

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

**Improved Drinking-Water Sources
and Improved Sanitation Facilities**

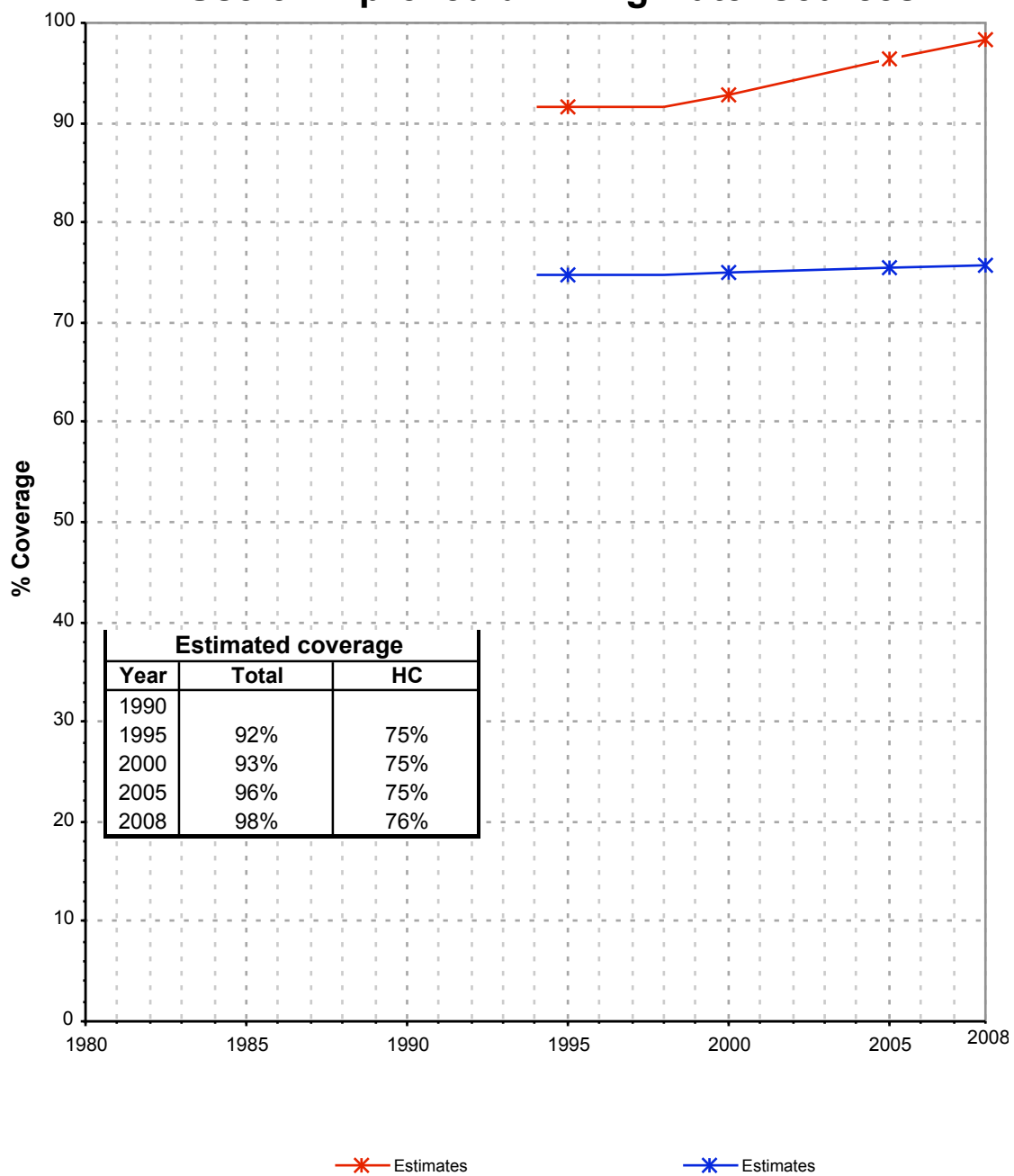
Updated March 2010

childinfo.org

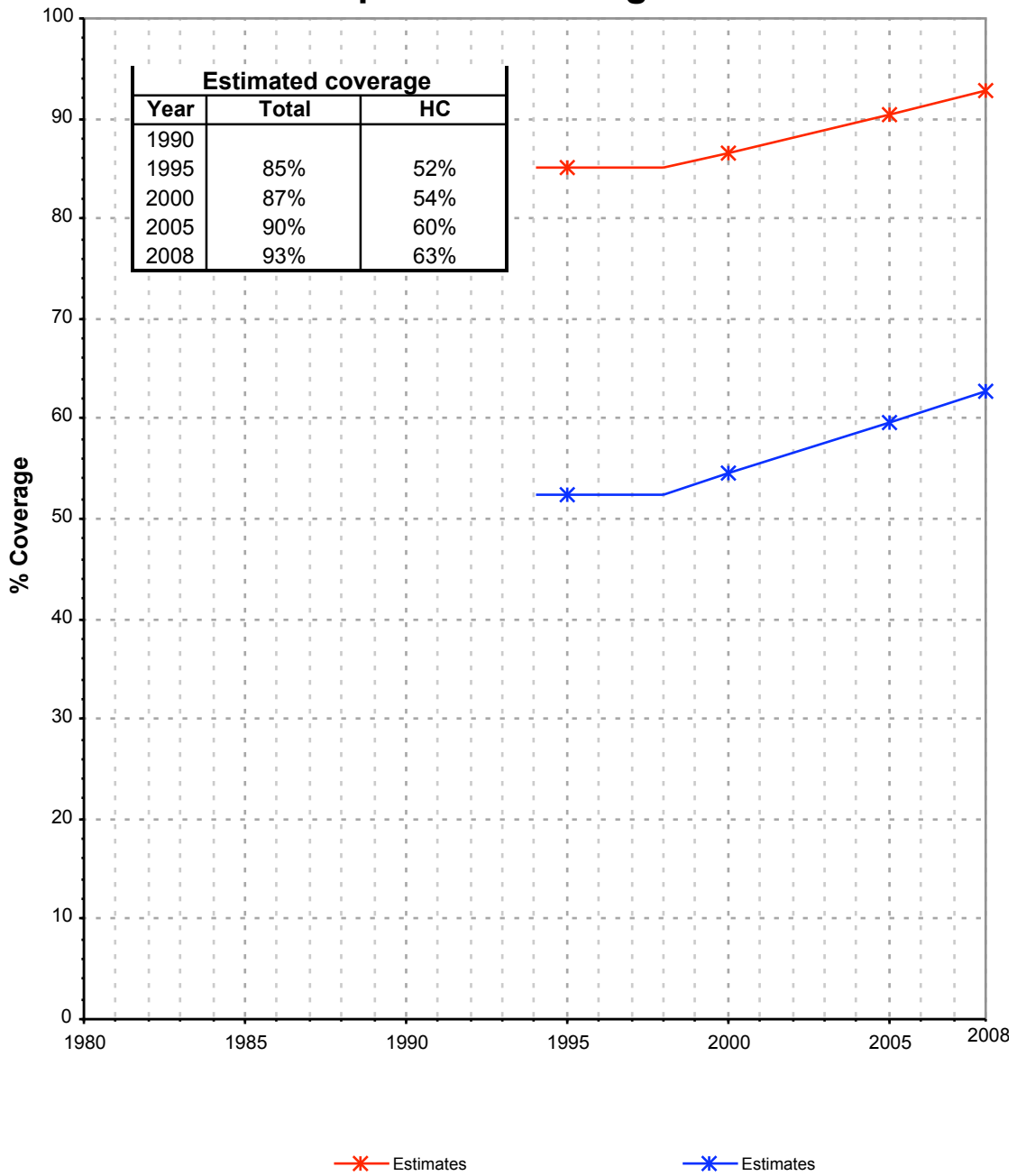
Access to drinking water sources		MICS06			Guyana			Access to drinking water sources		CEN02			Guyana		
Multiple Indicator Cluster Survey					2006			Population and Housing Census - 2002					2002		
					Bureau of Statistics										
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
	Tap water	55.9	46.3			Tap water	61.9	64.1			Tap water	56.1	59.5		
	House connections	54.0	44.9			House connections	56.1	59.5			House connections	29.9	25.6		
Piped into dwelling	Piped water into dwelling	25.0	15.8		Piped into Dwelling	Piped water into dwelling	29.9	25.6		Piped into yard	Piped water to yard/plot	26.2	33.9		
Piped into yard or plot	Piped water to yard/plot	29.0	29.1		Piped into yard	Piped water to yard/plot	26.2	33.9		Public tap, standpipe	Public tap, standpipe	5.7	4.5		
Public tap/standpipe	Public tap, standpipe	1.9	1.4		Public standpipe	Other				Other					
	Other														
	Ground water	1.2	6.7			Ground water	2.9	4.2			Ground water	1.9	2.2		
	Protected ground water	0.8	3.6			Protected ground water	1.9	2.2			Protected ground water	1.0	2.0		
	Unprotected ground water	0.4	3.1			Unprotected ground water	1.0	2.0			Unprotected ground water	1.9	2.2	0.0	
	Protected wells or springs	0.8	3.6	0.0		Protected wells or springs	1.9	2.2	0.0		Protected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected wells or springs	0.4	3.1	0.0		Unprotected wells or springs	1.0	2.0	0.0		Unprotected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	All wells	0.3	5.5			All wells	1.0	2.8			All wells				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Tubewell/borehole