



**WHO / UNICEF**

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

Estimates for the use of

**Improved  
Drinking-Water Sources**

Updated March 2010

---

**Swaziland**

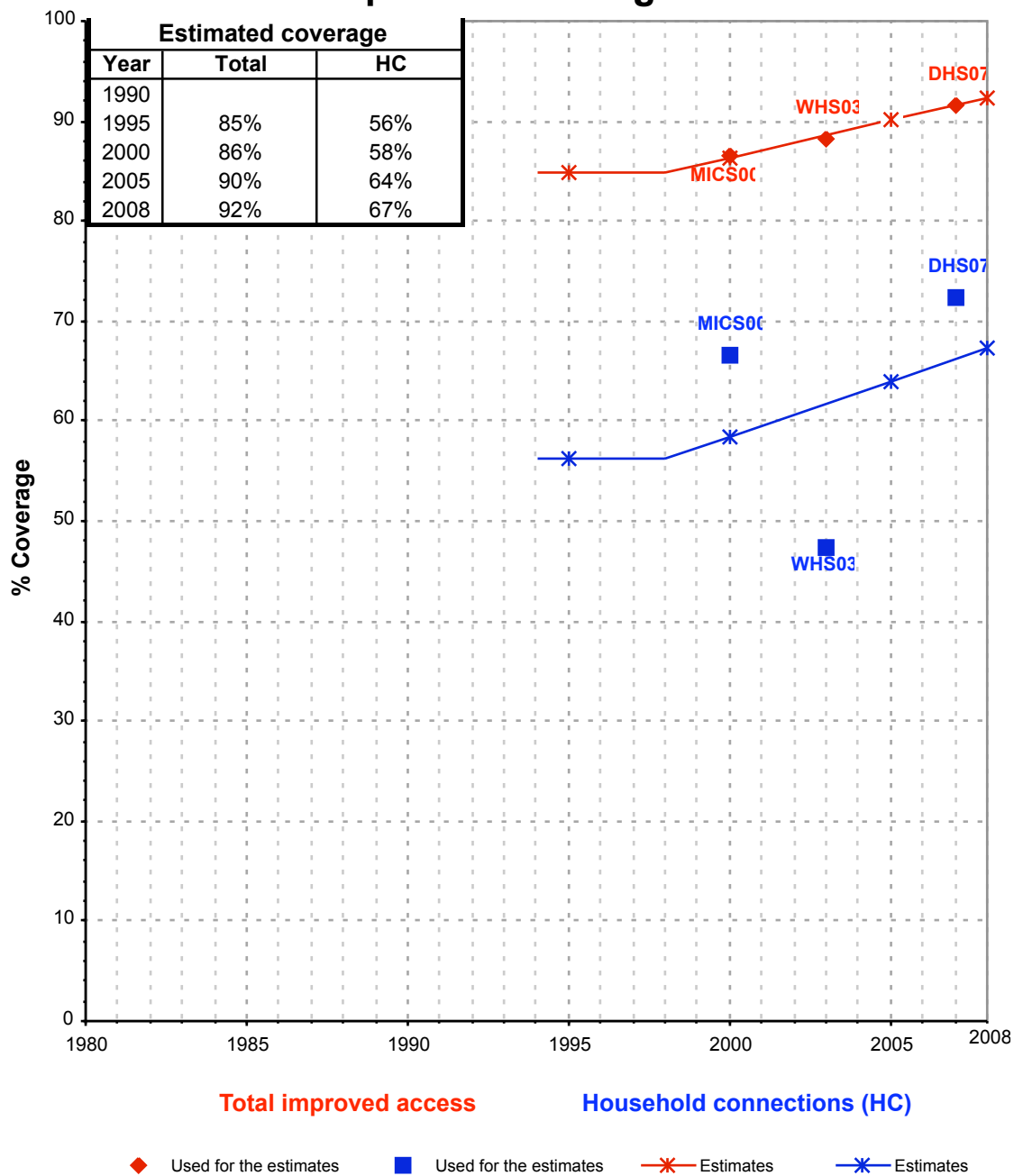
---

Access to drinking water sources		MICS00			Swaziland			Access to drinking water sources		WHS03			Swaziland		
Multiple Indicator Cluster Survey					World Health Survey					Report, December 2000					
2000					2003										
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
	<b>Tap water</b>	83.2	30.0	40.9		<b>Tap water</b>	81.5	43.6			<b>Tap water</b>	47.4	16.6		
	House connections	66.7	13.0	24.0	Piped water through house connection or yard	House connections					House connections				
Piped into dwelling	Piped water into dwelling	42.2	4.8	12.5		Piped water into dwelling					Piped water into dwelling				
Piped into yard or plot	Piped water to yard/plot	24.5	8.2	11.5		Piped water to yard/plot					Piped water to yard/plot				
Public tap	Public tap, standpipe	16.5	17.0	16.9	Public standpipe	Public tap, standpipe	34.1	27.1			Public tap, standpipe				
	Other					Other					Other				
	<b>Ground water</b>	7.7	27.5	23.3		<b>Ground water</b>	11.6	30.3			<b>Ground water</b>	6.0	15.1		
	Protected ground water	3.3	11.3	9.6		Protected ground water	6.0	15.1			Protected ground water	5.5	15.2		
	Unprotected ground water	4.4	16.2	13.7		Unprotected ground water	5.5	15.2			Unprotected ground water	6.0	15.1	0.0	
	Protected wells or springs	3.3	11.3	9.6		Protected wells or springs	6.0	15.1	0.0		Protected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected wells or springs	4.4	16.2	13.7	Unprotected dug well or spring	Unprotected wells or springs	5.5	15.2			Unprotected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>All wells</b>	7.7	27.5	23.3		<b>All wells</b>	6.0	15.1			<b>All wells</b>				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Tubewell/ borehole with pump	Tubewell, borehole	0.9	5.2	4.3	Protected tube well or bore hole	Tubewell, borehole	3.0	4.9			Tubewell, borehole				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>Traditional wells</b>	6.8	22.3	19.0		<b>Traditional wells</b>	3.1	10.2			<b>Traditional wells</b>				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected dug well	Protected well	2.4	6.1	5.3	Protected dug well or protected spring	Protected well	3.1	10.2			Protected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected dug well	Unprotected well	4.4	16.2	13.7		Unprotected well					Unprotected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>All springs</b>	0.0	0.0	0.0		<b>All springs</b>					<b>All springs</b>				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected spring	Protected spring	0.0	0.0	0.0		Protected spring					Protected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected spring					Unprotected spring					Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>Rainwater</b>	0.0	0.4	0.3		<b>Rainwater</b>	0.8	1.4			<b>Rainwater</b>				
