



WHO / UNICEF

**Joint Monitoring Programme
for Water Supply and Sanitation**

Coverage Estimates

Improved Drinking Water

Updated in June 2006

Cote d'Ivoire

Urban and Rural Water - Cote d'Ivoire

Survey			
EPM 1985			
WATER	Urban*	Rural	Total
Robinet dedans	32,7	0,7	14,4
Robinet dehors	15,9	3,4	8,7
Puits avec pompe	0,7	49,6	28,7
Puits sans pompe	21,2	27,1	24,6
Revendeur d'eau	28,7	0,8	12,7
Riviere, lac, source, marigot	0,3	17,5	10,1
Autre	0,6	0,9	0,8
TOTAL	100,1	100,0	100,0
50%of Puits sans pompe considered improved	10,6	13,6	
Access to improved drinking water source (incl. % Well & Spring)	60%	67%	
% House connections	49%	4%	23%
EPM 1986			
WATER	Urban*	Rural	Total
Robinet dedans	34,98	1,1	15,7
Robinet dehors	14,51	2,2	7,5
Puits avec pompe	0,87	44,1	25,5
Puits sans pompe	21,92	27,4	25
Revendeur d'eau	27,72	1,2	12,6
marigot		21,8	12,4
Autre		2,2	1,3
TOTAL	100,0	100,0	100,0
50%of Puits sans pompe considered improved	11,0	13,7	
Access to improved drinking water source (incl. % Well & Spring)	61%	61%	
% House connections	49%	3%	23%
LSMS 1988			
WATER	Urban	Rural	
Robinet dedans	23,9	0,2	
Robinet dehors	14,7	4,4	
Puits avec pompe	2,4	43,8	
Revendeur d'eau	30,4	2,7	
Puits sans pompe	28,1	27,7	
Riviere, lac, source, marigot	0,4	21,2	
Autre		0,1	
TOTAL	99,9	100,1	
Estimation for protected wells based on MICS 2000	24,2	19,0	
Access to improved drinking water sources	65%	67%	
% House connections	39%	5%	
DHS 1994			
WATER	Urban	Rural	
Private Tap	50,8	4,1	
Public Tap	27,3	20,6	
Private Well	14,3	18,3	
Public Well	6,7	37,6	
Spring	0,1	6,3	
River	0,1	8,2	
Lake/Pond/Dam	0	4,5	
Other	0,4	0	
TOTAL	99,7	99,6	
Estimation for protected wells based on MICS 2000	18,1	38,4	
Estimation for protected springs based on MICS 2000	0,0	2,0	
Estimation for protected wells and springs based on MICS 2000 and WHS03	16	39	
Access to improved drinking water source (incl. % Well & Spring)	97%	65%	
% House connections	51%	4%	

* Urban is a combination of Abidjan and other urban, but weighing factor unknown
 Source: Enquete permanente aupres des menages, Resultats Provisoires, Annee d'enquete 1985, Republique de Cote d'Ivoire, Min. de l'Economie et des Finances, Direction de la Statistique, Juillet 1986

* Urban is a combination of Abidjan and other urban, but weighing factor unknown
 Source: Enquete permanente aupres des menages, Resultats Provisoires, Annee d'enquete 1986, Republique de Cote d'Ivoire, Min. de l'Economie et des Finances, Direction de la Statistique, Juillet 1987

Source: LIVING STANDARDS MEASUREMENT STUDY SURVEY, Côte d'Ivoire, 1988

Source: Cote d'Ivoire Demographic and Health Survey 1994

Urban and Rural Water - Cote d'Ivoire (cont.)

