



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Malawi

Malawi

DHS	1992	
SANITATION	Urban	Rural
Own Flush	11.6	0.3
Shared Flush	2.4	0.3
Ventilated Improved Pit Latrine (VIP)	1.2	0.6
Traditional Pit Latrine	81.7	67.9
No Facilities/Bush	3.1	30.8
Unknown/Missing	0.1	0.0
TOTAL	100.0	99.9
Traditional pit latrines considered improved based on WHS03	74.3	61.8
% Use of an improved sanitation facility	90%	63%
% Sewerage connections		

Source: DHS Malawi, 1992

MICS	1995	
SANITATION	Urban	Rural
Flush to Sewage System	2.7	0.3
Flush to Septic Tank	7.2	0.3
VIP Latrine	2.9	0.3
Latrine with Sanplat	10.2	3.2
Simple Pit	73.4	71.7
No facility	3.6	24.1
TOTAL	100.0	99.9
Simple pit considered improved based on WHS03	66.8	65.2
% Use of an improved sanitation facility	90%	69%
% Sewerage connections		

Source: MICS 1995, Malawi

DHS	1996	
SANITATION	Urban	Rural
Own Flush	13.7	0.4
Shared Flush	2.2	0.0
VIP	2.0	0.2
Traditional Pit Latrine	77.8	65.3
No Facilities/Bush	4.3	33.5
Other	0.1	0.1
Unknown/ Missing	0.1	0.4
TOTAL	100.0	99.9
Traditional pit latrines considered improved based on WHS03	70.8	59.4
% Use of an improved sanitation facility	89%	60%
% Sewerage connections		

Source: DHS Malawi, 1996

Surveys

DHS			2000	
SANITATION	Urban	Rural		
Own Flush Toilet	16.4	0.7		
Pit Latrine	81.8	78.0		
No Facilities/Bush	1.8	21.2		
Missing	0.0	0.1		
TOTAL	100.0	100.0		
Pit latrines considered improved based on WHS03	74.4	71.0		
% Use of an improved sanitation facility	91%	72%		
% Sewerage connections				

Source: DHS Malawi, 2000

CWIQ			2002	
SANITATION	Urban	Rural		
Flush Toilet	11.9	0.9		
VIP Latrine	0.6	0.2		
Covered pit latrine	15.8	9.5		
Uncovered pit latrine	70.7	75.5		
No Facilities/Bush	1.1	13.8		
Missing	0.0	0.1		
TOTAL	99.0	100.0		
Uncovered pit latrines considered improved based on WHS03	66.5	68.7		
Access to improved sanitation	95%	79%		
Estimation of House connection by the				

Source: CWIQ Malawi, 2002

WHS			2003	
SANITATION	Urban	Rural		
Proportion shared improved facilities/all improved facilities			0.44	0.22
Private domestic connection to sewage system	1.5	0.6		
Shared domestic connection to sewage system	0.0	0.3		
Private flush to septic tank	4.8	0.3		
Shared flush to septic tank	0.7	0.0		
Private pour flush latrine	0.1	0.1		
Shared pour flush latrine	0.1	0.0		
Private covered dry latrine (with privacy)	45.8	58.4		
Shared covered dry latrine (with privacy)	39.5	16.7		
Uncovered dry latrine (without privacy)	5.4	7.6		
Bucket latrine (where fresh excreta are manually removed)	0.0	0.1		
No facilities (open defecation)	1.1	15.4		
Other	1.1	0.5		
TOTAL	100.0	100.0		
Ratio improved dry latrines/all dry latrines	0.94	0.91		
% Use of an improved sanitation facility	92%	76%		
% Sewerage connections	1%	1%		

Source: World Health Survey, WHO, 2003.

Estimate

DHS	2004	
SANITATION	Urban	Rural
Flush Toilet	16.2	0.8
VIP	2.3	0.9
Traditional Pit Latrine	76.1	80.0
No Facilities/Bush	5.2	18.2
Unknown/ Missing	0.2	0.0
TOTAL	100.0	99.9
Traditional pit latrines considered improved based on WHS03	69.3	72.8
% Use of an improved sanitation facility	88%	75%
% Sewerage connections		

Source: DHS Malawi, 2004

MICS	2006	
Proportion shared improved facilities/all improved facilities		
	0.47	0.34
SANITATION	Urban	Rural
Flush to piped sewer system	1.2	0.1
Flush to septic tank	10.9	0.5
Flush to pit (latrine)	0.1	0.0
Ventilated Improved Pit latrine (VIP)	1.5	0.2
Pit latrine with slab	23.6	8.3
Composting toilet	0.0	0.0
Pit latrine with slab and cover	5.3	3.1
Pit latrine w. slab and foot rest	1.3	0.3
Pit latrine w. slab/cover and foot rest	0.6	0.5
Flush to unknown place/not sure/DK where	0.1	0.0
Flush to somewhere else	0.4	0.0
Pit latrine without slab/open pit	52.3	73.9
Hanging toilet/hanging latrine	0.0	0.0
No facilities or bush or field	2.4	12.7
Other	0.0	0.4
Missing	0.3	0.1
TOTAL	100.0	100.1
Pit latrine without slab considered improved based on WHS03	47.6	67.2
% Use of an improved sanitation facility	92%	80%
% Sewerage connections	1%	0%

