



WHO / UNICEF

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

Estimates for the use of

**Improved
Drinking-Water Sources**

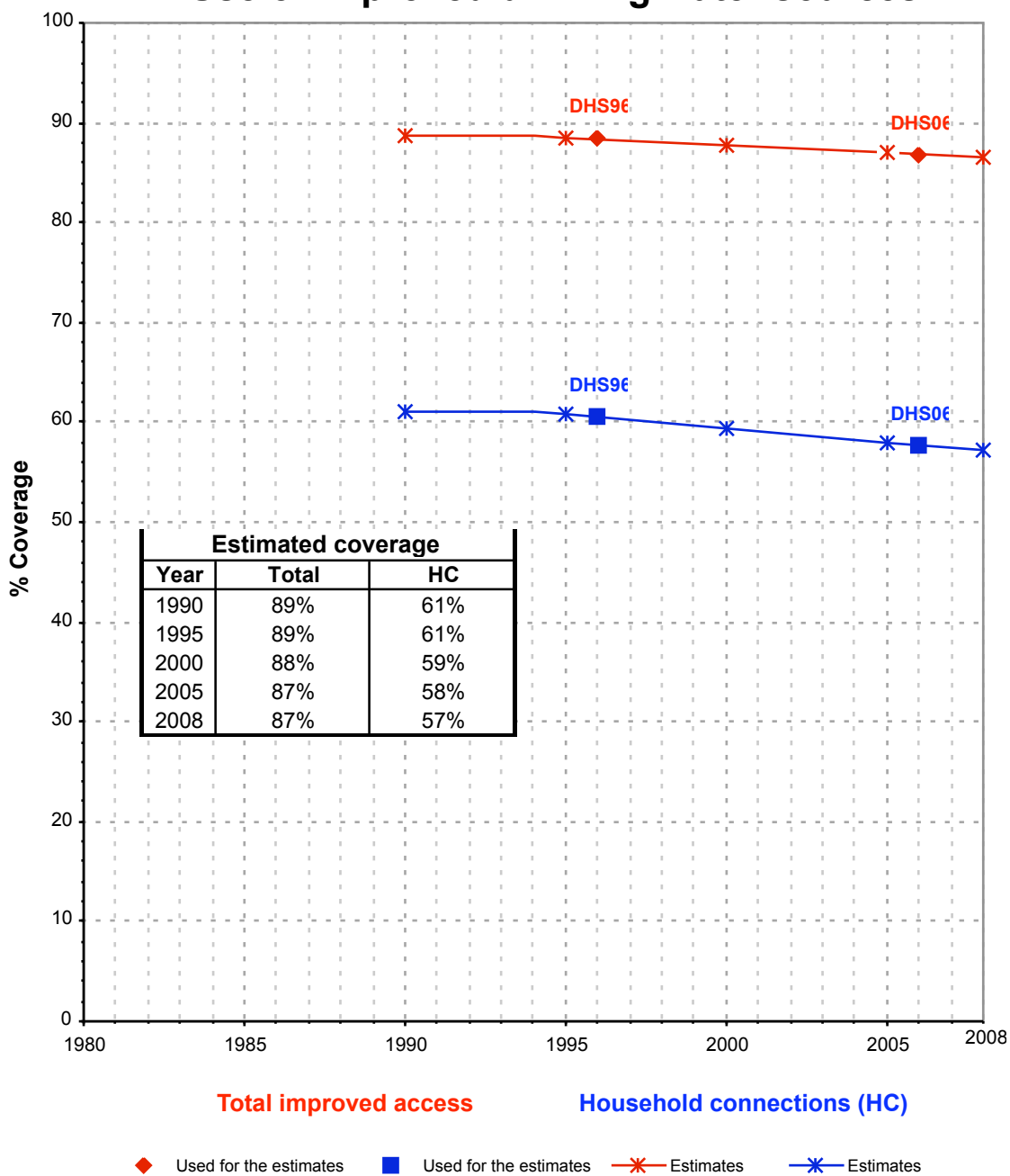
Updated March 2010

Papua New Guinea

Access to drinking water sources		DHS96			Papua New Guinea			Access to drinking water sources		DHS06			Papua New Guinea		
Demographic and Health Survey					1996			Demographic and Health Survey					2006		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
	Tap water	71.7	8.5	18.8		Tap water	70.0	9.9	16.4						
	House connections	60.5	3.6	12.9	Piped into household/yard	House connections	57.7	3.2	9.1						
Piped to household	Piped water into dwelling	60.5	3.6	12.9		Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
Piped to Neighbourhood	Public tap, standpipe	11.2	4.9	5.9	Piped into neighbourhood	Public tap, standpipe	12.3	6.7	7.3						
	Other					Other									
	Ground water	3.9	33.5	28.6		Ground water	10.3	31.4	29.2						
	Protected ground water					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	1.9	8.7	7.5		All wells	6.0	7.4	7.3						
Well in yard	Private	0.6	1.6	1.4	Water well in yard	Private	2.1	1.9	1.9						
Public Well	Public	1.3	7.1	6.1	Public well	Public	3.9	5.5	5.4						
	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									
Spring	All springs	2.0	24.8	21.1	Spring	All springs	4.3	24.0	21.9						
	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	14.7	6.8	8.1		Rainwater									
Rain water	Covered cistern/tank	14.7	6.8	8.1	Rainwater	Covered cistern/tank	11.7	7.0	7.6						
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water	6.4	49.8	42.7	Pond/lake/dam	Surface water	3.1	46.2	41.6						
River/Stream	River	2.8	37.9	32.2	River/stream	River	2.8	42.6	38.3						
	Lake					Lake									
	Dam					Dam									
Pond/Lake/Dam	Pond	0.6	6.5	5.5	Pond/lake/dam	Pond	0.3	3.6	3.3						
	Stream					Stream									
	Irrigation channel					Irrigation channel									
Communal tank	Other	3.0	5.4	5.0		Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved	3.4	1.5	1.7		Other non-improved	4.3	5.0	5.0						
	Cart with small tank/drum					Cart with small tank/drum									
Tanker truck	Tanker truck provided	1.8	0.1	0.3	Tank truck	Tanker truck provided	0.1	0.2	0.2						
Other	Other	1.6	1.4	1.4	Communal tank	Other	2.6	3.9	3.8						
	Other					Other	1.6	0.9	1.0						
	DK/missing				Not reported	DK/missing	0.5	0.2	0.3						
	Total	100.1	100.1	99.9		Total	88.2	92.7	92.5						
Calculations					Calculations										
Estimations					Estimations										
	50% of wells considered improved	1.0	4.4			50% of wells considered improved	3.0	3.7							
	50% of springs considered improved	1.0	12.4			50% of springs considered improved	2.2	12.0							
Access to improved drinking water sources : 88% 32%					Access to improved drinking water sources : 87% 33% 24%										
Access to house connections : 61% 4%					Access to house connections : 58% 3% 9%										
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	84%	42%		Ratios	HC / Tap water	82%	32%							
	Public tap / Tap water	16%	58%			Public tap / Tap water	18%	68%							
	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:					Total population:									
Comments					Comments										

Papua New Guinea			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	DHS96	1996	60.5		88.4		3.6		32.1	
Demographic and Health Survey	DHS06	2006	57.7		86.9		3.2		32.6	

Papua New Guinea - urban - Use of improved drinking water sources



Papua New Guinea - rural - Use of improved drinking water sources

