

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

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

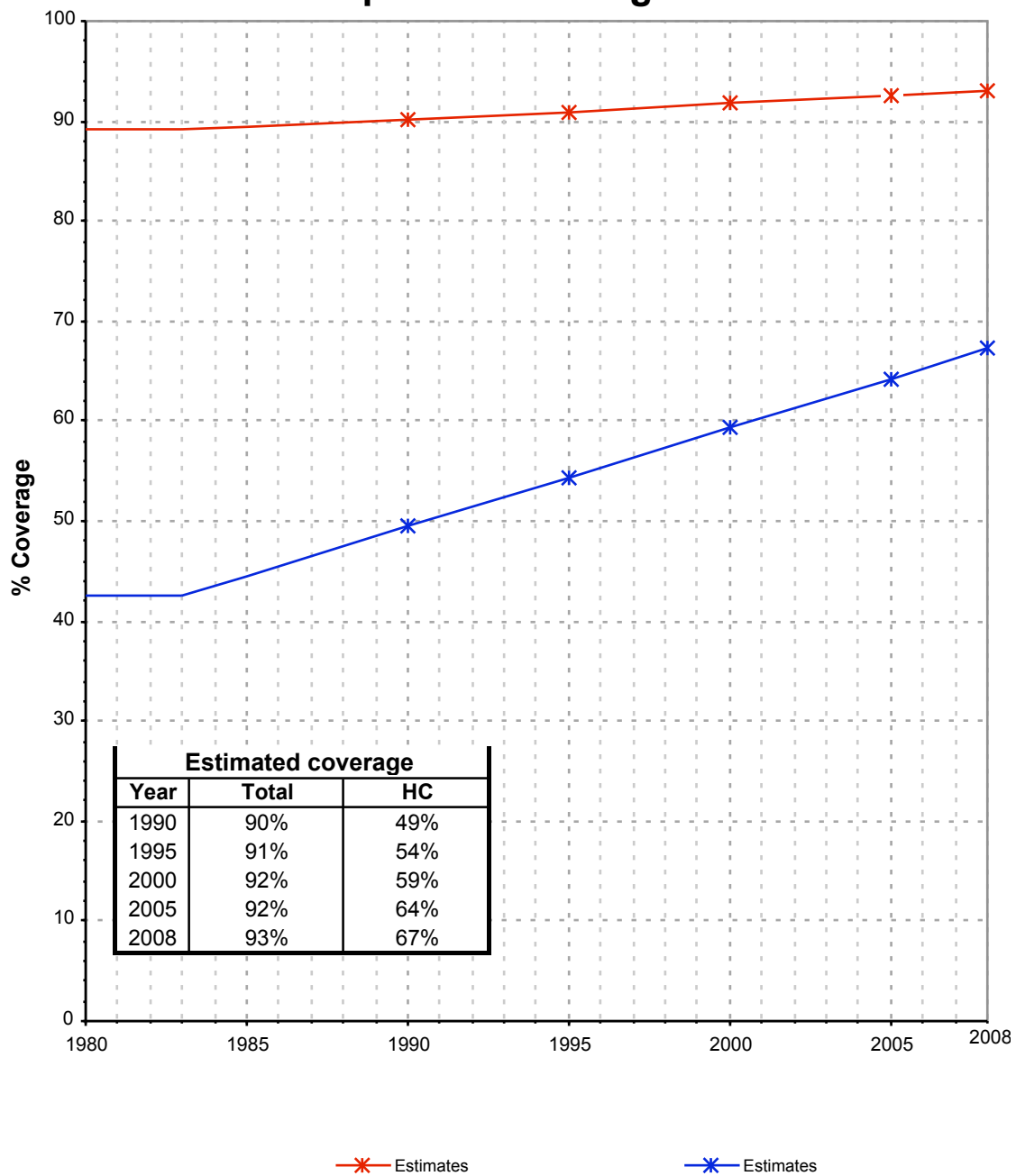
Updated March 2010

childinfo.org

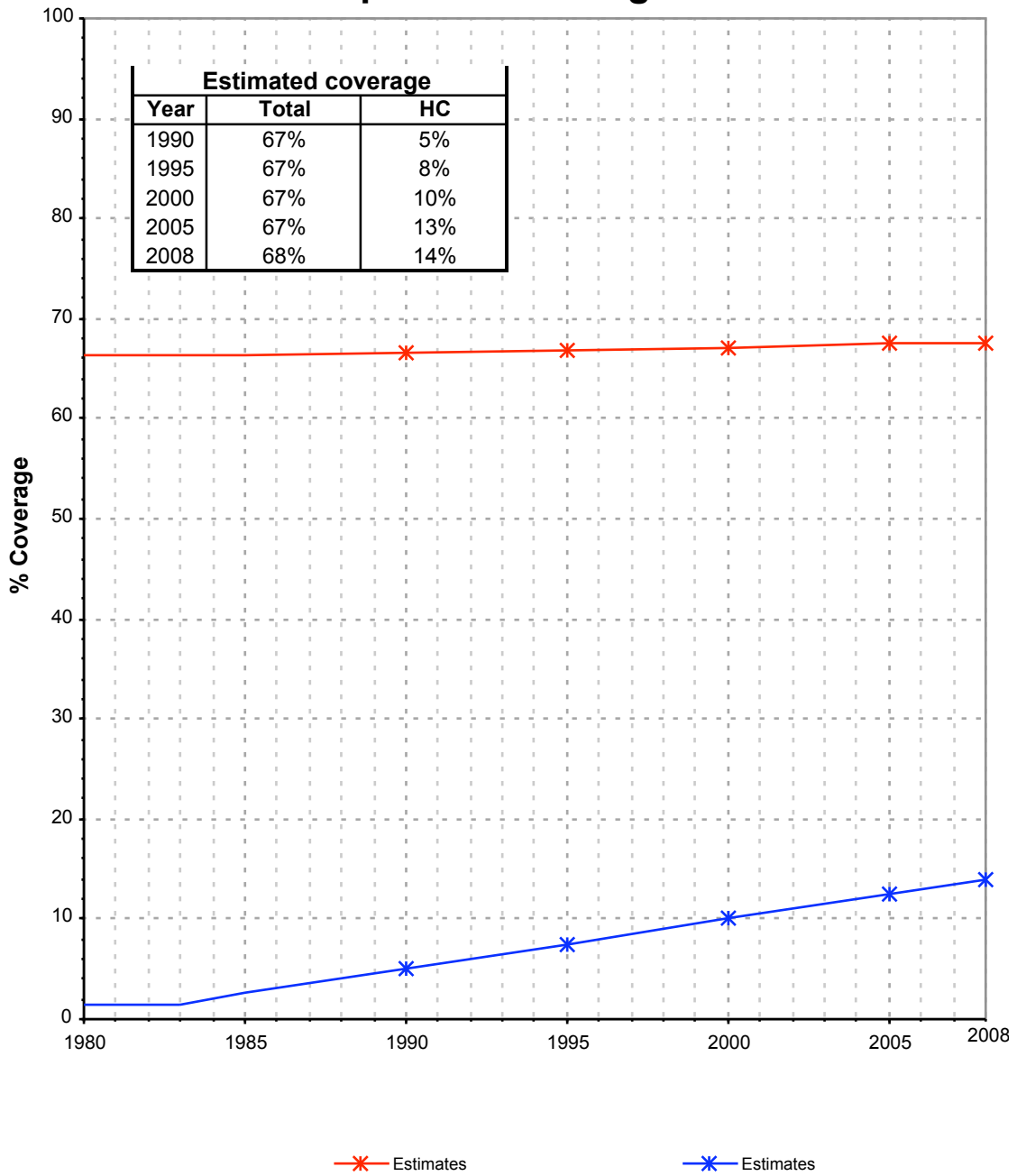
Access to drinking water sources		AIS05			Côte d'Ivoire		Access to drinking water sources		MICS06			Côte d'Ivoire		
AIS							Multiple Indicator Cluster Survey							
		2005					Enquête à Indicateurs Multiples		2006					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total					
	Tap water	77.3	35.7			Tap water	72.0	13.3						
	House connections	66.7	18.8			House connections	65.5	9.1						
Robinet dans le logement/cour/parcelle	Piped water into dwelling	32.1	8.1		Eau de robinet dans le logement	Piped water into dwelling	36.1	3.8						
Robinet dans la cour/concession	Piped water to yard/plot	34.6	10.7		Dans la cour/parcelle	Piped water to yard/plot	29.4	5.3						
Fontaine public	Public tap, standpipe	10.6	16.9		Robinet public/borne fontaine	Public tap, standpipe	6.5	4.2						
	Other					Other								
	Ground water	22.2	58.2			Ground water	23.9	72.7						
	Protected ground water	7.9	20.6			Protected ground water	18.3	51.8						
	Unprotected ground water	14.3	37.6			Unprotected ground water	5.6	20.9						
	Protected wells or springs	7.9	20.6	0.0		Protected wells or springs	18.3	51.8	0.0					
	Private	4.5	6.0			Private								
	Public	3.3	12.3			Public								
	Other					Other								
	Unprotected wells or springs	14.3	37.6	0.0		Unprotected wells or springs	5.6	20.9	0.0					
	Private	10.1	17.1			Private								
	Public	4.0	15.2			Public								
	Other					Other								
	All wells	21.9	50.6	0.0		All wells	23.7	69.8						
