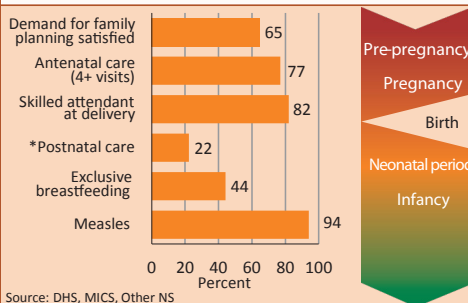


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

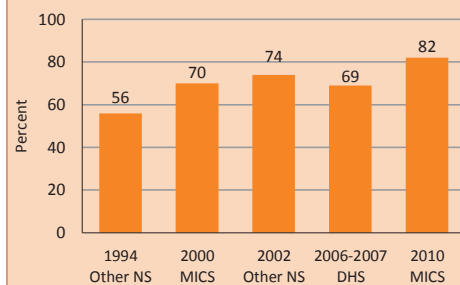


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

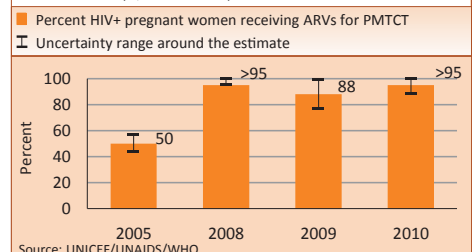
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

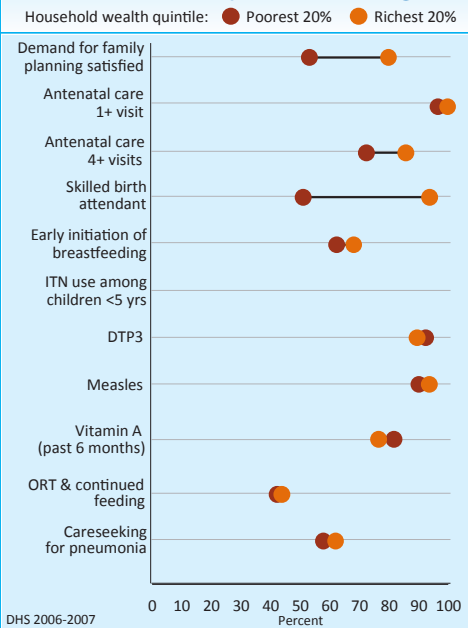
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 31 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

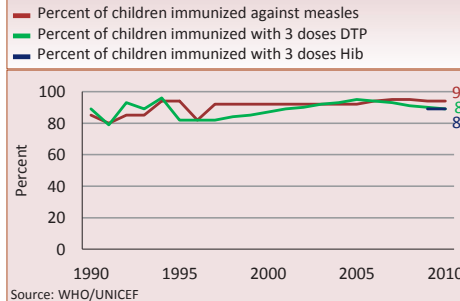
### Socioeconomic inequities in coverage



DHS 2006-2007  
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.

## CHILD HEALTH

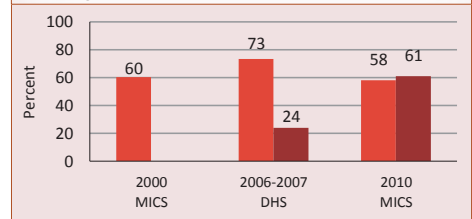
### Immunization



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

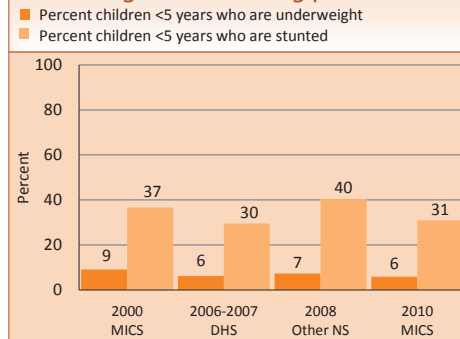


## NUTRITION

Wasting prevalence (moderate and severe, %)	1	(2010)
Low birthweight incidence (moderate and severe, %)	9	(2008)

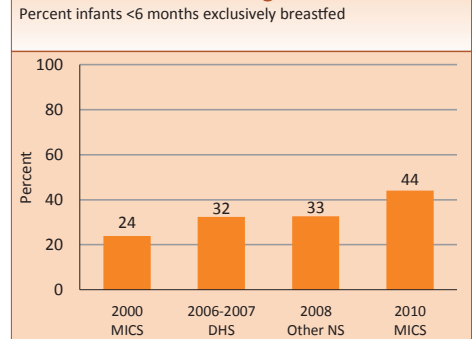
Early initiation of breastfeeding (within 1 hr of birth, %)	44	(2008)
Introduction of solid, semi-solid/soft foods (%)	-	-
Vitamin A supplementation (two dose coverage, %)	38	(2010)

### Underweight and stunting prevalence



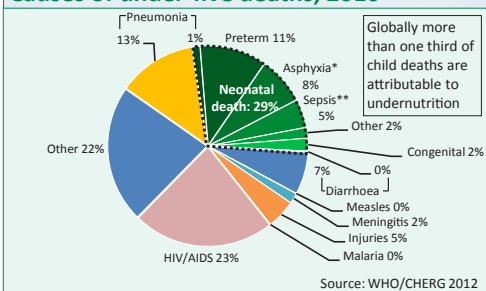
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding



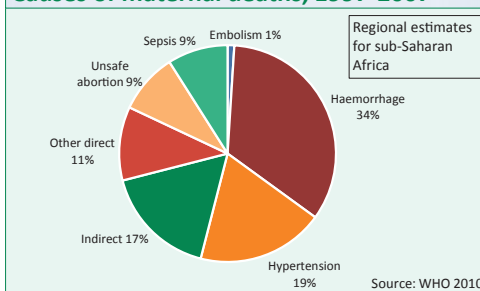
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

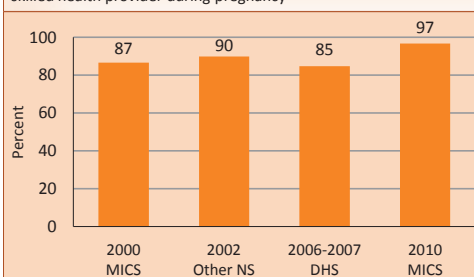
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

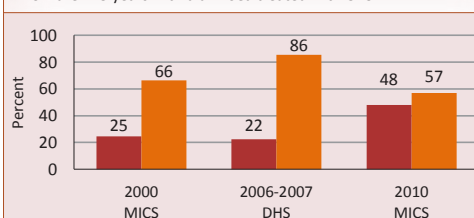


Demand for family planning satisfied (%)	65	(2006 -2007)
Antenatal care (4 or more visits, %)	77	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	1	(2010)
C-section rate (total, urban, rural; %)	12, 12, 13	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	86	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	22	(2006 -2007)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	2	(2006 -2007)

## CHILD HEALTH

### Diarrhoeal disease treatment

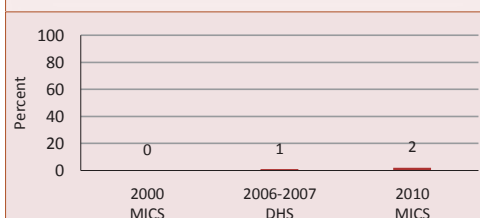
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

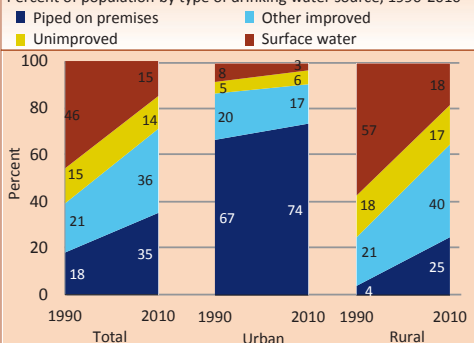
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

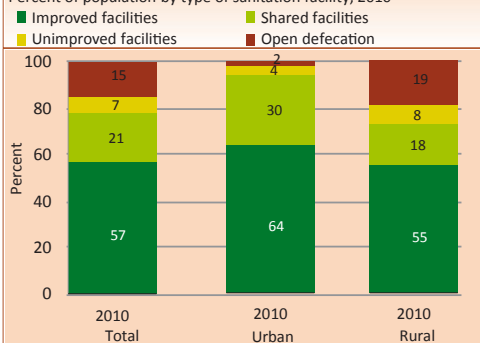
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 2010\*



\*Insufficient data for generating a trend graph.

## POLICIES

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

## SYSTEMS AND FINANCING

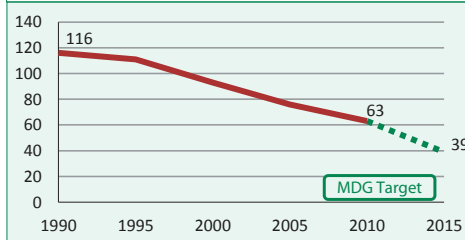
Costed national implementation plan(s) for maternal, newborn and child health available	No	
Density of doctors, nurses and midwives (per 10,000 population)	64.6	(2004)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	128	(2010)
General government expenditure on health as % of total government expenditure (%)	10	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	15	(2010)
Official development assistance to child health per child (US\$)	19	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	33	(2009)

## DEMOGRAPHICS

Total population (000)	6,879	(2010)
Total under-five population (000)	871	(2010)
Births (000)	192	(2010)
Birth registration (%)	88	(2005)
Total under-five deaths (000)	12	(2010)
Neonatal deaths: % of all under-5 deaths	41	(2010)
Neonatal mortality rate (per 1000 live births)	25	(2010)
Infant mortality rate (per 1000 live births)	52	(2010)
Stillbirth rate (per 1000 total births)	12	(2009)
Total maternal deaths	130	(2010)
Lifetime risk of maternal death (1 in N)	430	(2010)
Total fertility rate (per woman)	3.3	(2010)
Adolescent birth rate (per 1000 women)	27	(2005)

### Under-five mortality rate

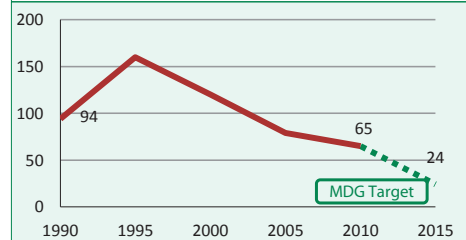
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

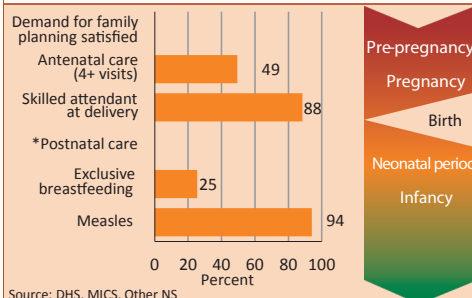


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

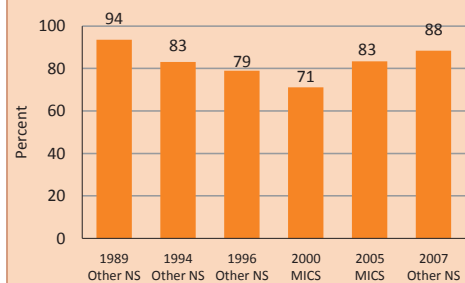


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

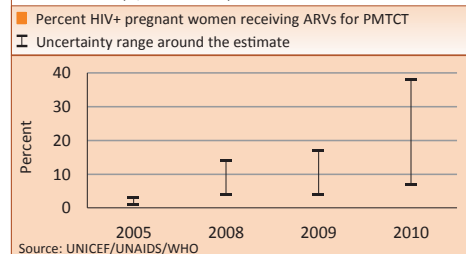
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

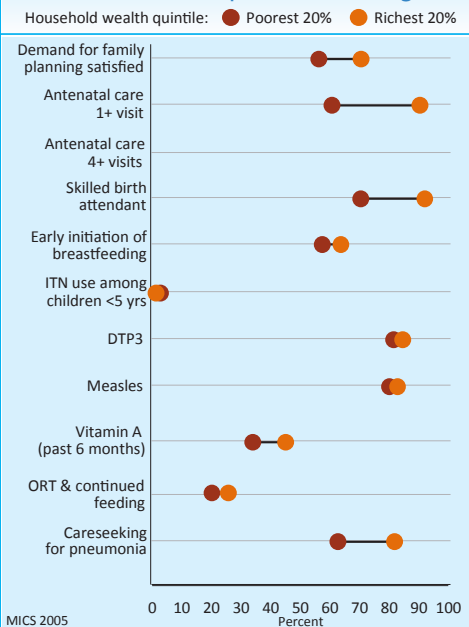
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 41 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

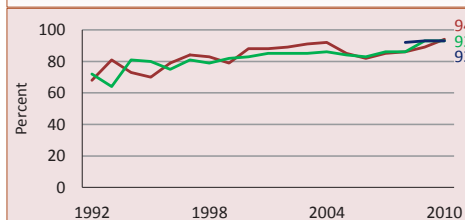


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

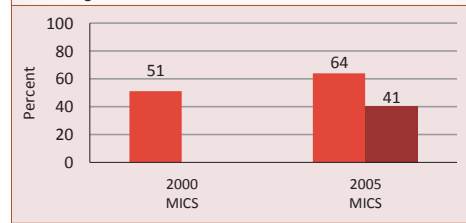
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



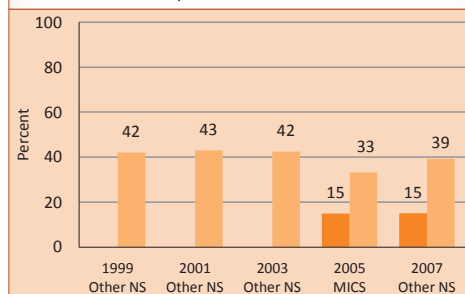
## NUTRITION

Wasting prevalence (moderate and severe, %) 7 (2007)  
Low birthweight incidence (moderate and severe, %) 10 (2005)

Early initiation of breastfeeding (within 1 hr of birth, %) 57 (2009)  
Introduction of solid, semi-solid/soft foods (%) -  
Vitamin A supplementation (two dose coverage, %) 95 (2010)

### Underweight and stunting prevalence

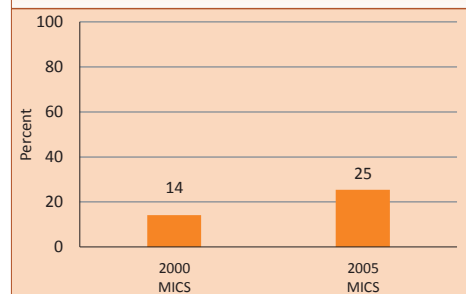
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

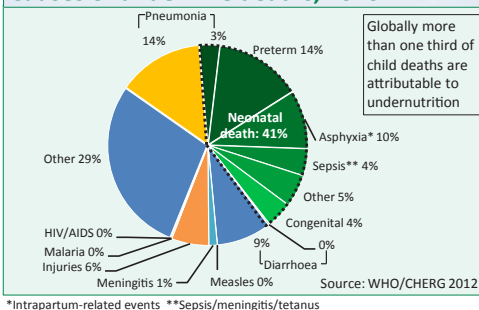
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

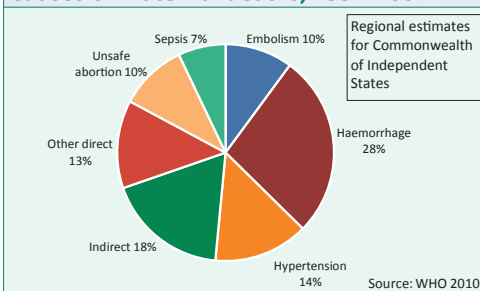


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



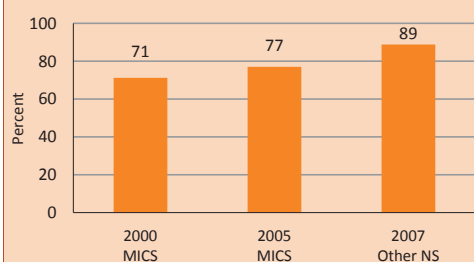
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



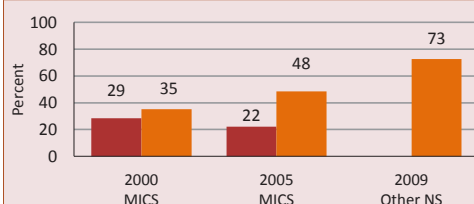
Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	49	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	-	-
(Minimum target is 5% and maximum target is 15%)	-	-
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

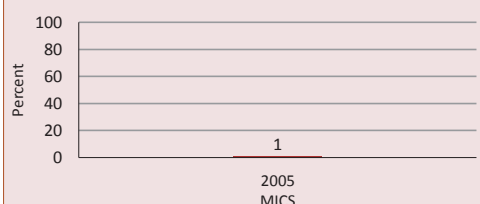
### Diarrhoeal disease treatment

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



### Malaria prevention and treatment

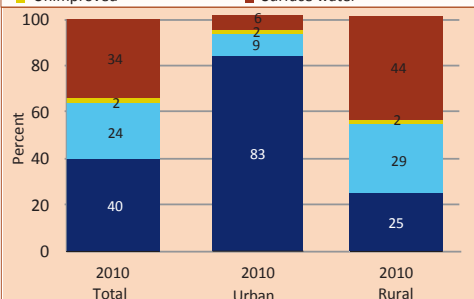
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

### Improved drinking water coverage

- Piped on premises
- Other improved
- Unimproved
- Surface water

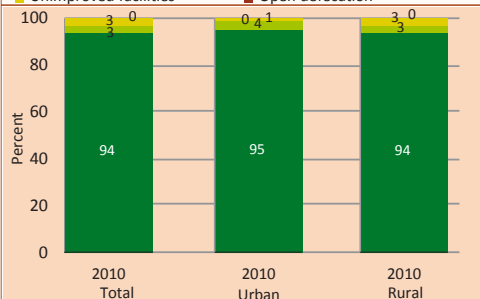


Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

### Improved sanitation coverage

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

\*Insufficient data for generating a trend graph.