DHS 1999			
WATER	Urban	Rural	Total
Robinet dans le logement/cour/parc	59,2	6,3	28
Robinet public	19,9	24,1	23
Puits dans le logement/cour/parcelle	16,1	26,1	22
Puits public	4,5	31,1	20
Source	0,0	9,0	5
Rivière/ruisseau	0,0	2,7	2
Mare/lac/barrage	0,0	0,5	
Autre	0,2	0,0	
TOTAL	99,9	99,8	100
Estimation for protected wells based on MICS 2000	17,8	39,3	
Estimation for protected springs based on MICS 2000	0,0	2,9	
Estimation for protected wells and springs based on MICS 2000 and WHS03	16	41	
Access to improved drinking water source (incl. % Well & Spring)	97%	73%	
% House connections	59%	6%	28%

Source: Cote d'Ivoire Demographic and Health Survey 1998-99

MICS 2000		
WATER	Urban	Rural
Robinet dans le logement	43,1	3,9
Robinet dans la cour	25,0	6,3
Borne fontaine	0,5	3,8
Puits/forage a pompe	1,0	28,8
Puits protégé	19,5	29,0
Source protégé	0,0	2,1
Eau de pluie	0,0	0,2
Eau en bouteille	0,1	0,4
Puits non protégé	3,1	13,2
Source non protégé	0,1	4,4
Mare, rivere, ruisseau	0,1	6,5
Camion, citerne	6,7	1,0
Autre	0,2	0,1
NSP	0,6	0,3
TOTAL	100,0	100,0
<i>Proportion of protected wells</i>	<i>0,86</i>	<i>0,69</i>
<i>Proportion of protected springs</i>	<i>0,00</i>	<i>0,32</i>
<i>Ratio of protected wells and springs</i>	<i>0,86</i>	<i>0,64</i>
Access to improved drinking water source	89%	74%
% House connections	43%	4%

Source: Enquête à Indicateurs Multiples, 2000

WHS 2003		
WATER	Urban	Rural
Piped water through house connection or yard	42,2	14,4
Public standpipe	36,3	39,8
Protected tube well or bore hole	6,0	17,3
Protected dug well or protected spring	10,6	16,1
Rainwater (into tank or cistern)	0,2	0,2
Unprotected dug well or spring vwater taken directly from pond-water or stream	4,5	10,6
Tanker-truck, vendor	0,1	1,6
TOTAL	100,0	100,0
Ratio of protected wells and springs	0,70	0,60
Access to improved drinking water sources	95%	88%
% House connections	42%	14%

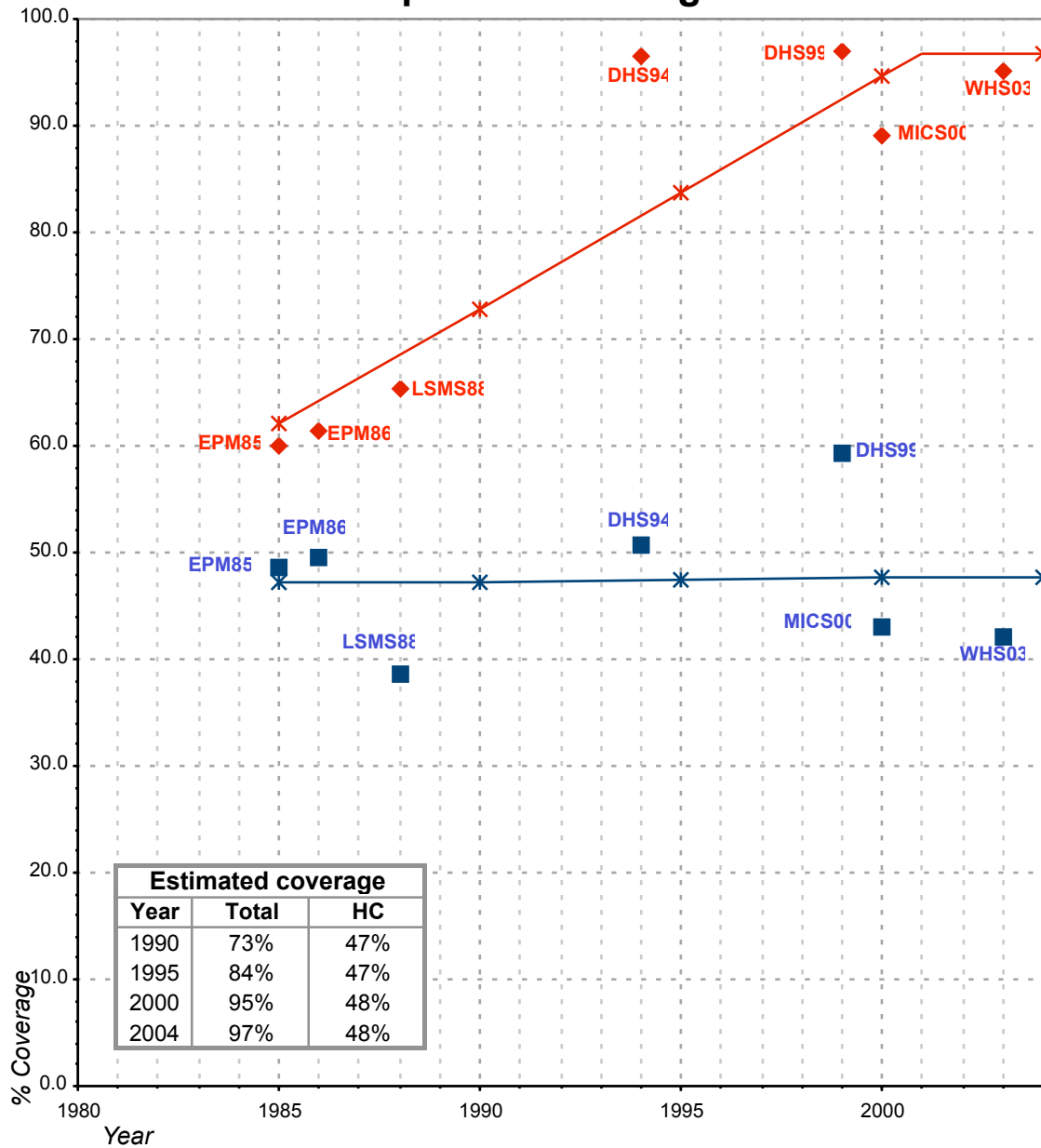
Source: World Health Survey, WHO, 2003.