Rainwater collection	Covered cistern/tank	0.0	0.4	0.3	Rainwater (into tank or cistern )	Covered cistern/tank	0.8	1.4			Covered cistern/tank				
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank				
	<b>Bottled water</b>					<b>Bottled water</b>					<b>Bottled water</b>				
	with other improved					with other improved					with other improved				
	without other improved					without other improved					without other improved				
	<b>Surface water</b>	5.0	40.0	32.8	Water taken directly from pond-water or stream	<b>Surface water</b>	6.0	23.7			<b>Surface water</b>				
	River					River					River				
	Lake					Lake					Lake				
	Dam					Dam					Dam				
Pond, river, stream	Pond	5.0	40.0	32.8		Pond					Pond				
	Stream					Stream					Stream				
	Irrigation channel					Irrigation channel					Irrigation channel				
	Other					Other					Other				
	<b>Other improved sources</b>					<b>Other improved sources</b>					<b>Other improved sources</b>				
	Other					Other					Other				
	Other					Other					Other				
	<b>Other non-improved</b>	3.9	1.3	1.9		<b>Other non-improved</b>	0.1	1.0			<b>Other non-improved</b>				
	Cart with small tank/drum					Cart with small tank/drum					Cart with small tank/drum				
Tanker or truck vendor	Tanker truck provided	2.8	0.5	1.0	Tanker-truck, vendor	Tanker truck provided	0.1	1.0			Tanker truck provided				
Other	Other	1.1	0.8	0.9		Other					Other				
Missing/DK	DK/missing	0.2	0.8	0.7		DK/missing					DK/missing				
	<b>Total</b>	100.0	100.0	99.9		<b>Total</b>	100.0	100.0			<b>Total</b>				
<b>Calculations</b>					<b>Calculations</b>					<b>Calculations</b>					
<b>Estimations</b>					<b>Estimations</b>					<b>Estimations</b>					
<b>Access to improved drinking water sources :</b>		87%	42%	51%	<b>Access to improved drinking water sources :</b>		88%	60%		<b>Access to improved drinking water sources :</b>		88%	60%		
<b>Access to house connections :</b>		67%	13%	24%	<b>Access to house connections :</b>		47%	17%		<b>Access to house connections :</b>		47%	17%		
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes		
<b>Ratios</b>	HC / Tap water	80%	43%		<b>Ratios</b>	HC / Tap water	58%	38%							
	Public tap / Tap water	20%	57%			Public tap / Tap water	42%	62%							
	Tubewell + protected well / All wells	43%	41%			Tubewell + protected well / All wells	100%	100%							
	Protected wells / Traditional wells	35%	27%			Protected wells / Traditional wells	100%	100%							
	Tubewell / All wells	12%	19%			Tubewell / All wells	49%	32%							
	Protected springs / All springs	#DIV/0!	#DIV/0!			Protected springs / All springs									
	Protect. well & spring / well & spring	43%	41%			Protect. well & spring / well & spring	52%	50%							
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:					
<b>Comments</b>					<b>Comments</b>					<b>Comments</b>					

