

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

Use of sanitation facilities		EPM85		Côte d'Ivoire		
Enquete permanente aupres des menages				1985		
Resultats Provisoires, Annee d'enquete 1985, Republique de Cote d'Ivoire, Min. de l'Economie et des Finances, Direction de la Statistique						
Original denomination	Classification	Urban	Rural	Total		
	Flush and pour flush	51.8	1.0	22.7		
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
Chasse d'eau 1	Flush/toilets	51.8	1.0	22.7		
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Private flush/toilet					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Public/shared flush/toilet					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Latrines	43.4	33.9	38.0		
	Pour flush latrines					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Private pour flush latrine					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Public/shared pour flush latrine					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Dry latrines	43.4	33.9	38.0		
	Improved latrines					
	Ventilated Improved Pit latrine					
	Pit latrine with slab/covered latrine					
Latrine a fosse 2	Traditional latrine	43.4	33.9	38.0		
	Pit latrine without slab/open pit					
	Hanging toilet/hanging latrine					
	Bucket latrine					
	Other					
	Private Latrines					
	Ventilated Improved Pit latrine					
	Pit latrine with slab/covered latrine					
	Traditional latrine					
	Pit latrine without slab/open pit					
	Hanging toilet/hanging latrine					
	Bucket latrine					
	Other					
	Public/shared Latrines					
	Ventilated Improved Pit latrine					
	Pit latrine with slab/covered latrine					
	Traditional latrine					
	Pit latrine without slab/open pit					
	Hanging toilet/hanging latrine					
	Bucket latrine					
	Other					
	Composting toilets					
	Composting toilet (private)					
	Composting toilet (shared)					
	Other improved					
	Other					
	Other					
Pas de W.C.	No facility, bush, field	4.9	65.1	39.3		
	Other unimproved					
	Other					
	Other					
	DK/missing information					
	Total	100.0	100.0	100.0		
Calculations	Latrine a fosse adjusted for open pit based on MICS00	28.8	26.6			
Estimations	50% of adjusted latrine a fosse considered improved	14.4	13.3			
	Sewerage connection based on WHS03	30.8	0.4			
Access to improved sanitation :		66%	14%			
Access to sewerage connections :		31%	0%			
Used for the estimates :		Yes	Yes			
Used for the estimates :		Yes	Yes			
Ratios	Shared improved facilities/all improved facilities					
	Improved latrine / All latrines					
	Covered dry latrines / All dry latrines					
	VIP / All latrines					
	Traditional latrines / All latrines	100%	100%	100%		
	Improved + traditional latrines / All latrines					
	Sewerage connection among flush/pour flush					
	Sewerage connection among flush					
	Number of people covered by the survey					
	Number of households covered by the survey					
	Total population					
Comments						

Use of sanitation facilities		EPM86		Côte d'Ivoire		
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			1986	
Original denomination	Classification	Urban	Rural	Total		
	Flush and pour flush	45.3	0.6	19.3		
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
Chasse d'eau 1	Flush/toilets	45.3	0.6	19.3		
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Private flush/toilet					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Public/shared flush/toilet					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Latrines	48.6	33.3	40.5		
	Pour flush latrines					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Private pour flush latrine					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Public/shared pour flush latrine					
	to piped sewer system					
	to septic tank					
	to pit					
	to unknown place/ not sure/DK					
	to elsewhere					
	Dry latrines	48.6	33.3	40.5		
	Improved latrines					
	Ventilated Improved Pit latrine					
	Pit latrine with slab/covered latrine					
Latrine a fosse 2	Traditional latrine	48.6	33.3	40.5		
	Pit latrine without slab/open pit					
	Hanging toilet/hanging latrine					
	Bucket latrine					
	Other					
	Private Latrines					
	Ventilated Improved Pit latrine					
	Pit latrine with slab/covered latrine					
	Traditional latrine					
	Pit latrine without slab/open pit					
	Hanging toilet/hanging latrine					
	Bucket latrine					
	Other					
	Public/shared Latrines					
	Ventilated Improved Pit latrine					
	Pit latrine with slab/covered latrine					
	Traditional latrine					
	Pit latrine without slab/open pit					
	Hanging toilet/hanging latrine					
	Bucket latrine					
	Other					
	Composting toilets					
	Composting toilet (private)					
	Composting toilet (shared)					
	Other improved					
	Other					
	Other					
Pas de W.C.	No facility, bush, field	5.7	66.1	40.0		
	Other unimproved	0.5	0.0	0.2		
Autre	Other	0.5	0.0	0.2		
	Other					
	DK/missing information					
	Total	100.0	100.0	100.0		
Calculations	Latrine a fosse adjusted for open pit based on MICS00	32.2	26.1			
Estimations	50% of adjusted latrine a fosse considered improved	16.1	13.1			
	Sewerage connection based on WHS03	27.0	0.2			
	Access to improved sanitation :	61%	14%	19%		
	Access to sewerage connections :	27%	0%	0%		
	Used for the estimates :	Yes	Yes			
	Used for the estimates :	Yes	Yes			
Ratios	Shared improved facilities/all improved facilities					
	Improved latrine / All latrines					
	Covered dry latrines / All dry latrines					
	VIP / All latrines					
	Traditional latrines / All latrines	100%	100%	100%		
	Improved + traditional latrines / All latrines					
	Sewerage connection among flush/pour flush					
	Sewerage connection among flush					
	Number of people covered by the survey					
	Number of households covered by the survey					
	Total population					
Comments						