Estimate		
FORM-6/WHO 1999		
Water	Urban	Rural
Population served with household connection	365,590	111,302
Population without household connection but with reasonable access to a public water point	2 806,530	5 584,540
Total population served	3 172,120	5 695,842
Total population unserved	371,014	797,366
Total population	3 543,134	6 493,208
Access to improved drinking water source	90%	88%
% House connections	10%	2%

Source: Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.

Côte d'Ivoire			DRINKING WATER							
			URBAN				RURAL			
			HC		Total		HC		Total	
Source	Code	Year	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates
Enquete permanente aupres des menages, Resultats Provisoires, Annee d'enquete 1985, Republique de Cote d'Ivoire, Min. de l'Economie et des Finances, Direction de la Statistique,	EPM85	1985	48.6		59.9		4.1		67.3	
Enquete permanente aupres des menages, Resultats Provisoires, Annee d'enquete 1985, Republique de Cote d'Ivoire, Min. de l'Economie et des Finances, Direction de la Statistique,	EPM86	1986	49.5		61.3		3.3		61.1	
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988		76.0		100.0				75.0
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990				57.0				80.0
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				70.0				70.0
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1994				59.0				81.0
Cote d'Ivoire Demographic and Health Survey 1994	DHS94	1994	50.8		96.5		4.1		65.4	
Cote d'Ivoire Demographic and Health Survey 1998	DHS99	1999	59.2		97.0		6.3		72.8	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Q	JMP99	1999		10.3		90.0		1.7		88.0
Enquête à Indicateurs Multiples, 2000	MICS00	2000	43.1		89.1		3.9		74.1	
LIVING STANDARDS MEASUREMENT STUDY SURVEY, Côte d'Ivoire, 1988	LSMS88	1988	38.6		65.2		4.6		67.4	
World Health Survey, WHO, 2003.	WHS03	2003	42.2		95.2			14.4		87.8

Côte d'Ivoire - urban - Access to improved drinking water sources



Estimated coverage		
Year	Total	HC
1990	73%	47%
1995	84%	47%
2000	95%	48%
2004	97%	48%

Total improved access

◆ Used for estimates

✱ Estimates

Household connections (HC)