with hand pump	Tubewell, borehole	0.0	0.8		Tube well	Tubewell, borehole	0.5	1.0			Tubewell, borehole				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Traditional wells	0.3	4.9			Traditional wells	0.5	1.8			Traditional wells				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected well	Protected well	0.3	2.6		Protected dug well	Protected well	0.4	0.8			Protected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected well	Unprotected well	0.0	2.3		Unprotected dug well	Unprotected well	0.1	1.0			Unprotected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	All springs	0.9	1.2			All springs	1.9	1.4			All springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected spring	Protected spring	0.5	0.4		Protected spring	Protected spring	1.0	0.4			Protected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected spring	Unprotected spring	0.4	0.8		Unprotected spring	Unprotected spring	0.9	1.0			Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Rainwater	12.8	25.6			Rainwater	10.9	14.4			Rainwater				
Rainwater collection	Covered cistern/tank	12.8	25.6		Rainwater	Covered cistern/tank	10.9	14.4			Covered cistern/tank				
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank				
	Bottled water	28.9	13.7			Bottled water	14.7	8.1			Bottled water				
Bottled water with improved source	with other improved	27.6	13.5		Bottled water	with other improved	14.7	8.1			with other improved				
Bottled water with non improved source	without other improved	1.3	0.2			without other improved					without other improved				
Surface water (river/stream/creek/lake/pond)	Surface water	0.2	6.1		Pond, river, stream	Surface water	0.7	3.9			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	1.1	1.5			Other non-improved	8.9	5.3			Other non-improved				
