

2011 HDR Statistical Tables and 2011 MDG Report: Comparison of common indicators

As part of the efforts to reduce discrepancies in estimates of similar indicators in various UN Reports, HDRO undertook an assessment of statistics published in its 2011 Human Development Report (HDR) and the 2011 Millennium Development Goals Report (MDGR) to see whether there are any differences in values published on indicators that appear to be similar and determine the reasons for the different estimates. There were a total of twenty-one indicators covered under this assessment of which thirteen are the same in terms the concept and definition. Of these, different values were published for only three—Adolescent fertility rates, Contraceptive prevalence rates and Under-five mortality rates. There are eight indicators that differ in conceptualization and definitions (see Table 1 for indicators included in the assessment). The Comment Column gives an indication of why the estimates published in the two reports differ. HDRO will continue to work with The MDG Group. to move towards common data sources and reference year for all indicators which share a common definition.

Table 1: Comparison of selected indicators published in HDR 2011 and MDGR 2011.						
	2011 HDR Indicators			2011 MDG Indicators		
	[Table, Indicator]	Source for HD indicator	Reference year/period	MDG indicator or the closest MDG	Source, Reference year/period	Comment
1	T4: Maternal mortality ratio per 100,000 live births	WHO/UNICEF/UNFPA and World Bank 2010	Adjusted 2008	5.1 Maternal mortality ratio per 100,000 live births	WHO/UNICEF/UNFPA and World Bank 2010 Adjusted 2008	<i>No Difference</i>
2	T4: Adolescent fertility rates (women aged 15–19) per 1,000 women	UNDESA Population Division, World Population Prospects (WPP), 2010 Revision	Projected average for 2010-2015	5.4 Adolescent birth rate, per 1,000 women	UNDESA Population Division, National estimates, Differential years, 1990-2010	<i>Difference</i> MDGR estimates are from different sources, including data from WPP, 2008 Revisions. 2011 HDR data are more recent.
3	T4: Share of seats in parliament, women (%)	Inter-Parliamentary Union	2011	3.3 Seats held by women in national parliament, (%)	IPU, the latest for the period 2001-2010	<i>Difference</i> in definition/coverage: HDR: both houses (Single or lower

						chamber and upper house or senate) while MDGR uses single or lower house only.
4	T4: Population with at least secondary education (female and males)	UNESCO Institute for Statistics and Barro-Lee (www.barrolee.com)	2010	3.2 Ratio of literate women to men, 15-24 years old	UIS 1991-2010	<i>Different definitions</i>
5	T4: Contraceptive prevalence rates, any method, (% of married women , ages 15-49)	UNICEF/WHO based on MICS, DHS and other national sources UNICEF (2011) "State of World's Children"	2005-2009	5.3 Current contraceptive use among married women 15-49 years old, any method, percentage	UNDESA Pop Div/UNFPA/WHO 1990-2010 "World Contraceptive Use"	<i>Small differences which may have arisen from adjustments made by the United Nations Population Division to improve comparability across countries or different cut-off dates for publication?</i>
6	T4: Antenatal coverage of at least one visit (%)	UNICEF (2011) "State of World's Children"	2005-2009	5.5 Antenatal care coverage, at least one visit, percentage	UNICEF/WHO/UNFPA 1990-2009	<i>No Difference</i>
7	T4: Births attended by skilled health personnel (%)	UNICEF	2005-2009	5.2 Births attended by skilled health personnel, percentage	UNICEF, 1990-2009	<i>No difference</i>
8	T5: Population below PPP US\$1.25/day	World Bank	2000-2009	1.1 MDGR still refers to the indicators as Population below \$1 (PPP) per day. (The definition is the same as HDRs--\$1.25 PPP)	World Bank 1990-2009	<i>No difference</i>
9	T5: Population below national poverty line	World Bank	2000-2009	1.1 Population below national poverty line,	World bank 1990-2009	<i>No difference</i>

	(%)			total, (%)		
10	T6: CO2 emissions per capita (tonnes)	CDIAC	2008	7.2 Carbon dioxide emissions (CO2), metric tons of CO2 per capita (CDIAC)	CDIAC 1990-2008	<i>No difference</i>
11	T6: Proportion of land area covered by forest (%)	FAO	1980-2008	7.1 Proportion of land area covered by forest, (%)	FAO 1990-2010	<i>Very light differences due to rounding</i>
12	T6: Endangered species (% of all species)	IUCN	2010	7.7 Proportion of species threatened with extinction	UNEP/IUCN 2010	<i>No difference</i>
13	T6: Fresh water withdrawals (% of actual total renewable)	FAO (2011) "State of land and Water"	2003-2010	7.5 Proportion of total water resources used	FAO 1990-2010	Different definitions
14	T7: Wasting among under-5 population (%)	WHO (2010) World Health Statistics	2000-2009	1.8 Children under 5 severely underweight, percentage	UNICEF 1990-2008	<i>No difference</i>
15	T7: Deaths due to malaria, all ages (per 100,000 people)	WHO (2010) World malaria report	2009	6.6 Malaria death rate per 100,000 population, all ages	WHO, 2008	<i>No difference</i>
16	T7: One-year-olds lacking immunization against measles (%)	WHO (2010) World Health Statistics	2009	4.3 Children 1 year old immunized against measles, percentage	WHO, 2009	<i>No difference</i>
17	T9: Under five mortality rate (per 1000 live births)	UNICEF/WHO UNICEF (2011) "State of World's Children"	2009	4.1 Children under five mortality rate per 1,000 live births	UNICEF, national , 2009	<i>Small differences</i> The MDG data were updated in September 2011 while HDR data were accessed on May 15th
18	T9: HIV prevalence among youth – female (% ages 15-24)	UNICEF/UNAIDS UNICEF (2011) "State of World's Children"	2009	6.1 HIV prevalence rate, women 15-49 years old, in national	UNAIDS, 2001-2009	<i>Difference</i> Different reference

				based surveys		population
19	T9: HIV prevalence among youth – male (% ages15-24)	UNICEF/UNAIDS UNICEF (2011) “State of World’s Children”	2009	6.1 HIV prevalence rate, men 15-49 years old, in national based surveys	UNAIDS, 2001-2009	<i>Difference</i> Different reference population
20	T9: Gross enrollment ratio in primary	UNESCO Institute for Statistics	2001-2010	2.1 Total net enrolment in primary education	UNESCO Institute for Statistics (1991-2010)	Different definitions
21	T10: Net ODA received (% of recipient's GNI)	World Bank: World Development Indicators; Originated in OECD	2009	8.1 Net ODA to LDCs as percentage of OECD/DAC donors GNI	OECD, 1990-2009	Different definitions HDR reports on ODA received as % of recipient country’s GNI while MDG reports ODA disbursed to LDC as % of donor countries GNI.