

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

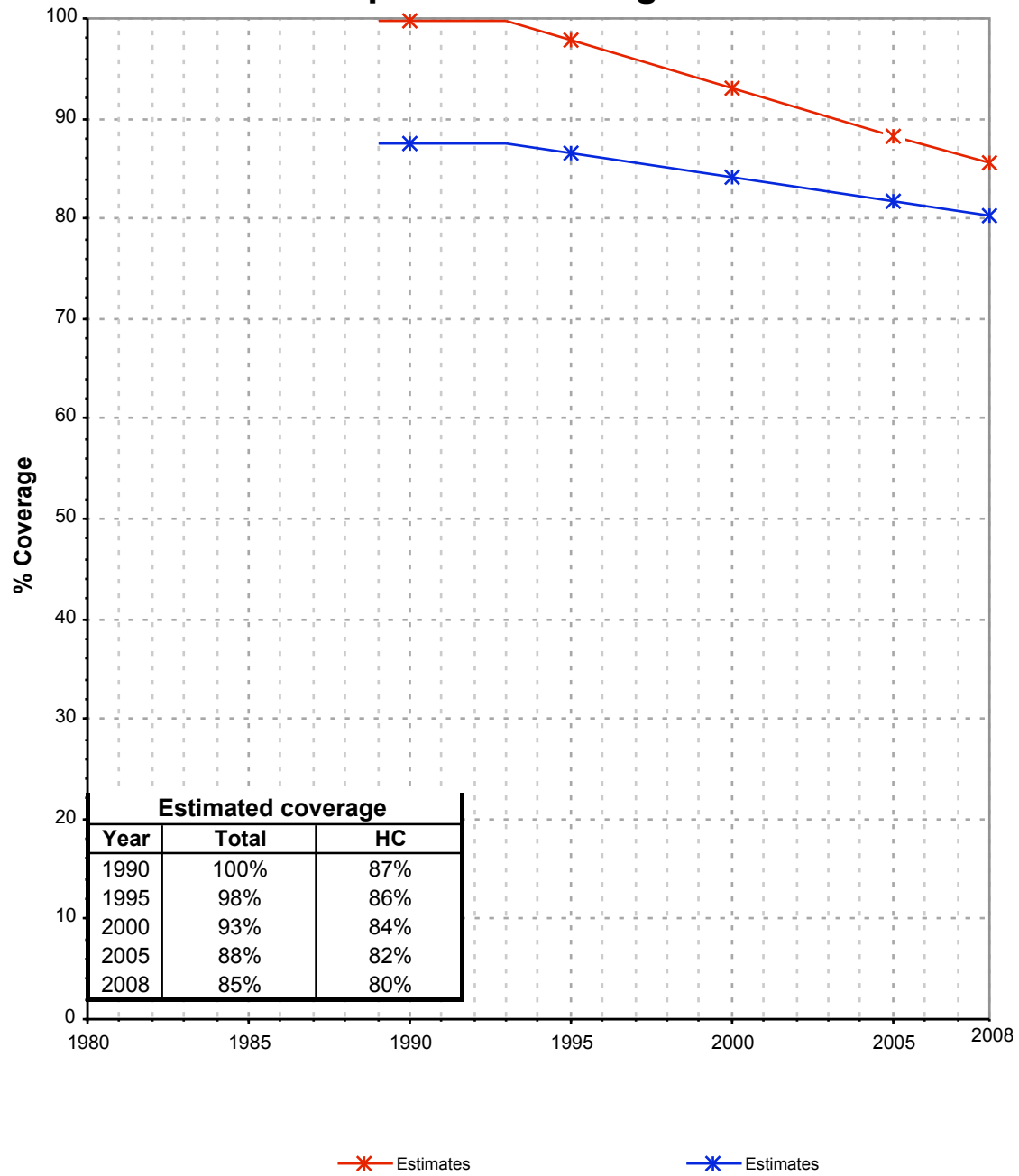
childinfo.org

Access to drinking water sources		MICS95			Algeria			Access to drinking water sources		JMP99			Algeria		
Multiple Indicator Cluster Survey					Global Water Supply and Sanitation Assessment 2000.					Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.					
Enquete nationale sur les objectifs de la mi-decennie					1995			1999							
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Private Tap	Tap water	90.5	64.5		Population served with household connection	Tap water	81.3	20.8							
	House connections	84.8	46.9			House connections									
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
Public Tap	Public tap, standpipe	5.7	17.6			Public tap, standpipe									
	Other					Other									
	Ground water	7.5	27.6		Population without household connection but with reasonable access to a public	Ground water	8.0	54.6							
	Protected ground water	7.5	23.1			Protected ground water	8.0	54.6							
	Unprotected ground water		4.5			Unprotected ground water									
	Protected wells or springs	7.5	23.7	0.0		Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs	0.0	4.5	0.0		Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells	0.2	8.7			All wells									
	Private					Private									
	Public					Public									
	Other					Other									
Drilled Wells	Tubewell, borehole	0.2	8.7			Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs	7.3	18.9			All springs									
	Private					Private									
	Public					Public									
	Other					Other									
Protected Spring	Protected spring	7.3	14.4			Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
Unprotected Spring	Unprotected spring	0.0	4.5			Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater									
	Covered cistern/tank					Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water	0.0	1.7			Surface water									
River, Stream	River	0.0	1.7			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	2.0	6.2		Total population unserved	Other non-improved	10.7	24.6							
	Cart with small tank/drum					Cart with small tank/drum									
Vendor	Tanker truck provided	2.0	6.2			Tanker truck provided									
	Other					Other									
	Other					Other									
	DK/missing					DK/missing									
	Total	100.0	100.0			Total	100.0	100.0							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources : 98%					Access to improved drinking water sources : 89%										
Access to house connections : 85%					Access to house connections : 81%										
Used for the estimates: Yes Yes					Used for the estimates: No No										
Used for the estimates: Yes Yes					Used for the estimates: No No										
Ratios	HC / Tap water	94%	73%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water	6%	27%			Public tap / Tap water									
	Tubewell + protected well / All wells					Tubewell + protected well / All wells									
	Protected wells / Traditional wells					Protected wells / Traditional wells									
	Tubewell / All wells	100%	100%			Tubewell / All wells									
	Protected springs / All springs	100%	76%			Protected springs / All springs									
	Protect. well & spring / well & spring	100%	84%			Protect. well & spring / well & spring									
Springs/Groundwater	97%	68%													
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										

