

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

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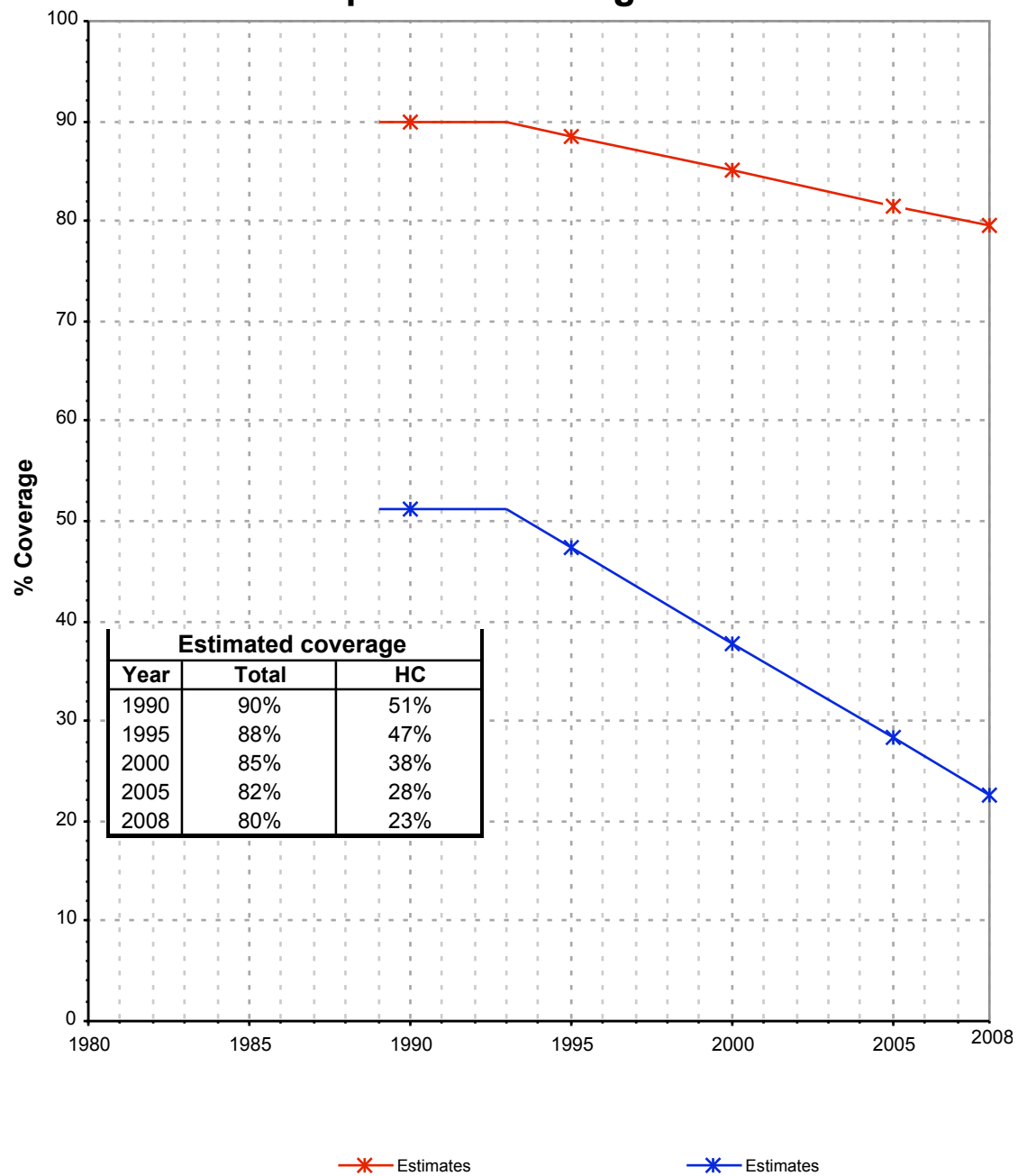
Access to drinking water sources	CEN95	Democratic Republic of the Congo		
Census		1995		
Original denomination	Classification	Urban	Rural	Total
	Tap water	84.7	2.9	
Robinet installe	House connections	68.6	0.1	
	Piped water into dwelling			
	Piped water to yard/plot			
Robinet public	Public tap, standpipe	16.1	2.8	
	Other			
	Ground water	15.1	64.7	
	Protected ground water	4.0	22.8	
	Unprotected ground water	11.1	41.9	
Puits ou Source amenegee	Protected wells or springs	4.0	21.3	
	Private			
	Public			
	Other			
Puits ou Source non Amenegee	Unprotected wells or springs	11.1	41.9	
	Private			
	Public			
	Other			
	All wells		1.5	
	Private			
	Public			
	Other			
Pompe aspirante	Tubewell, borehole		1.5	
	Private			
	Public			
	Other			
	Traditional wells			
	Private			
	Public			
	Other			
	Protected well			
	Private			
	Public			
	Other			
	Unprotected well			
	Private			
	Public			
	Other			
	All springs			
	Private			
	Public			
	Other			
	Protected spring			
	Private			
	Public			
	Other			
	Unprotected spring			
	Private			
	Public			
	Other			
	Rainwater			
	Covered cistern/tank			
	Uncovered cistern/tank			
	Bottled water			
	with other improved			
	without other improved			
Etang, Riviere, Ruiseau, Fleuve	Surface water	0.2	32.4	
	River			
	Lake			
	Dam			
	Pond			
	Stream			
	Irrigation channel			
	Other			
	Other improved sources			
	Other			
	Other			
	Other non-improved			
	Cart with small tank/drum			
	Tanker truck provided			
	Other			
	Other			
	DK/missing			
	Total	100.0	100.0	
Calculations				
Estimations				
Access to improved drinking water sources :		89%	26%	
Access to house connections :		69%	0%	
Used for the estimates :		No	No	
Used for the estimates :		No	No	
Ratios	HC / Tap water	81%	3%	
	Public tap / Tap water	19%	97%	
	Tubewell + protected well / All wells			
	Protected wells / Traditional wells			
	Tubewell / All wells			
	Protected springs / All springs			
	Protect. well & spring / well & spring	26%	34%	
Number of people covered by the census:		14752	27391	
Number of households covered by the census:				
Total population:				
Comments	uses data of MIC95			