	Private	14.6	23.1			Private								
	Public	7.3	27.5			Public								
	Other					Other								
	Tubewell, borehole				Puits a pompe/forage	Tubewell, borehole	0.9	28.9						
	Private					Private								
	Public					Public								
	Other					Other								
	Traditional wells	21.9	50.6	0.0		Traditional wells	22.8	40.9						
	Private	14.6	23.1			Private								
	Public	7.3	27.5			Public								
	Other					Other								
	Protected well	7.8	18.3	0.0	Puits protégé	Protected well	17.3	22.0						
	Private	4.5	6.0			Private								
Puits protégé dans le logement/cour/parcelle	Public	3.3	12.3			Public								
Puits public protégé	Other					Other								
	Unprotected well	14.1	32.3	0.0	Puits non protégé	Unprotected well	5.5	18.9						
	Private	10.1	17.1			Private								
Puits ouverts dans le logement / cour	Public	4.0	15.2			Public								
Puits public ouvert	Other					Other								
	All springs	0.3	7.6			All springs	0.2	2.9						
	Private					Private								
	Public					Public								
	Other					Other								
	Protected spring	0.1	2.3		Source aménagée	Protected spring	0.1	0.9						
Source protégé	Private					Private								
	Public					Public								
	Other					Other								
	Unprotected spring	0.2	5.3		Source non aménagée	Unprotected spring	0.1	2.0						
Source non protégé	Private					Private								
	Public					Public								
	Other					Other								
	Rainwater					Rainwater	0.0	0.0						
	Covered cistern/tank				Eau de pluie	Covered cistern/tank	0.0	0.0						
	Uncovered cistern/tank					Uncovered cistern/tank								
	Bottled water	0.2	0.1			Bottled water	0.0	0.0						
	with other improved					with other improved								
