

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		DHS95			Morocco			Use of sanitation facilities		JMP99			Morocco		
Demographic and Health Survey					1995			Global Water Supply and Sanitation Assessment 2000.					1999		
								Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.							
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
	Flush and pour flush	92.2	16.3			Flush and pour flush	70.0	4.0			Flush and pour flush	70.0	4.0		
	to piped sewer system				Population served with household connections to conventional	to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
	Flush/toilets	92.2	16.3			Flush/toilets					Flush/toilets				
	to piped sewer system					to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
Private flush inside	Private flush/toilet	84.4	15.9			Private flush/toilet					Private flush/toilet				
	to piped sewer system					to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
Shared flush inside	Public/shared flush/toilet	7.8	0.4			Public/shared flush/toilet					Public/shared flush/toilet				
	to piped sewer system					to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
	Latrines	5.2	23.0			Latrines					Latrines				
	Pour flush latrines					Pour flush latrines					Pour flush latrines				
	to piped sewer system					to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
	Private pour flush latrine					Private pour flush latrine					Private pour flush latrine				
	to piped sewer system					to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
	Public/shared pour flush latrine					Public/shared pour flush latrine					Public/shared pour flush latrine				
	to piped sewer system					to piped sewer system					to piped sewer system				
	to septic tank					to septic tank					to septic tank				
	to pit					to pit					to pit				
	to unknown place/ not sure/DK					to unknown place/ not sure/DK					to unknown place/ not sure/DK				
	to elsewhere					to elsewhere					to elsewhere				
	Dry latrines	5.2	23.0			Dry latrines					Dry latrines				
	Improved latrines	2.2	7.8			Improved latrines					Improved latrines				
Improved Pit	Ventilated Improved Pit latrine	2.2	7.8			Ventilated Improved Pit latrine					Ventilated Improved Pit latrine				
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine				
Simple Pit*	Traditional latrine	3.0	15.2			Traditional latrine					Traditional latrine				
	Pit latrine without slab/open pit					Pit latrine without slab/open pit					Pit latrine without slab/open pit				
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine					Hanging toilet/hanging latrine				
	Bucket latrine					Bucket latrine					Bucket latrine				
	Other					Other					Other				
	Private Latrines					Private Latrines					Private Latrines				
	Ventilated Improved Pit latrine					Ventilated Improved Pit latrine					Ventilated Improved Pit latrine				
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine				
	Traditional latrine					Traditional latrine					Traditional latrine				
	Pit latrine without slab/open pit					Pit latrine without slab/open pit					Pit latrine without slab/open pit				
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine					Hanging toilet/hanging latrine				
	Bucket latrine					Bucket latrine					Bucket latrine				
	Other					Other					Other				
	Public/shared Latrines					Public/shared Latrines					Public/shared Latrines				
	Ventilated Improved Pit latrine					Ventilated Improved Pit latrine					Ventilated Improved Pit latrine				
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine				
	Traditional latrine					Traditional latrine					Traditional latrine				
	Pit latrine without slab/open pit					Pit latrine without slab/open pit					Pit latrine without slab/open pit				
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine					Hanging toilet/hanging latrine				
	Bucket latrine					Bucket latrine					Bucket latrine				
	Other					Other					Other				
	Composting toilets					Composting toilets					Composting toilets				
	Composting toilet (private)					Composting toilet (private)					Composting toilet (private)				
	Composting toilet (shared)					Composting toilet (shared)					Composting toilet (shared)				
	Other improved				Population without household connections but served	Other improved	30.0	32.0			Other improved				
	Other					Other					Other				
	Other					Other					Other				
No Facilities	No facility, bush, field	2.5	60.7			No facility, bush, field					No facility, bush, field				
	Other unimproved				Total population unserved	Other unimproved	0.0	64.0			Other unimproved				
	Other					Other					Other				
	Other					Other					Other				
Other (Not Defined)	DK/missing information	0.1	0.0			DK/missing information					DK/missing information				
	Total	100.0	100.0			Total	100.0	100.0			Total	100.0	100.0		
Calculations						Calculations					Calculations				
Estimations						Estimations					Estimations				
	Traditional latrinesconsidered improved, based on WHS03	2.9	13.6												
	SC, based on WHS03	92.2	16.3												
Access to improved sanitation :		97%	38%		Access to improved plus shared sanitation:		100%	36%		Access to improved plus shared sanitation:		100%	36%		
Access to sewerage connections :		92%	16%		Access to sewerage connections :		70%	4%		Access to sewerage connections :		70%	4%		
Used for the estimates:		Yes	Yes		Used for the estimates:		No	No		Used for the estimates:		No	No		
Used for the estimates:		Yes	Yes		Used for the estimates:		No	No		Used for the estimates:		No	No		
Ratios	Shared improved facilities/all improved facilities	42%	34%			Shared improved facilities/all improved facilities					Shared improved facilities/all improved facilities				
	Improved latrine / All latrines	42%	34%			Improved latrine / All latrines					Improved latrine / All latrines				
	Covered dry latrines / All dry latrines	42%	34%			Covered dry latrines / All dry latrines					Covered dry latrines / All dry latrines				
	VIP / All latrines	58%	66%			VIP / All latrines					VIP / All latrines				
	Traditional latrines / All latrines	100%	100%			Traditional latrines / All latrines					Traditional latrines / All latrines				
	Improved + traditional latrines / All latrines					Improved + traditional latrines / All latrines					Improved + traditional latrines / All latrines				
	Sewerage connection among flush/pour flush					Sewerage connection among flush/pour flush					Sewerage connection among flush/pour flush				
	Sewerage connection among 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 people covered by the survey:				
	Number of households covered by the survey:					Number of households covered by the survey:					Number of households covered by the survey:				
	Total population:					Total population:	14957	12818			Total population:	14957	12818		
Comments						Comments					Comments				