Access to drinking water sources		MICS95	Democratic Republic of the Congo		
Multiple Indicator Cluster Survey			1995		
Original denomination	Classification	Urban	Rural	Total	
	Tap water	84.7	2.9	23.6	
Robinet installe	House connections	68.6	0.1	17.4	
	Piped water into dwelling				
	Piped water to yard/plot				
Robinet public	Public tap, standpipe	16.1	2.8	6.2	
	Other				
	Ground water	15.1	64.7	52.1	
	Protected ground water	4.0	22.8	18.0	
	Unprotected ground water	11.1	41.9	34.1	
Puits ou Source amenee	Protected wells or springs	4.0	21.3	16.9	
	Private				
	Public				
	Other				
Puits ou Source non Amenee	Unprotected wells or springs	11.1	41.9	34.1	
	Private				
	Public				
	Other				
	All wells	0.0	1.5	1.1	
	Private				
	Public				
	Other				
Pompe aspirante	Tubewell, borehole	0.0	1.5	1.1	
	Private				
	Public				
	Other				
	Traditional wells				
	Private				
	Public				
	Other				
	Protected well				
	Private				
	Public				
	Other				
	Unprotected well				
	Private				
	Public				
	Other				
	All springs				
	Private				
	Public				
	Other				
	Protected spring				
	Private				
	Public				
	Other				
	Unprotected spring				
	Private				
	Public				
	Other				
	Rainwater				
	Covered cistern/tank				
	Uncovered cistern/tank				
	Bottled water				
	with other improved				
	without other improved				
Etang, Riviere, Ruiseau, Fleuve	Surface water	0.2	32.4	24.3	
	River				
	Lake				
	Dam				
	Pond				
	Stream				
	Irrigation channel				
	Other				
	Other improved sources				
	Other				
	Other				
	Other non-improved				
	Cart with small tank/drum				
	Tanker truck provided				
	Other				
	Other				
	DK/missing				
	Total	100.0	100.0	100.0	
Calculations					
	Protected wells, based on MICS01	1.6	2.4		
	Protected springs based on MICS01	2.4	18.9		
Estimations					
	HCC adjusted for robinet dans la parcelle voisine based on MICS01	46.6	0.0		
Access to improved drinking water sources :		89%	26%	42%	
Access to house connections :		47%	0%		
Used for the estimates :		Yes	Yes		
Used for the estimates :		Yes	Yes		
Ratios	HC / Tap water	81%	3%		
	Public tap / Tap water	19%	97%		
	Tubewell + protected well / All wells				
	Protected wells / Traditional wells				
	Tubewell / All wells	#DIV/0!	100%		
	Protected springs / All springs				
	Protect. well & spring / well & spring	26%	34%		
Number of people covered by the survey:					
Number of households covered by the survey:					
Total population:					
Comments					