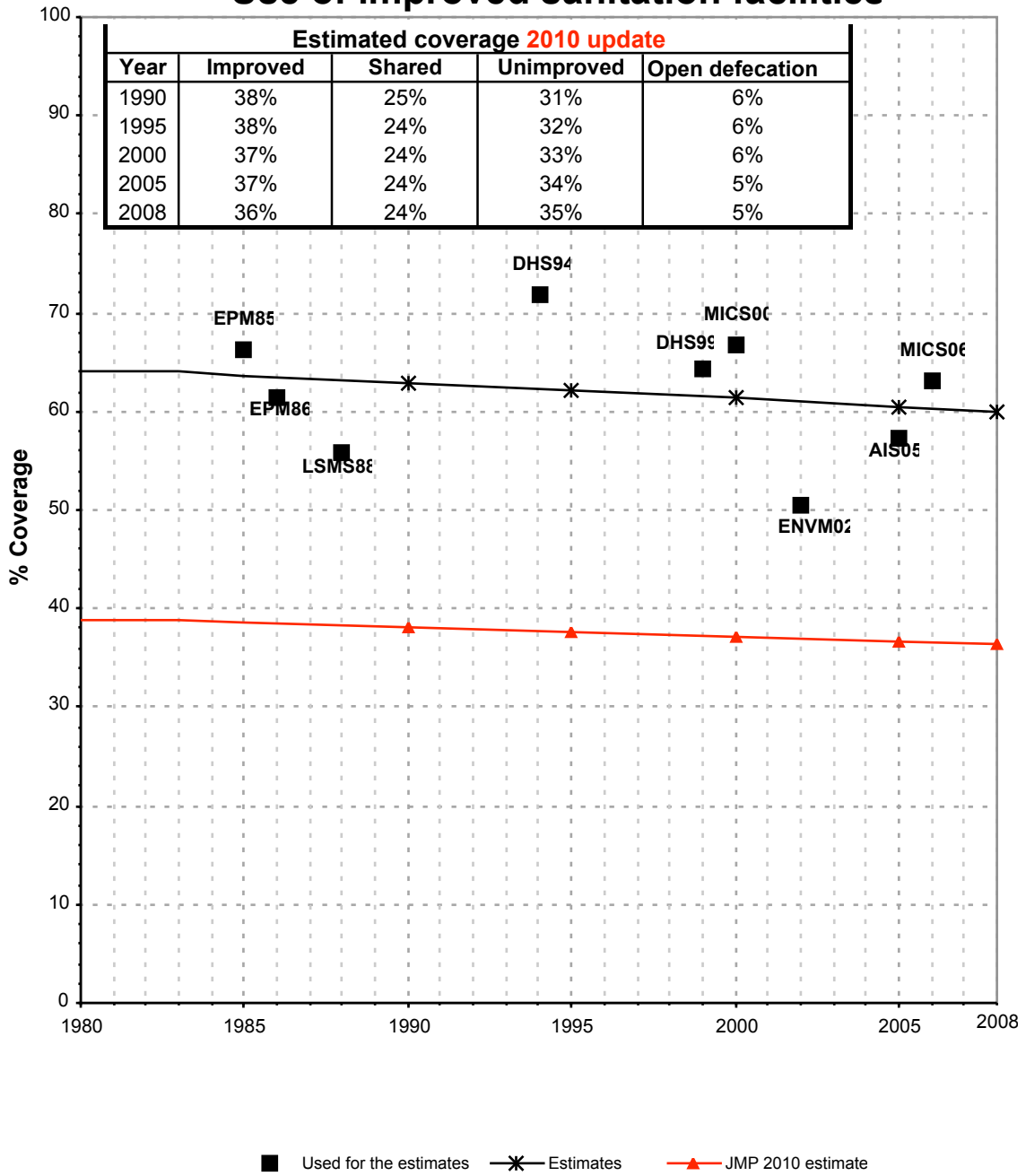
Use of sanitation facilities		LSMS88			Côte d'Ivoire			Use of sanitation facilities		DHS94			Côte d'Ivoire			
Living Standards Measurement Survey					1988					Demographic and Health Survey					1994	
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total							
	Flush and pour flush	38.2	2.2			Flush and pour flush	29.3	2.3								
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
	Flush/toilets	38.2	2.2			Flush/toilets	29.3	2.3								
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
Chasse d'eau privée	Private flush/toilet	26.9	0.5		Chasse d'eau personnelle	Private flush/toilet	19.7	1.4								
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
Chasse d'eau partagée	Public/shared flush/toilet	11.3	1.7		Chasse d'eau commune	Public/shared flush/toilet	9.6	0.9								
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
	Latrines	52.8	27.1			Latrines	63.3	96.7								
	Pour flush latrines					Pour flush latrines										
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
	Private pour flush latrine					Private pour flush latrine										
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
	Public/shared pour flush latrine					Public/shared pour flush latrine										
	to piped sewer system					to piped sewer system										
	to septic tank					to septic tank										
	to pit					to pit										
	to unknown place/ not sure/DK					to unknown place/ not sure/DK										
	to elsewhere					to elsewhere										
	Dry latrines	52.8	27.1			Dry latrines	63.3	96.7								
	Improved latrines					Improved latrines	34.7	12.7								
	Ventilated Improved Pit latrine				Improved Pit	Ventilated Improved Pit latrine	34.7	12.7								
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine										
	Traditional latrine	52.8	27.1		Simple Pit*	Traditional latrine	24.0	16.4								
	Pit latrine without slab/open pit					Pit latrine without slab/open pit										
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine										
	Bucket latrine				Latrine Bucket	Bucket latrine	4.6	67.6								
	Other					Other										
	Private Latrines	8.4	6.7			Private Latrines										
	Ventilated Improved Pit latrine					Ventilated Improved Pit latrine										
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine										
	Traditional latrine	8.4	6.7			Traditional latrine										
	Pit latrine without slab/open pit					Pit latrine without slab/open pit										
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine										
	Bucket latrine					Bucket latrine										
	Other					Other										
