

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

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

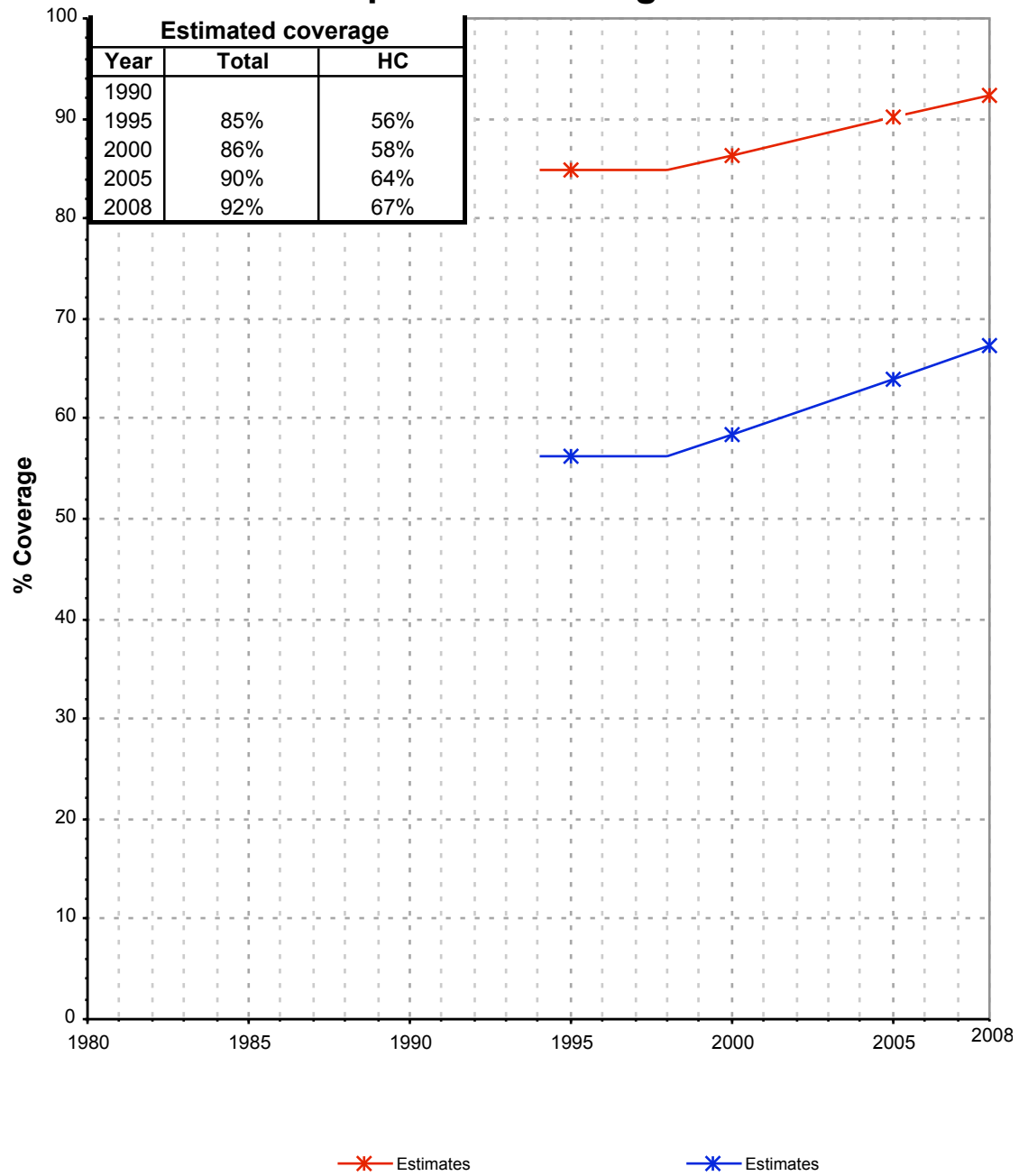
Updated March 2010

childinfo.org

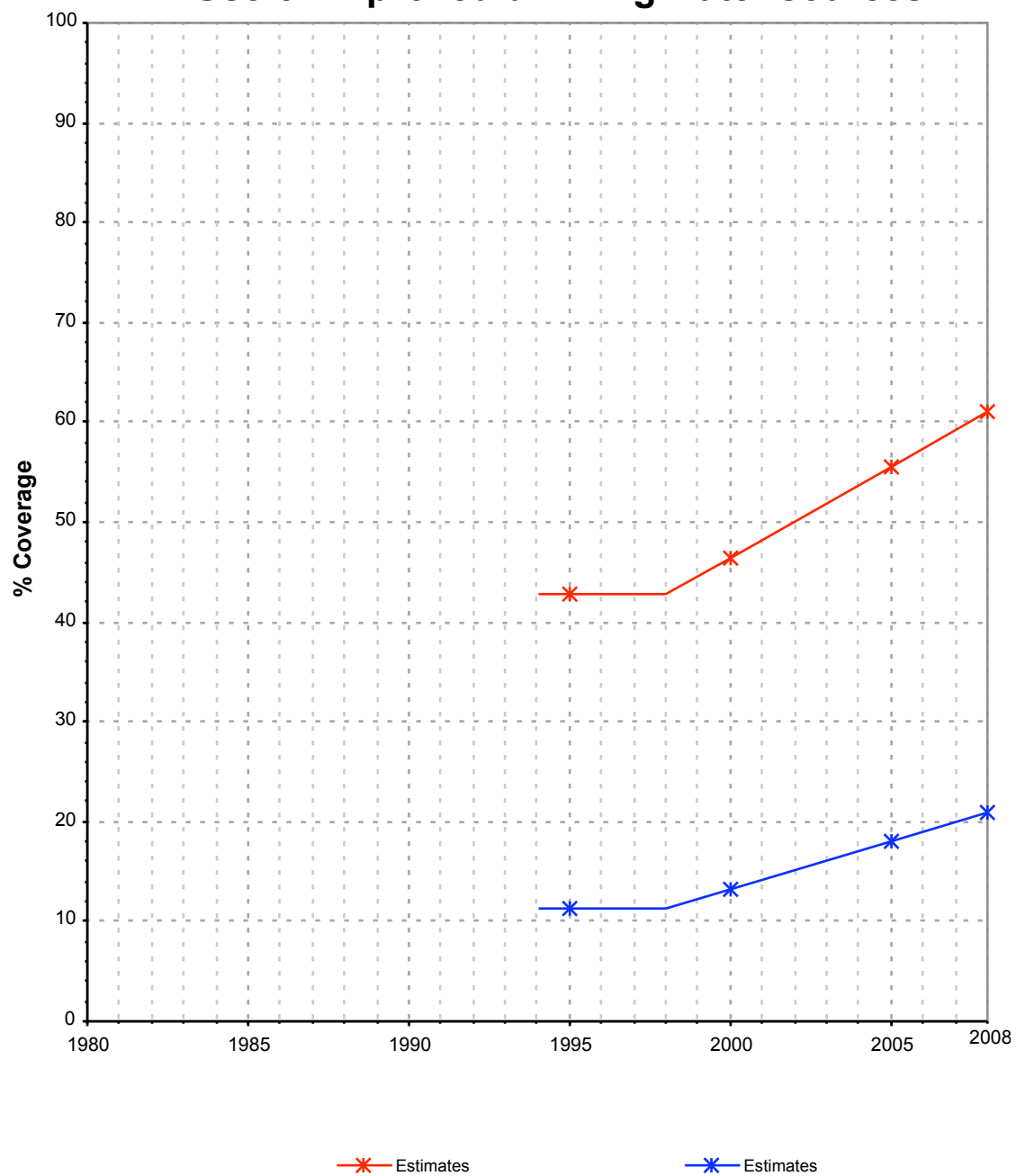
Access to drinking water sources		MICS00			Swaziland			Access to drinking water sources		WHS03			Swaziland		
Multiple Indicator Cluster Survey					World Health Survey					Report, December 2000					
2000					2003										
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
	Tap water	83.2	30.0	40.9		Tap water	81.5	43.6			Tap water	47.4	16.6		
	House connections	66.7	13.0	24.0	Piped water through house connection or yard	House connections					House connections				
Piped into dwelling	Piped water into dwelling	42.2	4.8	12.5		Piped water into dwelling					Piped water into dwelling				
Piped into yard or plot	Piped water to yard/plot	24.5	8.2	11.5		Piped water to yard/plot					Piped water to yard/plot				
Public tap	Public tap, standpipe	16.5	17.0	16.9	Public standpipe	Public tap, standpipe	34.1	27.1			Public tap, standpipe				
	Other					Other					Other				
	Ground water	7.7	27.5	23.3		Ground water	11.6	30.3			Ground water	6.0	15.1		
	Protected ground water	3.3	11.3	9.6		Protected ground water	6.0	15.1			Protected ground water	6.0	15.1	0.0	
	Unprotected ground water	4.4	16.2	13.7		Unprotected ground water	5.5	15.2			Unprotected ground water	5.5	15.2		
	Protected wells or springs	3.3	11.3	9.6		Protected wells or springs	6.0	15.1	0.0		Protected wells or springs	6.0	15.1	0.0	
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected wells or springs	4.4	16.2	13.7	Unprotected dug well or spring	Unprotected wells or springs	5.5	15.2			Unprotected wells or springs	5.5	15.2		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	All wells	7.7	27.5	23.3		All wells	6.0	15.1			All wells	6.0	15.1		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Tubewell/ borehole with pump	Tubewell, borehole	0.9	5.2	4.3	Protected tube well or bore hole	Tubewell, borehole	