Cart with small tank/drum	Cart with small tank/drum	0.1	0.2			Cart with small tank/drum					Cart with small tank/drum				
Tanker-truck	Tanker truck provided	0.6	0.1		Vendor/Private supplier	Tanker truck provided	7.0	3.1			Tanker truck provided				
Other	Other	0.4	1.1		Other	Other	1.9	2.2			Other				
Missing	Other	0.0	0.1			Other					Other				
	DK/missing				DK	DK/missing					DK/missing				
	Total	100.1	99.9			Total	100.0	100.0			Total				
Calculations					Calculations										
Estimations					Estimations										
	Bottled water with HC	27.6	13.5			Bottled water with unimproved source, based on MICS06	-0.7	-0.1			Bottled water with HC	14.0	8.0		
Access to improved drinking water sources : 97% 89%					Access to improved drinking water sources : 89% 89%										
Access to house connections : 82% 58%					Access to house connections : 70% 68%										
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	97%	97%		Ratios	HC / Tap water	91%	93%			HC / Tap water	91%	93%		
	Public tap / Tap water	3%	3%			Public tap / Tap water	9%	7%			Public tap / Tap water	9%	7%		
	Tubewell + protected well / All wells	100%	56%			Tubewell + protected well / All wells	92%	65%			Tubewell + protected well / All wells	85%	45%		
	Protected wells / Traditional wells	100%	53%			Protected wells / Traditional wells	85%	45%			Protected wells / Traditional wells	49%	37%		
	Tubewell / All wells	0%	11%			Tubewell / All wells	49%	37%			Protected springs / All springs	52%	29%		
	Protected springs / All springs	56%	33%			Protected springs / All springs	52%	29%			Protect. well & spring / well & spring	66%	53%		
	Protect. well & spring / well & spring	67%	54%			Protect. well & spring / well & spring	66%	53%							
	Bottled water with unimproved	4%	1%												
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	Urban and rural based on town and villages disaggregation									