## POLICIES

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Partial
International Code of Marketing of Breastmilk Substitutes	Partial
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	-

## SYSTEMS AND FINANCING

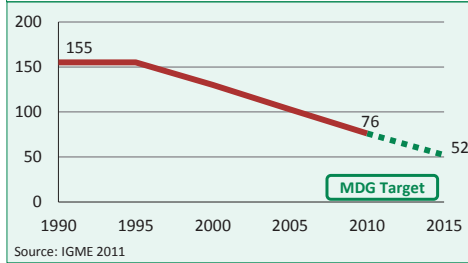
Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	74.0	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	86	(2005)
Per capita total expenditure on health (Int\$)	77	(2010)
General government expenditure on health as % of total government expenditure (%)	6	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	67	(2010)
Official development assistance to child health per child (US\$)	11	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	20	(2009)

## DEMOGRAPHICS

Total population (000)	44,841	(2010)
Total under-five population (000)	8,010	(2010)
Births (000)	1,862	(2010)
Birth registration (%)	16	(2010)
Total under-five deaths (000)	133	(2010)
Neonatal deaths: % of all under-5 deaths	36	(2010)
Neonatal mortality rate (per 1000 live births)	26	(2010)
Infant mortality rate (per 1000 live births)	50	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	8,500	(2010)
Lifetime risk of maternal death (1 in N)	38	(2010)
Total fertility rate (per woman)	5.5	(2010)
Adolescent birth rate (per 1000 women)	116	(2009)

### Under-five mortality rate

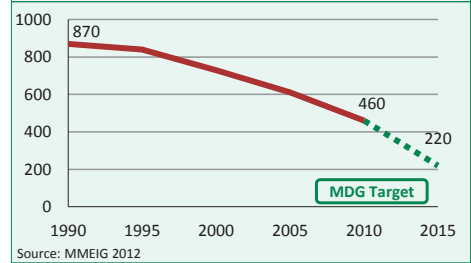
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

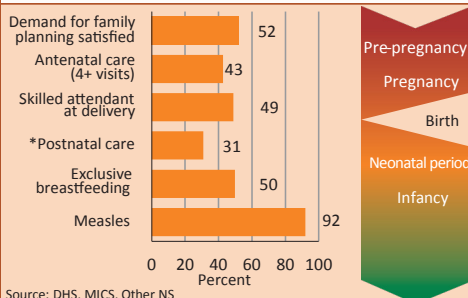


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

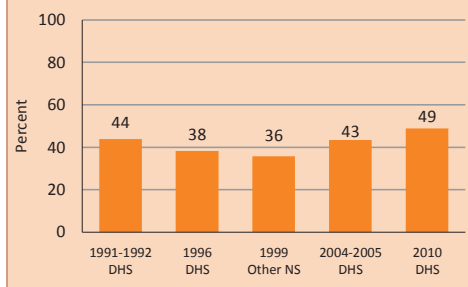


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

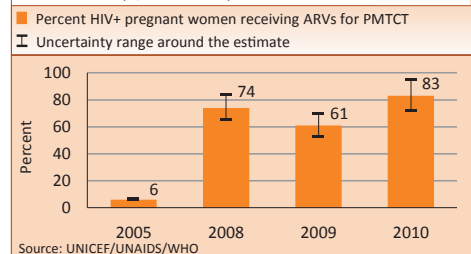
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

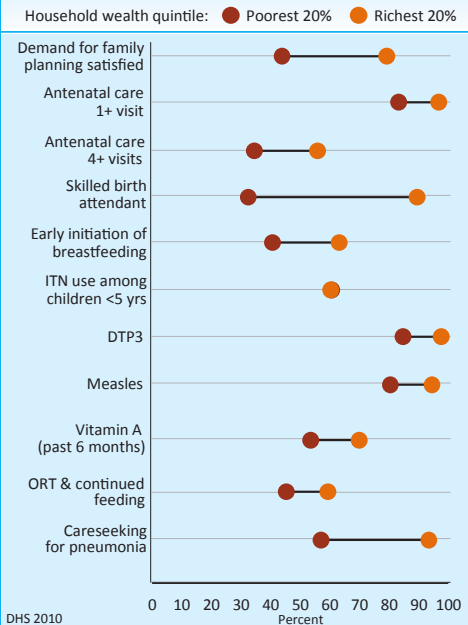
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 17 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

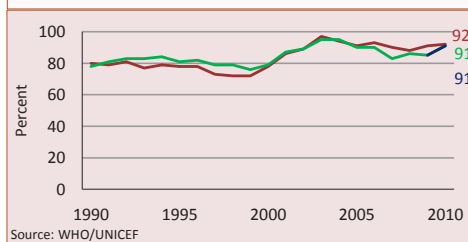


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

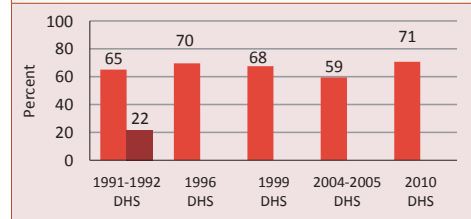
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



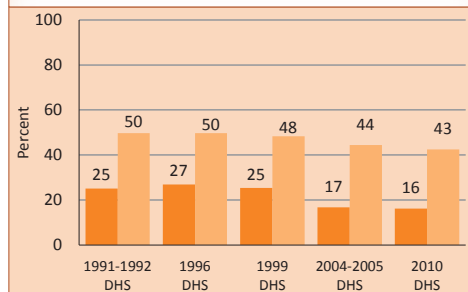
## NUTRITION

Wasting prevalence (moderate and severe, %) 5 (2010)  
Low birthweight incidence (moderate and severe, %) 10 (2004-2005)

Early initiation of breastfeeding (within 1 hr of birth, %) 49 (2010)  
Introduction of solid, semi-solid/soft foods (%) 92 (2010)  
Vitamin A supplementation (two dose coverage, %) 99 (2010)

### Underweight and stunting prevalence

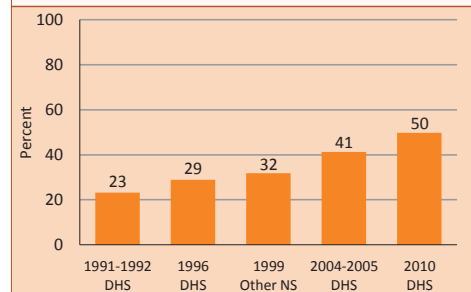
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

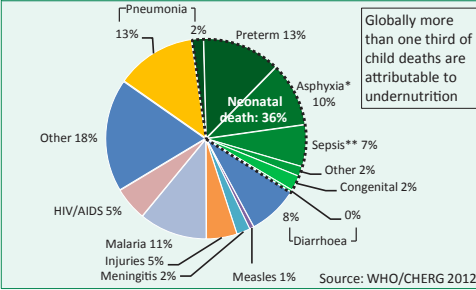
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

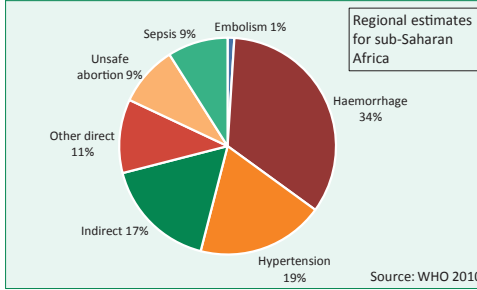


**DEMOGRAPHICS**

**Causes of under-five deaths, 2010**



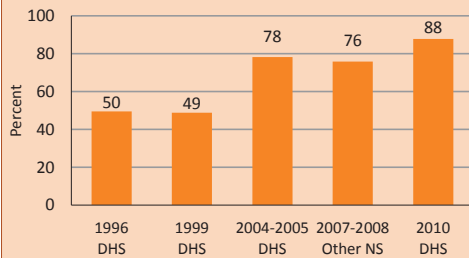
**Causes of maternal deaths, 1997-2007**



**MATERNAL AND NEWBORN HEALTH**

**Antenatal care**

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

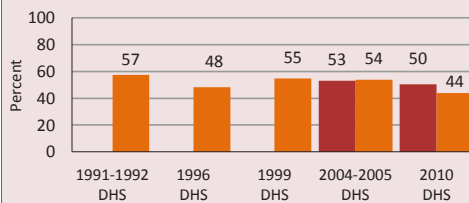


Demand for family planning satisfied (%)	52	(2010)
Antenatal care (4 or more visits, %)	43	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	26	(2010)
C-section rate (total, urban, rural; %)	5, 10, 3	(2010)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	83	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	31	(2010)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	10	(2010)

**CHILD HEALTH**

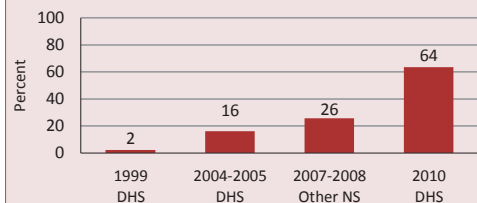
**Diarrhoeal disease treatment**

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



**Malaria prevention and treatment**

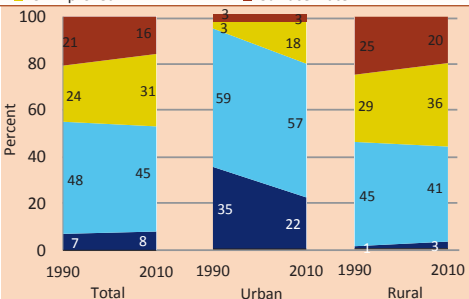
- Percent of children receiving first line treatment among those receiving any antimalarial
- Percent of children <5 years sleeping under ITNs



**WATER AND SANITATION**

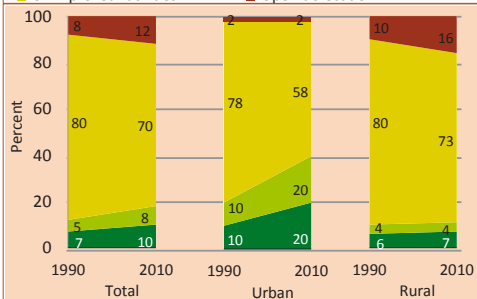
**Improved drinking water coverage**

- Piped on premises
- Other improved
- Unimproved
- Surface water



**Improved sanitation coverage**

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



**POLICIES**

Maternity protection in accordance with Convention 183	No
Specific notification of maternal deaths	Yes
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	No
Community treatment of pneumonia with antibiotics	No
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	Partial

**SYSTEMS AND FINANCING**

Costed national implementation plan(s) for maternal, newborn and child health available	Yes	
Density of doctors, nurses and midwives (per 10,000 population)	2.5	(2006)
National availability of emergency obstetric care services (% of recommended minimum)	21	(2005)
Per capita total expenditure on health (Int\$)	184	(2010)
General government expenditure on health as % of total government expenditure (%)	14	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	14	(2010)
Official development assistance to child health per child (US\$)	16	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	23	(2009)

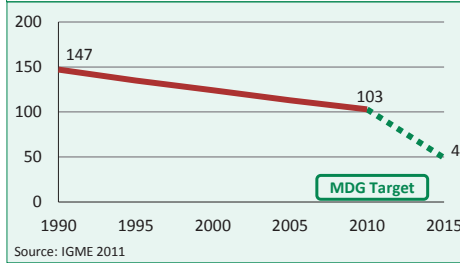


## DEMOGRAPHICS

Total population (000)	6,028	(2010)
Total under-five population (000)	863	(2010)
Births (000)	193	(2010)
Birth registration (%)	78	(2010)
Total under-five deaths (000)	19	(2010)
Neonatal deaths: % of all under-5 deaths	32	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	66	(2010)
Stillbirth rate (per 1000 total births)	25	(2009)
Total maternal deaths	580	(2010)
Lifetime risk of maternal death (1 in N)	80	(2010)
Total fertility rate (per woman)	4.1	(2010)
Adolescent birth rate (per 1000 women)	89	(1996)

### Under-five mortality rate

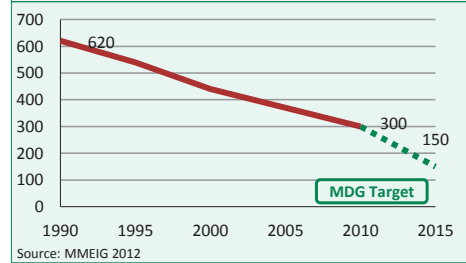
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

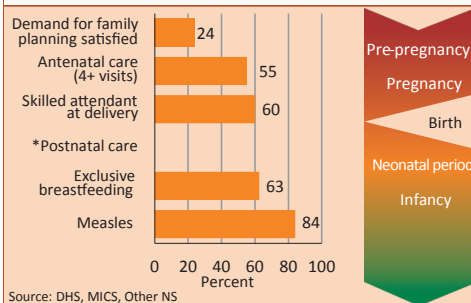


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

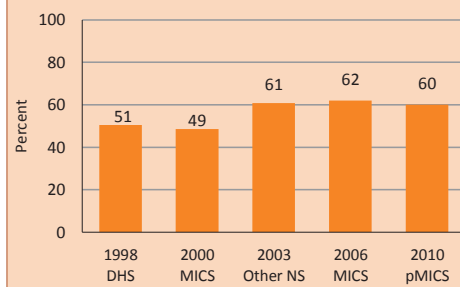


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

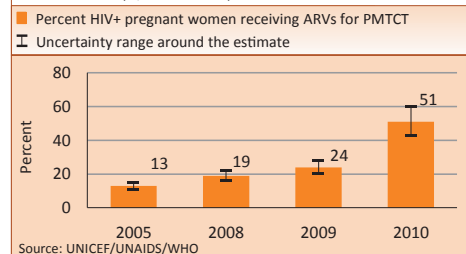
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

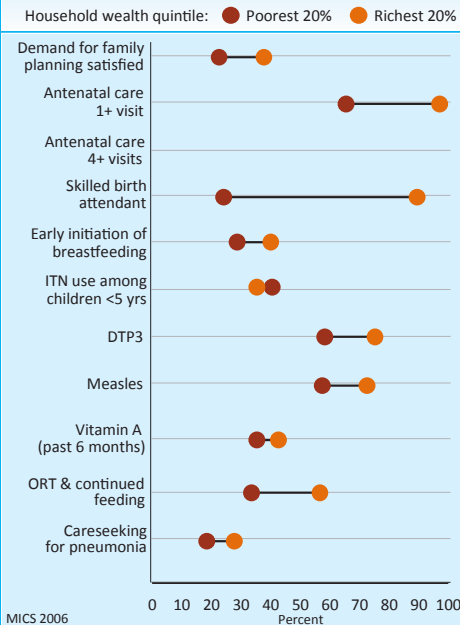
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 24 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

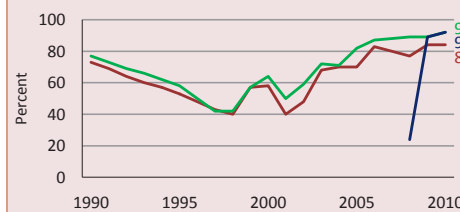


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

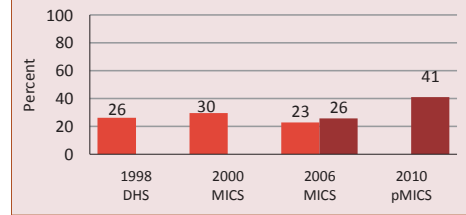
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



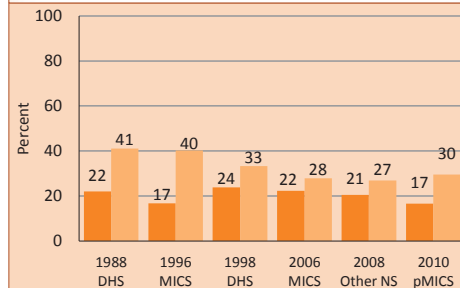
## NUTRITION

Wasting prevalence (moderate and severe, %)	5	(2010)
Low birthweight incidence (moderate and severe, %)	11	(2010)

Early initiation of breastfeeding (within 1 hr of birth, %)	36	(2006)
Introduction of solid, semi-solid/soft foods (%)	44	(2010)
Vitamin A supplementation (two dose coverage, %)	100	(2010)

### Underweight and stunting prevalence

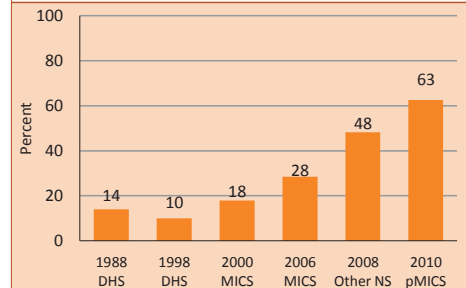
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

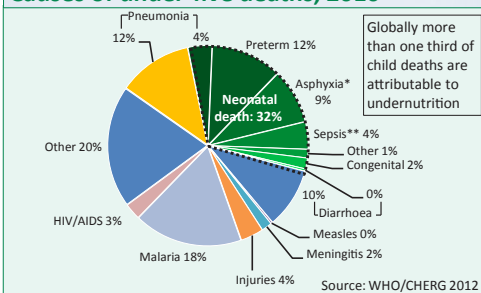
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



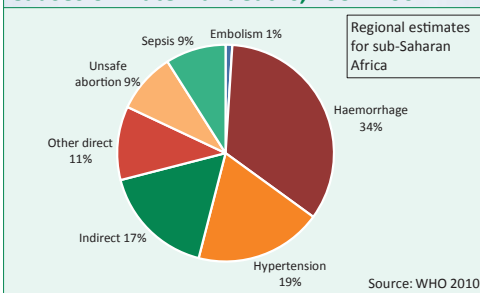
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

### Causes of maternal deaths, 1997-2007



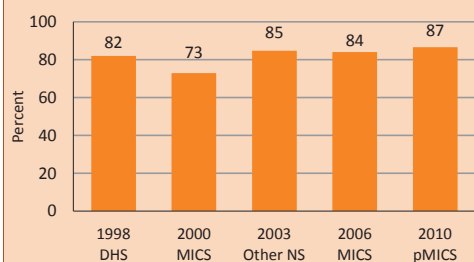
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	24	(2006)
Antenatal care (4 or more visits, %)	55	(2010)
Malaria during pregnancy - intermittent preventive treatment (%)	18	(2006)
C-section rate (total, urban, rural; %)	2, 5, 1	(1998)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	81	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

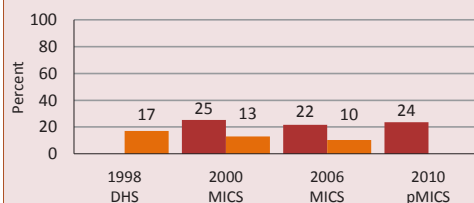
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	3.2 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	199 (2010)
General government expenditure on health as % of total government expenditure (%)	15 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	47 (2010)
Official development assistance to child health per child (US\$)	15 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	9 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

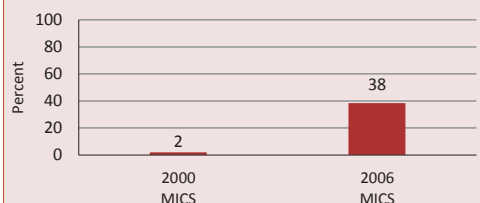
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

