

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

**Improved Drinking-Water Sources
and Improved Sanitation Facilities**

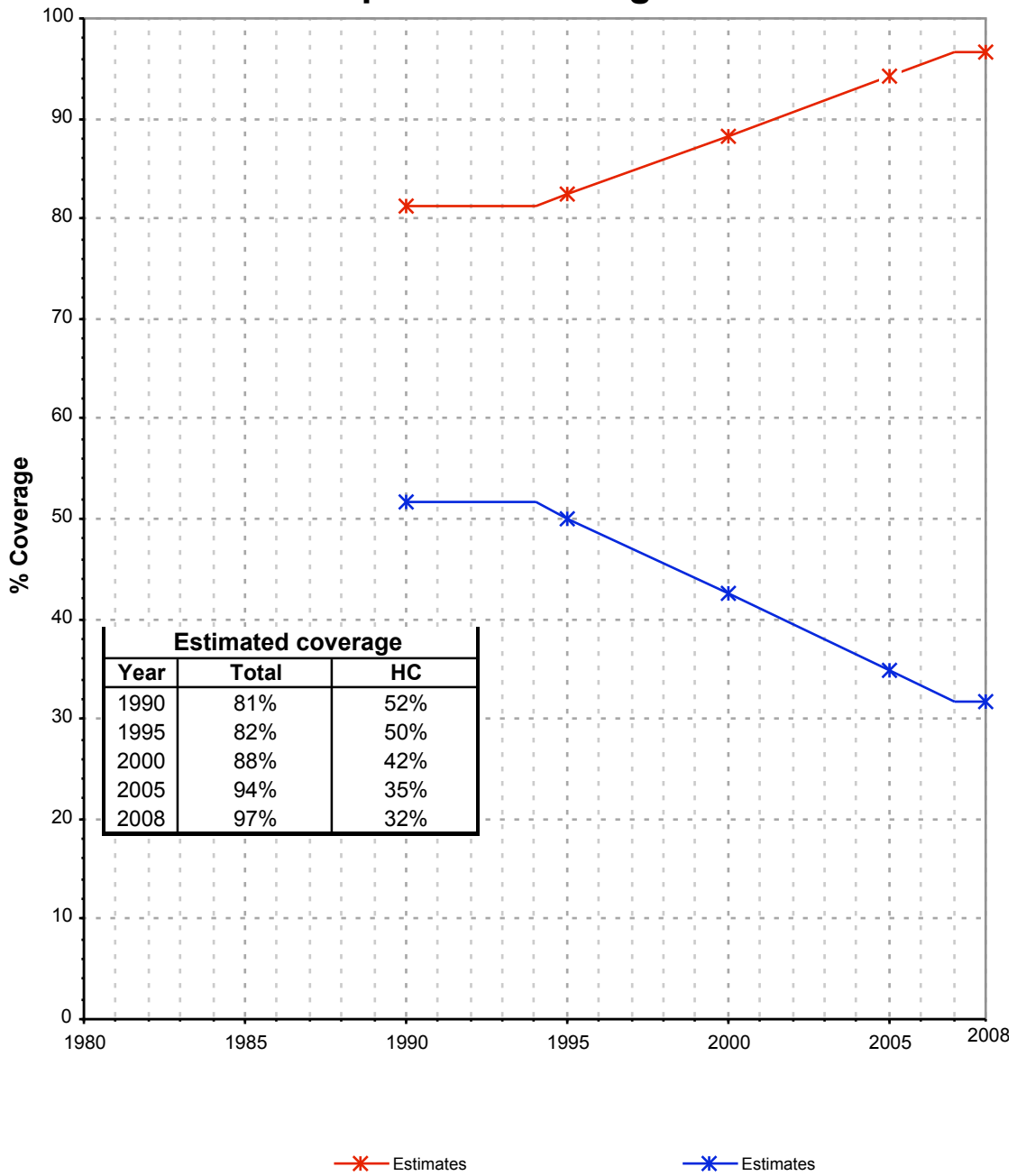
Updated March 2010

childinfo.org

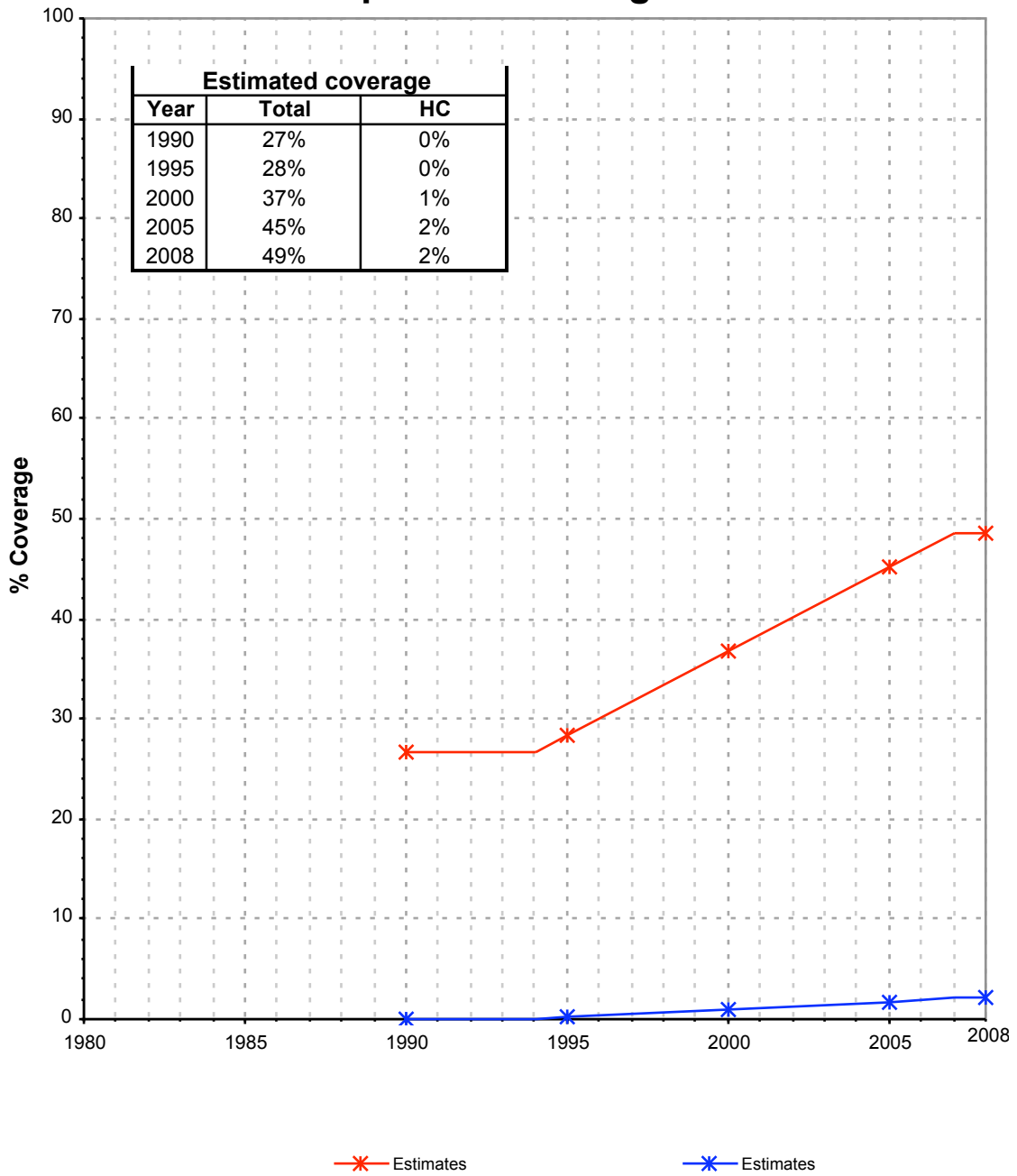
Access to drinking water sources		MICS00			Mongolia			Access to drinking water sources		PHS02			Mongolia		
Multiple Indicator Cluster Survey					2000			Pilot Household Survey					2002		
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total
		Tap water			76.1	7.7	39.1			Tap water			53.3	0.0	
		House connections	43.0	2.3	21.0			Household connection	House connections	40.8	0.0				
Piped into dwelling		Piped water into dwelling	42.3	1.9	20.4				Piped water into dwelling						
Piped into yard/plot		Piped water to yard/plot	0.7	0.4	0.6				Piped water to yard/plot						
Public tap		Public tap, standpipe	33.1	5.4	18.1			Connected kiosks to pipeline	Public tap, standpipe	12.5	0.0				
		Other							Other						
		Ground water			15.9	37.7	27.5			Ground water			8.8	17.3	
		Protected ground water	14.8	27.0	21.3				Protected ground water	8.7	16.6				
		Unprotected ground water	1.1	10.7	6.2				Unprotected ground water	0.1	0.7				
		Protected wells or springs	14.8	27.0	21.3				Protected wells or springs	8.7	16.6	0.0			
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected wells or springs	1.1	10.7	6.2				Unprotected wells or springs	0.1	0.7	0.0			
		Private							Private						
		Public							Public						
		Other							Other						
		All wells	15.8	37.4	27.4				All wells	8.8	17.3				
		Private							Private						
		Public							Public						
		Other							Other						
Tubewell/ borehole with pump		Tubewell, borehole	3.3	10.2	7.0			Borehole	Tubewell, borehole	8.7	16.6				
