



WHO / UNICEF

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

Estimates for the use of

**Improved
Drinking-Water Sources**

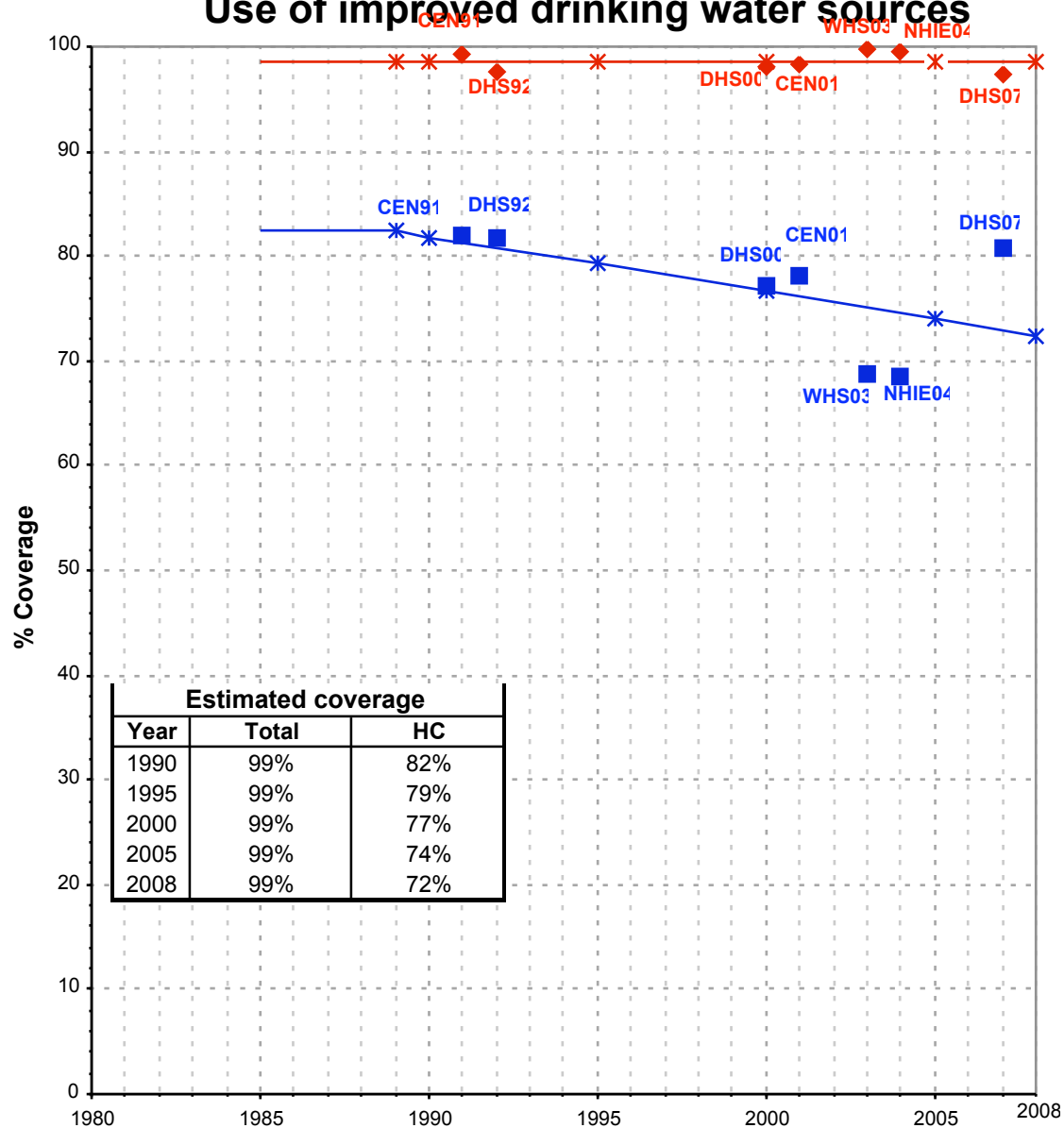
Updated March 2010

Namibia

Access to drinking water sources		NHIE04			Namibia			Access to drinking water sources		DHS07			Namibia		
Household Income and Expenditure Survey					2004			Demographic and Health Survey					2007		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Piped water	Tap water	99.3	58.4			Tap water	96.5	55.9	72.6						
	House connections					House connections	80.7	23.1	46.8						
	Piped water into dwelling				Piped into dwelling/yard/plot	Piped water into dwelling	80.7	23.1	46.8						
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe				Standpipe	Public tap, standpipe	15.8	32.8	25.8						
	Other					Other									
	Ground water	0.2	20.3			Ground water	0.2	27.9	16.6						
	Protected ground water	0.2	20.3			Protected ground water	0.1	21.4	9.9						
	Unprotected ground water					Unprotected ground water	0.1	6.5	3.9						
	Protected wells or springs	0.2	20.3			Protected wells or springs	0.1	21.4	12.7						
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs	0.1	6.5	3.9						
	Private					Private									
	Public					Public									
	Other					Other									
	All wells	0.2	20.3			All wells	0.1	26.7	15.8						
	Private					Private									
	Public					Public									
	Other					Other									
Borehole/protected wells	Tubewell, borehole	0.2	20.3		Tubewell/borehole	Tubewell, borehole	0.0	16.2	9.6						
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells	0.1	10.5	6.2						
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well				Protected dug well	Protected well	0.0	4.8	2.8						
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well				Unprotected dug well	Unprotected well	0.1	5.7	3.4						
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs	0.1	1.2	0.8						
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring				Protected spring	Protected spring	0.1	0.4	0.3						
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring				Unprotected spring	Unprotected spring	0.0	0.8	0.5						
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater	0.0	2.0	1.2						
	Covered cistern/tank				Rainwater	Covered cistern/tank	0.0	2.0	1.2						
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water	0.8	0.0	0.3						
	with other improved					with other improved	0.7	0.0	0.3						
	without other improved					without other improved	0.1	0.0	0.0						