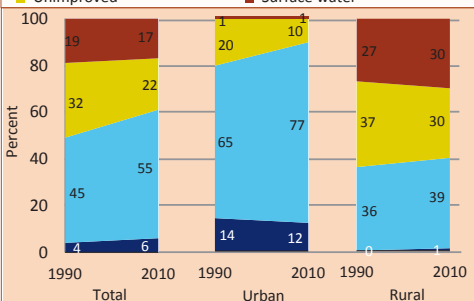


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

- Piped on premises
- Other improved
- Unimproved
- Surface water

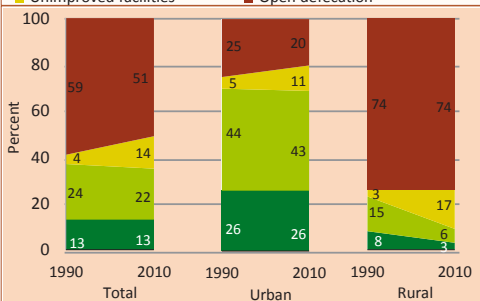


Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



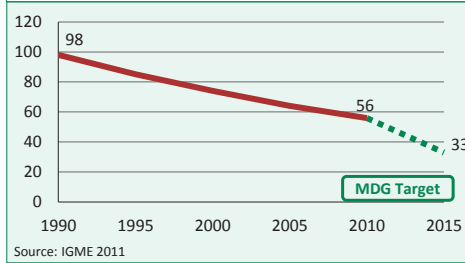
Source: WHO/UNICEF JMP 2012

## DEMOGRAPHICS

Total population (000)	5,042	(2010)
Total under-five population (000)	506	(2010)
Births (000)	109	(2010)
Birth registration (%)	96	(2006)
Total under-five deaths (000)	6	(2010)
Neonatal deaths: % of all under-5 deaths	44	(2010)
Neonatal mortality rate (per 1000 live births)	23	(2010)
Infant mortality rate (per 1000 live births)	47	(2010)
Stillbirth rate (per 1000 total births)	13	(2009)
Total maternal deaths	73	(2010)
Lifetime risk of maternal death (1 in N)	590	(2010)
Total fertility rate (per woman)	2.4	(2010)
Adolescent birth rate (per 1000 women)	21	(2006)

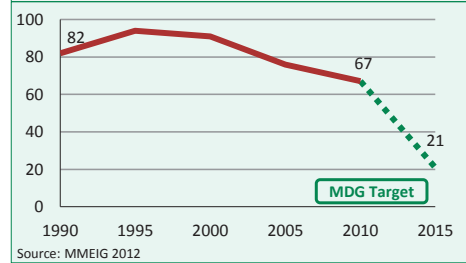
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

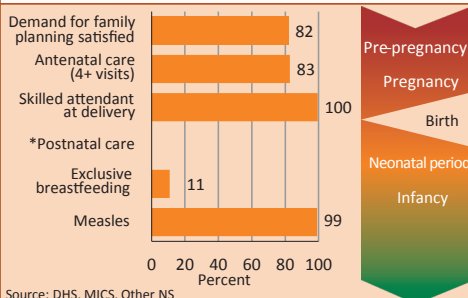
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

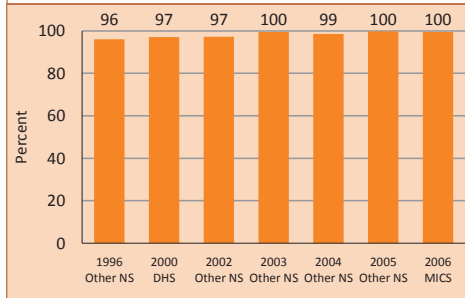
### Coverage along the continuum of care



\* See Annex/website for indicator definition

### Skilled attendant at delivery

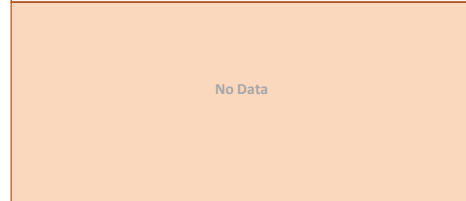
Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs)

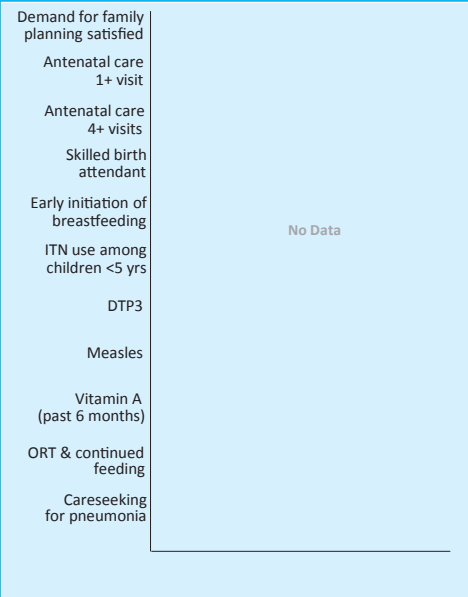
■ Percent HIV+ pregnant women receiving ARVs for PMTCT  
 ▭ Uncertainty range around the estimate



## EQUITY

### Socioeconomic inequities in coverage

Household wealth quintile: ● Poorest 20% ● Richest 20%

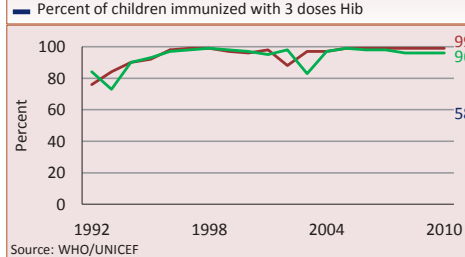


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

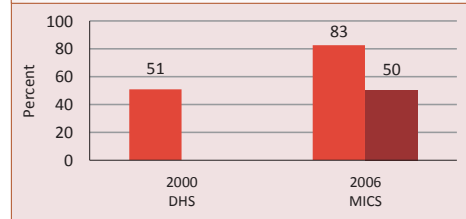
### Immunization

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



### Pneumonia treatment

■ Percent children <5 years with suspected pneumonia taken to appropriate health provider  
 ■ Percent children <5 years with suspected pneumonia receiving antibiotics



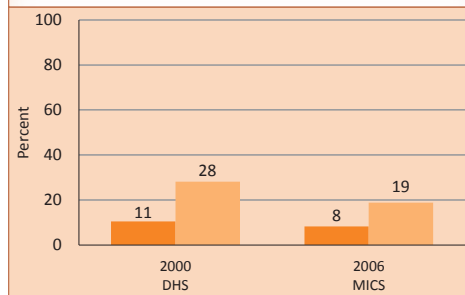
## NUTRITION

Wasting prevalence (moderate and severe, %) 7 (2006)  
 Low birthweight incidence (moderate and severe, %) 4 (2006)

Early initiation of breastfeeding (within 1 hr of birth, %) 60 (2006)  
 Introduction of solid, semi-solid/soft foods (%) - -  
 Vitamin A supplementation (two dose coverage, %) - -

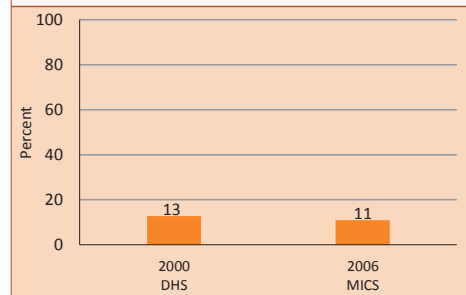
### Underweight and stunting prevalence

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



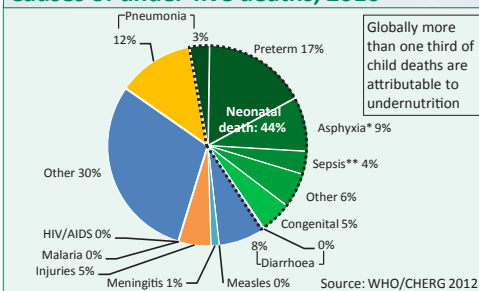
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

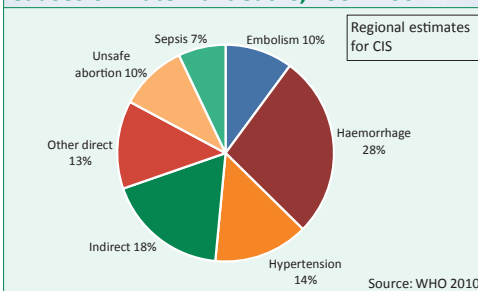


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



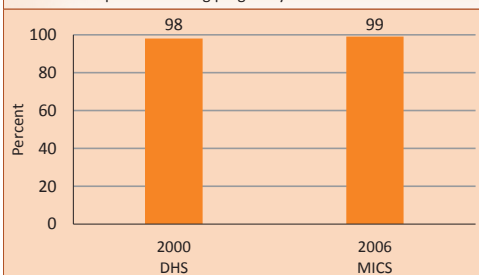
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



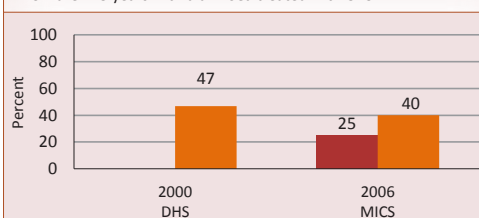
Demand for family planning satisfied (%)	82	(2000)
Antenatal care (4 or more visits, %)	83	(2000)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	3, 4, 2	(2000)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

### 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



### Malaria prevention and treatment

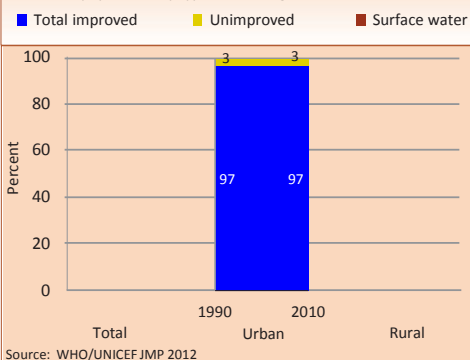
Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-

Very limited risk of malaria transmission

## WATER AND SANITATION

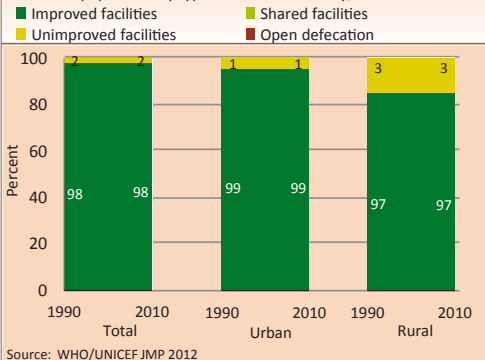
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010\*



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

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

## SYSTEMS AND FINANCING

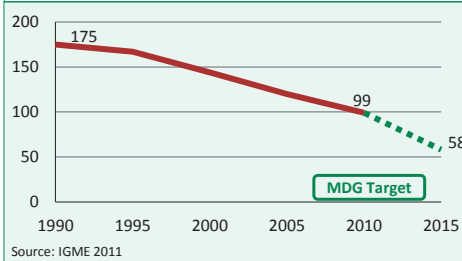
Costed national implementation plan(s) for maternal, newborn and child health available	Partial	
Density of doctors, nurses and midwives (per 10,000 population)	68.1	(2009)
National availability of emergency obstetric care services (% of recommended minimum)	-	-
Per capita total expenditure on health (Int\$)	124	(2010)
General government expenditure on health as % of total government expenditure (%)	10	(2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	41	(2010)
Official development assistance to child health per child (US\$)	1	(2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	5	(2009)

## DEMOGRAPHICS

Total population (000)	33,425	(2010)
Total under-five population (000)	6,465	(2010)
Births (000)	1,514	(2010)
Birth registration (%)	21	(2006)
Total under-five deaths (000)	141	(2010)
Neonatal deaths: % of all under-5 deaths	28	(2010)
Neonatal mortality rate (per 1000 live births)	26	(2010)
Infant mortality rate (per 1000 live births)	63	(2010)
Stillbirth rate (per 1000 total births)	25	(2009)
Total maternal deaths	4,700	(2010)
Lifetime risk of maternal death (1 in N)	49	(2010)
Total fertility rate (per woman)	6.1	(2010)
Adolescent birth rate (per 1000 women)	159	(2004)

### Under-five mortality rate

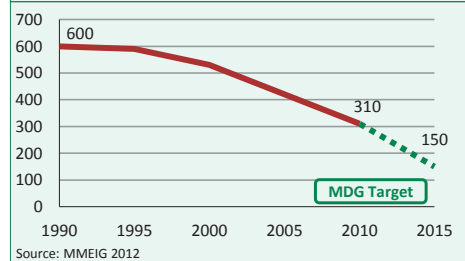
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

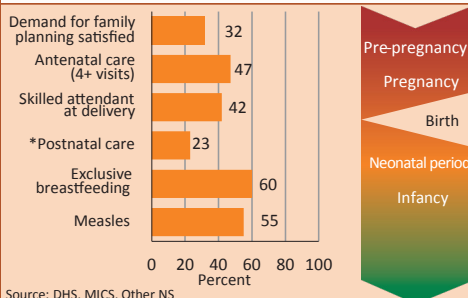


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

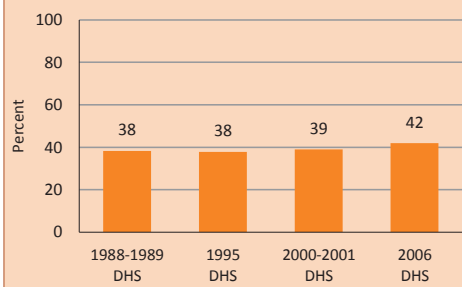


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

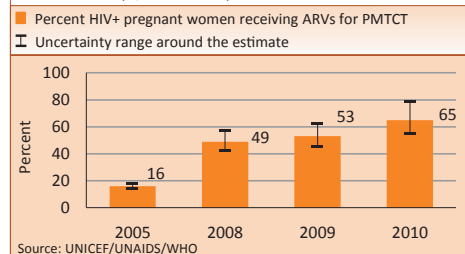
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

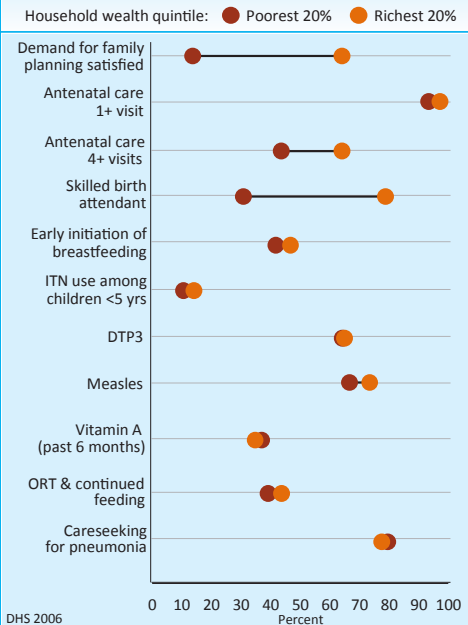
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 13 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

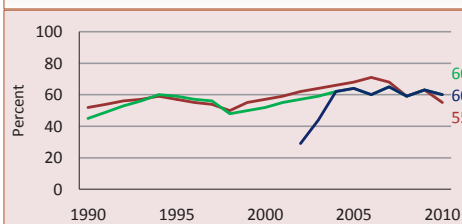


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

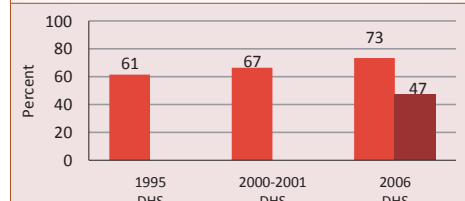
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



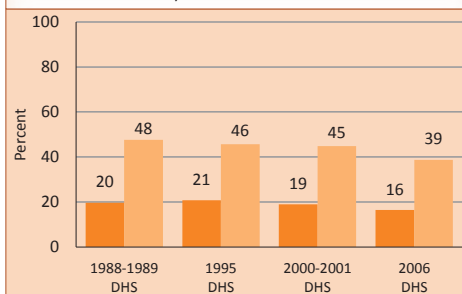
## NUTRITION

Wasting prevalence (moderate and severe, %)	6	(2006)
Low birthweight incidence (moderate and severe, %)	14	(2006)

Early initiation of breastfeeding (within 1 hr of birth, %)	42	(2006)
Introduction of solid, semi-solid/soft foods (%)	75	(2006)
Vitamin A supplementation (two dose coverage, %)	64	(2009)

### Underweight and stunting prevalence

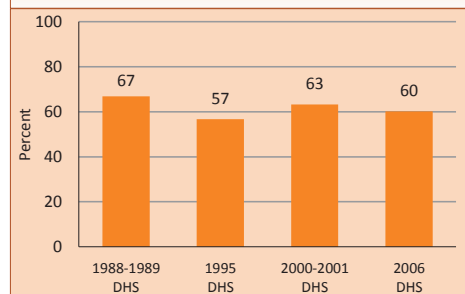
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

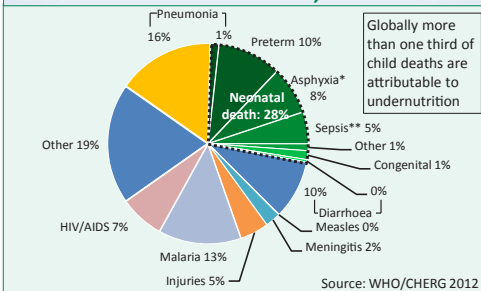
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed



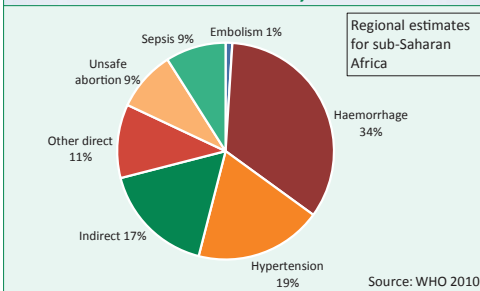
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

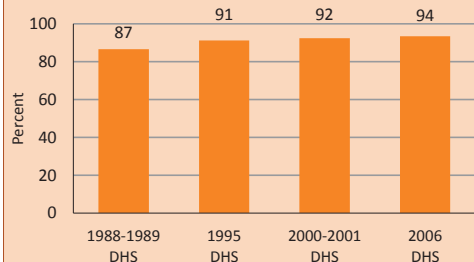
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