		Private							Private						
		Public							Public						
		Other							Other						
		Traditional wells	12.5	27.2	20.4				Traditional wells	0.1	0.7				
		Private							Private						
		Public							Public						
		Other							Other						
Protected dug well		Protected well	11.4	16.8	14.3			Protected dug well	Protected well	0.0	0.0				
		Private							Private						
		Public							Public						
		Other							Other						
Unprotected dug well		Unprotected well	1.1	10.4	6.1			Unprotected dug well	Unprotected well	0.1	0.7				
		Private							Private						
		Public							Public						
		Other							Other						
		All springs	0.7	0.3	0.1				All springs						
		Private							Private						
		Public							Public						
		Other							Other						
Protected spring		Protected spring	0.1	0.0	0.0				Protected spring						
		Private							Private						
		Public							Public						
		Other							Other						
Unprotected spring		Unprotected spring	0.0	0.3	0.1				Unprotected spring						
		Private							Private						
		Public							Public						
		Other							Other						
		Rainwater							Rainwater						
		Covered cistern/tank							Covered cistern/tank						
		Uncovered cistern/tank							Uncovered cistern/tank						
		Bottled water	0.0	0.1	0.1				Bottled water						
		with other improved							with other improved						
Bottle water		without other improved	0.0	0.1	0.1				without other improved						
Pond, river or stream		Surface water	3.2	49.6	28.3				Surface water						
		River							River						
		Lake							Lake						
		Dam							Dam						
		Pond							Pond						
		Stream							Stream						
		Irrigation channel							Irrigation channel						
		Other							Other						
		Other improved sources							Other improved sources						