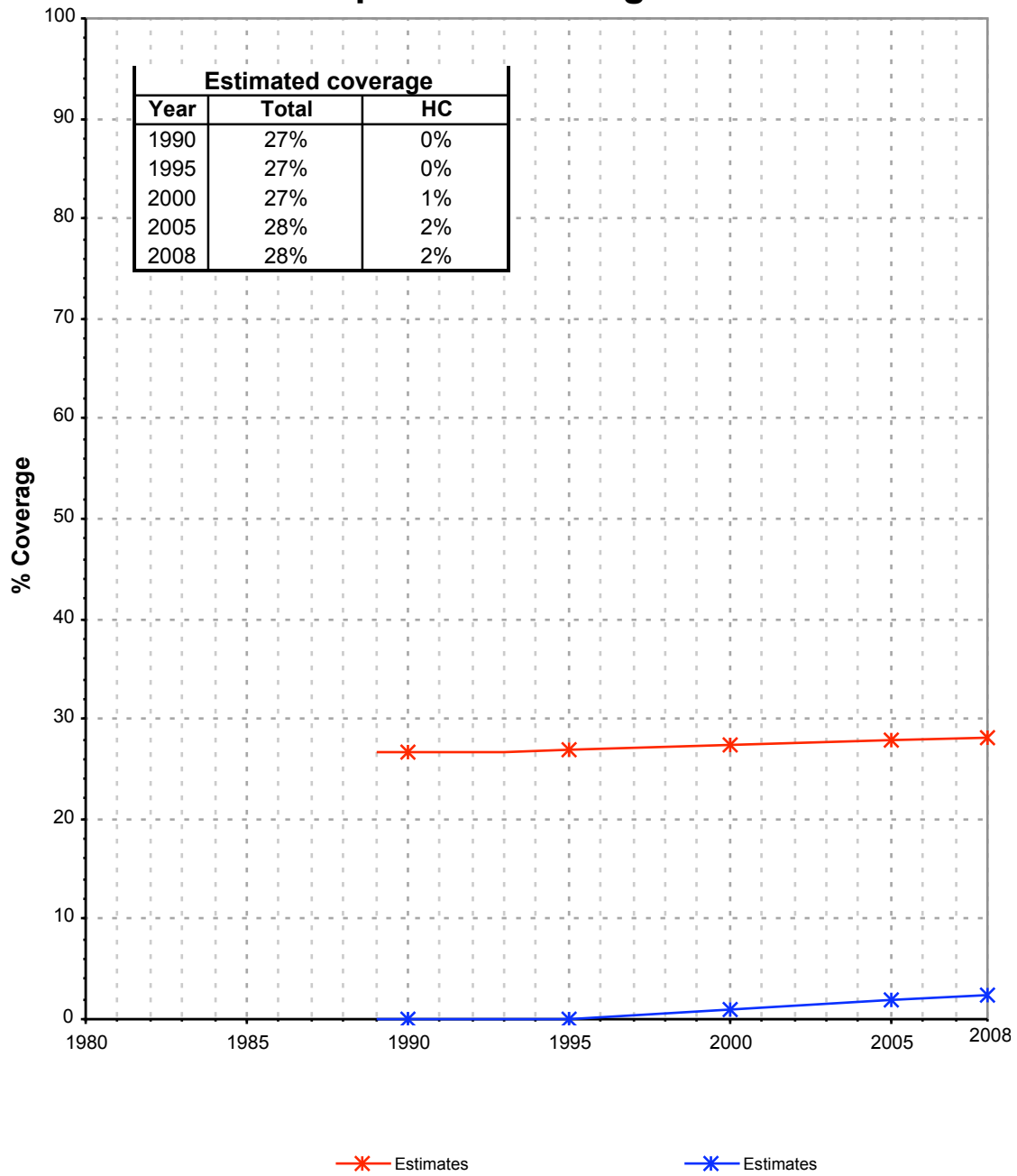
Access to drinking water sources		DHS07			Democratic Republic of the Congo			Access to drinking water sources		ENM05			Congo, Dem. Rep.		
Demographic and Health Survey								Enquête Nationale auprès des Ménages							
					2007			Ministère du Plan Institut National de la Statistique					2005		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
	Tap water	60.7	3.1	27.8		Tap water	85.3	12.4			Tap water	85.3	12.4		
	House connections	23.7	0.6	10.5		House connections	43.5	4.1			House connections	43.5	4.1		
Piped water into dwelling	Piped water into dwelling	6.9	0.3	3.1	Eau courante SNDE à la maison	Piped water into dwelling				Piped water into dwelling					
Piped water to yard/plot	Piped water to yard/plot	16.8	0.3	7.4		Piped water to yard/plot				Piped water to yard/plot					
Public tap, standpipe	Public tap, standpipe	37.0	2.5	17.3	Fontaine/Robinet public	Public tap, standpipe	0.6	3.9		Public tap, standpipe		0.6	3.9		
	Other				Eau courante SNDE ailleurs	Other	41.2	4.4		Other		41.2	4.4		
	Ground water	36.4	77.3	59.7		Ground water	11.5	33.9			Ground water	11.5	33.9		
	Protected ground water	19.8	20.8	20.3		Protected ground water	10.8	19.5			Protected ground water	10.8	19.5		
	Unprotected ground water	16.6	56.5	39.4		Unprotected ground water	0.7	14.4			Unprotected ground water	0.7	14.4		
	Protected wells or springs	19.8	20.8	20.3		Protected wells or springs	10.8	19.5			Protected wells or springs	10.8	19.5		
	Private	0.4	0.0	0.2		Private					Private				
	Public	3.9	1.3	2.4		Public					Public				
	Other					Other					Other				
	Unprotected wells or springs	16.6	56.5	39.4		Unprotected wells or springs	0.7	14.4			Unprotected wells or springs	0.7	14.4		
	Private	1.5	0.0	0.7		Private					Private				
	Public	5.2	3.3	4.1		Public					Public				
	Other					Other					Other				
	All wells	12.4	5.5	8.5		All wells	11.5	33.9			All wells	11.5	33.9		
	Private	1.9	0.0	0.9		Private					Private				
	Public	9.1	4.6	6.5		Public					Public				
	Other					Other					Other				
Tubewell	Tubewell, borehole	1.4	0.9	1.1	Pompe villageoise/Forage à pompe manuelle	Tubewell, borehole	2.5	5.7			Tubewell, borehole	2.5	5.7		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Traditional wells	11.0	4.6	7.4		Traditional wells	9.0	28.2			Traditional wells	9.0	28.2		
	Private	1.9	0.0	0.9		Private					Private				
	Public	9.1	4.6	6.5		Public					Public				
	Other					Other					Other				
	Protected well	4.3	1.3	2.6	Puits protégé	Protected well	8.3	13.8			Protected well	8.3	13.8		
Protected well in dwelling, plot or yard	Private	0.4	0.0	0.2		Private					Private				
Protected public well	Public	3.9	1.3	2.4		Public					Public				
	Other					Other					Other				
	Unprotected well	6.7	3.3	4.8	Puits non protégé	Unprotected well	0.7	14.4			Unprotected well	0.7	14.4		
Open well in dwelling, plot or yard	Private	1.5	0.0	0.7		Private					Private				