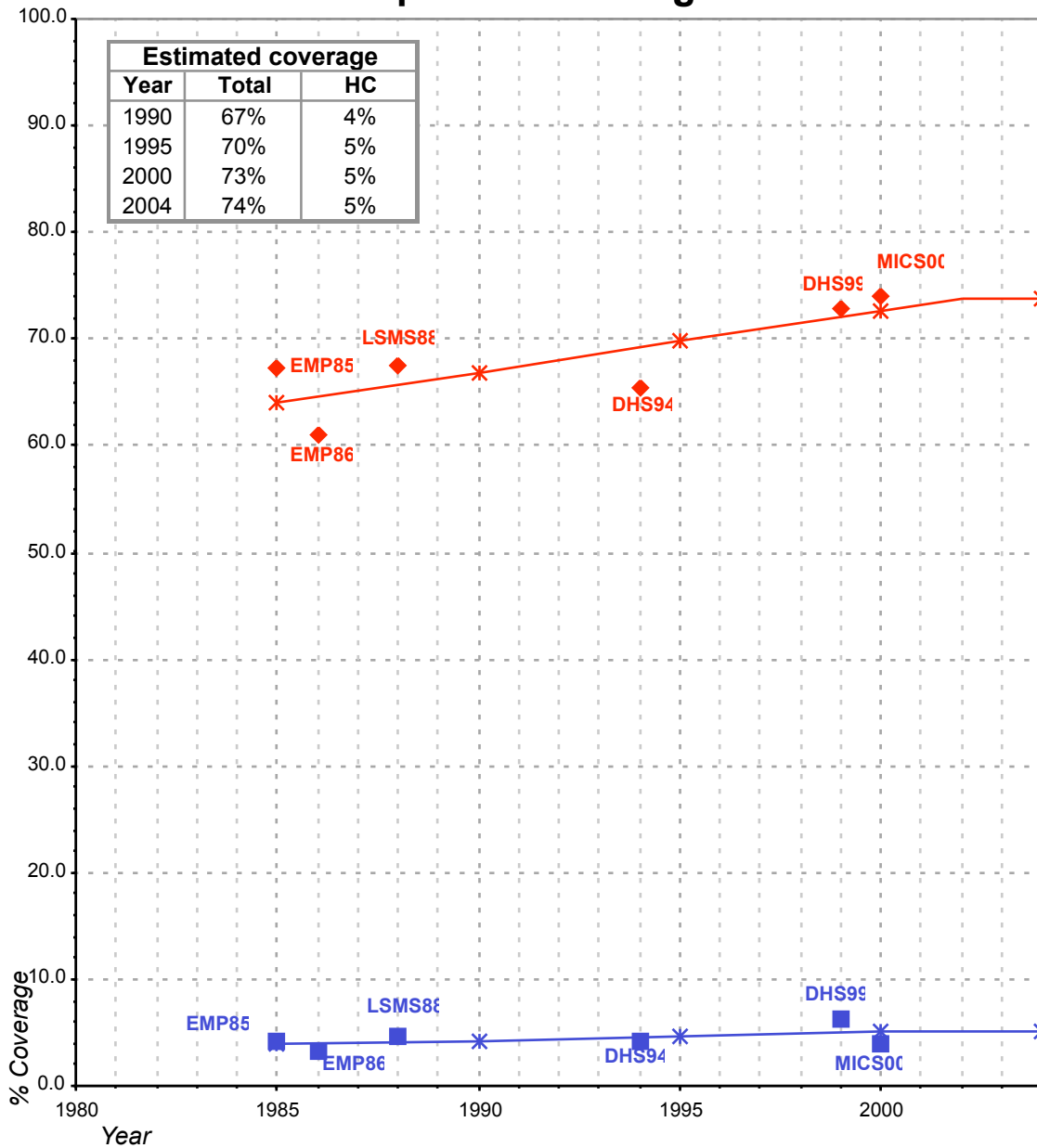
■ Used for estimates

✱ Estimates

Total access :

Household connections :

Côte d'Ivoire - rural - Access to improved drinking water sources



Total improved access

Household connections (HC)

◆ Used for estimates

■ Used for estimates

✱ Estimates

✱ Estimates

Total access : Some of the households included in the WHS sample from rural areas could not be used because of the political situation. WHS has therefore not been used for the rural estimates

Household connections :