		Other							Other						
		Other							Other						
		Other non-improved	4.8	4.9	4.9				Other non-improved						
		Cart with small tank/drum							Cart with small tank/drum						
Tanker truck vendor		Tanker truck provided	4.4	1.1	2.6				Tanker truck provided						
Other		Other	0.4	3.8	2.3				Other						
		Other							Other						
Missing		DK/missing	0.0	0.0	0.0				DK/missing						
		Total	100.0	100.0	99.9				Total	62.1	17.3				
Calculations								Calculations							
Estimations								Estimations							
Access to improved drinking water sources :			91%	35%	60%	Access to improved drinking water sources :			62%	17%					
Access to house connections :			43%	2%	21%	Access to house connections :			41%	0%					
Used for the estimates:			Yes	Yes		Used for the estimates:			No	No					
			Yes	Yes					Yes	Yes					
Ratios	HC / Tap water		57%	30%		Ratios	HC / Tap water		77%	#DIV/0!					
	Public tap / Tap water		43%	70%			Public tap / Tap water		23%	#DIV/0!					
	Tubewell + protected well / All wells		93%	72%			Tubewell + protected well / All wells		99%	96%					
	Protected wells / Traditional wells		91%	62%			Protected wells / Traditional wells		0%	0%					
	Tubewell / All wells		21%	27%			Tubewell / All wells		99%	96%					
	Protected springs / All springs		100%	0%			Protected springs / All springs								
	Protect. well & spring / well & spring		93%	72%			Protect. well & spring / well & spring		99%	96%					
Number of people covered by the survey:						Number of people covered by the survey:									
Number of households covered by the survey:						Number of households covered by the survey:									
Total population:						Total population:									
Comments						Comments	No non-improved breakdown of categories given								