Eau en bouteille/autre	without other improved	0.2	0.1		Eau en bouteille/minérale	without other improved	0.0	0.0						
Rivière/fleuve/mare/lac	Surface water	0.5	5.7		Eau de surface	Surface water	1.8	13.8						
	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					Other non-improved	2.2	0.1						
	Cart with small tank/drum				Charrette avec petite citerne/tonneau	Cart with small tank/drum	0.0	0.0						
	Tanker truck provided				Camion citerne/vendeur d'eau	Tanker truck provided	2.1	0.1						
	Other				Autre	Other	0.1	0.0						
	Other					Other								
ND	DK/missing	0.1	0.2			DK/missing								
	Total	100.3	99.9			Total	99.9	99.9						
Calculations					Calculations									
Estimations					Estimations									
Access to improved drinking water sources :		85%	56%		Access to improved drinking water sources :		90%	65%						
Access to house connections :		67%	19%		Access to house connections :		66%	9%						
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	86%	53%		Ratios	HC / Tap water	91%	68%						
	Public tap / Tap water	14%	47%			Public tap / Tap water	9%	32%						
	Tubewell + protected well / All wells	36%	36%			Tubewell + protected well / All wells	77%	73%						
	Protected wells / Traditional wells	33%	30%			Protected wells / Traditional wells	76%	54%						
	Tubewell / All wells	33%	30%			Tubewell / All wells	4%	41%						
	Protected springs / All springs	36%	35%			Protected springs / All springs	50%	31%						
	Protect. well & spring / well & spring	1%	13%			Protect. well & spring / well & spring	77%	71%						
Springs/Groundwater														
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									