Access to drinking water sources		DHS07		Swaziland	
Demographic and Health Survey				2007	
Original denomination	Classification	Urban	Rural	Total	
	<b>Tap water</b>	86.5	38.3	48.5	
	House connections	72.4	19.8	30.9	
Piped into dwelling, yard/plot	Piped water into dwelling	72.4	19.8	30.9	
	Piped water to yard/plot				
Public tap/standpipe	Public tap, standpipe	14.1	18.5	17.6	
	Other				
	<b>Ground water</b>	9.3	38.3	29.5	
	Protected ground water	5.2	17.5	13.9	
	Unprotected ground water	4.1	18.8	15.6	
	Protected wells or springs	5.2	17.5	13.9	
	Private				
	Public				
	Other				
	Unprotected wells or springs	4.1	18.8	15.6	
	Private				
	Public				
	Other				
	<b>All wells</b>	7.2	28.7	23.1	
	Private				
	Public				
	Other				
Tube well or borehole	Tubewell, borehole	3.0	8.6	6.4	
	Private				
	Public				
	Other				
	<b>Traditional wells</b>	4.2	20.1	16.7	
	Private				
	Public				
	Other				
Protected dug well	Protected well	1.3	6.6	5.5	
	Private				
	Public				
	Other				
Unprotected well	Unprotected well	2.9	13.5	11.2	
	Private				
	Public				
	Other				
	<b>All springs</b>	2.1	7.6	6.4	
	Private				
	Public				
	Other				
Protected spring	Protected spring	0.9	2.3	2.0	
	Private				
	Public				
	Other				
Unprotected spring	Unprotected spring	1.2	5.3	4.4	
	Private				
	Public				
	Other				
Rainwater	<b>Rainwater</b>	0.2	0.6	0.5	
	Covered cistern/tank				
	Uncovered cistern/tank				
	<b>Bottled water</b>				
	with other improved				
	without other improved				
Surface water	<b>Surface water</b>	2.3	23.3	18.9	
	River				
	Lake				
	Dam				
	Pond				
	Stream				
	Irrigation channel				
	Other				
	<b>Other improved sources</b>				
	Other				
	Other				
	<b>Other non-improved</b>	1.6	1.4	1.4	
	Cart with small tank/drum				
Tanker truck/Cart with small tank	Tanker truck provided	1.3	1.2	1.2	
Other	Other	0.3	0.2	0.2	
	Other				
	<b>DK/missing</b>				
	<b>Total</b>	99.9	99.9	98.8	
<b>Calculations</b>					
<b>Estimations</b>					
<b>Access to improved drinking water sources :</b>		<b>92%</b>	<b>56%</b>	<b>62%</b>	
<b>Access to house connections :</b>		<b>72%</b>	<b>20%</b>	<b>31%</b>	
Used for the estimates.		Yes	Yes		
Used for the estimates.		Yes	Yes		
<b>Ratios</b>	HC / Tap water	84%	52%		
	Public tap / Tap water	16%	48%		
	Tubewell + protected well / All wells	60%	53%		
	Protected wells / Traditional wells	31%	33%		
	Tubewell / All wells	42%	30%		
	Protected springs / All springs	43%	30%		
	Protect. well & spring / well & spring	56%	48%		
Number of people covered by the survey:					
Number of households covered by the survey:					
Total population:					
<b>Comments</b>					

Swaziland			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	66.7		86.5		13.0		41.7	
World Health Survey	WHS03	2003	47.4		88.3		16.6		60.1	
Demographic and Health Survey	DHS07	2007	72.4		91.7		19.8		55.8	

# Swaziland - urban - Use of improved drinking water sources



# Swaziland - rural - Use of improved drinking water sources