	Surface water	0.2	20.7			Surface water	0.2	12.2	7.3						
Flowing water	River	0.2	8.0			River									
	Lake					Lake									
	Dam					Dam									
Stagnant water	Pond	0.0	12.7			Pond									
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other				Surface water	Other	0.2	12.2	7.3						
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved	0.1	0.5			Other non-improved	2.3	2.0	2.2						
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
Other source	Other	0.1	0.5		Tanker truck/cart with small tank	Other	0.1	1.0	0.7						
	Other					Other	2.2	1.0	1.5						
	DK/missing					DK/missing									
	Total	99.8	99.9			Total	100.0	100.0	100.2						
Calculations					Calculations										
	Standpipe, based on WHS03	30.8	39.7												
Estimations					Estimations										
	HC based on WHS03	68.5	18.7												
Access to improved drinking water sources :		100%	79%		Access to improved drinking water sources :		97%	79%	84%						
Access to house connections :		69%	19%		Access to house connections :		81%	23%	47%						
	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	HC / Tap water				Ratios	HC / Tap water	84%	41%							
	Public tap / Tap water					Public tap / Tap water	16%	59%							
	Tubewell + protected well / All wells					Tubewell + protected well / All wells	0%	79%							
	Protected wells / Traditional wells					Protected wells / Traditional wells	0%	46%							
	Tubewell / All wells	100%	100%			Tubewell / All wells	0%	61%							
	Protected springs / All springs					Protected springs / All springs	100%	33%							
	Protect. well & spring / well & spring					Protect. well & spring / well & spring	50%	77%							
	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										

Namibia			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
National Census	CEN91	1991	82.0		99.3		12.8		53.2	
Demographic and Health Survey	DHS92	1992	81.8		97.7		13.0		52.8	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		82.0		100.0		32.7		67.3
Demographic and Health Survey	DHS00	2000	77.1		98.0		19.8		67.9	
Census	CEN01	2001	78.2		98.4		36.1		80.0	
World Health Survey	WHS03	2003	68.8		99.8		24.0		86.6	
Household Income and Expenditure Survey	NHIE04	2004	68.5		99.5		18.7		78.7	
Demographic and Health Survey	DHS07	2007	80.7		97.3		23.1		79.3	

Namibia - urban - Use of improved drinking water sources



Total improved access

Household connections (HC)

◆ Used for the estimates

■ Used for the estimates

✱ Estimates

✱ Estimates

Namibia - rural - Use of improved drinking water sources