	Public/shared Latrines	44.4	20.4			Public/shared Latrines										
	Ventilated Improved Pit latrine					Ventilated Improved Pit latrine										
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine										
	Traditional latrine	44.4	20.4			Traditional latrine										
	Pit latrine without slab/open pit					Pit latrine without slab/open pit										
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine										
	Bucket latrine					Bucket latrine										
	Other					Other										
	Composting toilets					Composting toilets										
	Composting toilet (private)					Composting toilet (private)										
	Composting toilet (shared)					Composting toilet (shared)										
	Other improved					Other improved										
	Other					Other										
	Other					Other										
Pas de WC	No facility, bush, field	8.8	70.7		No Facilities	No facility, bush, field	7.2	0.9								
	Other unimproved	0.1	0.0			Other unimproved	0.1	0.0								
	Other	0.1	0.0		Other	Other	0.1	0.0								
	Other					Other										
	DK/missing information					DK/missing information										
	Total	99.9	100.0			Total	99.9	99.9								
	Latrine a fosse adjusted for open pit based on MICS00	35.0	21.3			Latrine a fosse adjusted for open pit based on MICS00	15.9	12.9								
Calculations					Calculations											
	50% of adjusted latrine a fosse considered improved	17.5	10.6			50% of adjusted latrine a fosse considered improved	8.0	6.4								
Estimations					Estimations											
	Sewerage connection based on WHS03	22.7	0.9			Sewerage connection based on WHS03	17.4	0.9								
	Access to improved sanitation :	56%	13%			Access to improved sanitation :	72%	21%								
	Access to sewerage connections :	23%	1%			Access to sewerage connections :	17%	1%								
	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	Shared improved facilities/all improved facilities				Ratios	Shared improved facilities/all improved facilities										
	Improved latrine / All latrines					Improved latrine / All latrines	55%	13%								
	Covered dry latrines / All dry latrines					Covered dry latrines / All dry latrines										
	VIP / All latrines					VIP / All latrines	55%	13%								
	Traditional latrines / All latrines	100%	100%			Traditional latrines / All latrines	38%	17%								
	Improved + traditional latrines / All latrines					Improved + traditional latrines / All latrines	93%	30%								
	Sewerage connection among flush/pour flush					Sewerage connection among flush/pour flush										
	Sewerage connection among flush					Sewerage connection among flush										
	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											