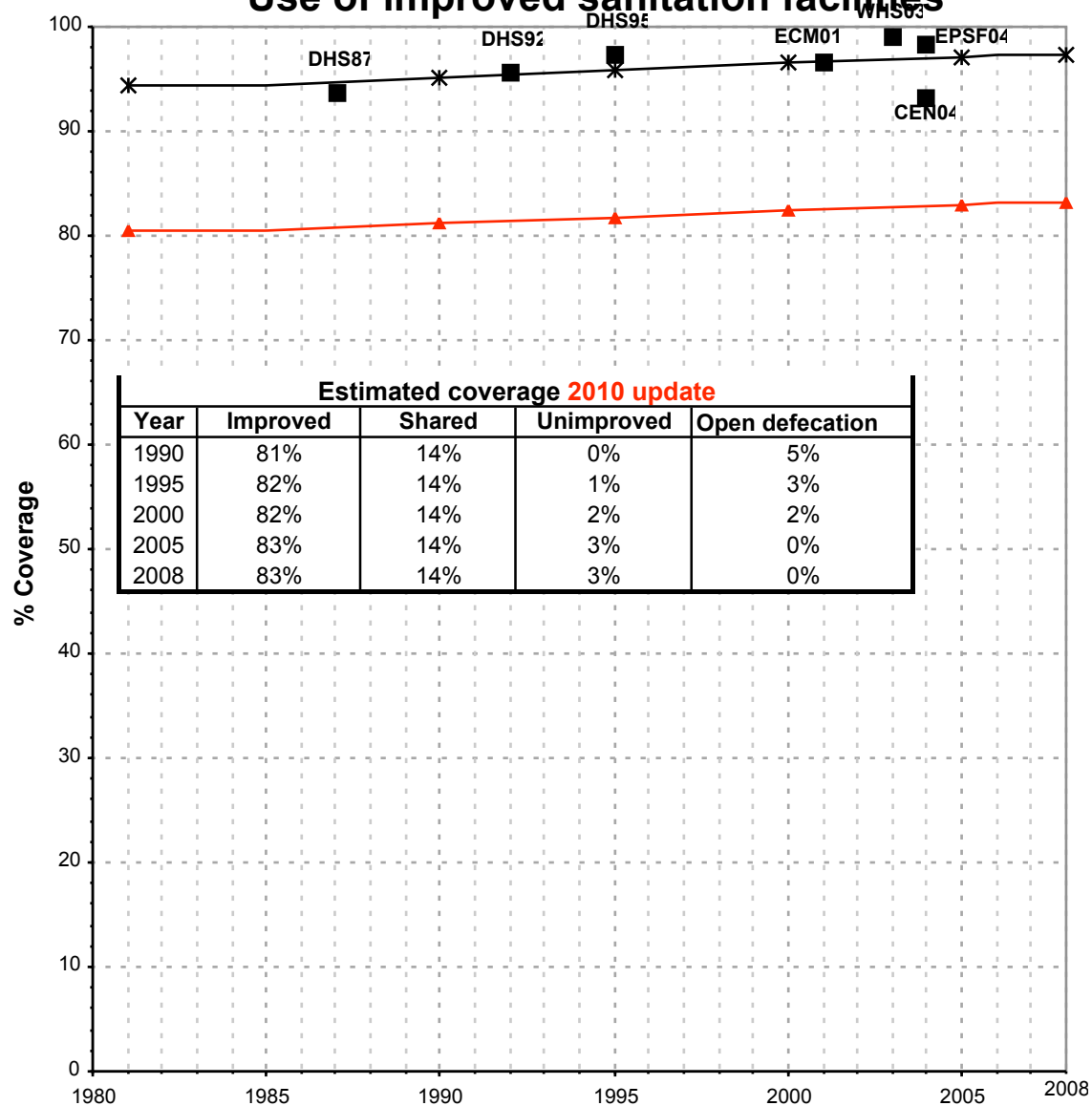
Use of sanitation facilities		ENV99			Morocco			Use of sanitation facilities		ENE00			Morocco		
Enquête nationale sur les niveaux de vie des ménages					Enquête nationale sur l'emploi										
Direction de la Statistique, Haut-Commissariat au Plan					Direction de la Statistique, Haut-Commissariat au Plan										
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total
Ménages raccordés au réseau d'égouts		Flush and pour flush			80.4	0.8	0.0	Ménages raccordés au réseau d'égouts		Flush and pour flush			83.7	1.9	
		to piped sewer system			80.4	0.8				to piped sewer system			83.7	1.9	
		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								Flush/toilets					
		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 flush/toilet								Private flush/toilet					
		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 flush/toilet								Public/shared flush/toilet					
		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								Latrines					
		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								Dry latrines					
		Improved latrines								Improved latrines					
		Ventilated Improved Pit latrine								Ventilated Improved Pit latrine					
		Pit latrine with slab/covered latrine								Pit latrine with slab/covered latrine					
		Traditional latrine								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					
		Private Latrines								Private Latrines					
		Ventilated Improved Pit latrine								Ventilated Improved Pit latrine					
		Pit latrine with slab/covered latrine								Pit latrine with slab/covered latrine					
		Traditional latrine								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								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								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					
		No facility, bush, field								No facility, bush, field					
		Other unimproved								Other unimproved					
		Other								Other					
		Other								Other					
		DK/missing information								DK/missing information					
		Total			80.4	0.8	0.0			Total			83.7	1.9	
Calculations								Calculations							
Estimations								Estimations							
Access to improved sanitation :					80%	1%	0%	Access to improved sanitation :					84%	2%	
Access to sewerage connections :					80%	1%		Access to sewerage connections :					84%	2%	
Used for the estimates:					No	No		Used for the estimates:					No	No	
Used for the estimates:					No	No		Used for the estimates:					No	No	
Ratios		Shared improved facilities/all improved facilities						Ratios		Shared improved facilities/all improved facilities					
		Improved latrine / All latrines								Improved latrine / All latrines					
		Covered dry latrines / All dry latrines								Covered dry latrines / All dry latrines					
		VIP / All latrines								VIP / All latrines					
		Traditional latrines / All latrines								Traditional latrines / All latrines					
		Improved + traditional latrines / All latrines								Improved + traditional latrines / All latrines					
		Sewerage connection among flush/pour flush			100.0	100.0				Sewerage connection among flush/pour flush			100.0	100.0	
		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		Not taken into account because of insufficient level of disaggregation						Comments		Not taken into account because of insufficient level of disaggregation					