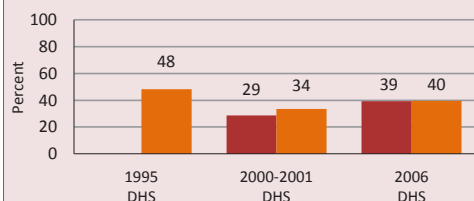


Demand for family planning satisfied (%)	32	(2006)
Antenatal care (4 or more visits, %)	47	(2006)
Malaria during pregnancy - intermittent preventive treatment (%)	32	(2009)
C-section rate (total, urban, rural; %)	3, 9, 2	(2006)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	85	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	23	(2006)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	12	(2006)

## CHILD HEALTH

### Diarrhoeal disease treatment

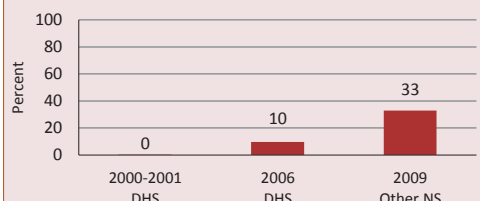
- Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding
- Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

- Percent of children <5 years sleeping under ITNs

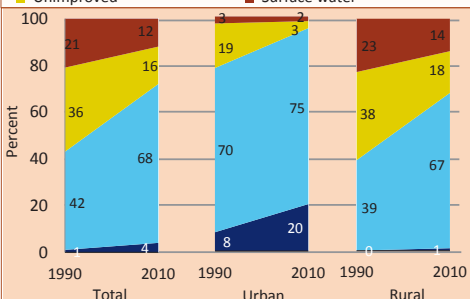


## WATER AND SANITATION

### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010

- Piped on premises
- Other improved
- Unimproved
- Surface water

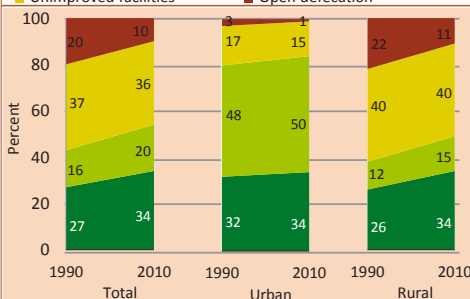


Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

## POLICIES

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

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	14.3 (2005)
National availability of emergency obstetric care services (% of recommended minimum)	34 (2002-2003)
Per capita total expenditure on health (Int\$)	83 (2010)
General government expenditure on health as % of total government expenditure (%)	12 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	50 (2010)
Official development assistance to child health per child (US\$)	13 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	17 (2009)

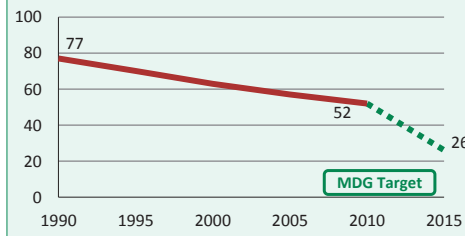


## DEMOGRAPHICS

Total population (000)	27,445	(2010)
Total under-five population (000)	2,738	(2010)
Births (000)	587	(2010)
Birth registration (%)	100	(2006)
Total under-five deaths (000)	31	(2010)
Neonatal deaths: % of all under-5 deaths	43	(2010)
Neonatal mortality rate (per 1000 live births)	23	(2010)
Infant mortality rate (per 1000 live births)	44	(2010)
Stillbirth rate (per 1000 total births)	6	(2009)
Total maternal deaths	160	(2010)
Lifetime risk of maternal death (1 in N)	1,400	(2010)
Total fertility rate (per woman)	2.4	(2010)
Adolescent birth rate (per 1000 women)	26	(2006)

### Under-five mortality rate

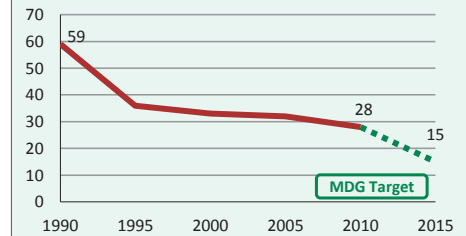
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

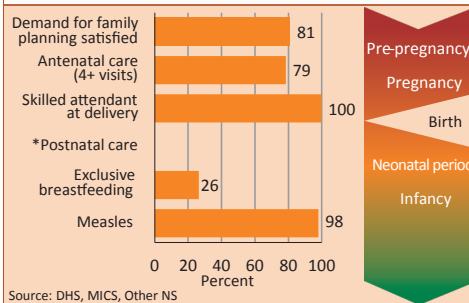


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

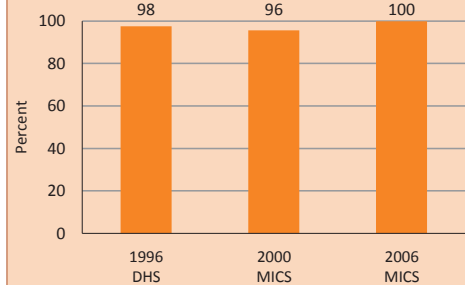


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

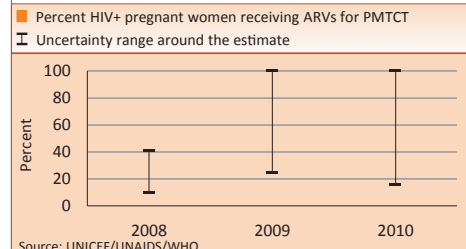
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

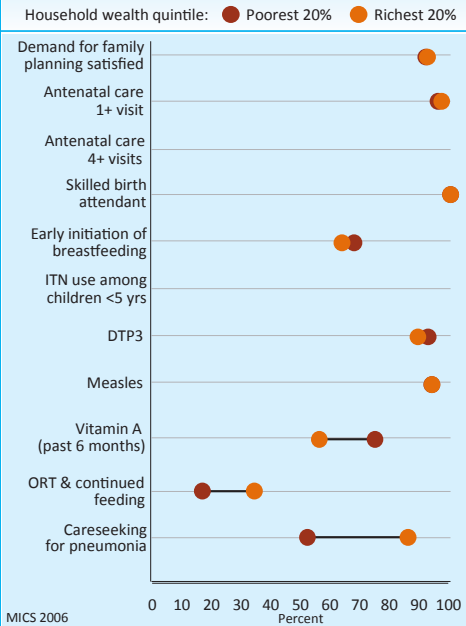
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 1 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

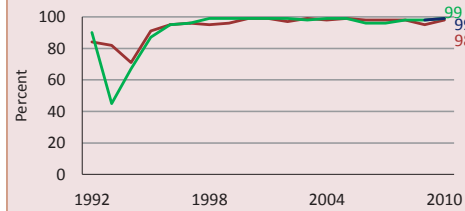


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

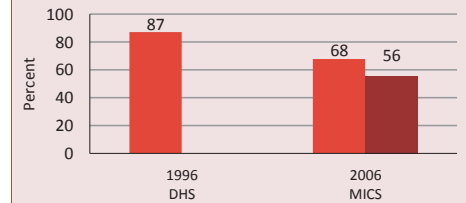
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



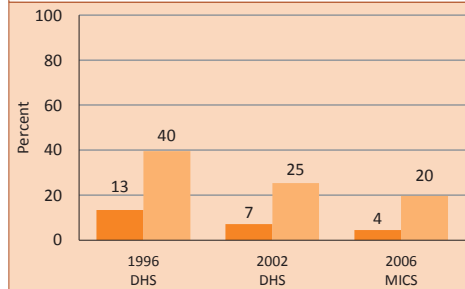
## NUTRITION

Wasting prevalence (moderate and severe, %) 5 (2006)  
Low birthweight incidence (moderate and severe, %) 5 (2006)

Early initiation of breastfeeding (within 1 hr of birth, %) 67 (2006)  
Introduction of solid, semi-solid/soft foods (%) 47 (2006)  
Vitamin A supplementation (two dose coverage, %) 94 (2010)

### Underweight and stunting prevalence

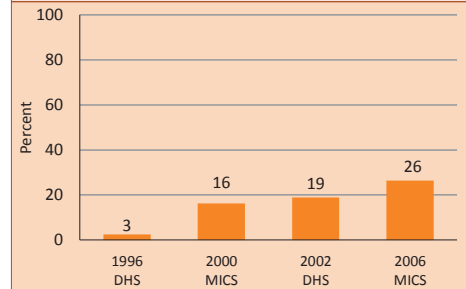
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

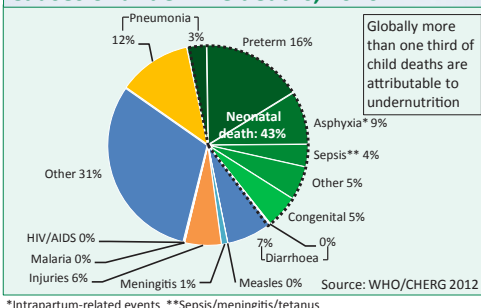
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

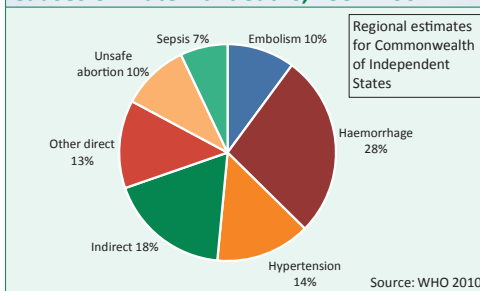


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



### Causes of maternal deaths, 1997-2007



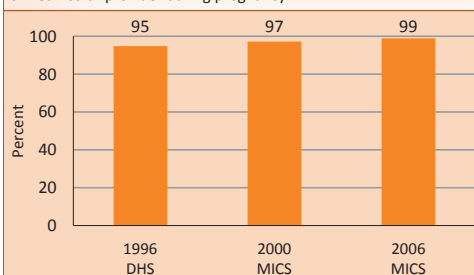
## POLICIES

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
Midwifery personnel authorized to administer core set of life saving interventions	Yes
International Code of Marketing of Breastmilk Substitutes	-
Postnatal home visits in first week of life	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Yes
Rotavirus vaccine	-
Pneumococcal vaccine	-

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



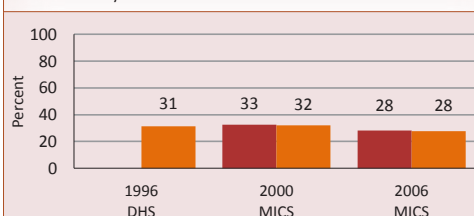
Demand for family planning satisfied (%)	81	(2006)
Antenatal care (4 or more visits, %)	79	(1996)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	3, 5, 2	(1996)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	-	-
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

### 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



### Malaria prevention and treatment

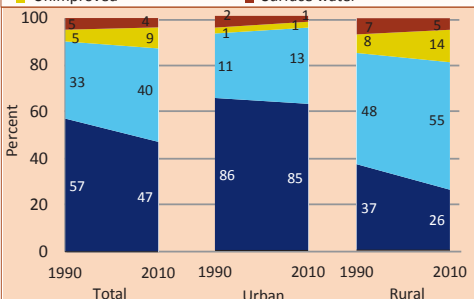
Percent of children receiving first line treatment among those receiving any antimalarial	-
■ Percent of children <5 years sleeping under ITNs	-

Very limited risk of malaria transmission

## WATER AND SANITATION

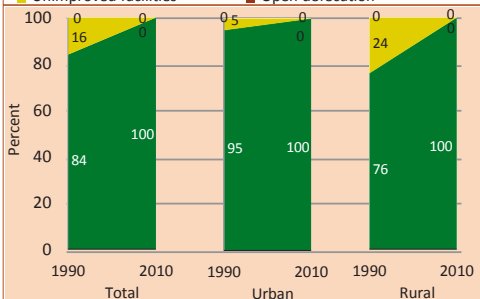
### Improved drinking water coverage

- Piped on premises
- Other improved
- Unimproved
- Surface water



### Improved sanitation coverage

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



## SYSTEMS AND FINANCING

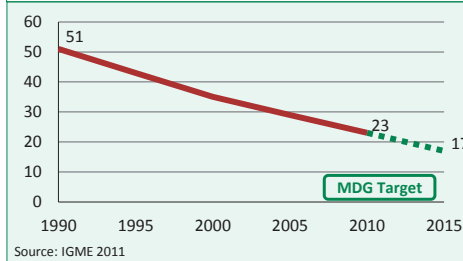
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	137.1 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	215 (2010)
General government expenditure on health as % of total government expenditure (%)	9 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	43 (2010)
Official development assistance to child health per child (US\$)	4 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	6 (2009)

## DEMOGRAPHICS

Total population (000)	87,848	(2010)
Total under-five population (000)	7,186	(2010)
Births (000)	1,467	(2010)
Birth registration (%)	88	(2006)
Total under-five deaths (000)	34	(2010)
Neonatal deaths: % of all under-5 deaths	52	(2010)
Neonatal mortality rate (per 1000 live births)	12	(2010)
Infant mortality rate (per 1000 live births)	19	(2010)
Stillbirth rate (per 1000 total births)	13	(2009)
Total maternal deaths	860	(2010)
Lifetime risk of maternal death (1 in N)	870	(2010)
Total fertility rate (per woman)	1.8	(2010)
Adolescent birth rate (per 1000 women)	35	(2007)

### Under-five mortality rate

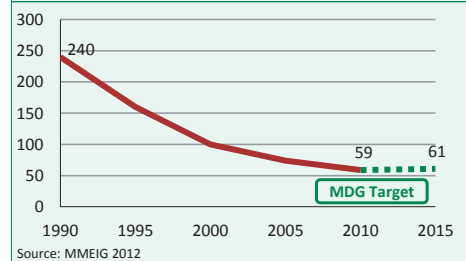
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

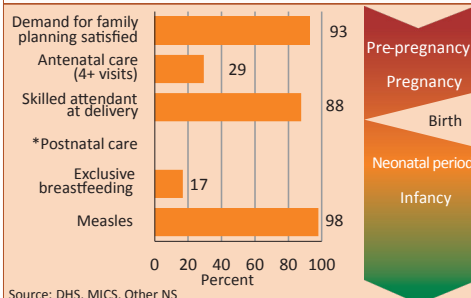


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

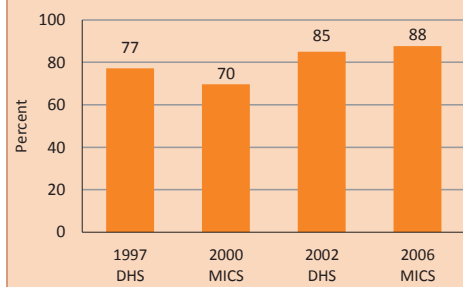


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

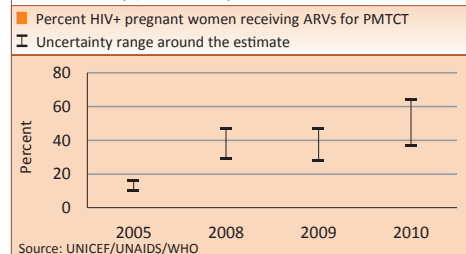
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

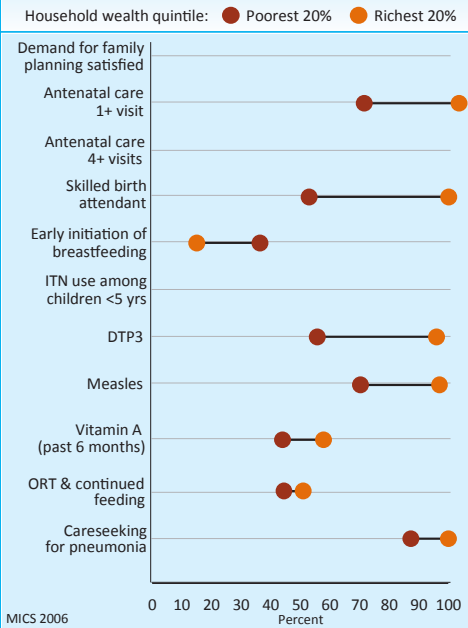
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 22 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

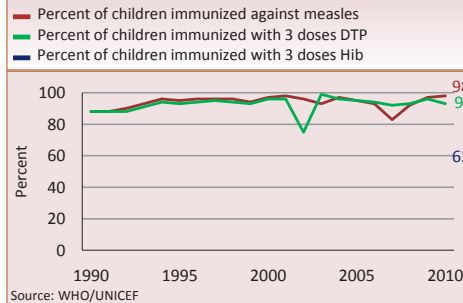
### Socioeconomic inequities in coverage



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.