3.0	4.9			Tubewell, borehole	3.0	4.9		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Traditional wells	6.8	22.3	19.0		Traditional wells	3.1	10.2			Traditional wells	3.1	10.2		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected dug well	Protected well	2.4	6.1	5.3	Protected dug well or protected spring	Protected well	3.1	10.2			Protected well	3.1	10.2		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected dug well	Unprotected well	4.4	16.2	13.7		Unprotected well					Unprotected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	All springs	0.0	0.0	0.0		All springs					All springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected spring	Protected spring	0.0	0.0	0.0		Protected spring					Protected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected spring					Unprotected spring					Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Rainwater	0.0	0.4	0.3		Rainwater	0.8	1.4			Rainwater	0.8	1.4		
Rainwater collection	Covered cistern/tank	0.0	0.4	0.3	Rainwater (into tank or cistern)	Covered cistern/tank	0.8	1.4			Covered cistern/tank	0.8	1.4		
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank				
	Bottled water					Bottled water					Bottled water				
	with other improved					with other improved					with other improved				
	without other improved					without other improved					without other improved				
	Surface water	5.0	40.0	32.8	Water taken directly from pond-water or stream	Surface water	6.0	23.7			Surface water	6.0	23.7		
	River					River					River				
	Lake					Lake					Lake				
	Dam					Dam					Dam				
Pond, river, stream	Pond	5.0	40.0	32.8		Pond					Pond				
	Stream					Stream					Stream				
	Irrigation channel					Irrigation channel					Irrigation channel				
	Other					Other					Other				
	Other improved sources					Other improved sources					Other improved sources				
	Other					Other					Other				
	Other					Other					Other				
	Other non-improved	3.9	1.3	1.9		Other non-improved	0.1	1.0			Other non-improved	0.1	1.0		