Use of sanitation facilities		ENE03			Morocco			Use of sanitation facilities		ENE04			Morocco		
Enquête nationale sur l'emploi					Enquête nationale sur l'emploi										
Direction de la Statistique, Haut-Commissariat au Plan					Direction de la Statistique, Haut-Commissariat au Plan										
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total
		Flush and pour flush			86.4	2.1				Flush and pour flush			86.8	4.3	
Ménages raccordés au réseau d'égouts		to piped sewer system		86.4	2.1		Ménages raccordés au réseau d'égouts		to piped sewer system		86.8	4.3			
		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								Flush/toilets					
		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 flush/toilet								Private flush/toilet					
		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 flush/toilet								Public/shared flush/toilet					
		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								Latrines					
		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								Dry latrines					
		Improved latrines								Improved latrines					
		Ventilated Improved Pit latrine							Ventilated Improved Pit latrine						
		Pit latrine with slab/covered latrine							Pit latrine with slab/covered latrine						
		Traditional latrine							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						
		Private Latrines								Private Latrines					
		Ventilated Improved Pit latrine							Ventilated Improved Pit latrine						
		Pit latrine with slab/covered latrine							Pit latrine with slab/covered latrine						
		Traditional latrine							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								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							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						
		No facility, bush, field								No facility, bush, field					
		Other unimproved								Other unimproved					
		Other							Other						
		Other							Other						
		DK/missing information								DK/missing information					
		Total			86.4	2.1				Total			86.8	4.3	
Calculations								Calculations							
Estimations								Estimations							
		Access to improved sanitation :			86%	2%				Access to improved sanitation :			87%	4%	
		Access to sewerage connections :			86%	2%				Access to sewerage connections :			87%	4%	
		Used for the estimates:			No	No				Used for the estimates:			No	No	
		Used for the estimates:			No	No				Used for the estimates:			No	No	
Ratios		Shared improved facilities/all improved facilities						Ratios		Shared improved facilities/all improved facilities					
		Improved latrine / All latrines								Improved latrine / All latrines					
		Covered dry latrines / All dry latrines								Covered dry latrines / All dry latrines					
		VIP / All latrines								VIP / All latrines					
		Traditional latrines / All latrines								Traditional latrines / All latrines					
		Improved + traditional latrines / All latrines								Improved + traditional latrines / All latrines					
		Sewerage connection among flush/pour flush			100.0	100.0				Sewerage connection among flush/pour flush			100.0	100.0	
		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		Not taken into account because of insufficient level of disaggregation						Comments		Not taken into account because of insufficient level of disaggregation					

