

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

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

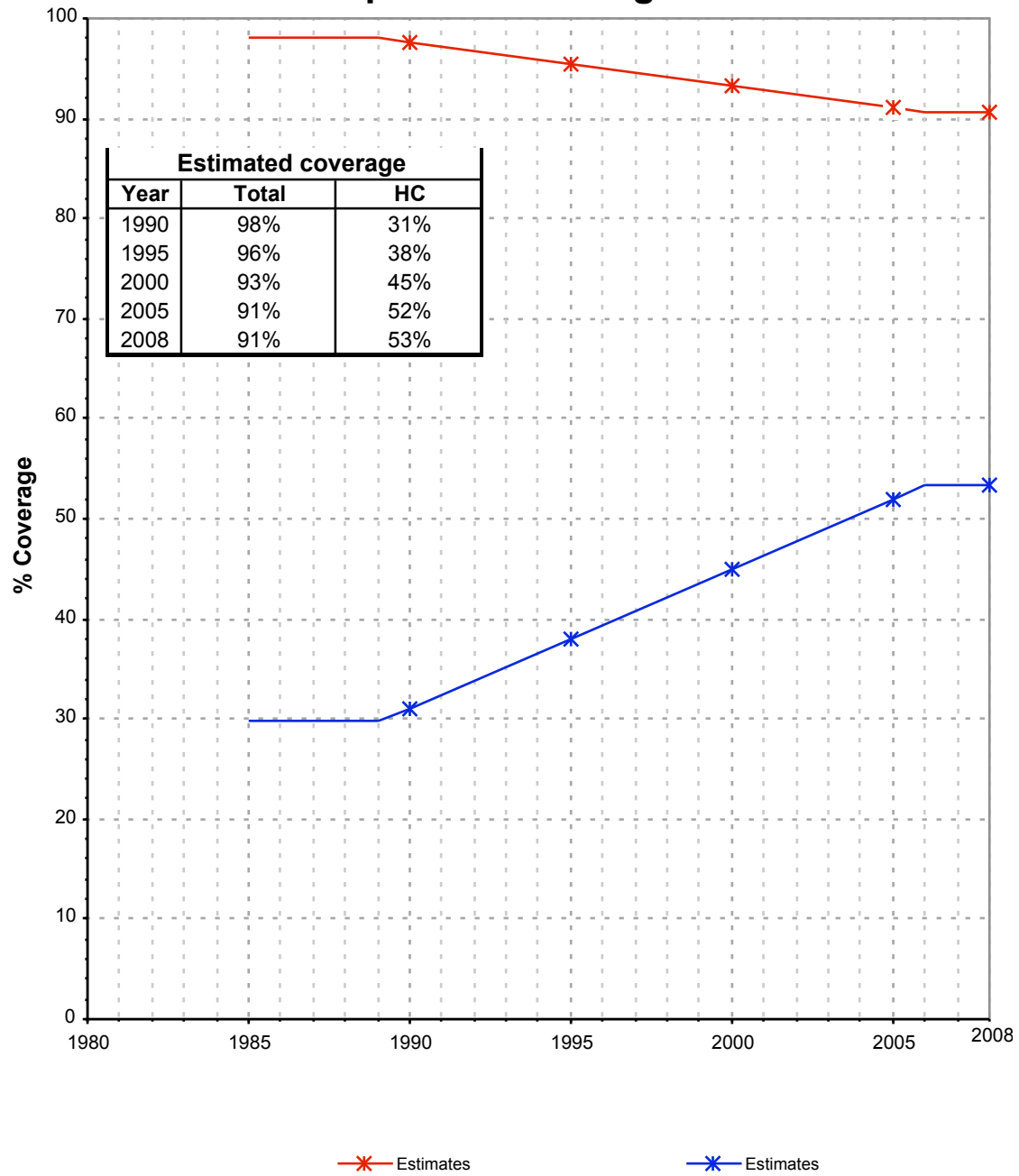
Updated March 2010

childinfo.org

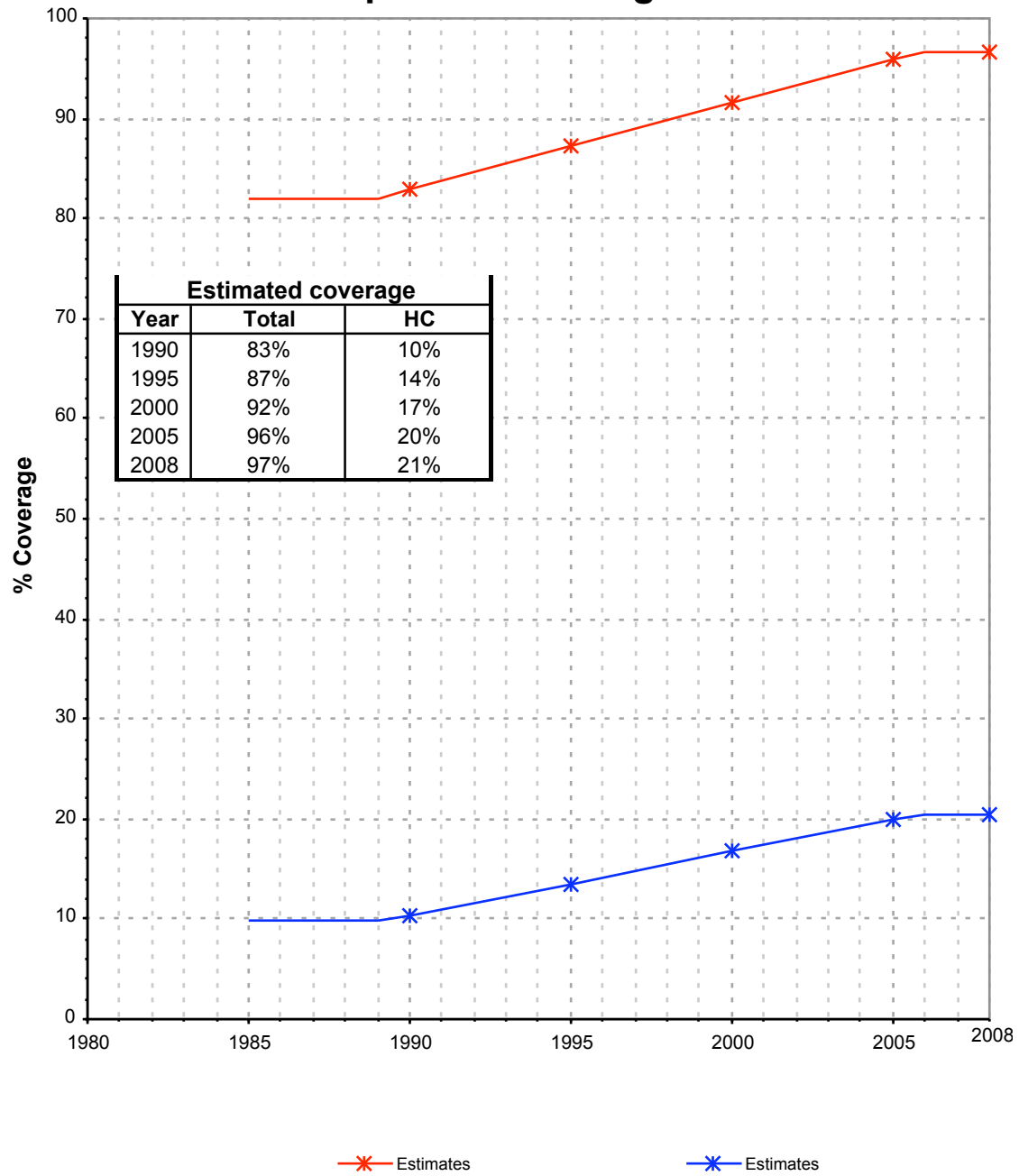
Access to drinking water sources		JMP99			Comoros			Access to drinking water sources		MICS00			Comoros		
Global Water Supply and Sanitation Assessment 2000.					Multiple Indicator Cluster Survey										
Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.					Direction Generale du Plan					2000					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Population served with household connection	Tap water	48.1	20.6			Tap water	68.9	31.3							
	House connections	48.1	20.6			House connections	44.3	13.0							
	Piped water into dwelling					Piped water into dwelling	20.7	4.7							
	Piped water to yard/plot					Piped water to yard/plot	23.6	8.3							
	Public tap, standpipe					Public tap, standpipe	24.6	18.3							
	Other					Other									
Population without household connection but with reasonable access to a public	Ground water	50.3	74.4			Ground water	6.7	8.2							
	Protected ground water	50.3	74.4			Protected ground water	6.2	5.0							
	Unprotected ground water					Unprotected ground water	0.5	3.2							
	Protected wells or springs					Protected wells or springs	6.2	5.0							
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs	0.5	3.2							
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells	6.0	4.2							
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole with pump	2.0	0.6							
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells	4.0	3.6							
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected dug well	3.8	2.0							
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected dug well	0.2	1.6							
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs	0.7	4.0							
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring	0.4	2.4							
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring	0.3	1.6							