Guyana			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	MICS00	2000	79.2		96.2		47.5		85.9	
Aid Indicator Survey	AIS05	2005	70.1		98.3		58.0		93.0	
Multiple Indicator Cluster Survey	MICS06	2006	81.6		97.1		58.4		89.0	
Population and Housing Census - 2002	CEN02	2002	70.2		88.8		67.5		88.7	

Guyana - urban - Use of improved drinking water sources



Guyana - rural - Use of improved drinking water sources



Drinking Water

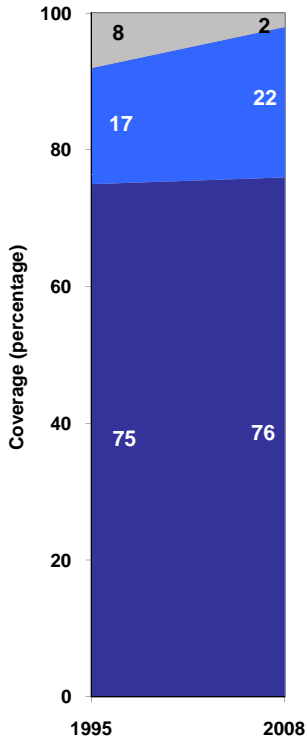
Guyana	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1995	2008	1995	2008	1995	2008
Piped into premises	75	76	52	63	59	67
Other improved source	17	22	33	30	28	27
Unimproved source	8	2	15	7	13	6

Source: WHO/UNICEF JMP, 2010

Guyana	Urban		Rural		Total	
	1995	2008	1995	2008	1995	2008
Population (x1000)	221	216	538	547	759	763

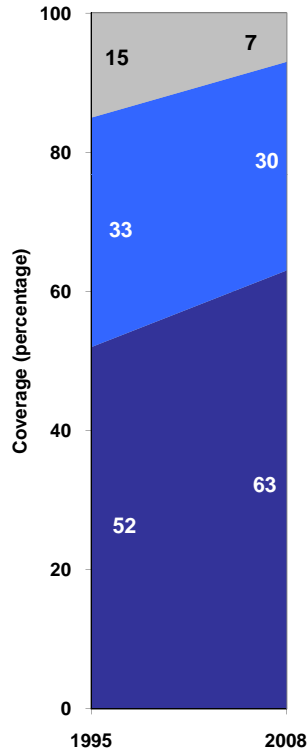
Source: UN / Population Division, 2008

Urban drinking water trends



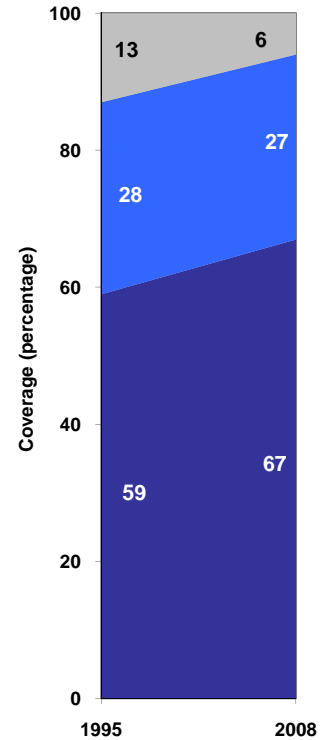
- Unimproved sources
- Other improved sources
- Piped onto premises

Rural drinking water trends



- Unimproved sources
- Other improved sources
- Piped onto premises

Total drinking water trends



- Unimproved sources
- Other improved sources
- Piped onto premises