Côte d'Ivoire			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
Enquete permanente aupres des menages	EPM85	1985	48.6		88.6		4.1		68.1	
Enquete permanente aupres des menages	EPM86	1986	49.5		89.0		3.3		62.3	
Living Standarts Measurement Survey	LSMS88	1988	38.6		85.5		4.6		65.0	
Demographic and Health Survey	DHS94	1994	50.8		96.5		4.1		65.2	
Demographic and Health Survey	DHS99	1999	59.2		96.9		6.3		72.6	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		10.3		89.5		1.7		87.7
Multiple Indicator Cluster Survey	MICS00	2000	68.1		89.1		10.2		74.1	
World Health Survey	WHS03	2003		42.2	95.2		14.4			87.8
AIS	AIS05	2005	66.7		85.2		18.8		56.3	
Multiple Indicator Cluster Survey	MICS06	2006	65.5		90.3		9.1		65.1	
ENQUETE NIVEAU DE VIE DES MENAGES	ENVM02	2002	52.3		96.0		9.3		74.2	

Côte d'Ivoire - urban - Use of improved drinking water sources



Côte d'Ivoire - rural - Use of improved drinking water sources



Drinking Water

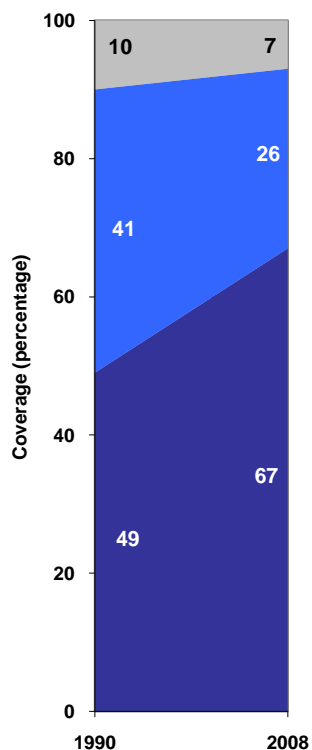
Côte d'Ivoire	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	49	67	5	14	22	40
Other improved source	41	26	62	54	54	40
Unimproved source	10	7	33	32	24	20

Source: WHO/UNICEF JMP, 2010

Côte d'Ivoire	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	5011	10054	7599	10537	12610	20591

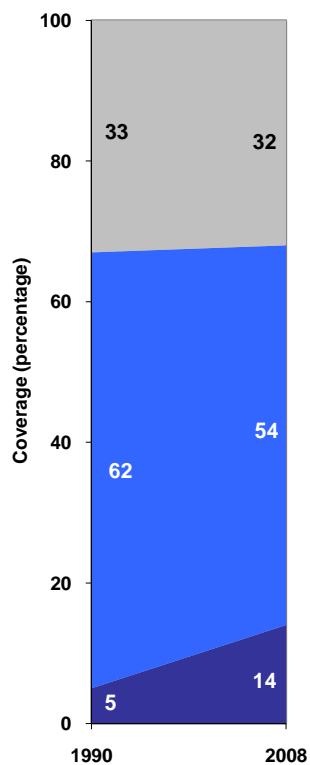
Source: UN / Population Division, 2008

Urban drinking water trends



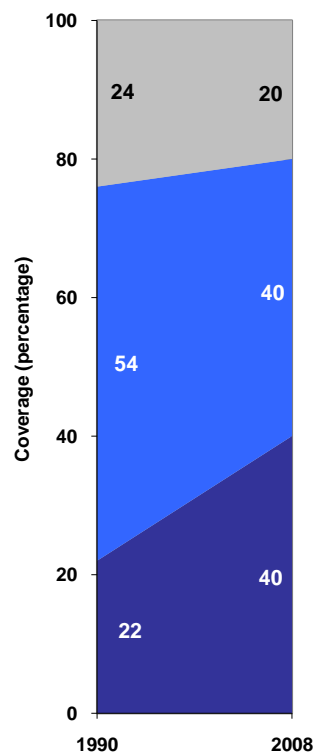
■ Unimproved sources
■ Other improved sources
■ Piped onto premises

Rural drinking water trends



■ Unimproved sources
■ Other improved sources
■ Piped onto premises

Total drinking water trends



■ Unimproved sources
■ Other improved sources
■ Piped onto premises