Use of sanitation facilities		ENE06			Morocco			Use of sanitation facilities		ENE07			Morocco		
Enquête nationale sur l'emploi					Enquête nationale sur l'emploi										
Direction de la Statistique, Haut-Commissariat au Plan					Direction de la Statistique, Haut-Commissariat au Plan										
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total
Ménages raccordés au réseau d'égouts		Flush and pour flush			85.6	3.4		Ménages raccordés au réseau d'égouts		Flush and pour flush			85.7	3.3	
		to piped sewer system			85.6	3.4				to piped sewer system			85.7	3.3	
		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								Flush/toilets					
		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 flush/toilet								Private flush/toilet					
		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 flush/toilet								Public/shared flush/toilet					
		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								Latrines					
		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								Dry latrines					
		Improved latrines								Improved latrines					
		Ventilated Improved Pit latrine								Ventilated Improved Pit latrine					
		Pit latrine with slab/covered latrine								Pit latrine with slab/covered latrine					
		Traditional latrine								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					
		Private Latrines								Private Latrines					
		Ventilated Improved Pit latrine								Ventilated Improved Pit latrine					
		Pit latrine with slab/covered latrine								Pit latrine with slab/covered latrine					
		Traditional latrine								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								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								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					
		No facility, bush, field								No facility, bush, field					
		Other unimproved								Other unimproved					
		Other								Other					
		Other								Other					
		DK/missing information								DK/missing information					
Total					85.6	3.4							85.7	3.3	
Calculations															
Estimations															
Access to improved sanitation : 86% 3%					Access to improved sanitation : 86% 3%										
Access to sewerage connections : 86% 3%					Access to sewerage connections : 86% 3%										
Used for the estimates: No No					Used for the estimates: No No										
Used for the estimates: No No					Used for the estimates: No No										
Ratios		Shared improved facilities/all improved facilities								Shared improved facilities/all improved facilities					
		Improved latrine / All latrines								Improved latrine / All latrines					
		Covered dry latrines / All dry latrines								Covered dry latrines / All dry latrines					
		VIP / All latrines								VIP / All latrines					
		Traditional latrines / All latrines								Traditional latrines / All latrines					
		Improved + traditional latrines / All latrines								Improved + traditional latrines / All latrines					
		Sewerage connection among flush/pour flush			100.0	100.0				Sewerage connection among flush/pour flush			100.0	100.0	
		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		Not taken into account because of insufficient level of disaggregation			Comments		Not taken into account because of insufficient level of disaggregation								