Open public well	Public	5.2	3.3	4.1		Public					Public				
	Other					Other					Other				
	All springs	24.0	71.8	51.2		All springs					All springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected spring	Protected spring	14.1	18.6	16.6		Protected spring					Protected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected spring	Unprotected spring	9.9	53.2	34.6		Unprotected spring					Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Rainwater	Rainwater	0.0	0.0	0.0		Rainwater	0.1	8.5			Rainwater	0.1	8.5		
	Covered cistern/tank				Bache à eau/citerne	Covered cistern/tank	0.1	0.2			Covered cistern/tank	0.1	0.2		
Bottled water	Bottled water	0.0	0.0	0.0	Pluie	Bottled water	0.0	8.3			Bottled water	0.0	8.3		
	with other improved					with other improved					with other improved				
	without other improved					without other improved					without other improved				
River/stream	Surface water	2.7	19.5	12.3	Rivière/marigot/source	Surface water	3.0	43.1			Surface water	3.0	43.1		
Sea/Lake	River	2.2	18.4	11.5		River					River				
Dam	Lake	0.5	1.1	0.8		Lake					Lake				
	Dam	0.0	0.0	0.0		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	0.2	0.1	0.1		Other non-improved	0.1	2.2			Other non-improved	0.1	2.2		
	Cart with small tank/drum					Cart with small tank/drum					Cart with small tank/drum				
Tanker truck	Tanker truck provided	0.2	0.0	0.1		Tanker truck provided					Tanker truck provided				
Other	Other	0.0	0.1	0.0	Autre(à préciser)	Other	0.1	2.2			Other	0.1	2.2		
	Other					Other					Other				
	DK/missing					DK/missing					DK/missing				
	Total	100.0	100.0	99.9		Total	100.0	100.1			Total	100.0	100.1		
Calculations					Calculations					Calculations					
Estimations					Estimations					Estimations					
Access to improved drinking water sources :		81%	24%	48%	Access to improved drinking water sources :		96%	32%		Access to improved drinking water sources :		96%	32%		
Access to house connections :		24%	1%	11%	Access to house connections :		44%	4%		Access to house connections :		44%	4%		
Used for the estimates:		Yes	Yes		Used for the estimates:		No	Yes		Used for the estimates:		No	Yes		
Used for the estimates:		Yes	Yes		Used for the estimates:		No	Yes		Used for the estimates:		No	Yes		
Ratios	HC / Tap water	39%	19%		Ratios	HC / Tap water	51%	33%							
	Public tap / Tap water	61%	81%			Public tap / Tap water	1%	31%							
	Tubewell + protected well / All wells	46%	40%			Tubewell + protected well / All wells	94%	58%							
	Protected wells / Traditional wells	39%	28%			Protected wells / Traditional wells	92%	49%							
	Tubewell / All wells	11%	16%			Tubewell / All wells	22%	17%							
	Protected springs / All springs	59%	26%			Protected springs / All springs									
	Protect. well & spring / well & spring	54%	27%			Protect. well & spring / well & spring	94%	58%							
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					Comments					