## CHILD HEALTH

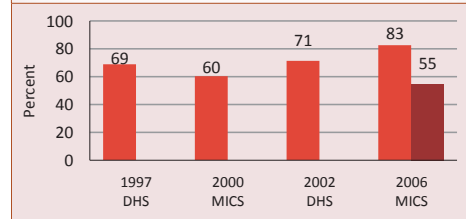
### Immunization



Source: WHO/UNICEF

### Pneumonia treatment

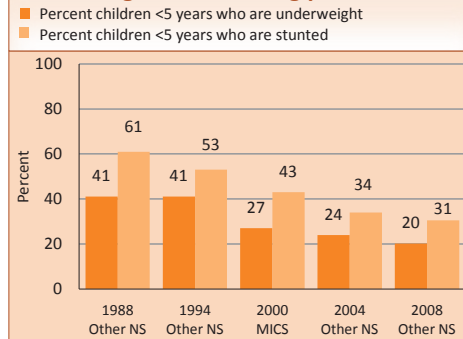
Percent children <5 years with suspected pneumonia taken to appropriate health provider



## NUTRITION

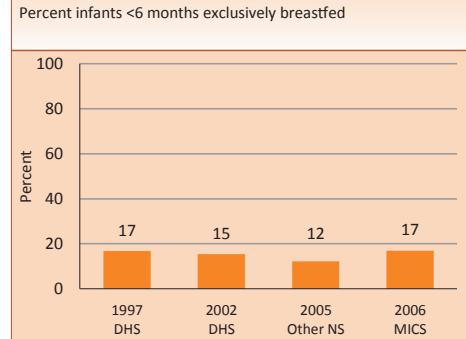
Wasting prevalence (moderate and severe, %)	10	(2008)	Early initiation of breastfeeding (within 1 hr of birth, %)	58	(2006)
Low birthweight incidence (moderate and severe, %)	5	(2009)	Introduction of solid, semi-solid/soft foods (%)	75	(2006)
			Vitamin A supplementation (two dose coverage, %)	95	(2010)

### Underweight and stunting prevalence



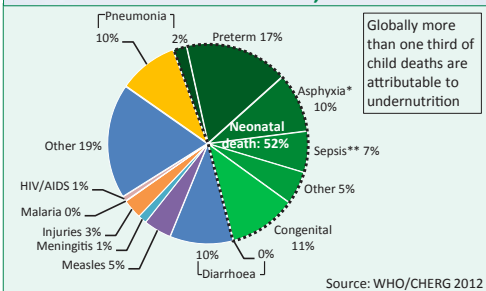
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding



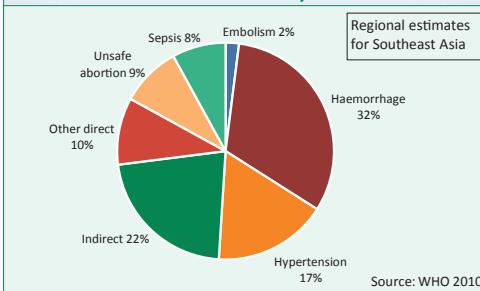
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



Globally more than one third of child deaths are attributable to undernutrition

### Causes of maternal deaths, 1997-2007



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

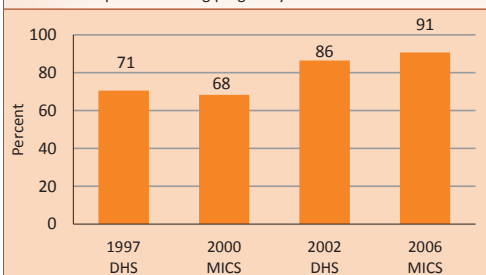
## POLICIES

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

## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



Demand for family planning satisfied (%)	93	(2008)
Antenatal care (4 or more visits, %)	29	(2002)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	(2006)
C-section rate (total, urban, rural; %)	10, 23, 7	(2002)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	87	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

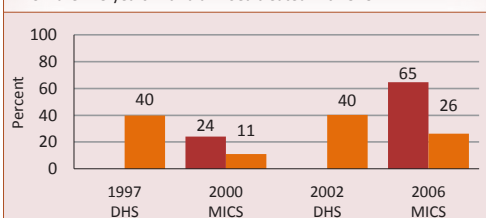
## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Partial
Density of doctors, nurses and midwives (per 10,000 population)	22.3 (2008)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	122 (2010)
General government expenditure on health as % of total government expenditure (%)	8 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	58 (2010)
Official development assistance to child health per child (US\$)	6 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	14 (2009)

## CHILD HEALTH

### Diarrhoeal disease treatment

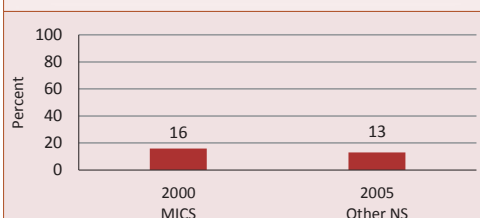
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

■ Percent of children receiving first line treatment among those receiving any antimalarial

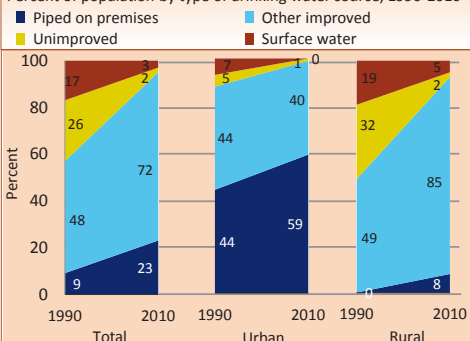
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

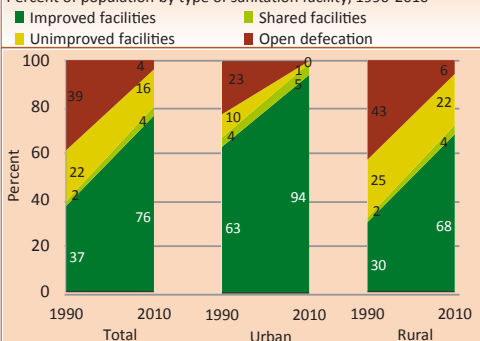
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010

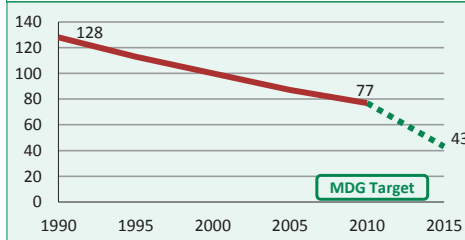


## DEMOGRAPHICS

Total population (000)	24,053	(2010)
Total under-five population (000)	4,057	(2010)
Births (000)	919	(2010)
Birth registration (%)	22	(2006)
Total under-five deaths (000)	69	(2010)
Neonatal deaths: % of all under-5 deaths	43	(2010)
Neonatal mortality rate (per 1000 live births)	32	(2010)
Infant mortality rate (per 1000 live births)	57	(2010)
Stillbirth rate (per 1000 total births)	23	(2009)
Total maternal deaths	1,900	(2010)
Lifetime risk of maternal death (1 in N)	90	(2010)
Total fertility rate (per woman)	5.2	(2010)
Adolescent birth rate (per 1000 women)	80	(2005)

### Under-five mortality rate

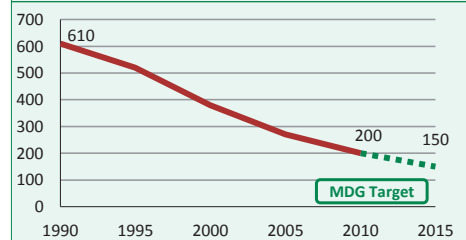
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

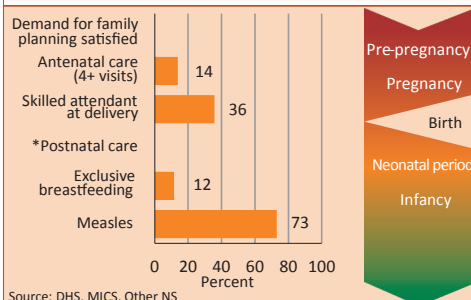


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

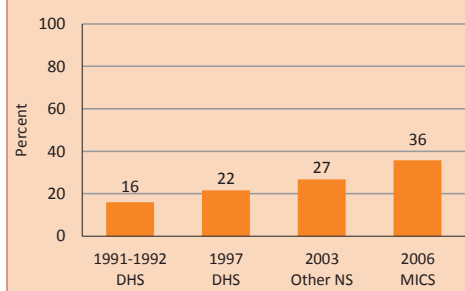


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

### Skilled attendant at delivery

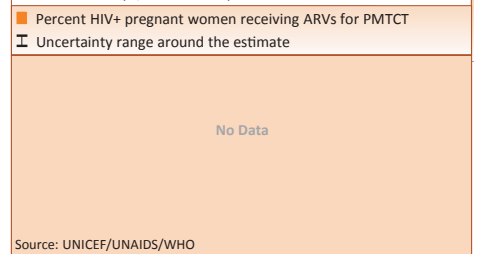
Percent live births attended by skilled health personnel



Source: UNICEF/UNAIDS/WHO

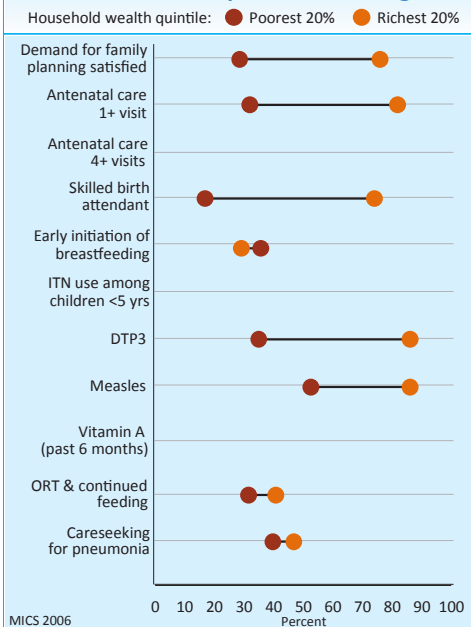
### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 59 (2010)



## EQUITY

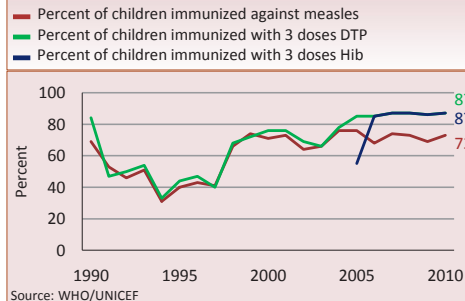
### Socioeconomic inequities in coverage



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.

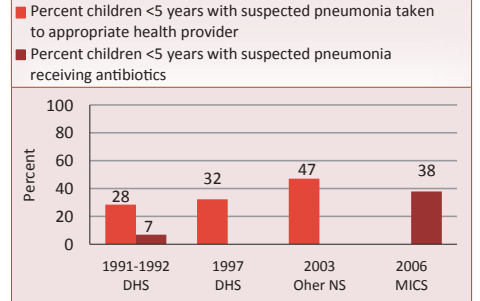
## CHILD HEALTH

### Immunization



Source: WHO/UNICEF

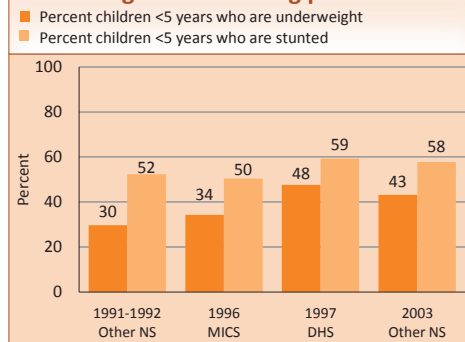
### Pneumonia treatment



## NUTRITION

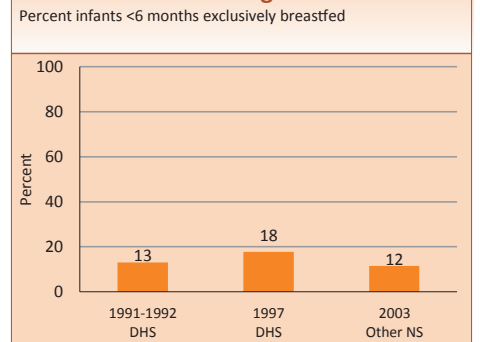
Wasting prevalence (moderate and severe, %)	15	(2003)	Early initiation of breastfeeding (within 1 hr of birth, %)	30	(2006)
Low birthweight incidence (moderate and severe, %)	32	(1997)	Introduction of solid, semi-solid/soft foods (%)	-	-
			Vitamin A supplementation (two dose coverage, %)	47	(2007)

### Underweight and stunting prevalence



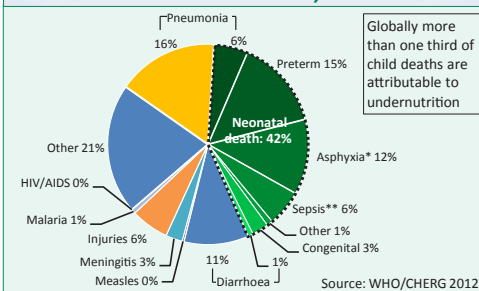
Note: Based on 2006 WHO reference population

### Exclusive breastfeeding



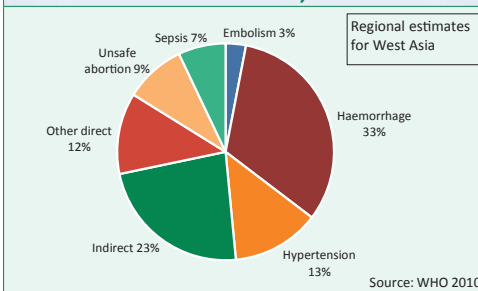
## DEMOGRAPHICS

### Causes of under-five deaths, 2010



\*Intrapartum-related events \*\*Sepsis/meningitis/tetanus

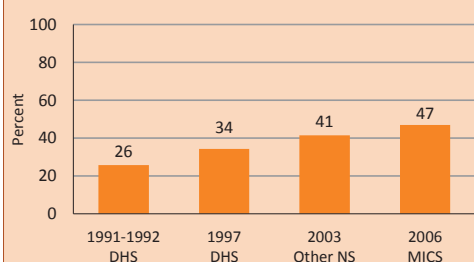
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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



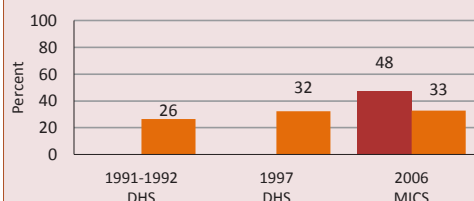
Demand for family planning satisfied (%)	-	-
Antenatal care (4 or more visits, %)	14	(2003)
Malaria during pregnancy - intermittent preventive treatment (%)	NA*	-
C-section rate (total, urban, rural; %)	9, -, -	(2003)
(Minimum target is 5% and maximum target is 15%)		
Neonatal tetanus vaccine (%)	66	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	-	-
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

\*Not applicable

## CHILD HEALTH

### 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



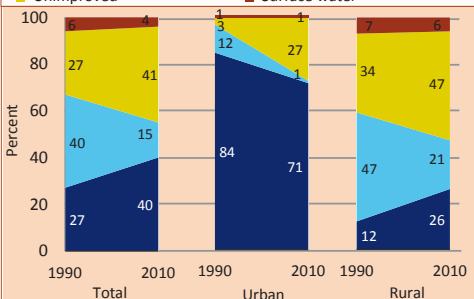
### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial	-	-
■ Percent of children <5 years sleeping under ITNs	-	-
Sub-national risk of malaria transmission		

## WATER AND SANITATION

### Improved drinking water coverage

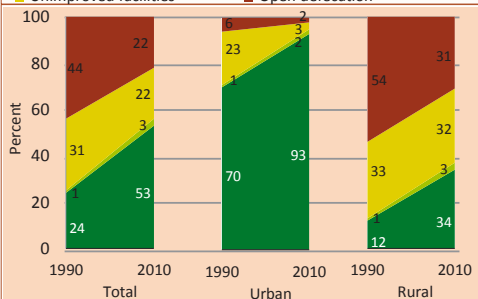
- Piped on premises
- Other improved
- Unimproved
- Surface water



Source: WHO/UNICEF JMP 2012

### Improved sanitation coverage

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation



Source: WHO/UNICEF JMP 2012

## POLICIES

Maternity protection in accordance with Convention 183	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 osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	Partial
Pneumococcal vaccine	Yes

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	9.6 (2009)
National availability of emergency obstetric care services (% of recommended minimum)	14 (2004-2005)
Per capita total expenditure on health (Int\$)	90 (2010)
General government expenditure on health as % of total government expenditure (%)	4 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	75 (2010)
Official development assistance to child health per child (US\$)	4 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	21 (2009)

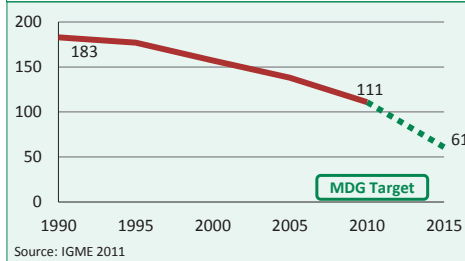


## DEMOGRAPHICS

Total population (000)	13,089	(2010)
Total under-five population (000)	2,412	(2010)
Births (000)	600	(2010)
Birth registration (%)	14	(2007)
Total under-five deaths (000)	60	(2010)
Neonatal deaths: % of all under-5 deaths	30	(2010)
Neonatal mortality rate (per 1000 live births)	30	(2010)
Infant mortality rate (per 1000 live births)	69	(2010)
Stillbirth rate (per 1000 total births)	26	(2009)
Total maternal deaths	2,600	(2010)
Lifetime risk of maternal death (1 in N)	37	(2010)
Total fertility rate (per woman)	6.3	(2010)
Adolescent birth rate (per 1000 women)	151	(2005)

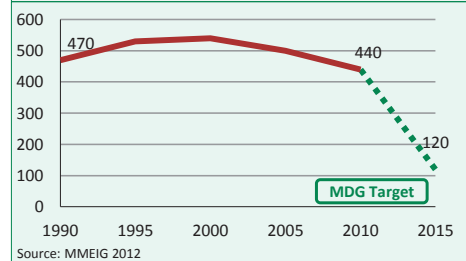
### Under-five mortality rate

Deaths per 1,000 live births



### Maternal mortality ratio

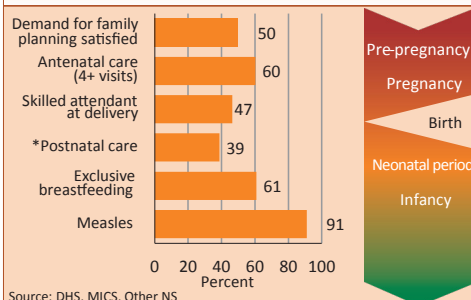
Deaths per 100,000 live births



Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

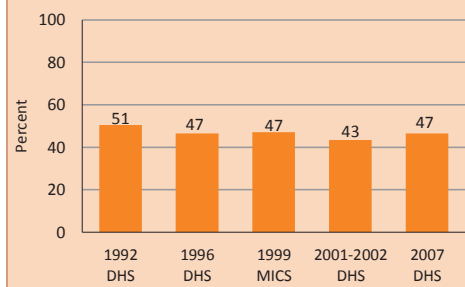
### Coverage along the continuum of care



\* See Annex/website for indicator definition

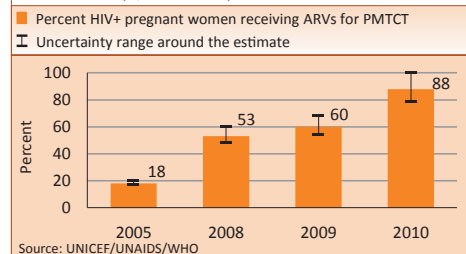
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



