



WHO / UNICEF

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

Estimates for the use of

**Improved
Drinking-Water Sources**

Updated March 2010

Sri Lanka

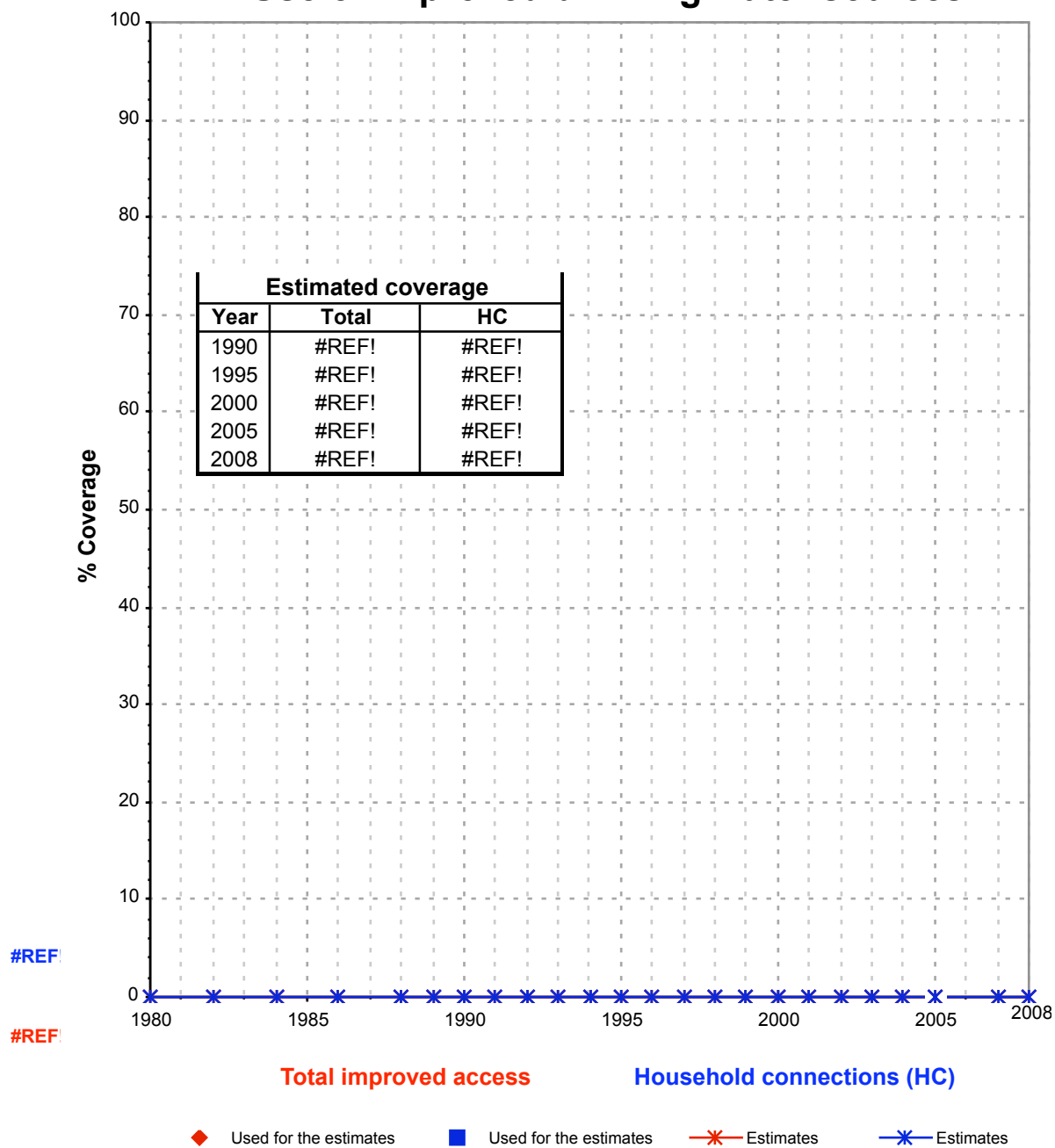
Access to drinking water sources		JMP99			Sri Lanka			Access to drinking water sources		DHS00			Sri Lanka						
Global Water Supply and Sanitation Assessment 2000.					Demographic and Health Survey														
Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.					1999					Preliminary Report					2000				
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total				
Population served with household connection		Tap water			66.8	12.6		Tap within unit/premises		Tap water			76.1	11.4					
		House connections			66.8	12.6		Public taps		House connections			35.5	3.6					
		Piped water into dwelling								Piped water into dwelling									
		Piped water to yard/plot								Piped water to yard/plot									
		Public tap, standpipe								Public tap, standpipe			40.6	7.8					
		Other								Other									
Population without household connection		Ground water			23.8	67.8				Ground water			22.4	71.8					
		Protected ground water			23.8	67.8				Protected ground water			21.7	68.8					
		Unprotected ground water								Unprotected ground water			0.7	13.0					
		Protected wells or springs								Protected wells or springs			21.7	68.8	0.0				
		Private								Private			13.9	30.9					
		Public								Public			4.5	22.7					
		Other								Other									
		Unprotected wells or springs								Unprotected wells or springs			0.7	13.0	0.0				
		Private								Private									
		Public								Public									
		Other								Other									
		All wells								All wells			22.4	71.8	0.0				
		Private								Private			13.9	30.9					
		Public								Public			4.5	22.7					
		Other								Other									
		Tubewell, borehole						Tube Well		Tubewell, borehole			3.3	5.2					
		Private								Private									
		Public								Public									
		Other								Other									
		Traditional wells								Traditional wells			19.1	66.7	0.0				
		Private								Private			13.9	30.9					
		Public								Public			4.5	22.7					
		Other								Other									
		Protected well						Protected Well within premises		Protected well			18.4	63.6	0.0				
		Private						Protected well outside premises		Private			13.9	30.9					
		Public								Public			4.5	22.7					
		Other								Other									
		Unprotected well						Unprotected Well		Unprotected well			0.7	13.0					
		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									
		Covered cistern/tank								Covered cistern/tank									
		Uncovered cistern/tank								Uncovered cistern/tank									
		Bottled water								Bottled water									
		with other improved								with other improved									
		without other improved								without other improved									
		Surface water						Rive, tank, stream etc		Surface water			0.3	12.8					
		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			9.3	19.6				Other non-improved			1.2	3.9					
		Cart with small tank/drum						Bowser (tanker truck)		Cart with small tank/drum									
		Tanker truck provided								Tanker truck provided			0.2	0.2					
		Other						Other		Other			1.1	3.7					
		Other								Other									
		DK/missing								DK/missing									
Total					100.0	100.0							100.0	100.0					
Calculations								Calculations											
Estimations								Estimations											
Access to improved drinking water sources :					91%	80%		Access to improved drinking water sources :					98%	70%					
Access to house connections :					67%	13%		Access to house connections :					35%	4%					
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			47%	32%					
		Public tap / Tap water								Public tap / Tap water			53%	68%					
		Tubewell + protected well / All wells								Tubewell + protected well / All wells			97%	82%					
		Protected wells / Traditional wells								Protected wells / Traditional wells			97%	80%					
		Tubewell / All wells								Tubewell / All wells			15%	7%					
		Protected springs / All springs								Protected springs / All springs									
		Protect. well & spring / well & spring								Protect. well & spring / well & spring			97%	82%					
		Number of people covered by the survey:			5862	13048				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		Note: the sample is not representative for a few areas in the Northern and Eastern Province, which are not conducive for a survey									