	Cart with small tank/drum					Cart with small tank/drum					Cart with small tank/drum				
Tanker or truck vendor	Tanker truck provided	2.8	0.5	1.0	Tanker-truck, vendor	Tanker truck provided	0.1	1.0			Tanker truck provided	0.1	1.0		
Other	Other	1.1	0.8	0.9		Other					Other				
	Other					Other					Other				
Missing/DK	DK/missing	0.2	0.8	0.7		DK/missing					DK/missing				
	Total	100.0	100.0	99.9		Total	100.0	100.0			Total	100.0	100.0		
Calculations					Calculations					Calculations					
Estimations					Estimations					Estimations					
Access to improved drinking water sources :		87%	42%	51%	Access to improved drinking water sources :		88%	60%		Access to improved drinking water sources :		88%	60%		
Access to house connections :		67%	13%	24%	Access to house connections :		47%	17%		Access to house connections :		47%	17%		
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		
Ratios	HC / Tap water	80%	43%		Ratios	HC / Tap water	58%	38%		Ratios	HC / Tap water	58%	38%		
	Public tap / Tap water	20%	57%			Public tap / Tap water	42%	62%			Public tap / Tap water	42%	62%		
	Tubewell + protected well / All wells	43%	41%			Tubewell + protected well / All wells	100%	100%			Tubewell + protected well / All wells	100%	100%		
	Protected wells / Traditional wells	35%	27%			Protected wells / Traditional wells	100%	100%			Protected wells / Traditional wells	100%	100%		
	Tubewell / All wells	12%	19%			Tubewell / All wells	49%	32%			Tubewell / All wells	49%	32%		
	Protected springs / All springs	#DIV/0!	#DIV/0!			Protected springs / All springs					Protected springs / All springs				
	Protect. well & spring / well & spring	43%	41%			Protect. well & spring / well & spring	52%	50%			Protect. well & spring / well & spring	52%	50%		
Number of people covered by the survey:					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:					Number of households covered by the survey:					
Total population:					Total population:					Total population:					
Comments					Comments					Comments					