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater	15.5	55.9							
	Covered cistern/tank					Covered cistern/tank	15.5	55.9							
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water	0.1	0.1							
	with other improved					with other improved									
	without other improved					without other improved	0.1	0.1							
	Surface water					Surface water	0.2	2.6							
	River					River									
	Lake					Lake									
	Dam					Dam									
	Pond					Pond	0.2	2.6							
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other					Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
Total population unserved	Other non-improved	1.6	5.0			Other non-improved	7.2	0.5							
	Cart with small tank/drum					Cart with small tank/drum	0.1	0.1							
	Tanker truck provided					Tanker truck provided	7.1	0.4							
	Other					Other									
	Other					Other									
	DK/missing					DK/missing	1.4	1.3							
	Total	100.0	100.0			Total	100.0	99.9							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		98%	95%		Access to improved drinking water sources :		91%	92%							
Access to house connections :		48%	21%		Access to house connections :		44%	13%							
Used for the estimates:		No	No		Used for the estimates:		Yes	Yes							
Used for the estimates:		No	No		Used for the estimates:		Yes	Yes							
Ratios	HC / Tap water	100%	100%		Ratios	HC / Tap water	64%	42%							
	Public tap / Tap water					Public tap / Tap water	36%	58%							
	Tubewell + protected well / All wells					Tubewell + protected well / All wells	97%	62%							
	Protected wells / Traditional wells					Protected wells / Traditional wells	95%	58%							
	Tubewell / All wells					Tubewell / All wells	33%	14%							
	Protected springs / All springs					Protected springs / All springs	57%	60%							
	Protect. well & spring / well & spring					Protect. well & spring / well & spring	93%	61%							
						Springs/Groundwater	10%	49%							
Number of people covered by the survey:		180.9	357.6		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										