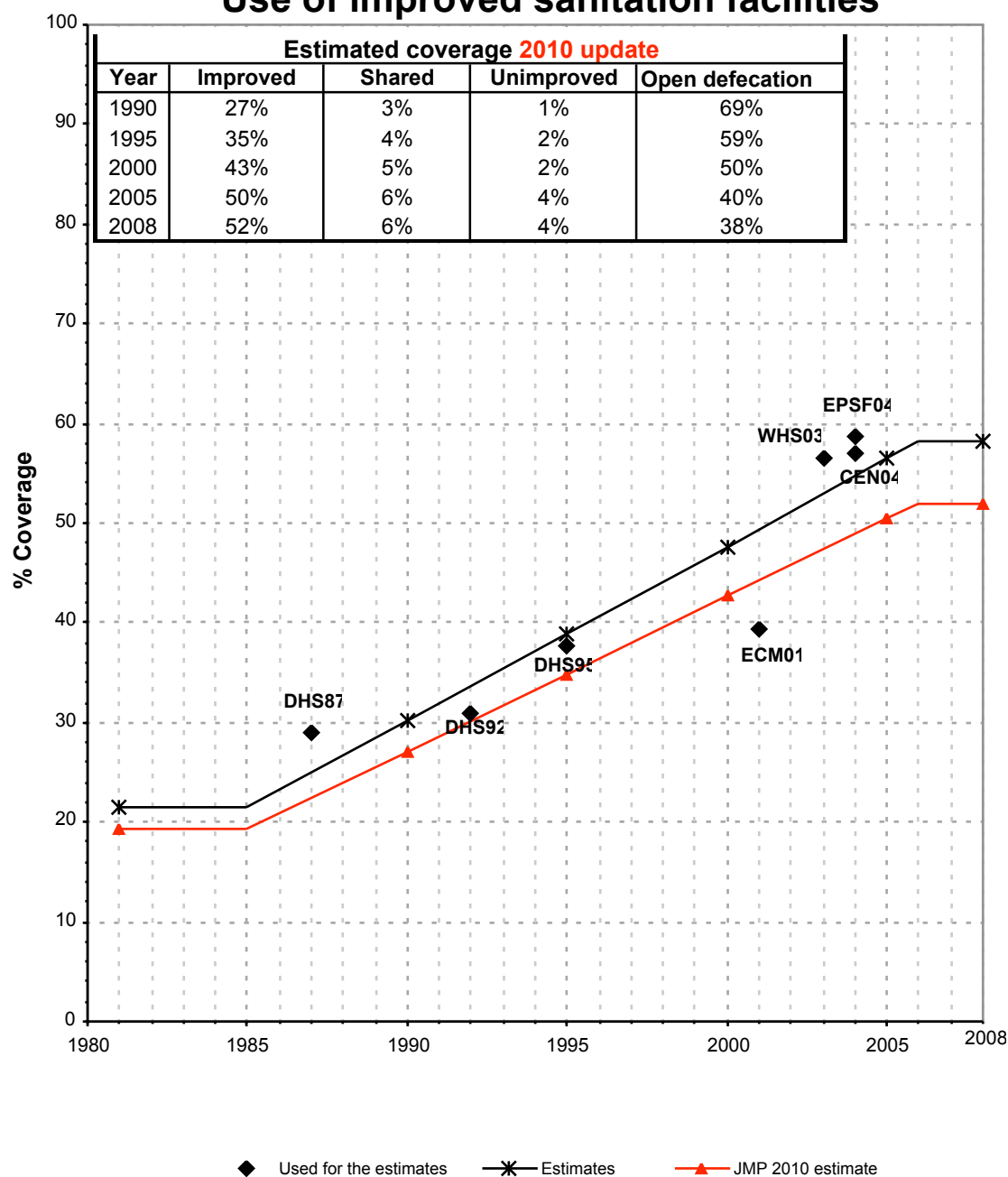
Morocco			SANITATION															
			URBAN								RURAL							
			Sewer connection		Total		Open defecation		Shared		Sewer connection		Total		Open defecation		Shared	
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used
Demographic and Health Survey	DHS87	1987	93.6		93.6		6.2				29.1		29.1		70.6			
Demographic and Health Survey	DHS92	1992	90.3		95.6		4.2				18.3		31.0		67.6			
Demographic and Health Survey	DHS95	1995	92.2		97.3		2.5				16.3		37.7		60.7			
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		70.0		100.0						4.0		36.0				
World Health Survey	WHS03	2003	86.7		98.9		0.5		14.7		2.5		56.5		36.9		10.5	
EPSF,(PAPFAM)	EPSF04	2004	97.8		98.3		1.4				56.3		58.7		39.6			
Recensement Général de la Population et de l'Habitat	CEN82	1982				85.2								19.4				
Recensement Général de la Population et de l'Habitat	CEN94	1994				91.1								32.6				
Enquête nationale sur les niveaux de vie des ménages	ENV99	1999		80.4		80.4						0.8		0.8				
Enquête nationale sur l'emploi	ENE00	2000		83.7		83.7						1.9		1.9				
Enquête Nationale sur la Consommation et les Dépense des Ménages	ECM01	2001	84.8		96.6		2.8				1.6		39.3		57.0			
Enquête nationale sur l'emploi	ENE01	2001		85.2		85.2						2.2		2.2				
Enquête nationale sur l'emploi	ENE03	2003		86.4		86.4						2.1		2.1				
Enquête nationale sur l'emploi	ENE04	2004		86.8		86.8						4.3		4.3				
Recensement Général de la Population et de l'Habitat	CEN04	2004	79.0		93.1						1.7		56.9					
Enquête nationale sur l'emploi	ENE05	2005		87.2		87.2						2.7		2.7				
Enquête nationale sur l'emploi	ENE06	2006		85.6		85.6						3.4		3.4				
Enquête nationale sur l'emploi	ENE07	2007		85.7		85.7						3.3		3.3				