Mongolia			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	MICS96	1996	47.0		74.7		0.0		30.2	
Reproductive Health Survey	RHS98	1998	46.5		95.5		0.6		34.7	
National Census	CEN98	1998		61.1		95.7		0.0		86.0
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		56.9		77.4		0.0		30.0
Multiple Indicator Cluster Survey	MICS00	2000	43.0		90.9		2.3		34.7	
Pilot Household Survey	PHS02	2002	40.8			62.0	0.0			16.6
Multiple Indicator Cluster Survey	MICS05	2005	33.4		90.9		2.0		45.9	

Mongolia - urban - Use of improved drinking water sources



Mongolia - rural - Use of improved drinking water sources



Drinking Water

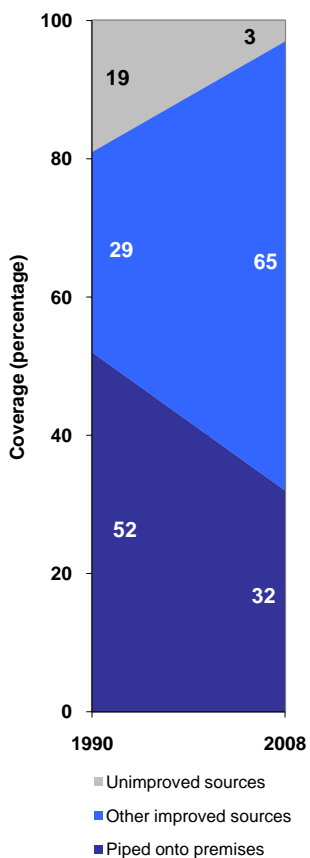
Mongolia	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	52	32	0	2	30	19
Other improved source	29	65	27	47	28	57
Unimproved source	19	3	73	51	42	24

Source: WHO/UNICEF JMP, 2010

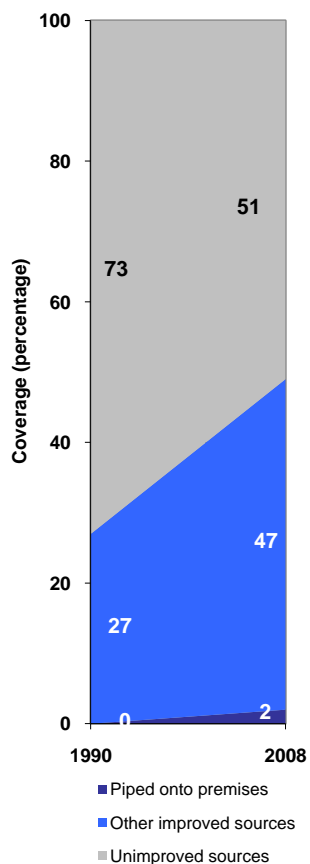
Mongolia	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	1264	1508	952	1133	2216	2641

Source: UN / Population Division, 2008

Urban drinking water trends



Rural drinking water trends



Total drinking water trends

