

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

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

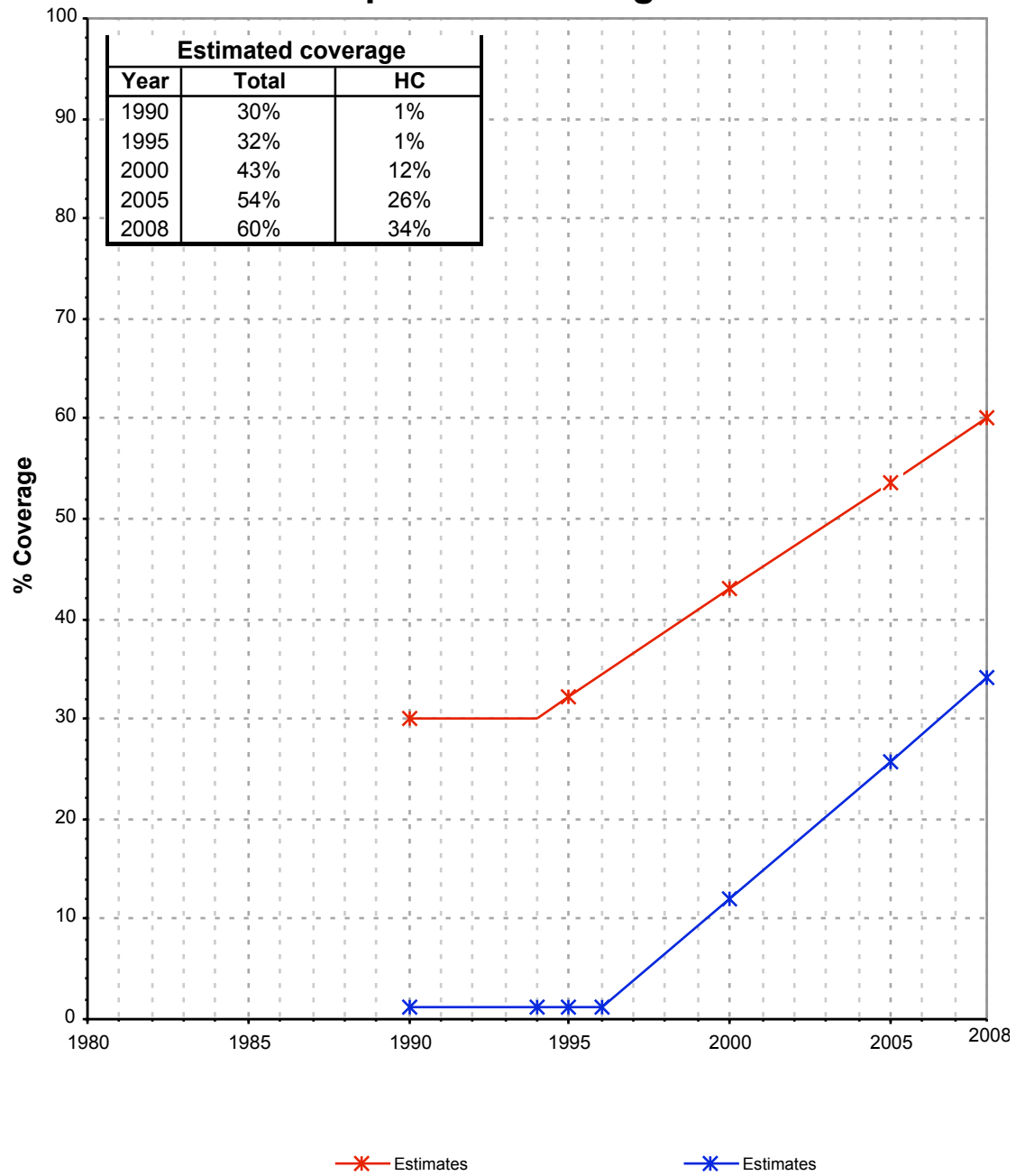
Updated March 2010

childinfo.org

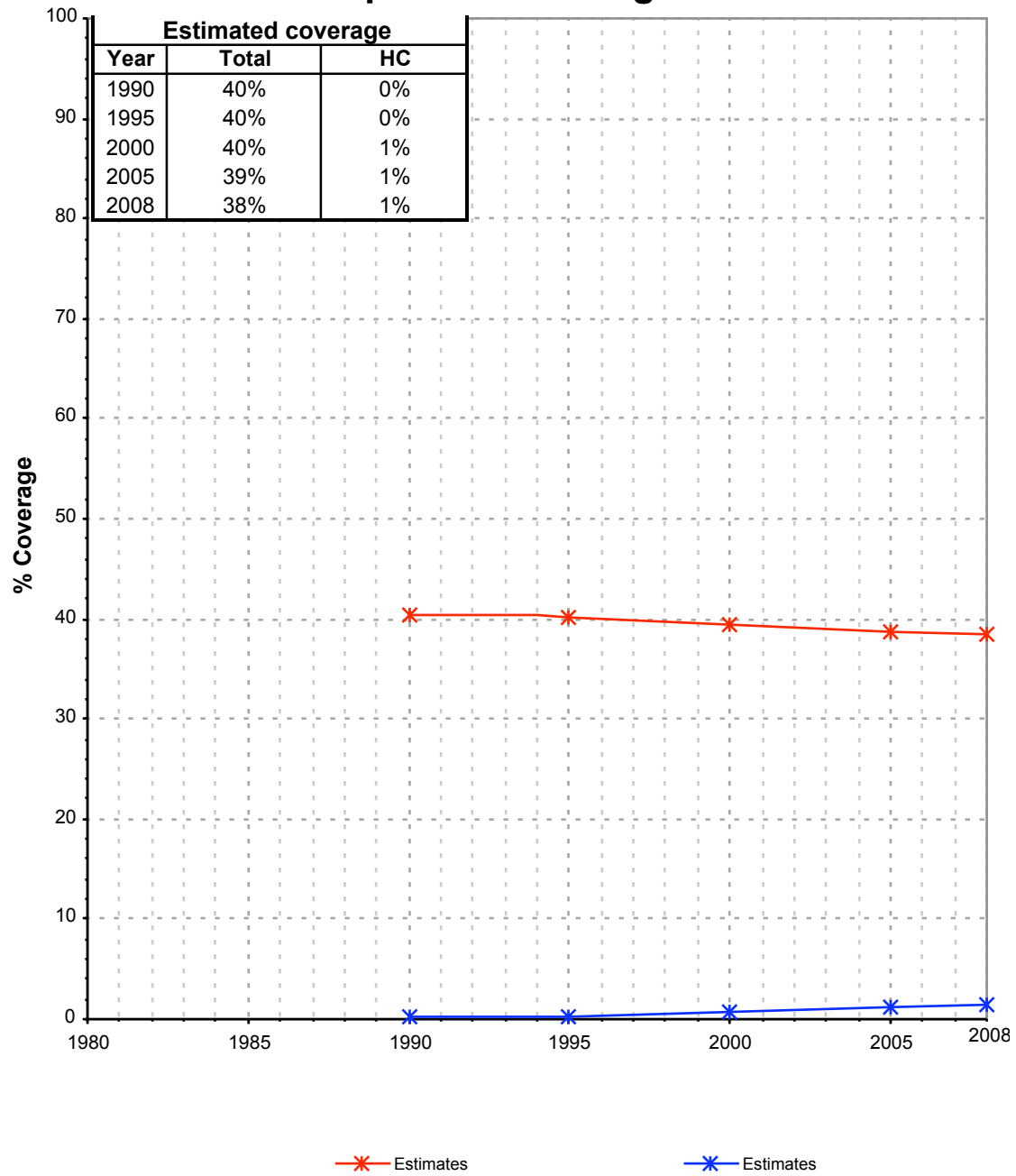
Access to drinking water sources		MICS96			Angola			Access to drinking water sources		JMP99			Angola		
Multiple Indicator Cluster Survey					Global Water Supply and Sanitation Assessment 2000.					Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.					
"Profile of Poverty in Angola" National Institute of Statistics.					1996			1999							
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
	Tap water	18.6	4.2			Tap water	22.4	0.0							
	House connections	1.1	0.4		Population served with household connection	House connections	22.4	0.0							
Domestic connection without pump	Piped water into dwelling	1.1	0.4			Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
Public standpipe	Public tap, standpipe	8.2	3.8			Public tap, standpipe									
Neighbourhood tap	Other	9.3	0.0			Other									
	Ground water	20.4	38.1			Ground water	24.0	22.2							
	Protected ground water	12.3	14.7		Population without household connection but with reasonable access to a public	Protected ground water	24.0	22.2							
	Unprotected ground water	8.1	23.4			Unprotected ground water									
	Protected wells or springs	12.3	14.7			Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs	8.1	23.4			Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells	17.1	27.1			All wells									
	Private					Private									
	Public					Public									
	Other					Other									
Borehole with pump	Tubewell, borehole	2.5	6.6			Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells	14.6	20.5			Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
Protected well	Protected well	7.5	3.5			Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
Unprotected well	Unprotected well	7.1	17.0			Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs	3.3	11.0			All springs									
	Private					Private									