Comoros			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
Census	CEN91	1991	33.1		97.0		11.8		80.3	
Demographic and Household Survey	DHS96	1996	38.8		96.9		14.8		93.2	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		48.1		98.4		20.6		95.0
Multiple Indicator Cluster Survey	MICS00	2000	44.3		90.6		13.0		92.2	
World Health Survey	WHS03	2003		27.5		93.5		2.6		74.2
Enquête intégrale auprès des ménages	EIM04	2004	51.3		92.8		21.6		92.6	

Comoros - urban - Use of improved drinking water sources



Comoros - rural - Use of improved drinking water sources



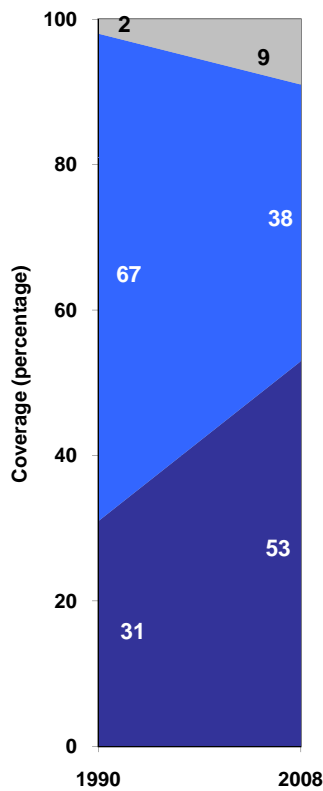
Comoros	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	31	53	10	21	16	30
Other improved source	67	38	73	76	71	65
Unimproved source	2	9	17	3	13	5

Source: WHO/UNICEF JMP, 2010

Comoros	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	122	185	316	476	438	661

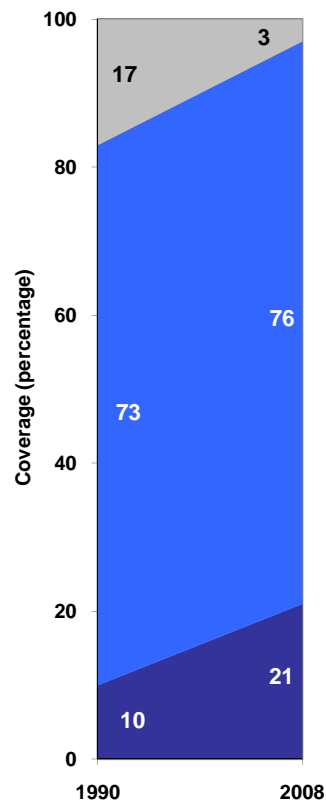
Source: UN / Population Division, 2008

Urban drinking water trends



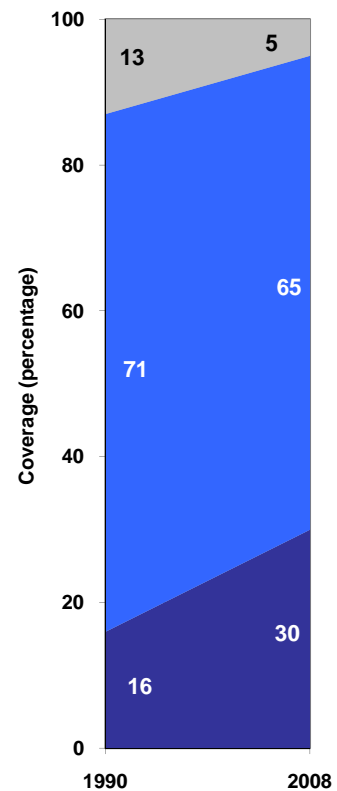
■ Unimproved sources
 ■ Other improved sources
 ■ Piped onto premises

Rural drinking water trends



■ Piped onto premises
 ■ Other improved sources
 ■ Unimproved sources

Total drinking water trends



■ Unimproved sources
 ■ Other improved sources
 ■ Piped onto premises