Access to drinking water sources		CEN01			Sri Lanka			Access to drinking water sources		SMDG07			Sri Lanka		
Census of population and Housing 2001					Special Survey on Millennium Development Goals – 2006/07					Data from NSO					
Data from NSO					2001			Data from NSO					2007		
Original denomination	Classification				Urban	Rural	Total	Original denomination	Classification				Urban	Rural	Total
	Tap water								Tap water						
	House connections								House connections						
	Piped water into dwelling								Piped water into dwelling						
	Piped water to yard/plot								Piped water to yard/plot						
	Public tap, standpipe								Public tap, standpipe						
	Other								Other						
	Ground water								Ground water						
	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								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						
	Covered cistern/tank								Covered cistern/tank						
	Uncovered cistern/tank								Uncovered cistern/tank						
	Bottled water								Bottled water						
	with other improved								with other improved						
	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						
	Other non-improved								Other non-improved						
	Cart with small tank/drum								Cart with small tank/drum						
	Tanker truck provided								Tanker truck provided						
	Other								Other						
	Other								Other						
	DK/missing								DK/missing						
	Total								Total						
Calculations								Calculations							
Estimations								Estimations							
Access to improved drinking water sources :					96%	81%		Access to improved drinking water sources :					95%	85%	
Access to house connections :								Access to house connections :							
Used for the estimates :					Yes	Yes		Used for the estimates :					Yes	Yes	
Used for the estimates :					No	No		Used for the estimates :					No	No	
Ratios	HC / Tap water							Ratios	HC / Tap water						
	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:								Total population:							
Comments	Data excludes Northern province and Batticaloa and Trincomalee districts in Eastern province							Comments	excludes Northern province and Trincomalee district in Eastern province Definition : The percentage of households that use any of the following types of water supply for drinking, with accessibility within 1Km distance from household :- piped water(mainline), tube well, protected well, protecte spring or protected rain water						

