



WHO / UNICEF

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

Estimates for the use of

**Improved
Drinking-Water Sources**

Updated March 2010

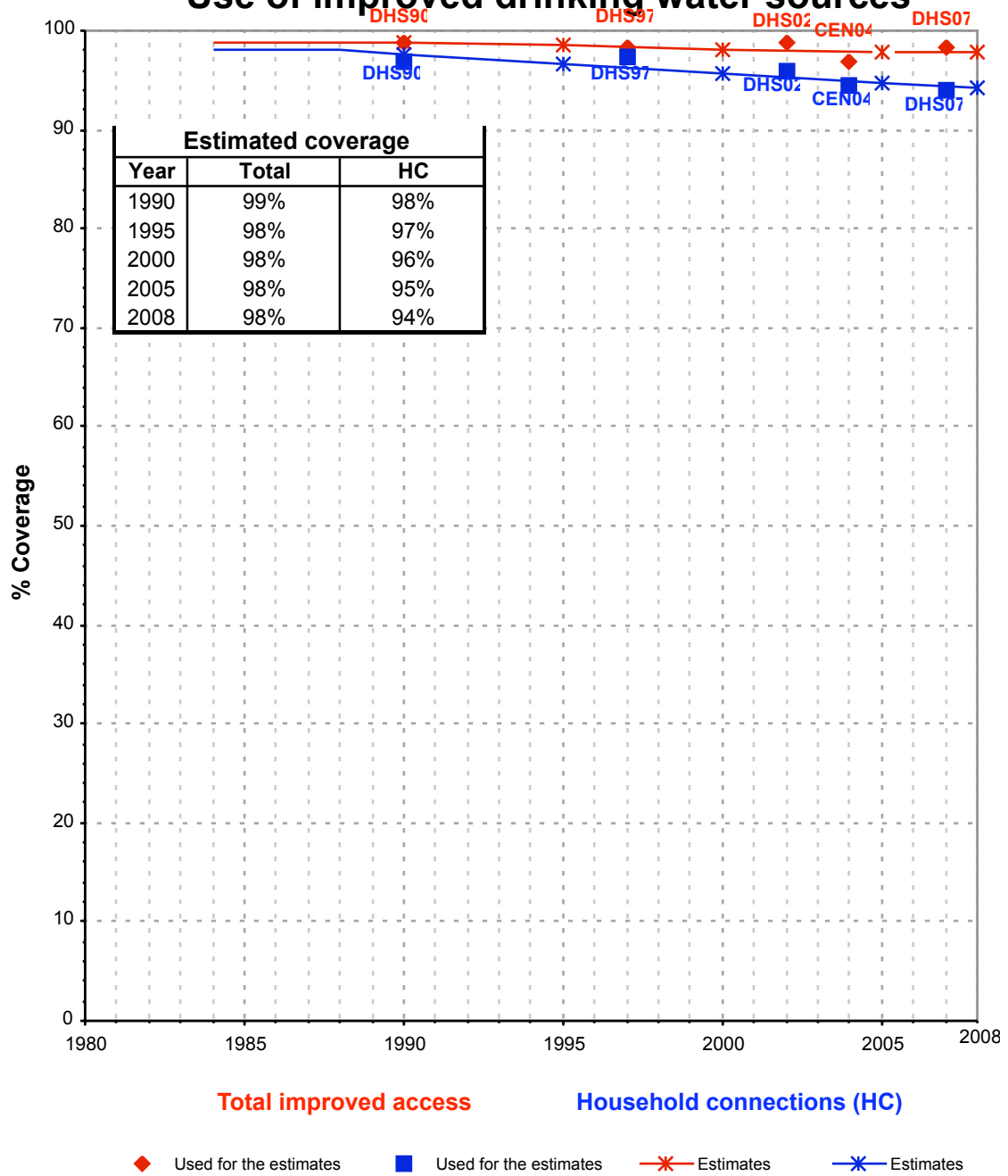
Jordan

Access to drinking water sources		JMP99			Jordan			Access to drinking water sources		DHS02			Jordan		
Global Water Supply and Sanitation Assessment 2000.					Demographic and Health Survey										
Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.					1999					2002					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Population served with household connection	Tap water	97.9	70.2			Tap water	86.5	82.8	85.8						
	House connections	97.9	70.2			House connections	86.5	82.8	85.8						
	Piped water into dwelling				Piped into dwelling	Piped water into dwelling	86.5	82.8	85.8						
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe					Public tap, standpipe									
	Other					Other									
Population without household connection but with reasonable access to a public	Ground water	1.7	8.1			Ground water									
	Protected ground water	1.7	8.1			Protected ground water									
	Unprotected ground water					Unprotected ground water									
	Protected wells or springs					Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					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					All springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater	3.0	10.8	4.5						
	Covered cistern/tank				Rainwater	Covered cistern/tank	3.0	10.8	4.5						
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water	9.3	0.8	7.6						
	with other improved				Bottled water	with other improved	9.3	0.8	7.6						
	without other improved					without other improved									
	Surface water					Surface water									
	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									
Total population unserved	Other non-improved	0.4	21.7			Other non-improved	1.3	5.6	2.0						
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided				Tanker truck	Tanker truck provided	1.1	4.5	1.7						
	Other				Other	Other	0.2	1.1	0.3						
	Other					Other									
	DK/missing					DK/missing									
	Total	100.0	100.0			Total	100.1	100.0	99.9						
Calculations					Calculations										
Estimations					Estimations										
						Bottled water with HC	9.3	0.8	7.6						
Access to improved drinking water sources : 100% 78%					Access to improved drinking water sources : 99% 94% 98%										
Access to house connections : 98% 70%					Access to house connections : 96% 84% 93%										
Used for the estimates: No No					Used for the estimates: Yes Yes										
Used for the estimates: No No					Used for the estimates: Yes Yes										
Ratios	HC / Tap water	100%	100%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water					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					Tubewell / All wells									
	Protected springs / All springs					Protected springs / All springs									
	Protect. well & spring / well & spring					Protect. well & spring / well & spring									
	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:	3591.2	1242			Total population:									
Comments					Comments										