Democratic Republic of the Congo			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
Census	CEN95	1995		68.6		88.7		0.1		25.7
Multiple Indicator Cluster Survey	MICS95	1995	46.6		88.7		0.0		25.7	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire, 1999. Form 6 sent to Multiple Indicator Cluster Survey	JMP99	1999		52.9		74.1		0.0		23.8
Multiple Indicator Cluster Survey	MICS01	2001	37.6		83.8		0.5		28.5	
Demographic and Health Survey	DHS07	2007	23.7		80.5		0.6		23.9	
Enquête Nationale auprès des Ménages	ENM05	2005		43.5		96.2	4.1		32.1	

Dem Rep of the Congo - urban - Use of improved drinking water sources



Dem Rep of the Congo - rural - Use of improved drinking water sources



Drinking Water

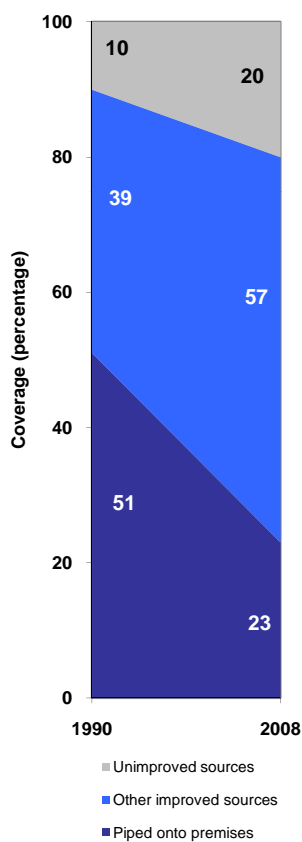
Democratic Republic of the Congo	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	51	23	0	2	14	9
Other improved source	39	57	27	26	31	37
Unimproved source	10	20	73	72	55	54

Source: WHO/UNICEF JMP, 2010

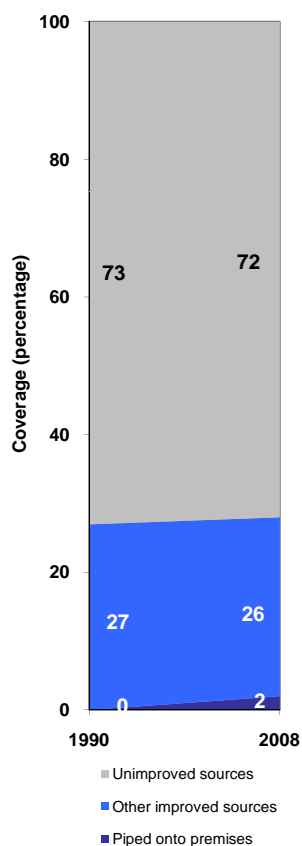
Democratic Republic of the Congo	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	10299	21793	26717	42464	37016	64257

Source: UN / Population Division, 2008

Urban drinking water trends



Rural drinking water trends



Total drinking water trends