	Public					Public									
	Other					Other									
Protected spring	Protected spring	2.3	4.6			Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
Unprotected spring	Unprotected spring	1.0	6.4			Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater	3.5	20.8			Rainwater									
Rainwater	Covered cistern/tank	3.5	20.8			Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
Mire, river or stream	Surface water	19.9	31.4			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	37.6	5.3		Total population unserved	Other non-improved	53.6	77.8							
	Cart with small tank/drum					Cart with small tank/drum									
Tanker Truck	Tanker truck provided	25.2	0.8			Tanker truck provided									
Other	Other	12.4	4.5			Other									
	Other					Other									
	DK/missing					DK/missing									
	Total	100.0	99.8			Total	100.0	100.0							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		34%	40%		Access to improved drinking water sources :		46%	22%							
Access to house connections :		1%	0%		Access to house connections :		22%	0%							
Used for the estimates		Yes	Yes		Used for the estimates		No	No							
Used for the estimates		Yes	Yes		Used for the estimates		No	No							
Ratios	HC / Tap water	6%	10%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water	44%	90%			Public tap / Tap water									
	Tubewell + protected well / All wells	58%	37%			Tubewell + protected well / All wells									
	Protected wells / Traditional wells	51%	17%			Protected wells / Traditional wells									
	Tubewell / All wells	15%	24%			Tubewell / All wells									
	Protected springs / All springs	70%	42%			Protected springs / All springs									
	Protect. well & spring / well & spring	60%	39%			Protect. well & spring / well & spring									
Number of people covered by the survey:					Number of people covered by the survey:		5100	7200.004							
Number of households covered by the survey:					Number of households covered by the survey:										
Total population:					Total population:										
Comments					Comments										