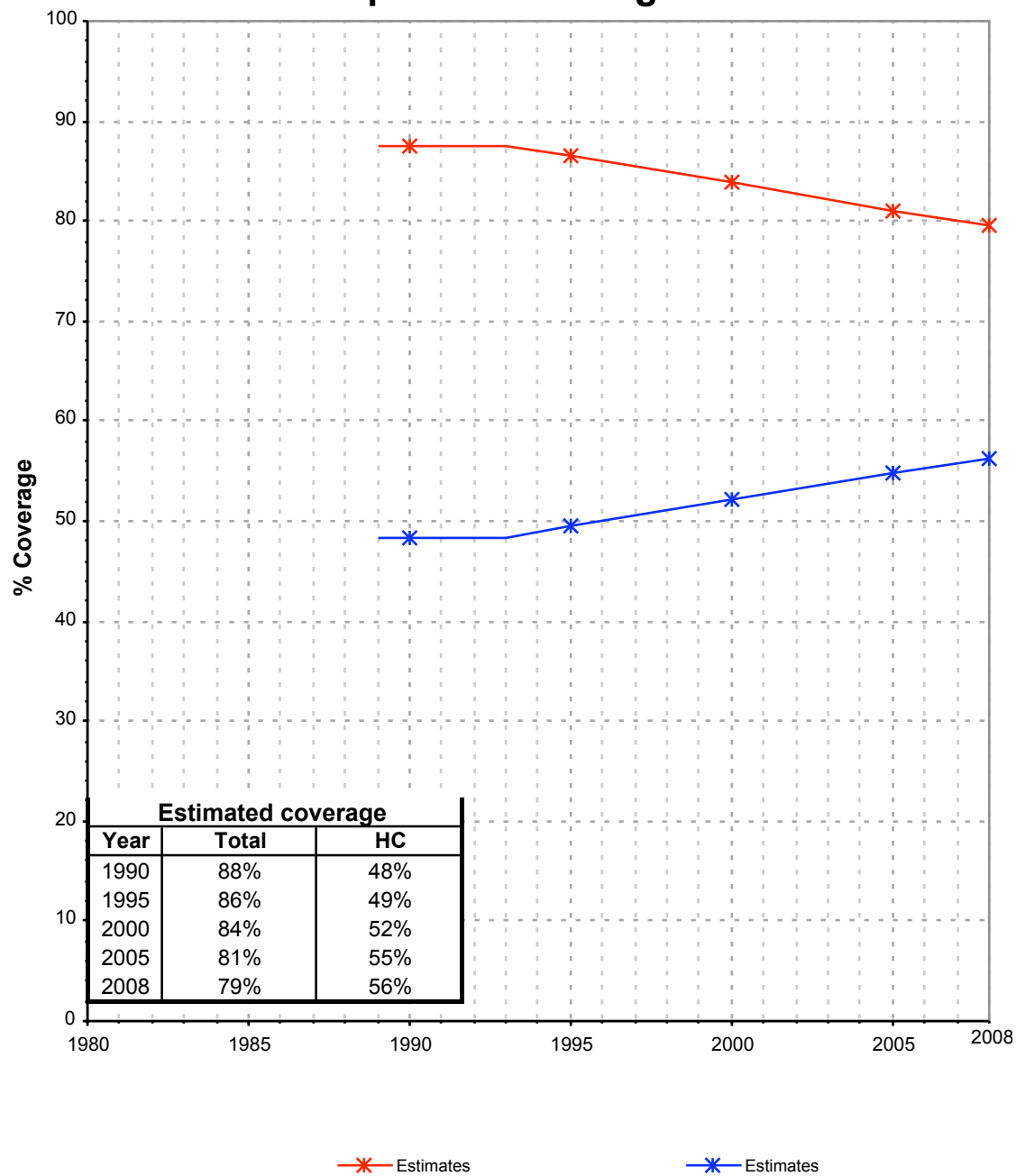
Access to drinking water sources		MICS06		Algeria	
Multiple Indicator Cluster Survey				2006	
Original denomination	Classification	Urban	Rural	Total	
	Tap water	81.9	61.9		
	House connections	79.5	53.0		
Eau de robinet dans le logement	Piped water into dwelling	71.8	40.8		
Dans la cour/parcelle	Piped water to yard/plot	7.7	12.2		
Robinet public/borne fontaine	Public tap, standpipe	2.4	8.9		
	Other				
	Ground water	5.2	23.9		
	Protected ground water	4.5	19.5		
	Unprotected ground water	0.7	4.4		
	Protected wells or springs	4.5	19.5		
	Private				
	Public				
	Other				
	Unprotected wells or springs	0.7	4.4		
	Private				
	Public				
	Other				
	All wells	2.7	16.1		
	Private				
	Public				
	Other				
Puits a pompe/forage	Tubewell, borehole	0.7	6.1		
	Private				
	Public				
	Other				
	Traditional wells	2.0	10.0		
	Private				
	Public				
	Other				
Puits protegee	Protected well	1.9	7.8		
	Private				
	Public				
	Other				
Puits non protegee	Unprotected well	0.1	2.2		
	Private				
	Public				
	Other				
	All springs	2.5	7.8		
	Private				
	Public				
	Other				
Source protegee	Protected spring	1.9	5.6		
	Private				
	Public				
	Other				
Source non protegee	Unprotected spring	0.6	2.2		