Access to drinking water sources		HIES07			Sri Lanka			Access to drinking water sources		DHS07			Sri Lanka		
Household Income and Expenditure Survey					2007			Demographic and Health Survey					2007		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Tap within unit or premises (main line)	Tap water	79.6	26.3		Piped water into dwelling/yard/plot	Tap water	80.4	25.5							
	House connections	71.0	17.7			House connections	61.9	20.5							
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
Tap outside premises (main line)	Public tap, standpipe	8.2	3.8		Public Tap/stand pipe	Public tap, standpipe	17.7	4.1							
Stream water collected and distributed by pipeline	Other	0.4	4.8		Neighbour's tap	Other	0.8	0.9							
	Ground water	19.3	70.8			Ground water	17.2	72.2							
	Protected ground water	18.5	63.5			Protected ground water	16.8	62.4							
	Unprotected ground water	0.8	7.3			Unprotected ground water	0.4	9.8							
	Protected wells or springs	18.5	63.5			Protected wells or springs	16.8	62.4	0.0						
	Private	12.1	39.2			Private									
	Public	2.5	19.8			Public									
	Other					Other									
	Unprotected wells or springs	0.8	7.3			Unprotected wells or springs	0.4	9.8	0.0						
	Private					Private									
	Public					Public									
	Other					Other									
	All wells	19.3	70.8			All wells	16.9	66.0							
	Private	12.1	39.2			Private									
	Public	2.5	19.8			Public									
	Other					Other									
Tube well	Tubewell, borehole	3.9	4.5		Tube well or borehole	Tubewell, borehole	4.2	4.8							
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells	15.4	66.3			Traditional wells	12.7	61.2							
	Private	12.1	39.2			Private									
	Public	2.5	19.8			Public									
	Other					Other									
	Protected well	14.6	59.0		Protected dug well	Protected well	12.3	53.2							
Protected well outside premises	Private	12.1	39.2			Private									
Protected well within premises	Public	2.5	19.8			Public									
	Other					Other									
Unprotected well	Unprotected well	0.8	7.3		Unprotected dug well	Unprotected well	0.4	8.0							
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs	0.3	6.2							
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring				Protected spring	Protected spring	0.3	4.4							
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring				Unprotected spring	Unprotected spring	0.0	1.8							
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater	0.0	0.1							
	Covered cistern/tank				Rain water	Covered cistern/tank	0.0	0.1							
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water	1.0	0.1							
	with other improved				Bottled water, improved source for cooking and wash	with other improved	1.0	0.1							
	without other improved					without other improved									
River or tank or stream	Surface water	0.0	0.9		Surface water	Surface water	0.0	1.8							
	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									
	Other non-improved	1.0	2.0			Other non-improved	1.4	0.4							
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided				Bowser/ Tanker truck	Tanker truck provided	1.4	0.4							
Other	Other	1.0	2.0			Other									
	Other					Other									
	DK/missing				Missing	DK/missing	0.0	0.0							
	Total	99.9	100.0			Total	100.0	100.1							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		98%	90%		Access to improved drinking water sources :		98%	88%							
Access to house connections :		71%	18%		Access to house connections :		62%	21%							
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	89%	67%		Ratios	HC / Tap water	77%	80%							
	Public tap / Tap water	10%	14%			Public tap / Tap water	22%	16%							
	Tubewell + protected well / All wells	96%	90%			Tubewell + protected well / All wells	98%	88%							
	Protected wells / Traditional wells	95%	89%			Protected wells / Traditional wells	97%	87%							
	Tubewell / All wells	20%	6%			Tubewell / All wells	25%	7%							
	Protected springs / All springs					Protected springs / All springs	100%	71%							
	Protect. well & spring / well & spring	96%	90%			Protect. well & spring / well & spring	98%	86%							
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										

Sri Lanka			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	DHS87	1987	36.9		89.1		4.1		59.0	
National water supply and Drainage Board	NWSDB92	1992		35.1		87.6		4.7		55.7
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		66.8		90.7		12.6		80.4
Demographic and Health Survey	DHS00	2000	35.5		97.8		3.6		70.2	
World Health Survey	WHS03	2003	64.1		96.2		31.4		81.2	
Country Report on Indicator for the Goals	CR104	2004		30.6		96.2		3.6		74.6
Census of population and Housing 2001	CEN01	2001			95.9				81.2	
Special Survey on Millennium Development Goals – 2006/07	SMDG07	2007			95.4				84.6	
Household Income and Expenditure Survey	HIES07	2007	71.0		98.1		17.7		89.8	
Demographic and Health Survey	DHS07	2007	61.9		98.2		20.5		88.1	