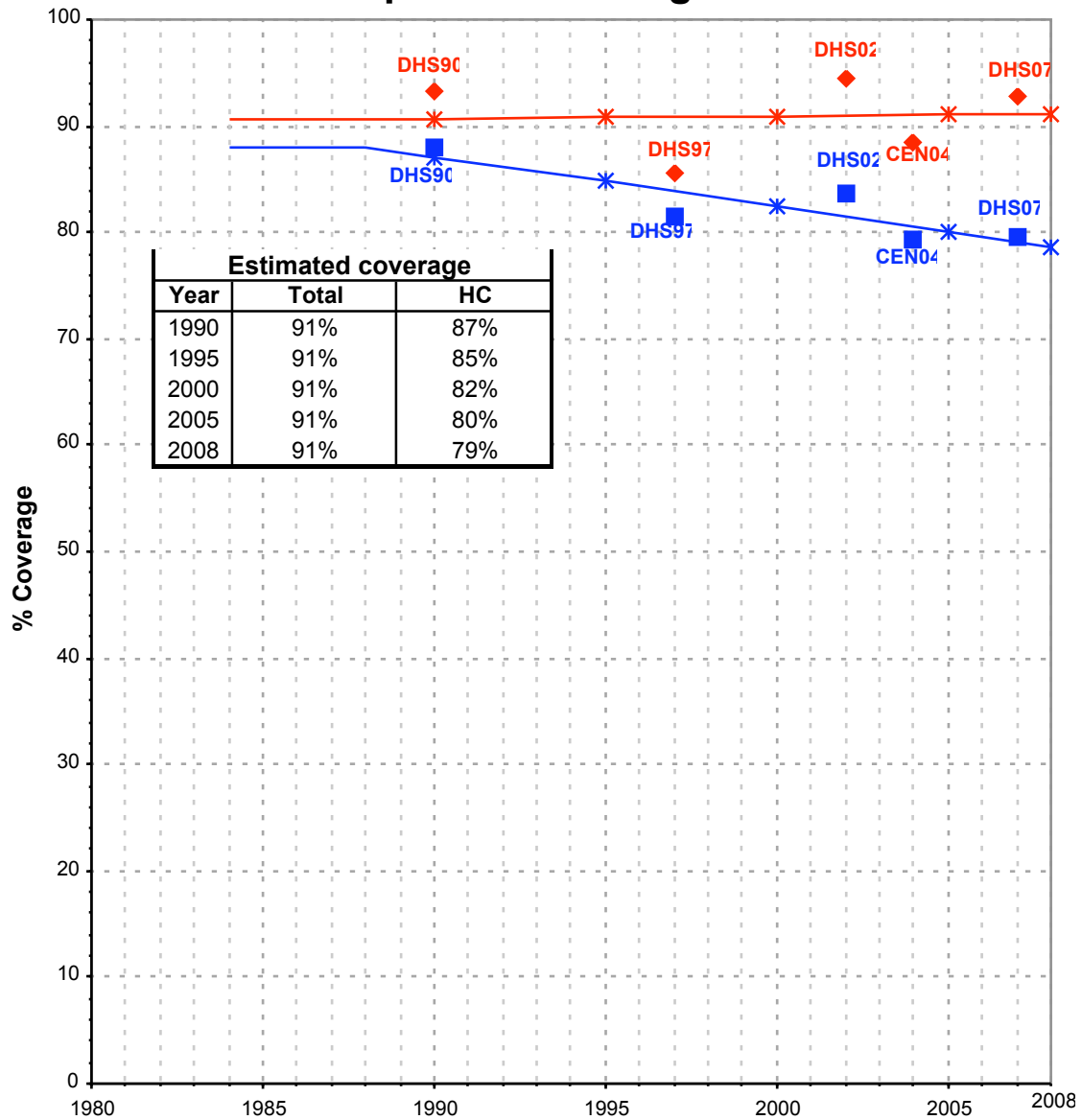
Access to drinking water sources		CEN04			Jordan			Access to drinking water sources		DHS07			Jordan		
Population census								Demographic and Health Survey							
IPUMS					2004								2007		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
Public network	Tap water	83.7	78.8			Tap water	69.6	74.0			Tap water	69.6	74.0		
	House connections					House connections					House connections				
	Piped water into dwelling					Piped water into dwelling					Piped water into dwelling				
	Piped water to yard/plot					Piped water to yard/plot					Piped water to yard/plot				
	Public tap, standpipe					Public tap, standpipe					Public tap, standpipe				
	Other					Other					Other				
	Ground water	0.1	1.2			Ground water	0.2	1.4			Ground water	0.2	1.4		
	Protected ground water					Protected ground water					Protected ground water				
	Unprotected ground water					Unprotected ground water					Unprotected ground water				
	Protected wells or springs					Protected wells or springs					Protected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected wells or springs					Unprotected wells or springs					Unprotected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	All wells	0.0	0.6			All wells	0.2	1.4			All wells	0.2	1.4		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Tubewell, borehole					Tubewell, borehole					Tubewell, borehole				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Artesian well	Traditional wells	0.0	0.6			Traditional wells	0.2	1.4			Traditional wells	0.2	1.4		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Protected well					Protected well					Protected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected well					Unprotected well					Unprotected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected spring					Unprotected spring					Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Spring	All springs	0.1	0.6			All springs					All springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Protected spring					Protected spring					Protected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected spring					Unprotected spring					Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Rainwater	2.4	8.5			Rainwater	4.2	13.2			Rainwater	4.2	13.2		
Well/rain water	Covered cistern/tank	2.4	8.5		rainwater	Covered cistern/tank	4.2	13.2			Covered cistern/tank	4.2	13.2		
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank				
	Bottled water	10.7	0.6			Bottled water	24.5	5.6			Bottled water	24.5	5.6		
Bottled water	with other improved	10.7	0.6		bottled water	with other improved	24.5	5.6			with other improved	24.5	5.6		
	without other improved					without other improved					without other improved				
	Surface water					Surface water					Surface water				
	River					River					River				
	Lake					Lake					Lake				
	Dam					Dam					Dam				
	Pond					Pond					Pond				
	Stream					Stream					Stream				