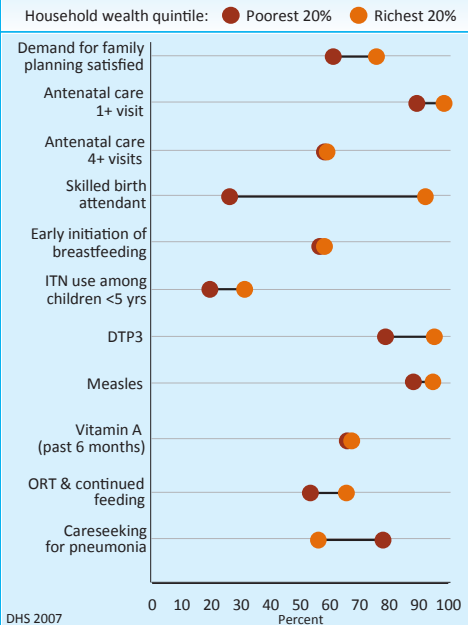
### Prevention of mother-to-child transmission of HIV

Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 22 (2010)



## EQUITY

### Socioeconomic inequities in coverage

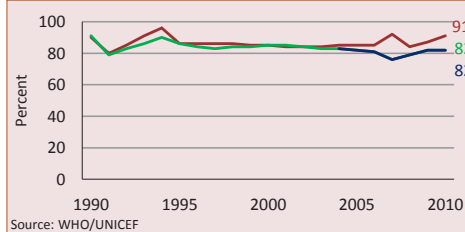


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

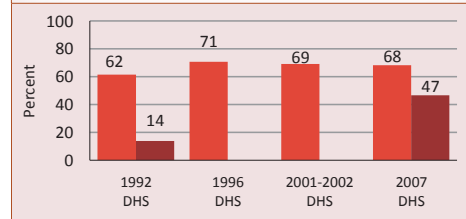
### Immunization

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



### Pneumonia treatment

Percent children <5 years with suspected pneumonia taken to appropriate health provider  
Percent children <5 years with suspected pneumonia receiving antibiotics



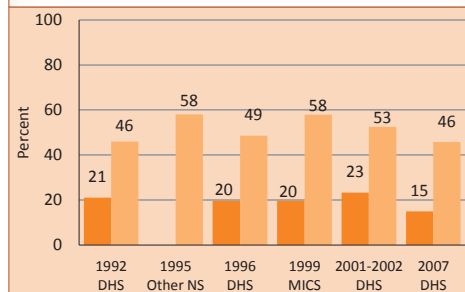
## NUTRITION

Wasting prevalence (moderate and severe, %)	6	(2007)
Low birthweight incidence (moderate and severe, %)	11	(2007)

Early initiation of breastfeeding (within 1 hr of birth, %)	57	(2007)
Introduction of solid, semi-solid/soft foods (%)	94	(2007)
Vitamin A supplementation (two dose coverage, %)	92	(2010)

### Underweight and stunting prevalence

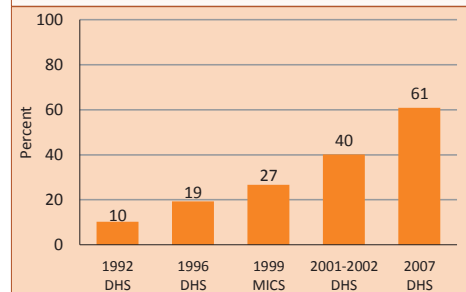
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

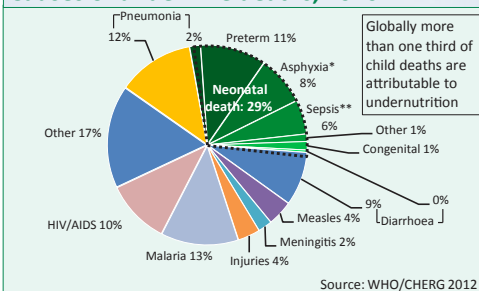
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

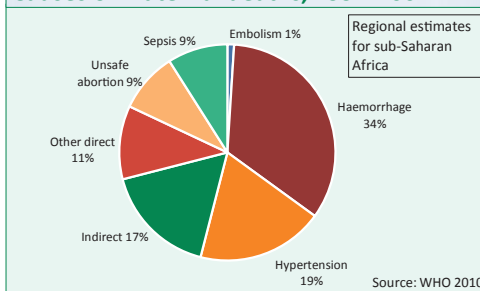


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



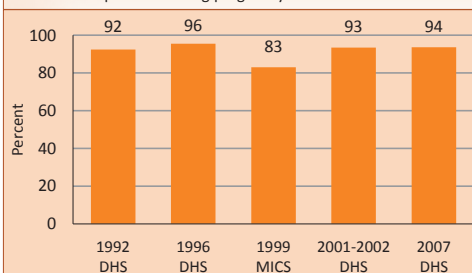
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

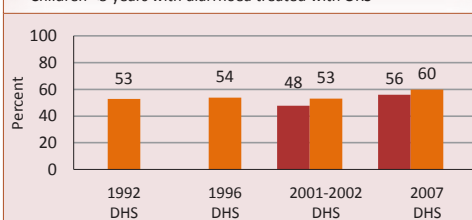


Demand for family planning satisfied (%)	50	(2007)
Antenatal care (4 or more visits, %)	60	(2007)
Malaria during pregnancy - intermittent preventive treatment (%)	69	(2010)
C-section rate (total, urban, rural; %) (Minimum target is 5% and maximum target is 15%)	3, 6, 2	(2007)
Neonatal tetanus vaccine (%)	90	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	39	(2007)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	8	(2007)

## CHILD HEALTH

### Diarrhoeal disease treatment

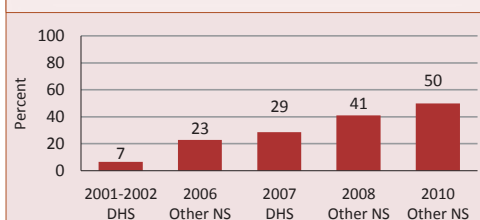
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial 76 (2010)

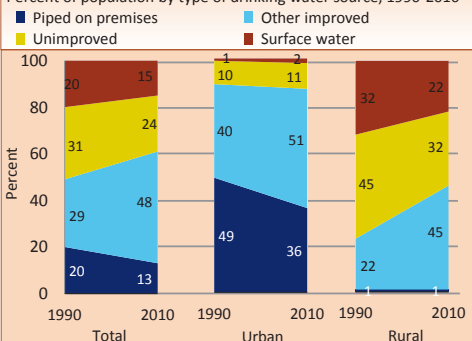
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

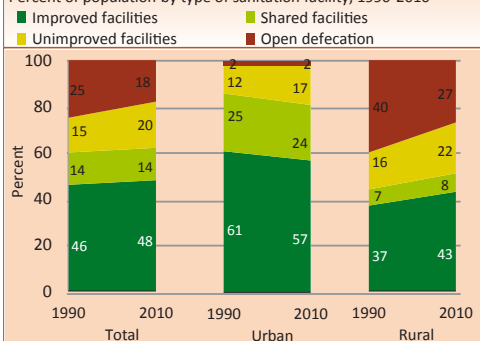
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

Maternity protection in accordance with Convention 183	Partial
Specific notification of maternal deaths	Yes
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	Yes
Community treatment of pneumonia with antibiotics	Yes
Low osmolarity ORS and zinc for management of diarrhoea	Partial
Rotavirus vaccine	-
Pneumococcal vaccine	Partial

## SYSTEMS AND FINANCING

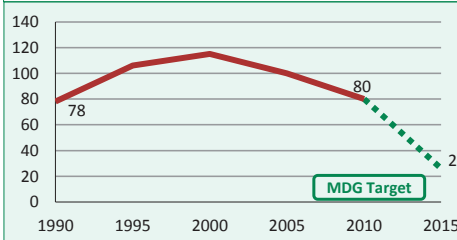
Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	7.7 (2006)
National availability of emergency obstetric care services (% of recommended minimum)	41 (2004-2005)
Per capita total expenditure on health (Int\$)	-
General government expenditure on health as % of total government expenditure (%)	16 (2010)
Out-of-pocket expenditure as % of total expenditure on health (%)	26 (2010)
Official development assistance to child health per child (US\$)	26 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	38 (2009)

## DEMOGRAPHICS

Total population (000)	12,571	(2010)
Total under-five population (000)	1,692	(2010)
Births (000)	374	(2010)
Birth registration (%)	38	(2009)
Total under-five deaths (000)	29	(2010)
Neonatal deaths: % of all under-5 deaths	35	(2010)
Neonatal mortality rate (per 1000 live births)	27	(2010)
Infant mortality rate (per 1000 live births)	51	(2010)
Stillbirth rate (per 1000 total births)	20	(2009)
Total maternal deaths	2,200	(2010)
Lifetime risk of maternal death (1 in N)	52	(2010)
Total fertility rate (per woman)	3.3	(2010)
Adolescent birth rate (per 1000 women)	101	(2003)

### Under-five mortality rate

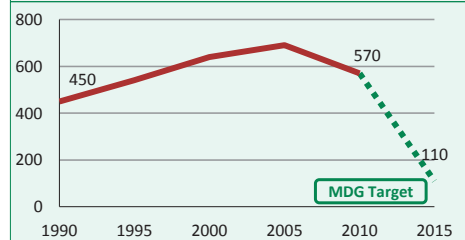
Deaths per 1,000 live births



Source: IGME 2011

### Maternal mortality ratio

Deaths per 100,000 live births

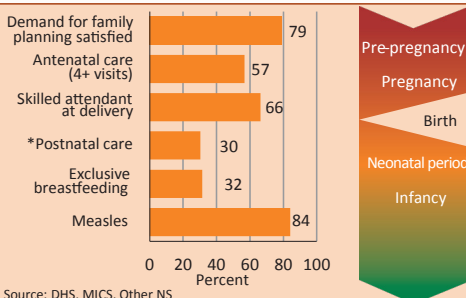


Source: MMEIG 2012

Note: MDG target calculated by Countdown to 2015

## MATERNAL AND NEWBORN HEALTH

### Coverage along the continuum of care

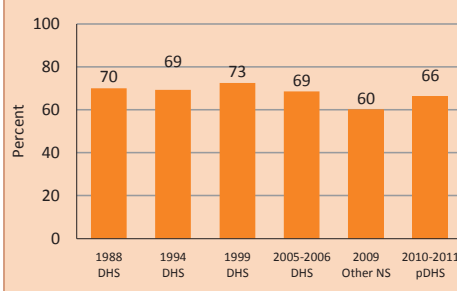


Source: DHS, MICS, Other NS

\* See Annex/website for indicator definition

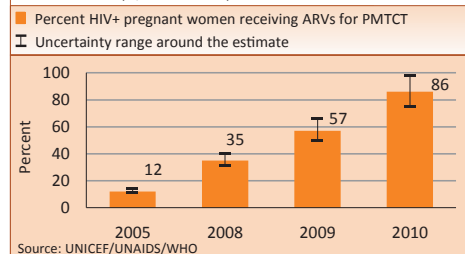
### Skilled attendant at delivery

Percent live births attended by skilled health personnel



### Prevention of mother-to-child transmission of HIV

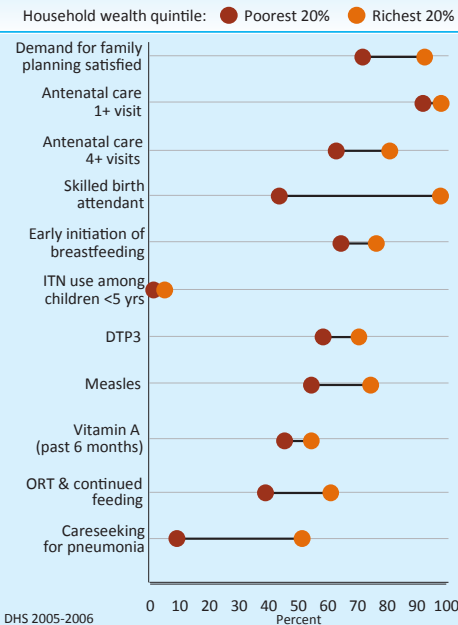
Eligible HIV+ pregnant women receiving ART for their own health (% of total ARVs) 11 (2010)



Source: UNICEF/UNAIDS/WHO

## EQUITY

### Socioeconomic inequities in coverage

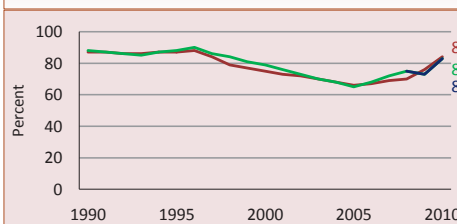


Coverage levels are shown for the poorest 20% (red circles) and the richest 20% (orange circles). The longer the line between the two groups, the greater the inequality. These estimates may differ from other charts due to differences in data sources.

## CHILD HEALTH

### Immunization

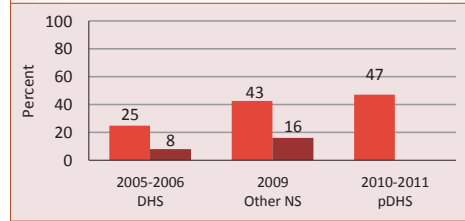
Percent of children immunized against measles  
Percent of children immunized with 3 doses DTP  
Percent of children immunized with 3 doses Hib



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



Source: DHS, Other NS, pDHS

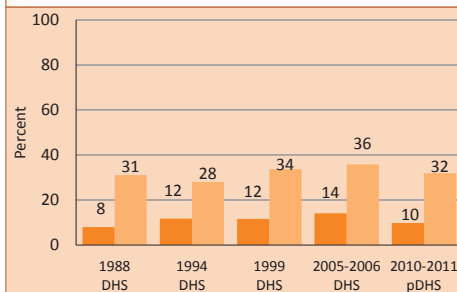
## NUTRITION

Wasting prevalence (moderate and severe, %) 3 (2010-2011)  
Low birthweight incidence (moderate and severe, %) 11 (2005-2006)

Early initiation of breastfeeding (within 1 hr of birth, %) 69 (2005-2006)  
Introduction of solid, semi-solid/soft foods (%) 76 (2005-2006)  
Vitamin A supplementation (two dose coverage, %) 49 (2010)

### Underweight and stunting prevalence

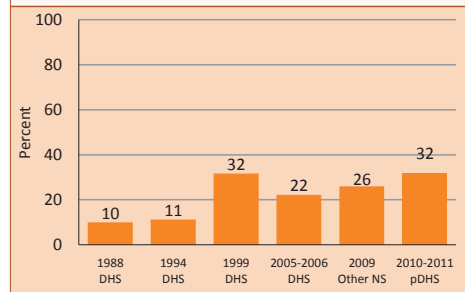
Percent children <5 years who are underweight  
Percent children <5 years who are stunted



Note: Based on 2006 WHO reference population

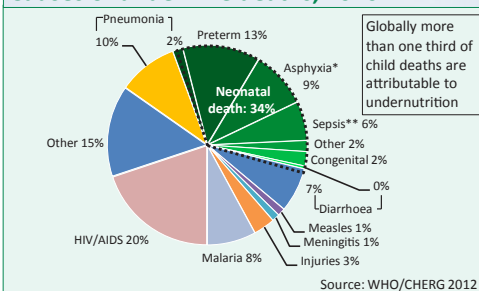
### Exclusive breastfeeding

Percent infants <6 months exclusively breastfed

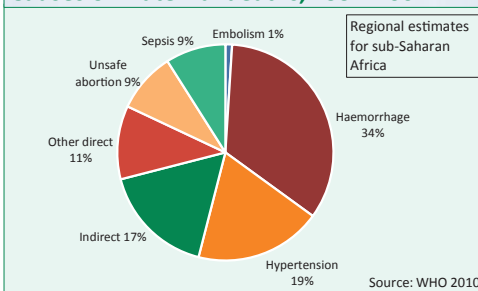


## DEMOGRAPHICS

### Causes of under-five deaths, 2010



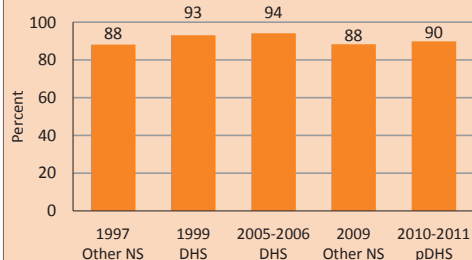
### Causes of maternal deaths, 1997-2007



## MATERNAL AND NEWBORN HEALTH

### Antenatal care

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

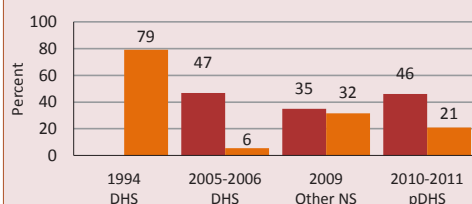


Demand for family planning satisfied (%)	79	(2005-2006)
Antenatal care (4 or more visits, %)	57	(2009)
Malaria during pregnancy - intermittent preventive treatment (%)	7	(2010-2011)
C-section rate (total, urban, rural; %)	5, 9, 3	(2005-2006)
Neonatal tetanus vaccine (%)	76	(2010)
Postnatal visit for baby (within 2 days for all births, %)	-	-
Postnatal visit for mother (within 2 days for all births, %)	30	(2005)
Women with low body mass index (<18.5 kg/m <sup>2</sup> , %)	-	-

## CHILD HEALTH

### Diarrhoeal disease treatment

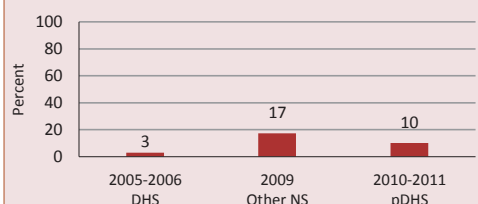
■ Percent of children <5 years with diarrhoea receiving oral rehydration therapy/increased fluids with continued feeding  
■ Children <5 years with diarrhoea treated with ORS



### Malaria prevention and treatment

Percent of children receiving first line treatment among those receiving any antimalarial

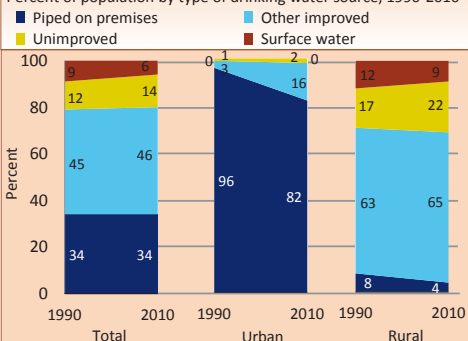
■ Percent of children <5 years sleeping under ITNs