Country	Use of sanitation facilities	DHS99	Côte d'Ivoire		
	Demographic and Health Survey		1999		
Total	Original denomination	Classification	Urban	Rural	Total
		Flush and pour flush	24.7	2.1	11.0
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
	Chasse d'eau	Flush/toilets	24.7	2.1	11.0
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
		Private flush/toilet			
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
		Public/shared flush/toilet			
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
		Latrines	71.4	42.4	55.0
		Pour flush latrines			
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
		Private pour flush latrine			
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
		Public/shared pour flush latrine			
		to piped sewer system			
		to septic tank			
		to pit			
		to unknown place/ not sure/DK			
		to elsewhere			
		Dry latrines	71.4	42.4	55.0
		Improved latrines	23.9	6.7	14.0
	Latrines ameliorées	Ventilated Improved Pit latrine	23.9	6.7	14.0
		Pit latrine with slab/covered latrine			
	Latrine sommaires	Traditional latrine	47.5	35.7	41.0
		Pit latrine without slab/open pit			
		Hanging toilet/hanging latrine			
		Bucket latrine			
		Other			
		Private Latrines			
		Ventilated Improved Pit latrine			
		Pit latrine with slab/covered latrine			
		Traditional latrine			
		Pit latrine without slab/open pit			
		Hanging toilet/hanging latrine			
		Bucket latrine			
		Other			
		Public/shared Latrines			
		Ventilated Improved Pit latrine			
		Pit latrine with slab/covered latrine			
		Traditional latrine			
		Pit latrine without slab/open pit			
		Hanging toilet/hanging latrine			
		Bucket latrine			
		Other			
		Composting toilets			
		Composting toilet (private)			
		Composting toilet (shared)			
		Other improved			
		Other			
		Other			
	No Facilities	No facility, bush, field	3.6	55.3	34.0
		Other unimproved			
		Other			
		Other			
	ND	DK/missing information	0.2	0.1	
		Total	99.9	99.9	100.0
		Latrine a fosse adjusted for open pit based on MICS00	31.5	28.0	
	Calculations				
		50% of adjusted latrine a fosse considered improved	15.8	14.0	
	Estimations				
		Sewerage connection based on WHS03	14.7	0.9	
		Access to improved sanitation :	64%	23%	25%
		Access to sewerage connections :	15%	1%	
		Used for the estimates	Yes	Yes	
		Used for the estimates	Yes	Yes	
	Ratios	Shared improved facilities/all improved facilities			
		Improved latrine / All latrines	33%	16%	25%
		Covered dry latrines / All dry latrines			
		VIP / All latrines	33%	16%	
		Traditional latrines / All latrines	67%	84%	75%
		Improved = traditional latrines / All latrines	100%	100%	100%
		Sewerage connection among flush/pour flush			
		Sewerage connection among flush			
		Number of people covered by the survey			
		Number of households covered by the survey			
		Total population			
	Comments				