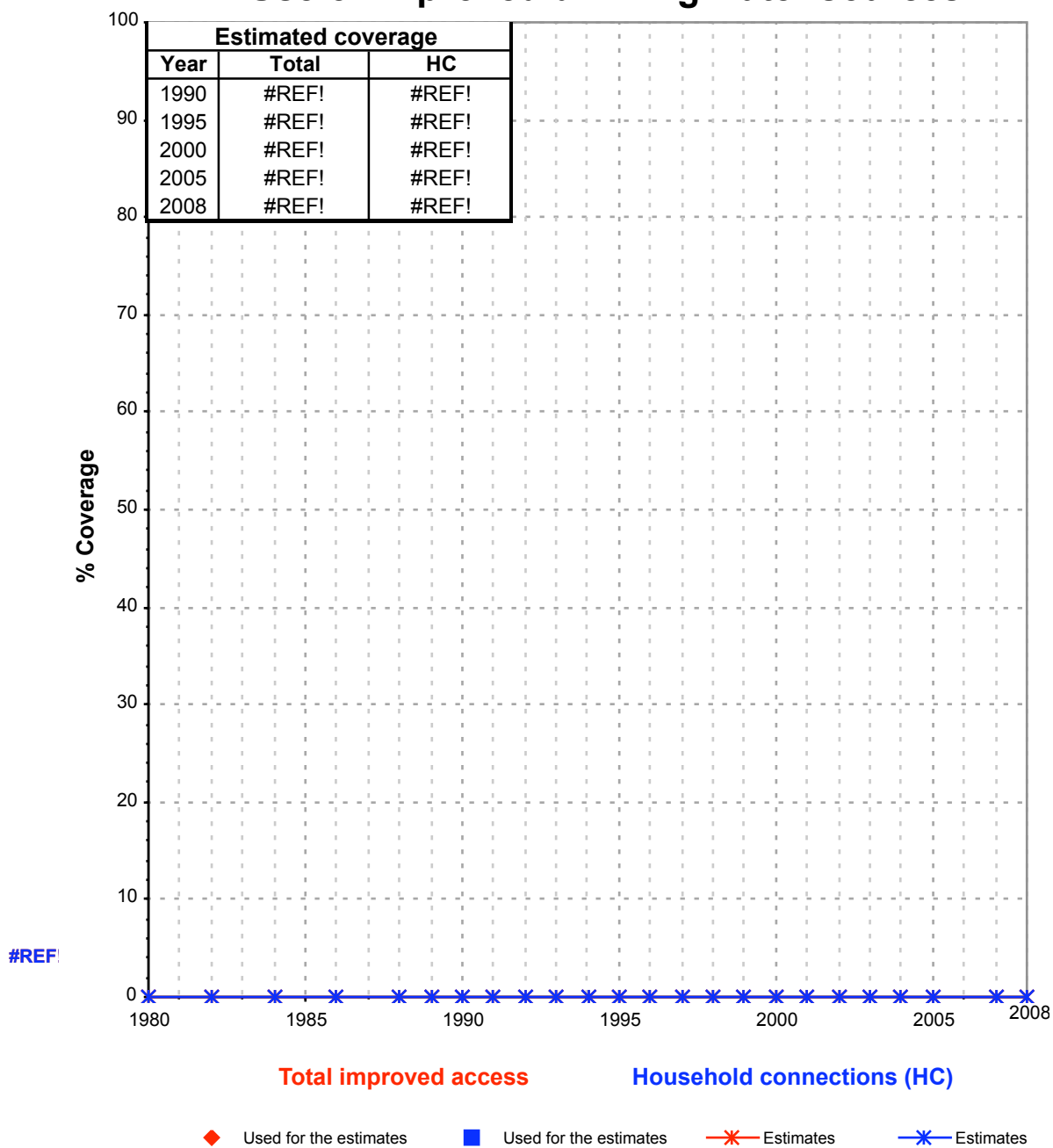
Sri Lanka - urban - Use of improved drinking water sources



Total access : Both the DHS 1987 and the DHS 2000 surveys are not representative for a few areas in Northern and Eastern Province.

Household connections : Both the DHS 1987 and the DHS 2000 surveys are not representative for the Northern and Eastern Province.

Sri Lanka - rural - Use of improved drinking water sources



Total access : Both the DHS 1987 and the DHS 2000 surveys are not representative for a few areas in Northern and Eastern Province.

Household connections : Both the DHS 1987 and the DHS 2000 surveys are not representative for a few areas in the Northern and Eastern Province.