	Private				
	Public				
	Other				
	Rainwater	0.0	0.1		
Eau de pluie	Covered cistern/tank	0.0	0.1		
	Uncovered cistern/tank				
	Bottled water	1.9	0.3		
Eau en bouteille + autre amelioree	with other improved	1.7	0.3		
Eau en bouteille - amelioree	without other improved	0.2	0.0		
	Surface water				
	River				
	Lake				
	Dam				
	Pond				
	Stream				
	Irrigation channel				
	Other				
	Other improved sources				
	Other				
	Other				
	Other non-improved	11.1	13.8		
	Cart with small tank/drum				
Camion citerne	Tanker truck provided	10.4	12.9		
Autre	Other	0.7	0.9		
	Other				
	DK/missing				
	Total	100.1	100.0		
Calculations					
Estimations					
Access to improved drinking water sources :		88%	82%		
Access to house connections :		80%	53%		
Used for the estimates:		Yes	Yes		
Used for the estimates:		Yes	Yes		
Ratios	HC / Tap water	97%	86%		
	Public tap / Tap water	3%	14%		
	Tubewell + protected well / All wells	96%	86%		
	Protected wells / Traditional wells	95%	78%		
	Tubewell / All wells	26%	38%		
	Protected springs / All springs	76%	72%		
	Protect. well & spring / well & spring	87%	82%		
Number of people covered by the survey:					
Number of households covered by the survey:					
Total population:					
Comments					