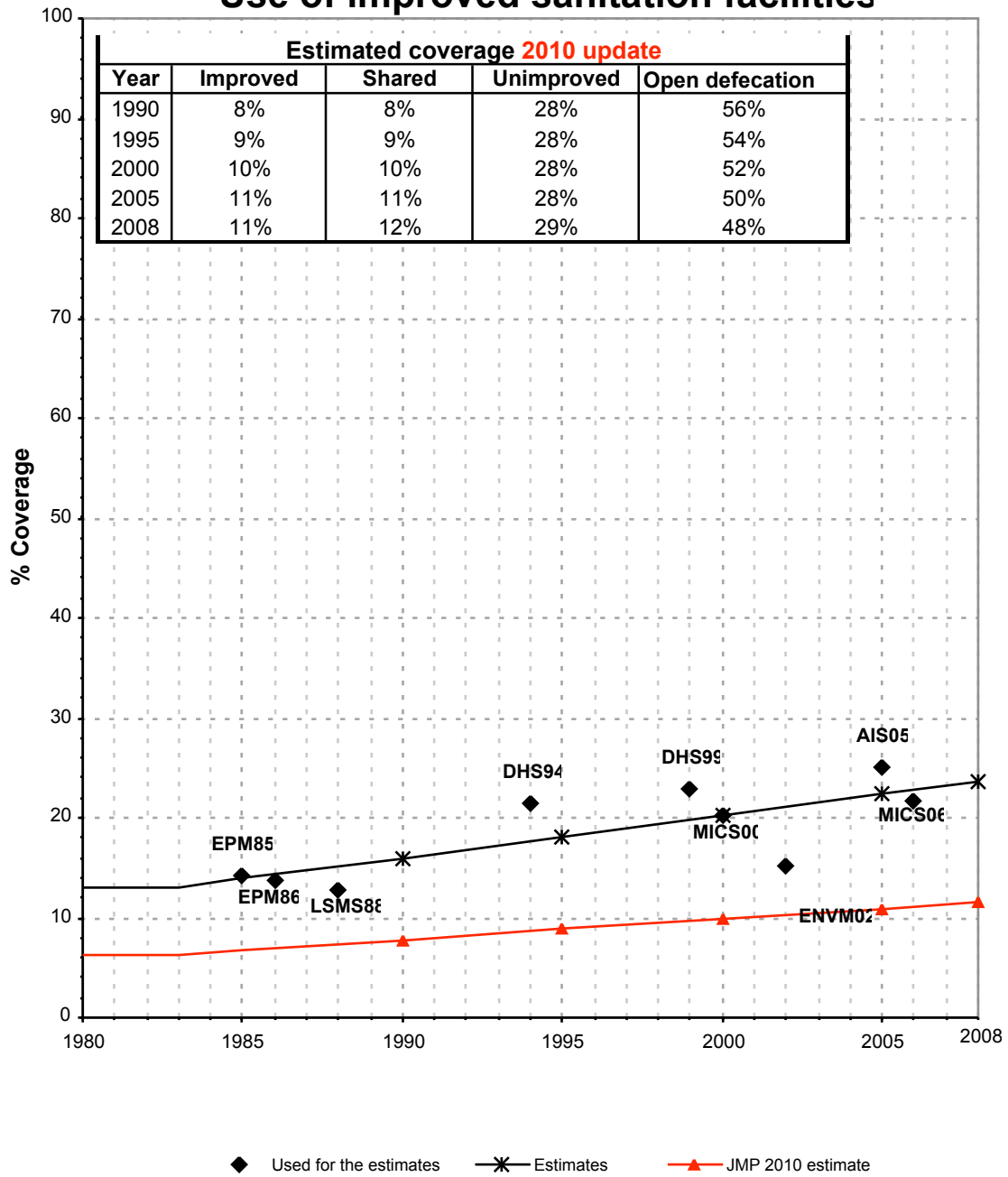
Use of sanitation facilities		AIS05		Côte d'Ivoire	
AIS				2005	
Original denomination	Classification	Urban	Rural	Total	
	Flush and pour flush	29.2	6.0		
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
Chasse d'eau	Flush/toilets	29.2	6.0		
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
	Private flush/toilet				
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
	Public/shared flush/toilet				
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
	Latrines	66.0	43.3		
	Pour flush latrines				
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
	Private pour flush latrine				
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
	Public/shared pour flush latrine				
	to piped sewer system				
	to septic tank				
	to pit				
	to unknown place/ not sure/DK				
	to elsewhere				
	Dry latrines	66.0	43.3		
	Improved latrines	9.2	3.6		
Fosse/Latrines amelioreses	Ventilated Improved Pit latrine	9.2	3.6		
	Pit latrine with slab/covered latrine				
Latrine rudimentaires	Traditional latrine	56.8	39.7		
	Pit latrine without slab/open pit				
	Hanging toilet/hanging latrine				
	Bucket latrine				
	Other				
	Private Latrines				
	Ventilated Improved Pit latrine				
	Pit latrine with slab/covered latrine				
	Traditional latrine				
	Pit latrine without slab/open pit				
	Hanging toilet/hanging latrine				
	Bucket latrine				
	Other				
	Public/shared Latrines				
	Ventilated Improved Pit latrine				
	Pit latrine with slab/covered latrine				
	Traditional latrine				
	Pit latrine without slab/open pit				
	Hanging toilet/hanging latrine				
	Bucket latrine				
	Other				
	Composting toilets				
	Composting toilet (private)				
	Composting toilet (shared)				
	Other improved				
	Other				
	Other				
Pas de toilettes/nature	No facility, bush, field	4.6	50.3		
	Other unimproved				
	Other				
	Other				
ND	DK/missing information	0.2	0.3		
	Total	100.0	99.9		
Calculations	Latrine a fosse adjusted for open pit based on MICS00	37.7	31.1		
Estimations	50% of adjusted latrine a fosse considered improved	18.8	15.6		
	Sewerage connection based on MICS06	11.3	0.0		
Access to improved sanitation :		57%	25%		
Access to sewerage connections :		11%	0%		
Used for the estimates :		Yes	Yes		
Used for the estimates :		Yes	Yes		
Ratios	Shared improved facilities/all improved facilities				
	Improved latrine / All latrines	14%	8%		
	Covered dry latrines / All dry latrines				
	VIP / All latrines	14%	8%		
	Traditional latrines / All latrines	86%	92%		
	Improved + traditional latrines / All latrines	100%	100%		
	Sewerage connection among flush/pour flush				
	Sewerage connection among flush				
	Number of people covered by the survey				
	Number of households covered by the survey				
	Total population				
Comments					