Swaziland			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	MICS00	2000	66.7		86.5		13.0		41.7	
World Health Survey	WHS03	2003	47.4		88.3		16.6		60.1	
Demographic and Health Survey	DHS07	2007	72.4		91.7		19.8		55.8	

Swaziland - urban - Use of improved drinking water sources



Swaziland - rural - Use of improved drinking water sources



Drinking Water

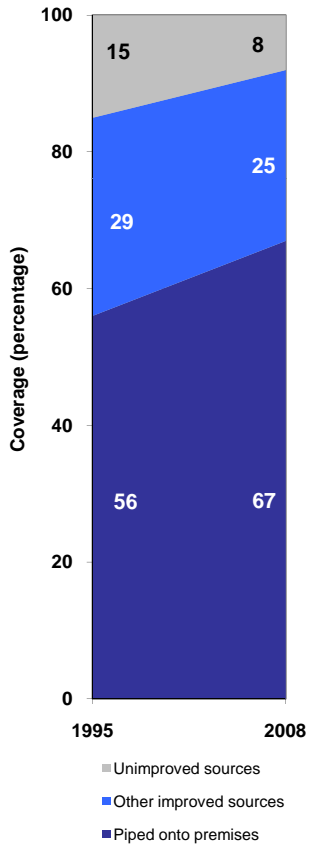
Swaziland	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1995	2008	1995	2008	1995	2008
Piped into premises	56	67	11	21	21	32
Other improved source	29	25	32	40	32	37
Unimproved source	15	8	57	39	47	31

Source: WHO/UNICEF JMP, 2010

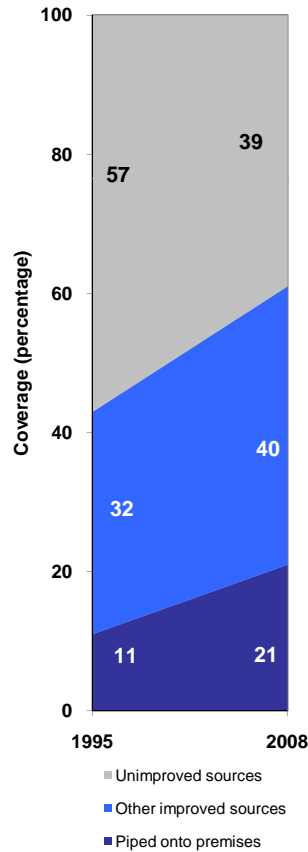
Swaziland	Urban		Rural		Total	
	1995	2008	1995	2008	1995	2008
Population (x1000)	223	290	746	877	969	1168

Source: UN / Population Division, 2008

Urban drinking water trends



Rural drinking water trends



Total drinking water trends