Angola			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	1.1		34.4		0.4		39.7	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		22.4		46.4		0.0		22.2
Multiple Indicator Cluster Survey	MICS01	2001		11.3		70.9	0.8		40.1	
Malaria Indicator Survey	MIS07	2007	31.3		57.9		1.3		38.2	

Angola - urban - Use of improved drinking water sources



Angola - rural - Use of improved drinking water sources



Drinking Water

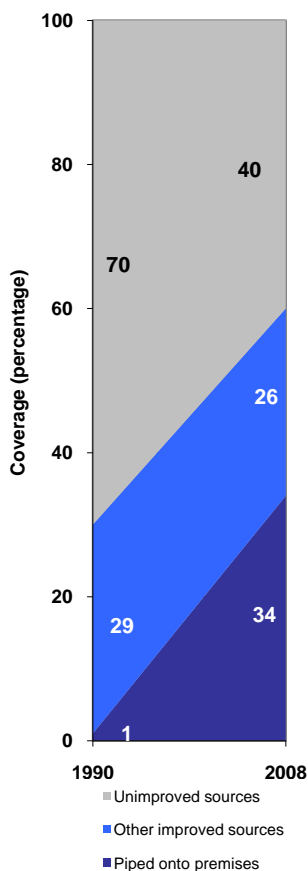
Angola	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	1	34	0	1	0	20
Other improved source	29	26	40	37	36	30
Unimproved source	70	40	60	62	64	50

Source: WHO/UNICEF JMP, 2010

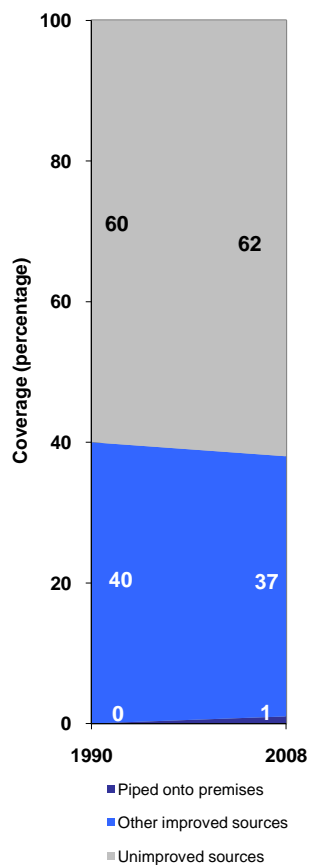
Angola	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	3 960	10 226	6701	7795	10661	18021

Source: UN / Population Division, 2008

Urban drinking water trends



Rural drinking water trends



Total drinking water trends