Morocco - urban - Use of improved sanitation facilities



■ Used for the estimates * Estimates ▲ JMP 2010 estimate

Morocco - rural - Use of improved sanitation facilities



Sanitation

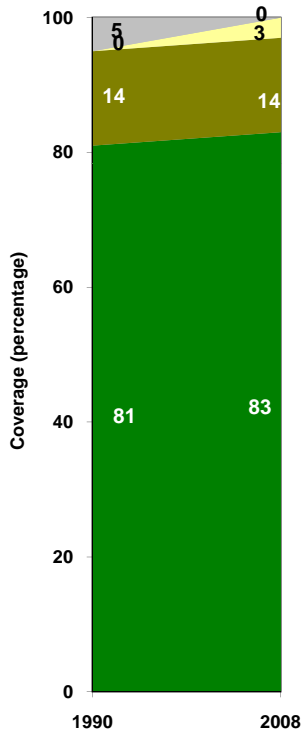
Morocco	Sanitation coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Improved facilities	81	83	27	52	53	69
Shared facilities	14	14	3	6	8	10
Unimproved facilities	0	3	1	4	1	4
Open defecation	5	0	69	38	38	17

Source: WHO/UNICEF JMP, 2010

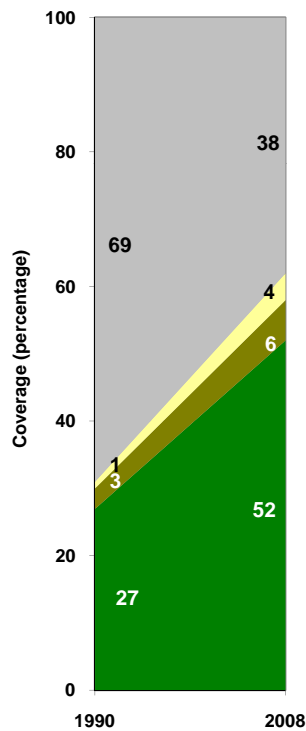
Morocco	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	12,005	17,701	12,803	13,905	24,808	31,606

Source: UN / Population Division, 2008

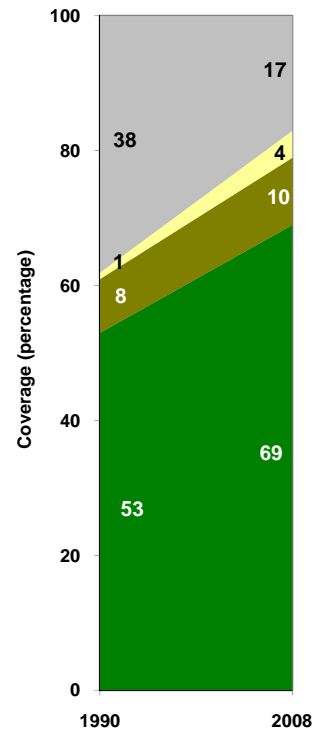
Urban sanitation trends



Rural sanitation trends



Total sanitation trends



■ Open defecation
■ Unimproved facilities
■ Shared facilities
■ Improved facilities

■ Open defecation
■ Unimproved facilities
■ Shared facilities
■ Improved facilities

■ Open defecation
■ Unimproved facilities
■ Shared facilities
■ Improved facilities