## WATER AND SANITATION

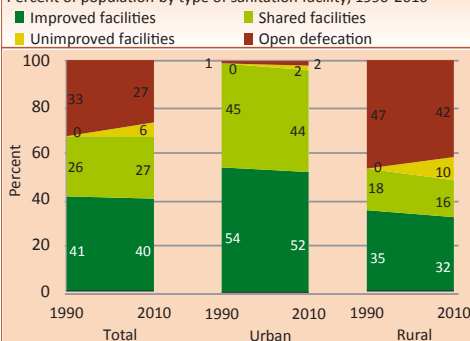
### Improved drinking water coverage

Percent of population by type of drinking water source, 1990-2010



### Improved sanitation coverage

Percent of population by type of sanitation facility, 1990-2010



## POLICIES

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

## SYSTEMS AND FINANCING

Costed national implementation plan(s) for maternal, newborn and child health available	Yes
Density of doctors, nurses and midwives (per 10,000 population)	8.8 (2004)
National availability of emergency obstetric care services (% of recommended minimum)	-
Per capita total expenditure on health (Int\$)	-
General government expenditure on health as % of total government expenditure (%)	-
Out-of-pocket expenditure as % of total expenditure on health (%)	-
Official development assistance to child health per child (US\$)	27 (2009)
Official development assistance to maternal and neonatal health per live birth (US\$)	51 (2009)







## Annex A

### Country profile indicators and data sources

Indicator	Data source	Global database	
<b>Demographics</b>			
Demographics	Total population	United Nations Population Division	United Nations Population Division
	Total under-five population	United Nations Population Division	United Nations Population Division
	Total births	United Nations Population Division	United Nations Population Division
	Birth registration	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
	Total fertility rate	United Nations Population Division	United Nations Population Division
	Adolescent birth rate	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys, other national surveys, civil registration systems and censuses	United Nations Population Division and United Nations Population Fund
Child mortality	Total deaths among children under age 5	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)
	Neonatal deaths	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)
	Neonatal mortality rate	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)
	Infant mortality rate	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)
	<b>Under-five mortality rate*</b>	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)	Inter-agency Group for Child Mortality Estimation (United Nations Children's Fund, World Health Organization, United Nations Population Division and World Bank)
	Cause of death of children under age 5	World Health Organization, Child Health Epidemiology Reference Group and United Nations Children's Fund	World Health Organization, Child Health Epidemiology Reference Group and United Nations Children's Fund
	Stillbirth rate	Cousens and others 2011	Cousens and others 2011
Maternal mortality	Total maternal deaths	United Nations Children's Fund, World Health Organization, United Nations Population Fund and World Bank	United Nations Children's Fund, World Health Organization, United Nations Population Fund and World Bank
	Lifetime risk of maternal death	United Nations Children's Fund, World Health Organization, United Nations Population Fund and World Bank	United Nations Children's Fund, World Health Organization, United Nations Population Fund and World Bank
	<b>Maternal mortality ratio (adjusted)*</b>	United Nations Children's Fund, World Health Organization, United Nations Population Fund and World Bank	World Health Organization, United Nations Children's Fund, United Nations Population Fund and World Bank
	Maternal deaths by cause (regional)	World Health Organization	World Health Organization
<b>Maternal and newborn health</b>			
Delivery care	<b>Skilled attendant at birth*</b>	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	United Nations Children's Fund
AIDS	<b>HIV-positive pregnant women receiving antiretrovirals treatment for their own health*</b>	Country reporting through the Joint reporting process by World Health Organization, United Nations Children's Fund and Joint United Nations Programme on HIV/AIDS	Joint United Nations Programme on HIV/AIDS, United Nations Children's Fund and World Health Organization
	<b>HIV-positive pregnant women receiving antiretrovirals for prevention of mother-to-child transmission of HIV*</b>	Ministries of Health and Joint United Nations Programme on HIV/AIDS	United Nations Children's Fund
Antenatal care	Antenatal care (at least one visit)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	United Nations Children's Fund
	<b>Antenatal care (four or more visits)*</b>	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys, other national surveys Demographic and Health Surveys, Reproductive Health Survey, other national surveys	United Nations Children's Fund
Demand for family planning satisfied	<b>Demand for family planning satisfied*</b>	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	United Nations Population Fund



Indicator		Data source	Global database
Intermittent preventive treatment of malaria during pregnancy	Intermittent preventive treatment for pregnant women	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
Caesarean section	Caesarean section rate	Demographic and Health Surveys, Reproductive Health Survey and other national surveys	United Nations Children's Fund
Neonatal tetanus protection	Neonatal tetanus protection	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund and World Health Organization
Postnatal care	<b>Postnatal visit for mother*</b>	Demographic and Health Surveys	Special data analysis by Saving Newborn Lives
Postnatal care	<b>Postnatal visit for newborn*</b>	Demographic and Health Surveys	Special data analysis by Saving Newborn Lives
Body mass index	Women with low body mass index	Demographic and Health Surveys	Demographic and Health Surveys, STATcompiler (accessed March 2012)
<b>Equity</b>			
	<b>Demand for family planning satisfied*</b>	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Antenatal care (at least one visit)	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	<b>Antenatal care (four or more visits)*</b>	Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	<b>Skilled attendant at birth</b>	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Early initiation of breastfeeding	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Children under age 5 sleeping under insecticide-treated nets	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	<b>Three doses of combined diphtheria/tetanus/pertussis vaccine immunization coverage (DTP3)*</b>	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Measles immunization coverage	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Vitamin A supplementation (two doses)	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Oral rehydration therapy and continued feeding	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Careseeking for pneumonia	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
<b>Child health</b>			
Immunization	Measles immunization coverage	Routine reporting, Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund and World Health Organization
	<b>Three doses of combined diphtheria/tetanus/pertussis vaccine immunization coverage (DTP3)*</b>	Routine reporting, Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund and World Health Organization
	Three doses of <i>Haemophilus influenzae</i> type B (Hib3) immunization coverage	Routine reporting, Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund and World Health Organization
Pneumonia	Careseeking for pneumonia	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
	<b>Antibiotic treatment for pneumonia*</b>	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
Diarrhoeal diseases	Oral rehydration therapy and continued feeding	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
	Oral rehydration salts	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
Malaria	Antimalarial treatment, first line	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and Malaria Indicator Surveys	United Nations Children's Fund
	Children under age 5 sleeping under insecticide-treated nets	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Malaria Indicator Surveys	United Nations Children's Fund
<b>Nutrition</b>			
Anthropometry	Underweight prevalence	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund and World Health Organization
	<b>Stunting prevalence*</b>	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund and World Health Organization
	Wasting prevalence	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund and World Health Organization
Infant feeding	Early initiation of breastfeeding	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund

Indicator		Data source	Global database
	<b>Exclusive breastfeeding rate (for first six months of life)*</b>	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
	Introduction of solid, semisolid and soft foods	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Low birthweight	Low birthweight incidence	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Micronutrient supplementation	Vitamin A supplementation (two doses)	National Immunization Days Reporting, Demographic and Health Surveys, Multiple Indicator Cluster Survey and routine reporting	United Nations Children's Fund
<b>Water and sanitation</b>			
Water	Use of improved drinking water sources	United Nations Children's Fund and World Health Organization	United Nations Children's Fund and World Health Organization
Sanitation	Use of improved sanitation facilities	United Nations Children's Fund and World Health Organization	United Nations Children's Fund and World Health Organization
<b>Policies, systems and financing</b>			
Policies	Maternity protection in accordance with Convention 183	International Labour Organization	Database of Conditions of Work and Employment Laws
	Specific notification of maternal deaths	World Health Organization	World Health Organization Department of Maternal, Newborn, Child and Adolescent Health special data compilation
	Midwifery personnel authorized to administer core set of life-saving interventions	World Health Organization	World Health Organization Department of Maternal, Newborn, Child and Adolescent Health special data compilation
	International Code of Marketing of Breastmilk Substitutes	World Health Organization	World Health Organization and United Nations Children's Fund special data compilation
	Postnatal home visits in first week of life	World Health Organization	World Health Organization Department of Maternal, Newborn, Child and Adolescent Health special data compilation
	Community treatment of pneumonia with antibiotics	World Health Organization and United Nations Children's Fund	World Health Organization and United Nations Children's Fund special data compilation
	Low osmolarity oral rehydration salts and zinc for management of diarrhoea	World Health Organization and United Nations Children's Fund	World Health Organization and United Nations Children's Fund special data compilation
	Rotavirus vaccine	World Health Organization	World Health Organization Department of Immunization, Vaccines and Biologicals database on new vaccines introductions as of February 2012
	Pneumococcal vaccine	World Health Organization	World Health Organization Department of Immunization, Vaccines and Biologicals database on new vaccines introductions as of February 2012
Systems and financing	Costed national implementation plan for maternal, newborn and child health available	World Health Organization	World Health Organization Department of Maternal, Newborn, Child and Adolescent Health special data compilation
	Density of doctors, nurses and midwives	World Health Organization	Global Health Atlas ( <a href="http://apps.who.int/globalatlas/">http://apps.who.int/globalatlas/</a> , accessed 2 March 2012)
	National availability of emergency obstetric care services	Averting Maternal Death and Disability, United Nations Children's Fund and United Nations Population Fund	Averting Maternal Death and Disability, United Nations Children's Fund and United Nations Population Fund special data compilation
	Per capita total expenditure on health	World Health Organization	Global Health Expenditure Database ( <a href="http://apps.who.int/nha/database/PreDataExplorer.aspx?d=1">http://apps.who.int/nha/database/PreDataExplorer.aspx?d=1</a> , accessed 2 March 2012)
	General government expenditure on health as percentage of total government expenditure	World Health Organization	Global Health Expenditure Database ( <a href="http://apps.who.int/nha/database/PreDataExplorer.aspx?d=1">http://apps.who.int/nha/database/PreDataExplorer.aspx?d=1</a> , accessed 2 March 2012)
	Out-of-pocket expenditure as a share of total expenditure on health	World Health Organization	Global Health Expenditure Database ( <a href="http://apps.who.int/nha/database/PreDataExplorer.aspx?d=1">http://apps.who.int/nha/database/PreDataExplorer.aspx?d=1</a> , accessed 2 March 2012)
	Official development assistance to child health per child	Organisation for Economic Co-operation and Development Development Assistance Committee	London School of Health and Tropical Medicine
	Official development assistance to maternal and neonatal health per live birth	Organisation for Economic Co-operation and Development Development Assistance Committee	London School of Health and Tropical Medicine

\* Indicators in bold are those recommended by the Commission on Information and Accountability for Women's and Children's Health. The Commission indicator for under-five mortality includes the proportion of neonatal deaths, also tracked by *Countdown*.

## Annex B

### Definitions of *Countdown* indicators

Intervention	Indicator definition	Numerator	Denominator
<b>Maternal and newborn health</b>			
<b>Skilled attendant at birth*</b>	Percentage of live births attended by skilled health personnel	Number of live births to women ages 15–49 years in the X years prior to the survey attended during delivery by skilled health personnel (doctor, nurse, midwife or auxiliary midwife)	Total number of live births to women ages 15–49 in the X years prior to the survey
<b>Treatment of HIV*</b>	Percentage of HIV-positive pregnant women who received antiretroviral therapy for their own health	Number of HIV-positive pregnant women attending services for prevention of mother-to-child transmission in the past 12 months who are on lifelong antiretroviral therapy	Estimated number of HIV-positive pregnant women in the past 12 months who were eligible for antiretroviral therapy <sup>a</sup>
<b>Prevention of mother-to-child transmission of HIV*</b>	Percentage of HIV-positive pregnant women who received antiretrovirals to reduce the risk of mother-to-child transmission	Number of HIV-infected pregnant women who received antiretrovirals in the last 12 months to reduce mother-to-child transmission	Estimated unrounded number of HIV-positive pregnant women <sup>a</sup>
Antenatal care (at least one visit)	Percentage of women attended at least once during pregnancy by skilled health personnel for reasons related to the pregnancy	Number of women attended at least once during pregnancy by skilled health personnel (doctor, nurse, midwife or auxiliary midwife) for reasons related to the pregnancy in the X years prior to the survey	Total number of women who had a live birth occurring in the same period
<b>Antenatal care (four or more visits)*</b>	Percentage of women attended at least four times during pregnancy by any provider (skilled or unskilled) for reasons related to the pregnancy	Number of women attended at least four times during pregnancy by any provider (skilled or unskilled) for reasons related to the pregnancy in the X years prior to the survey	Total number of women who had a live birth occurring in the same period
<b>Demand for family planning satisfied*</b>	Percentage of women ages 15–49, either married or in union, who have their need for family planning satisfied	Women who are married or in union and currently using any method of contraception	Women who are married and in union and who are currently using any method of contraception or who are fecund, not using any method of contraception but report wanting to space their next birth or stop childbearing altogether
Intermittent preventive treatment for malaria during pregnancy	Percentage of women who received intermittent preventive treatment for malaria during their last pregnancy	Number of women at risk for malaria who received two or more doses of a sulfadoxine-pyrimethamine (Fansidar <sup>TM</sup> ) to prevent malaria during their last pregnancy that led to a live birth	Total number of women surveyed who delivered a live newborn within the last two years
Caesarean section rate	Percentage of live births delivered by caesarean section	Number of live births to women ages 15–49 in the X years prior to the survey delivered by caesarean section	Total number of live births to women ages 15–49 in the X years prior to the survey
Neonatal tetanus protection	Percentage of newborns protected against tetanus	Number of mothers with a live birth in the year prior to the survey who received two doses of tetanus toxoid vaccine within the appropriate interval prior to the infant's birth	Total number of women ages 15–49 with a live birth in the year prior to the survey
<b>Postnatal care for mothers*<sup>b</sup></b>	Percentage of mothers who received postnatal care within two days of childbirth	Number of women who received postnatal care within two days of childbirth (regardless of place of delivery)	Total number of women ages 15–49 with a last live birth in the X years prior to the survey (regardless of place of delivery)
<b>Postnatal care for babies*</b>	Percentage of babies who received postnatal care within two days of childbirth	Number of babies who received postnatal care within two days of birth (regardless of place of delivery)	Total number of last-born babies in the X years prior to the survey (regardless of place of delivery)
Low body mass index	Percentage of women ages 15–49 with a body mass index of less than 18.5 kg/m <sup>2</sup>	Number of women ages 15–49 with a body mass index of less than 18.5 kg/m <sup>2</sup>	Total number of women ages 15–49
<b>Child health</b>			
Measles immunization coverage	Percentage of infants immunized with measles containing vaccine	Number of children ages 12–23 months who are immunized against measles	Total number of children ages 12–23 months surveyed
<b>Three doses of combined diphtheria/tetanus/pertussis vaccine immunization coverage (DTP3)*</b>	Percentage of infants who received three doses of diphtheria/tetanus/pertussis vaccine (DTP3)	Number of children ages 12–23 months receiving three doses of diphtheria/tetanus/pertussis vaccine (DTP3)	Total number of children ages 12–23 months surveyed
Three doses of <i>Haemophilus influenzae</i> type B (Hib3) immunization coverage	Percentage of infants who received three doses of <i>Haemophilus influenzae</i> type B (Hib3) vaccine	Number of children ages 12–23 months receiving three doses of <i>Haemophilus influenzae</i> type B (Hib3) vaccine	Total number of children ages 12–23 months surveyed
Careseeking for pneumonia	Percentage of children ages 0–59 months with suspected pneumonia taken to an appropriate health provider	Number of children ages 0–59 months with suspected pneumonia in the two weeks prior to the survey who were taken to an appropriate health provider	Total number of children ages 0–59 months with suspected pneumonia in the two weeks prior to the survey
<b>Antibiotic treatment for pneumonia*</b>	Percentage of children ages 0–59 months with suspected pneumonia receiving antibiotics	Number of children ages 0–59 months with suspected pneumonia in the two weeks prior to the survey receiving antibiotics	Total number of children ages 0–59 months with suspected pneumonia in the two weeks prior to the survey

Intervention	Indicator definition	Numerator	Denominator
Oral rehydration therapy and continued feeding	Percentage of children ages 0–59 months with diarrhoea receiving oral rehydration therapy and continued feeding	Number of children ages 0–59 months with diarrhoea in the two weeks prior to the survey receiving oral rehydration therapy (oral rehydration solution or recommended homemade fluids or increased fluids) and continued feeding	Total number of children ages 0–59 months with diarrhoea in the two weeks prior to the survey
Oral rehydration salts	Percentage of children ages 0–59 months with diarrhoea receiving oral rehydration salts	Number of children ages 0–59 months with diarrhoea in the two weeks prior to the survey receiving oral rehydration salts	Total number of children ages 0–59 months with diarrhoea in the two weeks prior to the survey
Antimalarial treatment	Percentage of children ages 0–59 months receiving first line antimalarial treatment	Number of children ages 0–59 months who had a fever in the previous two weeks who received first-line treatment according to national policy	Total number of children ages 0–59 months who had a fever in the previous two weeks who received any antimalarial drugs
Insecticide-treated net use	Percentage of children ages 0–59 months sleeping under an insecticide-treated mosquito net	Number of children ages 0–59 months sleeping under an insecticide-treated net the night before the survey	Total number of children ages 0–59 months surveyed
<b>Nutrition</b>			
Early initiation of breastfeeding	Percentage of newborns put to the breast within one hour of birth	Number of women with a live birth in the X years prior to the survey who put the newborn infant to the breast within one hour of birth	Total number of women with a live birth in the X years prior to the surveyed
<b>Exclusive breastfeeding (for first six months of life)*</b>	Percentage of infants ages 0–5 months who are exclusively breastfed	Number of infants ages 0–5 months who are exclusively breastfed	Total number of infants ages 0–5 months surveyed
Introduction of solid, semisolid or soft foods	Percentage of infants ages 6–8 months who receive solid, semisolid or soft foods	Number of infants ages 6–8 months who received solid, semisolid or soft foods during the previous day	Total number of infants ages 6–8 months surveyed
Vitamin A supplementation (two doses)	Percentage of children ages 6–59 months who received two doses of vitamin A during the calendar year	Number of children ages 6–59 months who received two doses of vitamin A during the calendar year	Total number of children ages 6–59 months
<b>Water and sanitation</b>			
Use of an improved drinking water source	Percentage of the population using an improved drinking water source (piped on premises or other improved drinking water source)	Number of household members using improved and drinking water source (including piped on premises, public standpipe, borehole, protected dug well, protected spring and rainwater collection)	Total number of household members
Use of improved sanitation facilities	Percentage of the population using improved sanitation facilities	Number of household members using improved sanitation facilities (including connection to a public sewer, connection to a septic system, pour-flush latrine, simple pit latrine or a ventilated improved pit latrine)	Total number of household members

\* Indicators in bold are those recommended by the Commission on Information and Accountability for Women's and Children's Health.

a. More details on the HIV estimates methodology can be found at [www.unaids.org](http://www.unaids.org).

b. As used for postnatal care in the graph on coverage along the continuum of care on page 1 of each country profile.

