



WHO / UNICEF

**Joint Monitoring Programme
for Water Supply and Sanitation**

Estimates for the use of

**Improved
Drinking-Water Sources**

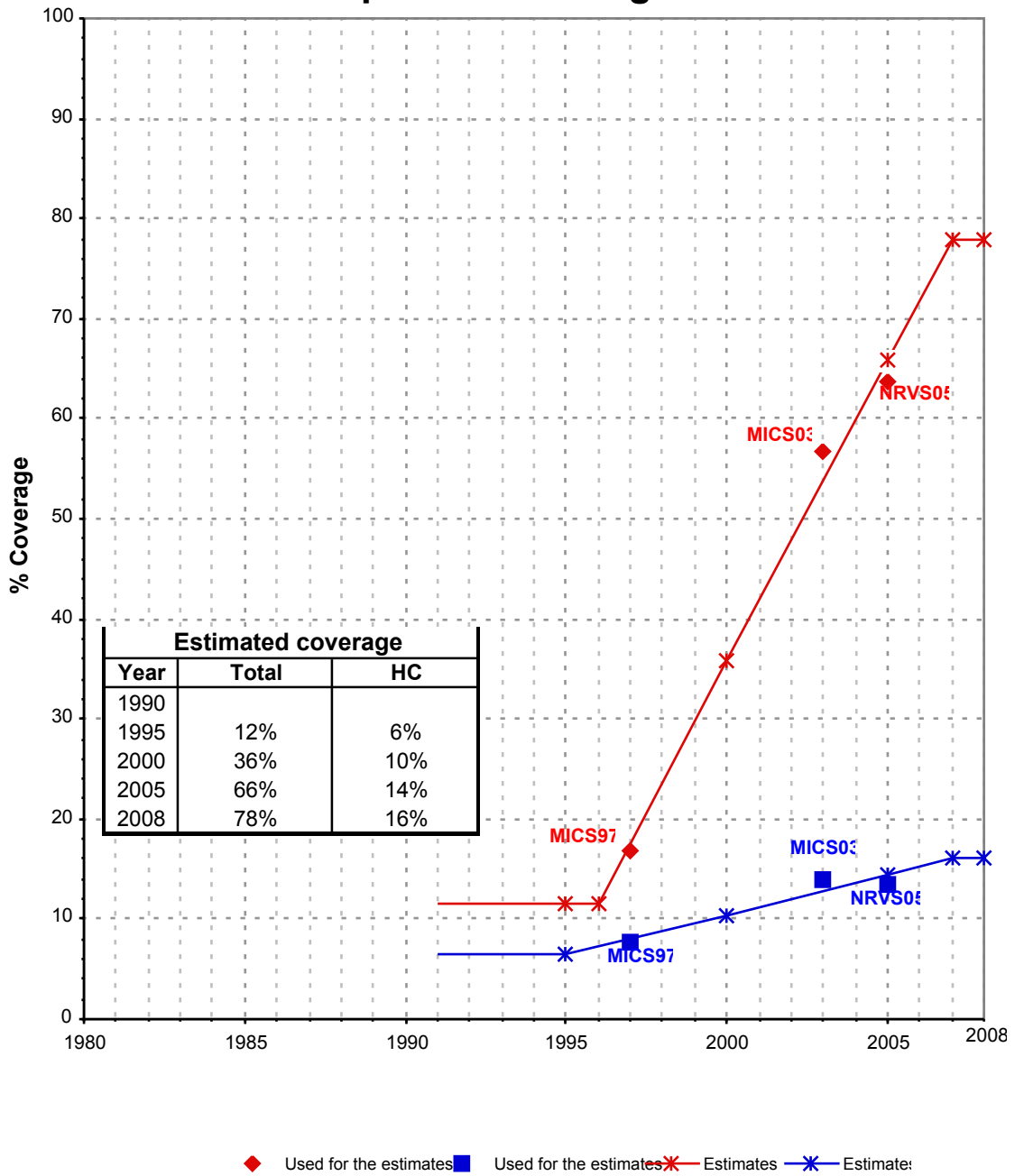
Updated March 2010

Afghanistan

Access to drinking water sources		NRVS05	Afghanistan		
National Risk & Vulnerability Survey					
Central Statistical Office			2005		
Original denomination	Classification	Urban	Rural	Total	
Piped - Municipal, Gravity, Motorized	Tap water	20.4	2.1		
	House connections				
	Piped water into dwelling				
	Piped water to yard/plot				
	Public tap, standpipe				
	Other				
	Ground water	75.3	70.4		
	Protected ground water	43.7	23.7		
	Unprotected ground water	32.2	47.3		
	Protected wells or springs	43.7	23.7		
	Private	19.5	3.0		
	Public	21.1	17.2		
	Other				
	Unprotected wells or springs	32.2	47.3		
	Private	22.4	15.5		
	Public	9.4	13.5		
	Other				
	All wells	74.7	50.9		
	Private	42.0	18.5		
	Public	30.4	30.6		
	Other				
Bored well - Hand pumps or motorized	Tubewell, borehole	2.3	1.8		
	Private				
	Public				
	Other				
	Traditional wells	72.4	49.1		
	Private	42.0	18.5		
	Public	30.4	30.6		
	Other				
	Protected well	40.6	20.2		
Hand pump - In compound	Private	19.5	3.0		
Hand pump - Public	Public	21.1	17.2		
	Other				
	Unprotected well	31.8	28.9		
Shallow open well - In compound	Private	22.4	15.5		
Shallow open well - Public	Public	9.4	13.5		
	Other				
	All springs	0.6	19.5		
	Private				
	Public				
	Other				
Spring - Protected	Protected spring	0.2	1.2		
	Private				
	Public				
	Other				
Spring - Unprotected	Unprotected spring	0.4	18.4		
	Private				
	Public				
	Other				
	Rainwater				
	Covered cistern/tank				
	Uncovered cistern/tank				
	Bottled water				
	with other improved				
	without other improved				
	Surface water	2.6	19.4		