	Irrigation channel					Irrigation channel					Irrigation channel				
	Other					Other					Other				
	Other improved sources					Other improved sources					Other improved sources				
	Other					Other					Other				
	Other					Other					Other				
	Other non-improved	2.1	9.6			Other non-improved	1.5	5.8			Other non-improved	1.5	5.8		
	Cart with small tank/drum					Cart with small tank/drum					Cart with small tank/drum				
Tanker	Tanker truck provided	2.1	9.6		tanker truck	Tanker truck provided	1.5	5.7			Tanker truck provided	1.5	5.7		
Other	Other				other	Other					Other				
	Other					Other					Other				
NIU (not in universe)	DK/missing	1.1	1.2			DK/missing					DK/missing				
	Total	100.0	100.0			Total	100.0	100.0			Total	100.0	100.0		
Calculations						Calculations									
Estimations	50% of traditional wells considered improved	0.0	0.3			Estimations									
	50% of springs considered improved	0.0	0.3												
	Bottled water with HC	10.7	0.6				24.5	5.6				24.5	5.6		
Access to improved drinking water sources :		97%	89%		Access to improved drinking water sources :		98%	93%		Access to improved drinking water sources :		98%	93%		
Access to house connections :		94%	79%		Access to house connections :		94%	80%		Access to house connections :		94%	80%		
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		
		Yes	Yes				Yes	Yes				Yes	Yes		
Ratios	HC / Tap water	100%	100%			Ratios	HC / Tap water	100%	100%			HC / Tap water	100%	100%	
	Public tap / Tap water						Public tap / Tap water					Public tap / Tap water			
	Tubewell + protected well / All wells						Tubewell + protected well / All wells					Tubewell + protected well / All wells			
	Protected wells / Traditional wells						Protected wells / Traditional wells					Protected wells / Traditional wells			
	Tubewell / All wells						Tubewell / All wells					Tubewell / All wells			
	Protected springs / All springs						Protected springs / All springs					Protected springs / All springs			
	Protect. well & spring / well & spring						Protect. well & spring / well & spring					Protect. well & spring / well & spring			
	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:					Total population:			
Comments						Comments									

Jordan			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
Demographic and Health Survey	DHS90	1990	96.9		98.8		88.1		93.3	
Demographic and Health Survey	DHS97	1997	97.4		98.3		81.5		85.6	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		97.9		99.6		70.2		78.3
Demographic and Health Survey	DHS02	2002	95.8		98.8		83.6		94.4	
Population census	CEN04	2004	94.4		96.8		79.4		88.6	
Demographic and Health Survey	DHS07	2007	94.1		98.3		79.6		92.8	

Jordan - urban - Use of improved drinking water sources



Jordan - rural - Use of improved drinking water sources



Total improved access

Household connections (HC)

◆ Used for the estimates ■ Used for the estimates * Estimates * Estimates