## Annex C

### Definitions of policy and health systems indicators

Indicator	Definition	Criteria for ranking
Maternity protection in accordance with ILO Convention 183	International Labour Organization Convention 183 ratified by the country or national legislation in compliance with three key provisions of International Labour Organization Convention 183 (length of maternity leave and level and source of funding of maternity benefits, namely 14 weeks paid at 66% of previous earnings by social security or general revenue).	<p>Yes: International Labour Organization Convention 183 ratified (maternity leave of at least 14 weeks with cash benefits of previous earnings paid by social security or public funds).</p> <p>Partial: International Labour Organization Convention 183 not ratified but previous maternity convention ratified (maternity leave of at least 12 weeks with cash benefits of previous earnings paid by social security or public funds).</p> <p>No: no ratification of any maternal protection convention.</p>
Notification of maternal deaths	National policy adopted requiring health professionals to notify any maternal death to a responsible national body.	<p>Yes: national policy adopted and implemented.</p> <p>Partial: national policy adopted but no systematic implementation.</p> <p>No: no national policy adopted.</p>
Midwifery personnel authorized to deliver basic emergency obstetric and newborn care	<p>National policy adopted authorizing midwives to deliver:</p> <ul style="list-style-type: none"> <li>• parental antibiotics</li> <li>• parenteral oxytocics</li> <li>• parental anticonvulsants</li> <li>• manual removal of placenta</li> <li>• removal of retained products of conception,</li> <li>• assisted vaginal delivery and newborn resuscitation.</li> </ul>	<p>Criteria for ranking (2010):</p> <p>Yes: midwives authorized for all tasks.</p> <p>Partial: midwives authorized for some tasks.</p> <p>No: midwives not authorized for any of these tasks.</p>
International Code of Marketing of Breastmilk Substitutes	National policy adopted on all provisions stipulated in International Code of Marketing of Breastmilk Substitutes.	<p>Yes: all provisions stipulated in International Code of Marketing of Breastmilk Substitutes adopted in legislation.</p> <p>Partial: voluntary agreements or some provisions stipulated in International Code of Marketing of Breastmilk Substitutes adopted in legislation.</p> <p>No: no legislation and no voluntary agreements adopted in relation to the International Code of Marketing of Breastmilk Substitutes.</p>
Postnatal home visits in the first week of life	National policy recommending home visits to mother and newborn in the first week after childbirth by a trained provider adopted and implemented.	<p>Yes: national policy or guidelines recommending postnatal home visits adopted and implemented.</p> <p>Partial: national policy or guidelines recommending postnatal home visits adopted but no implementation.</p> <p>No: no national policy or guidelines on postnatal home visits adopted.</p>
Community-based management of pneumonia	National policy or guidelines authorizing case management of pneumonia in the community by a trained provider adopted and implemented.	<p>Yes: national policy or guidelines adopted on the identification and treatment of pneumonia by trained providers in the community and implementation commenced.</p> <p>Partial: national policy or guidelines adopted on the identification and treatment of pneumonia by trained providers in the community but no implementation or no national policy or guidelines adopted but implementation in selected areas.</p> <p>No: no national policy or guidelines on the identification and treatment of pneumonia by trained providers and no implementation.</p>
Low-osmolarity oral rehydration salts and zinc for diarrhoea	National policy on management of diarrhoea with low-osmolarity oral rehydration salts and zinc adopted and implemented.	<p>Yes: national policy or guidelines adopted on use of low-osmolarity oral rehydration salts and zinc for management of diarrhoea and implementation commenced.</p> <p>Partial: national policy or guidelines adopted on use of low-osmolarity oral rehydration salts and zinc for management of diarrhoea but no implementation; or no national policy or guidelines adopted but implementation in selected areas; or national policy or guidelines adopted or implementation commenced for either low-osmolarity oral rehydration salts or zinc use, but not for both.</p> <p>No: no national policy or guidelines adopted on use of low-osmolarity oral rehydration salts and zinc for management of diarrhoea and no implementation</p>



Indicator	Definition	Criteria for ranking
Rotavirus vaccine policy	National policy or guidelines on rotavirus vaccine adopted and implemented.	Yes: the rotavirus vaccine has been introduced in the national immunization programme. Partial: the policy to introduce the vaccine in the national immunization programme is agreed upon. No: the rotavirus vaccine has not been introduced in the national immunization programme.
Pneumococcal vaccine	National policy or guidelines on pneumococcal vaccine adopted and implemented.	Yes: the pneumococcal vaccine has been introduced in the national immunization programme. Partial: the policy to introduce the vaccine in the national immunization programme is agreed upon. No: the pneumococcal vaccine has not been introduced in the national immunization programme.
Costed implementation plan for maternal, newborn and child health	National plan for scaling-up maternal, newborn and child health interventions available and costed.	Yes: costed plan or plans to scale up maternal, newborn and child health interventions available at the national level. Partial: costed plan available for either maternal and newborn health or child health. No: no costed implementation plan for maternal, newborn and child health available.
Density of health workers	Proportion of physicians, nurses and midwives who are available per 10,000 population.	Percentage
National availability of emergency obstetric services	Number of emergency obstetric care facilities per 20,000 births: total number of basic and comprehensive emergency obstetric care facilities relative to the annual number of births in a country	Percentage Discuss Benchmark interpretation: 1 emergency obstetric care facilities per 500,000 population Emergency obstetric care facilities per equivalent of 5 basic and 1 comprehensive facilities
Per capita total expenditure on health		Numerical
General government expenditure on health as a share of total government expenditure on health		Numerical
Out-of-pocket expenditure as a share of total expenditure on health		Numerical

The policy indicators compiled by the *Countdown* health systems and policies technical working group are the result of a biannual survey implemented by the World Health Organization's Department of Maternal, Newborn, Child and Adolescent Health. Indicators are developed as a composite measure summarizing the presence and implementation of a given policy. If a policy is endorsed and implemented, the value of the indicator is marked as "Yes". If the policy is not endorsed, the value of the indicator is marked as "No". For policies that are endorsed but are lacking implementation the indicator is marked as "Partial". Respondents to the survey are Ministry of Health officials responsible for maternal, newborn, child and adolescent health in their country. The information reported is independently validated by World Health Organization country office and at least one other UN organization that operates in the country. Data analysis and compilation are done by the World Health Organization. Other special surveys using similar methodologies and questions, such as United Nations Children's Fund surveys on the case management of child diseases at the community level, are used to update policy indicators that may change faster during the two years survey gap. Data reported are collected by the 2011 World Health Organization policy survey.

The *Countdown* Financing Working Group analysed 2009 official development assistance disbursements in the Organisation for Economic Co-operation and Development Development Assistance Committee Creditor Reporting System Aid Activities database using previously implemented methods (Powell-Jackson and others 2006). Data were downloaded on 25 November 2011 and included 222,661 records of aid disbursement. All records were reviewed to correct errors in the classification of health expenditures within the database. Records were manually coded against a framework defining maternal, newborn and child health activities such that, broadly, maternal and newborn health activities were defined as those that aim to restore, improve or maintain the health of women and their newborn during pregnancy, childbirth and the postnatal period, and child health activities were defined as those that aim to restore, improve or maintain the health of children between ages 1 month and 5 years. Based on these codes, each record was subsequently given an allocation factor between 0% to 100% representing the proportion of expenditures spent on maternal, newborn and child health. Allocation factors were established following a literature review as well as current financial (for example, general government expenditure on health as a percentage of total government expenditure), epidemiological (for example, percentage of a population group with HIV) and population estimates (for example, percentage of population under age 5). Official development assistance from all 22 bilaterals, six multilaterals and two global health initiatives to the *Countdown* priority countries were analysed and reported in two indicators: official development assistance to child health per child and official development assistance to maternal and neonatal health per live birth.

## Annex D

### Essential interventions for reproductive, maternal, newborn and child health

Adolescence and pre-pregnancy	Pregnancy (antenatal)	Childbirth
<ul style="list-style-type: none"> <li>Family planning (advice, hormonal and barrier methods, and surgical methods)</li> <li>Prevention and management of sexually transmitted infections and HIV</li> <li>Folic acid fortification and supplementation to prevent neural tube defects</li> </ul>	<ul style="list-style-type: none"> <li>Iron and folic acid supplementation</li> <li>Tetanus vaccination</li> <li>Prevention and management of malaria with insecticide-treated nets and antimalarial medicines</li> <li>Prevention and management of sexually transmitted infections and HIV, including with antiretroviral medicines</li> <li>Calcium supplementation to prevent hypertension (high blood pressure)</li> <li>Interventions for cessation of smoking</li> <li>Screening for and treatment of syphilis</li> <li>Low-dose aspirin to prevent pre-eclampsia</li> <li>Antihypertensive drugs (to treat high blood pressure)</li> <li>Magnesium sulphate for eclampsia</li> <li>Antibiotics for preterm prelabour rupture of membranes</li> <li>Corticosteroids to prevent respiratory distress syndrome in preterm babies</li> <li>Safe abortion</li> <li>Postabortion care</li> <li>Reduction of malpresentation at term with External Cephalic Version</li> <li>Induction of labour to manage prelabour rupture of membranes at term (initiate labour)</li> </ul>	<ul style="list-style-type: none"> <li>Prophylactic uterotonics to prevent postpartum haemorrhage (excessive bleeding after birth)</li> <li>Manage postpartum haemorrhage using uterine massage and uterotonics</li> <li>Social support during childbirth</li> <li>Active management of third stage of labour (to deliver the placenta) to prevent postpartum haemorrhage (as above plus controlled cord traction)</li> <li>Management of postpartum haemorrhage (as above plus manual removal of placenta)</li> <li>Screen and manage HIV (if not already tested)</li> <li>Caesarean section for maternal or foetal indication (to save the life of the mother or baby)</li> <li>Prophylactic antibiotic for caesarean section</li> <li>Induction of labour for prolonged pregnancy (initiate labour)</li> <li>Management of postpartum haemorrhage (as above plus surgical procedures)</li> </ul>
Postnatal (mother)	Postnatal (newborn)	Infancy and childhood
<ul style="list-style-type: none"> <li>Family planning advice and contraceptives</li> <li>Nutrition counselling</li> <li>Screening for and initiation or continuation of antiretroviral therapy for HIV</li> <li>Treatment of maternal anaemia</li> <li>Detection and management of postpartum sepsis (serious infections after birth)</li> </ul>	<ul style="list-style-type: none"> <li>Immediate thermal care (to keep the baby warm)</li> <li>Initiation of early breastfeeding (within the first hour)</li> <li>Hygienic cord and skin care</li> <li>Neonatal resuscitation with bag and mask (by professional health workers for babies who do not breathe at birth)</li> <li>Kangaroo mother care for preterm (premature) and babies weighing less than 2,000 grams</li> <li>Extra support for feeding small and preterm babies</li> <li>Management of newborns with jaundice ("yellow" newborns)</li> <li>Prophylactic antiretroviral therapy for babies exposed to HIV</li> <li>Presumptive antibiotic therapy for newborns at risk of bacterial infection</li> <li>Surfactant (respiratory medication) to prevent respiratory distress syndrome in preterm babies</li> <li>Continuous positive airway pressure to manage babies with respiratory distress syndrome</li> <li>Case management of neonatal sepsis, meningitis and pneumonia</li> </ul>	<ul style="list-style-type: none"> <li>Exclusive breastfeeding for six months</li> <li>Continued breastfeeding and complementary feeding from six months</li> <li>Prevention and case management of childhood malaria</li> <li>Vitamin A supplementation from six months of age</li> <li>Routine immunization plus H. influenzae, meningococcal, pneumococcal and rotavirus vaccines</li> <li>Management of severe acute malnutrition</li> <li>Case management of childhood pneumonia</li> <li>Case management of diarrhoea</li> <li>Comprehensive care of children infected with or exposed to HIV</li> <li>Case management of meningitis</li> </ul>

*Note:* Policy and regulations are crucial to the implementation of any interventions. The recommended list of interventions should be reviewed in light of the existing national policy and regulatory environment. All interventions should comply with the laws and policies of the country. When required, these laws and policies may be reviewed and updated to ensure that priority life-saving interventions are delivered.

*Source:* PMNCH, WHO and Aga Khan University 2011.

## Annex E

### Countdown priority countries considered to be malaria endemic

Table E1 organizes the *Countdown* countries according to the percentage of the population at risk of *Plasmodium falciparum* transmission. Only countries with at least 75% of the population at risk of *Plasmodium falciparum* transmission were included in the analyses for the malaria indicators in this report.

TABLE E1

***Plasmodium falciparum* transmission risk in Countdown countries**

Countries with at least 75% of the population at risk (N=50)		Countries with less than 75% of the population at risk (N=25)	
Afghanistan	Malawi	Azerbaijan	
Angola	Mali	Bangladesh	
Benin	Mauritania	Botswana	
Bolivia	Mozambique	Brazil	
Burkina Faso	Nepal	Burundi	
Cameroon	Niger	Cambodia	
Central African Republic	Nigeria	China	
Chad	Pakistan	Djibouti	
Comoros	Papua New Guinea	Egypt	
Congo	Philippines	Ethiopia	
Congo, Dem. Rep. of the	Rwanda	Indonesia	
Cote d'Ivoire	Sao Tome and Principe	Iraq	
Equatorial Guinea	Senegal	Korea, Dem Peoples Republic of	
Eritrea	Sierra Leone	Kyrgyzstan	
Gabon	Solomon Islands	Lao, People's Democratic Republic	
Gambia	Somalia	Lesotho	
Ghana	Sudan	Mexico	
Guatemala	South Sudan	Morocco	
Guinea	Tanzania, United Republic	Myanmar	
Guinea-Bissau	Togo	Peru	
Haiti	Uganda	South Africa	
India	Viet Nam	Swaziland	
Kenya	Yemen	Tajikistan	
Liberia	Zambia	Turkmenistan	
Madagascar		Uzbekistan	
		Zimbabwe	

Source: World Health Organization Global Malaria Programme ([www.who.int/malaria/about\\_us/](http://www.who.int/malaria/about_us/)).

## **Annex F**

### **Details on estimates from the Inter-agency Group for Child Mortality Estimation used in the Countdown report**

#### **Child mortality estimates**

The child mortality estimates in this report (infant mortality rate, under-five mortality rate and under-five deaths) are based on the work of the Inter-agency Group for Child Mortality Estimation, which includes the United Nations Children's Fund (UNICEF), the World Health Organization (WHO), the United Nations Population Division and the World Bank. The estimates are the official UN estimates for measuring progress towards Millennium Development Goal 4—reducing child mortality. The Inter-agency Group for Child Mortality Estimation compiles data available from all possible nationally representative sources for a country, including household surveys, censuses, vital registration and then like, and uses a model to fit a regression line to the data to produce the mortality estimates. Estimates are updated every year after a detailed review of all newly available data points. The review occasionally results in adjustments to previously reported estimates. The full time series for all countries is published at [www.childinfo.org](http://www.childinfo.org) and [www.childmortality.org](http://www.childmortality.org).

#### **Maternal mortality estimates**

Maternal mortality estimates for 2010 are based on the work of an interagency group comprising the WHO, UNICEF, the United Nations Population Fund and the World Bank. The model-based estimates use a dual approach to take into account the frequent underreporting and misclassification of maternal deaths. For more information, see WHO, UNICEF, UNFPA and World Bank (2012).

#### **Immunization**

The immunization data published in this report are based on the work of the WHO and UNICEF. The estimates should not be confused with other sources of information, such as Demographic and Health Surveys, Multiple Indicator Cluster Surveys, or Ministries of Health. The WHO and UNICEF derive national estimates of immunization coverage each year and send each country a draft report for review. Based on comments and new evidence from the country reviews, final reports are published in August with data for the preceding year. All new evidence, such as final survey reports received after publication, are taken into consideration for the following year's estimates. For each country's final report for 2010 as well as data sources and a description of trends, see [www.childinfo.org](http://www.childinfo.org).

#### **Water and sanitation**

The drinking water and sanitation coverage estimates are produced by the WHO–UNICEF Joint Monitoring Programme for Water Supply and Sanitation. The estimates are the official UN estimates for measuring progress towards the Millennium Development Goal targets for drinking water and sanitation. They use a standard classification of what constitutes coverage. The Joint Monitoring Programme does not report the findings of the latest nationally representative household survey or census. Instead, it estimates coverage using a linear regression line that is based on coverage data from all available household sample surveys and census. For specific country data, see [www.childinfo.org](http://www.childinfo.org) and [www.wssinfo.org](http://www.wssinfo.org).

# Notes



1. Commission on Accountability for Women's and Children's Health 2011.
2. Barros and others 2012.
3. UNICEF 2012.
4. Lawn and others forthcoming.
5. UNICEF, WHO, World Bank and UNDESA 2012.
6. UNICEF, WHO, World Bank and UNDESA 2012.
7. Black and others 2008.
8. UNICEF, WHO, World Bank and UNDESA 2012.
9. Black and others 2008.
10. Victora and others 2010.
11. [www.scalingupnutrition.org](http://www.scalingupnutrition.org); [www.gainhealth.org](http://www.gainhealth.org); [www.thousanddays.org](http://www.thousanddays.org).
12. Bryce and others 2008.
13. WHO 1985; Villar and others 2006.
14. WHO, UNAIDS and UNICEF 2011.
15. Boerma and others 2008.
16. Barros and others 2012.
17. WHO 2007.
18. Informal Meeting on Provision of Home-Based Care to Mother and Child in the First Week after Birth: Follow-up to the Joint WHO/UNICEF Statement on home visits for the newborn child, March 2012.
19. WHO and UNICEF 2004.
20. WHO 2012.
21. ILO 2001.
22. WHO 1981.
23. WHO 2006.
24. WHO 2006.
25. Rowe and others 2005.
26. WHO 2010a.
27. UN 2010.
28. Global Health Workforce Alliance 2011.
29. Nyamtema and others 2011.
30. Taylor and others 2011.
31. Kruk and others 2010.
32. Dwyer 2011.
33. Management Sciences for Health 2010.
34. Vujicic and others 2012.
35. Global Health Expenditure Database (<http://apps.who.int/nha/database/PreDataExplorer.aspx?d=a>, accessed 2 March 2012)
36. Global Health Expenditure Database (<http://apps.who.int/nha/database/PreDataExplorer.aspx?d=a>, accessed 2 March 2012)
37. WHO National Health Accounts database.
38. WHO 2010b.
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40. Ekman and others 2008.
41. Powell-Jackson and others 2006.
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43. PMNCH 2011.

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