River, lake, canal	River	1.4	15.1		
	Lake				
Nawar Dand Dam	Dam	0.0	0.9		
	Pond				
	Stream				
Drainage	Irrigation channel		0.3		
Kanda, Pool Howz	Other	1.2	3.1		
	Other improved sources	0.2	6.9		
Arhad	Other	0.2	0.2		
Kariz	Other		6.7		
	Other non-improved	1.5	0.9		
	Cart with small tank/drum				
Bowser / Water tanker	Tanker truck provided	0.8	0.7		
Other	Other	0.7	0.2		
	Other				
	DK/missing				
	Total	100.0	99.8		
Calculations					
Estimations					
	HC, based on MICS97	13.5	0.0		
Access to improved drinking water sources :		64%	32%		
Access to house connections :		14%	0%		
Used for the estimates:		Yes	Yes		
Used for the estimates:		Yes	Yes		
Ratios	HC / Tap water				
	Public tap / Tap water				
	Tubewell + protected well / All wells	57%	43%		
	Protected wells / Traditional wells	58%	41%		
	Tubewell / All wells	3%	4%		
	Protected springs / All springs	31%	6%		
	Protect. well & spring / well & spring	57%	33%		
	Number of people covered by the survey:				
	Number of households covered by the survey:				
	Total population:				
Comments	Clarify what the following facilities are: Kariz, Arhad, Kanda..				

Afghanistan			DRINKING WATER							
			URBAN				RURAL			
			House connection		Total		House connection		Total	
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used
Multiple Indicator Cluster Survey	MICS97	1997	7.7		16.9		0.0		6.8	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		15.0		43.3		0.0		23.7
Multiple Indicator Cluster Survey	MICS00	2000						0.5		42.9
Multiple Indicator Cluster Survey	MICS03	2003	14.0		56.7		0.0		27.4	
National Risk & Vulnerability Survey	NRVS05	2005	13.5		63.7		0.0		32.1	

Afghanistan - urban - Use of improved drinking water sources



Afghanistan - rural - Use of improved drinking water sources