Algeria			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
Multiple Indicator Cluster Survey	MICS95	1995	84.8		98.0		46.9		87.6	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		81.3		89.3		20.8		75.4
Multiple Indicator Cluster Survey	MICS00	2000	86.6		93.8		56.6		82.4	
Enquête algérienne sur la santé de la famille	PAPFAM02	2002	83.9		89.5		53.4		81.8	
Multiple Indicator Cluster Survey	MICS06	2006	79.5		88.1		53.0		81.8	

Algeria - urban - Use of improved drinking water sources



Algeria - rural - Use of improved drinking water sources



Drinking Water

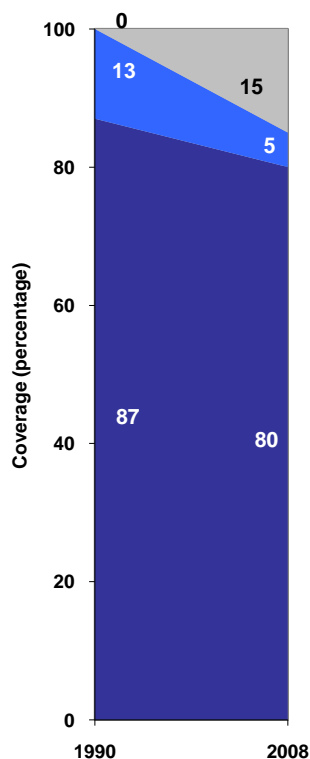
Algeria	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	87	80	48	56	68	72
Other improved source	13	5	40	23	26	11
Unimproved source	0	15	12	21	6	17

Source: WHO/UNICEF JMP, 2010

Algeria	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	13168	22435	12114	11939	25283	34373

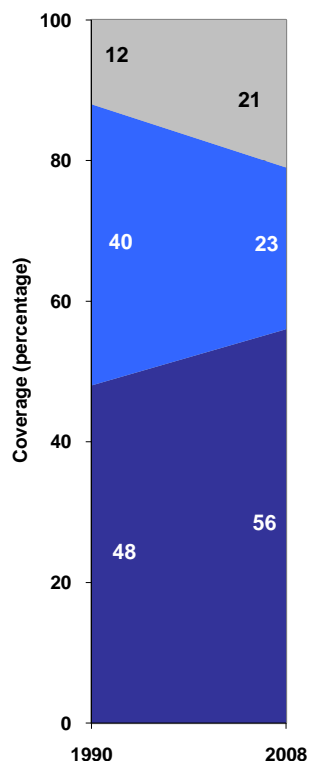
Source: UN / Population Division, 2008

Urban drinking water trends



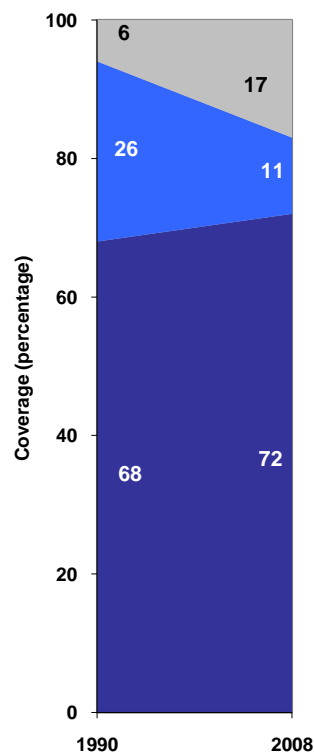
■ Unimproved sources
■ Other improved sources
■ Piped onto premises

Rural drinking water trends



■ Piped onto premises
■ Other improved sources
■ Unimproved sources

Total drinking water trends



■ Unimproved sources
■ Other improved sources
■ Piped onto premises