Côte d'Ivoire			SANITATION																
			URBAN								RURAL								
			Sewer connection		Total		Open defecation		Shared		Sewer connection		Total		Open defecation		Shared		
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	
Enquete permanente aupres des menages	EPM85	1985	30.8		66.1		4.9				0.4		14.3		65.1				
Enquete permanente aupres des menages	EPM86	1986	27.0		61.4		5.7				0.2		13.7		66.1				
Living Standarts Measurement Survey	LSMS88	1988	22.7		55.7		8.8				0.9		12.8		70.7				
Demographic and Health Survey	DHS94	1994	17.4		72.0		7.2				0.9		21.4		0.9				
Demographic and Health Survey	DHS99	1999	14.7		64.4		3.6				0.9		22.8		55.3				
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		10.7		92.0						0.0		42.8					
Multiple Indicator Cluster Survey	MICS00	2000	16.8		66.8		4.4				0.6		20.4		52.1				
World Health Survey	WHS03	2003		20.5		68.2		15.8		37.3		2.4		41.0		39.0		27.4	
AIS	AIS05	2005	11.3		57.2		4.6				0.0		25.2		50.3				
Multiple Indicator Cluster Survey	MICS06	2006	12.0		63.2		5.2		39.2		0.0		21.6		55.7		51.4		
ENQUETE NIVEAU DE VIE DES MENAGES	ENVM02	2002			50.4		8.7						15.1		64.5				

Côte d'Ivoire - urban - Use of improved sanitation facilities



Côte d'Ivoire - rural - Use of improved sanitation facilities



Sanitation

Côte d'Ivoire	Sanitation coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Improved facilities	38	36	8	11	20	23
Shared facilities	25	24	8	12	15	18
Unimproved facilities	31	35	28	29	29	32
Open defecation	6	5	56	48	36	27

Source: WHO/UNICEF JMP, 2010

Côte d'Ivoire	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	5,011	10,054	7,599	10,537	12,610	20,591

Source: UN / Population Division, 2008