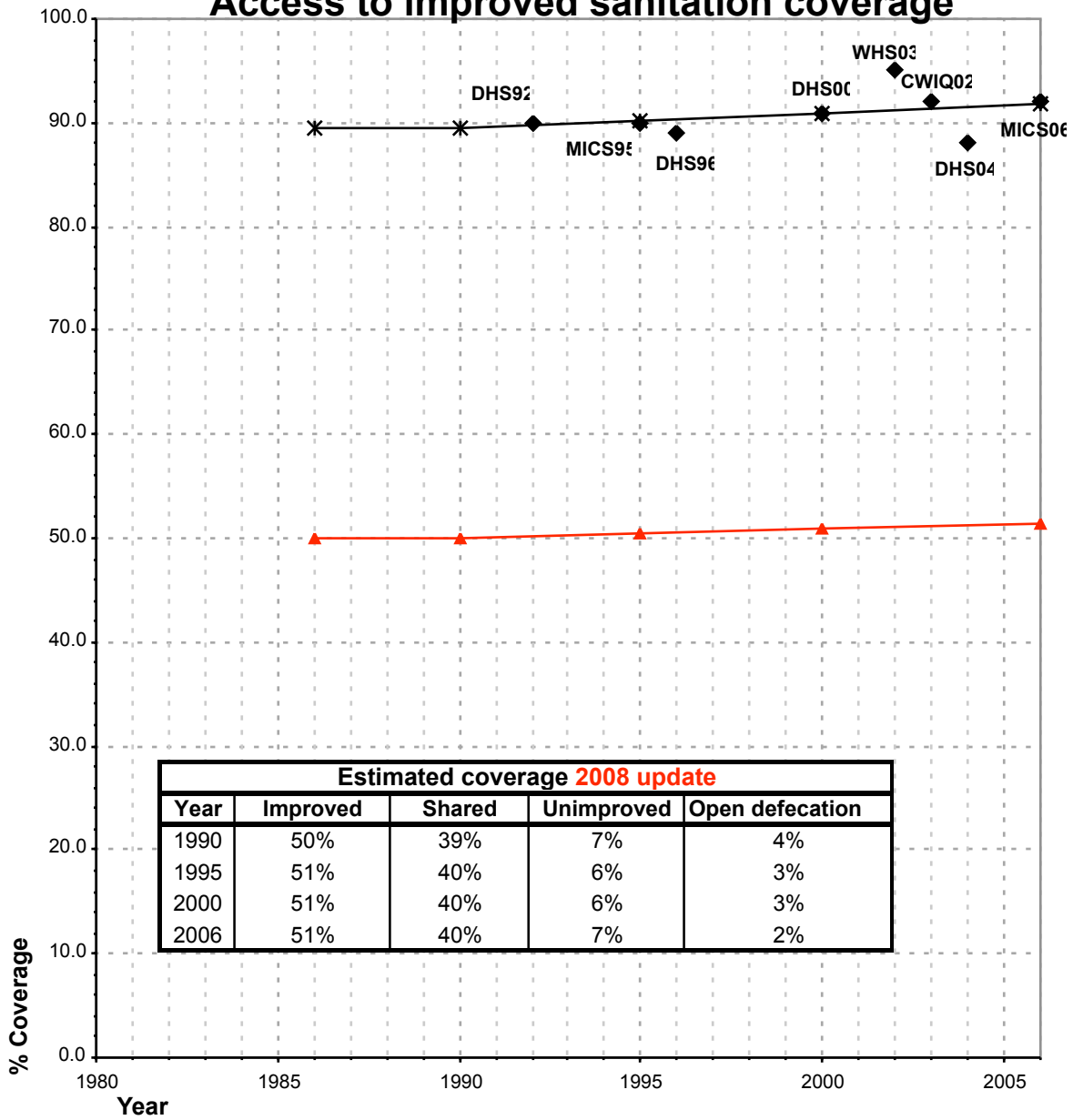
Source: MICS 2006

FORM6/WHO	1999	
SANITATION	Urban	Rural
connections to conventional	124	0
connections but served with	630	3'959
Total population served	754	3'959
Total population unserved	954	4'339
Total population	1'708	8'298
% Use of an improved sanitation facility	44%	48%
% Sewerage connections	7%	0%

Source: Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999 (Form 6 - sent to WHO)

Malawi			SANITATION								OPEN DEFECCATION			
			URBAN				RURAL							
			HC		Total		HC		Total		Urban		Rural	
Source	Code	Year	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates
The International Drinking Water Supply and Sanitation Decade. Review of National Baseline Data (as at December 1980). WHO 1984.	WHO 80	1980		16.0		100.0				81.0				
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1985.	WHO83	1983		11.0		75.0								
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985												
Malawi Demographic and Health Survey, 1992.	DHS92	1992		0.0	90.0			0.0	63.0		3.1		30.8	
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1993			70.0				44.0					
Survey of the State of Health, Nutrition, Water, Sanitation and Education in Malawi. Ministry of Economic Planning & Development, National Statistical Office, and the Centre for Social	MICS95	1995		0.0	90.0			0.0	69.0		3.6		24.1	
Malawi Demographic and Health Survey 1996.	DHS96	1996		0.0	89.0			0.0	60.0		4.3		33.5	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		7.3		44.0		0.0		48.0				
Malawi Demographic and Health Survey 2000.	DHS00	2000		0.0	91.0			0.0	72.0		1.8		21.2	
	CWIQ02	2002		0.0	95.0			0.0	79.0		1.1		13.8	
World Health Survey, WHO, 2003.	WHS03	2003	1.0		92.0		1.0		76.0		1.05		15.42	
Malawi Demographic and Health Survey 2000.	DHS04	2004		0.0	88.0			0.0	75.0		5.2		18.2	
Malawi, Multiple Cluster Indicators Survey, 2006	DHS06	2006	1.0		92.0		0.0		80.0		2.4		12.7	

Malawi - urban - Access to improved sanitation coverage



Improved plus shared

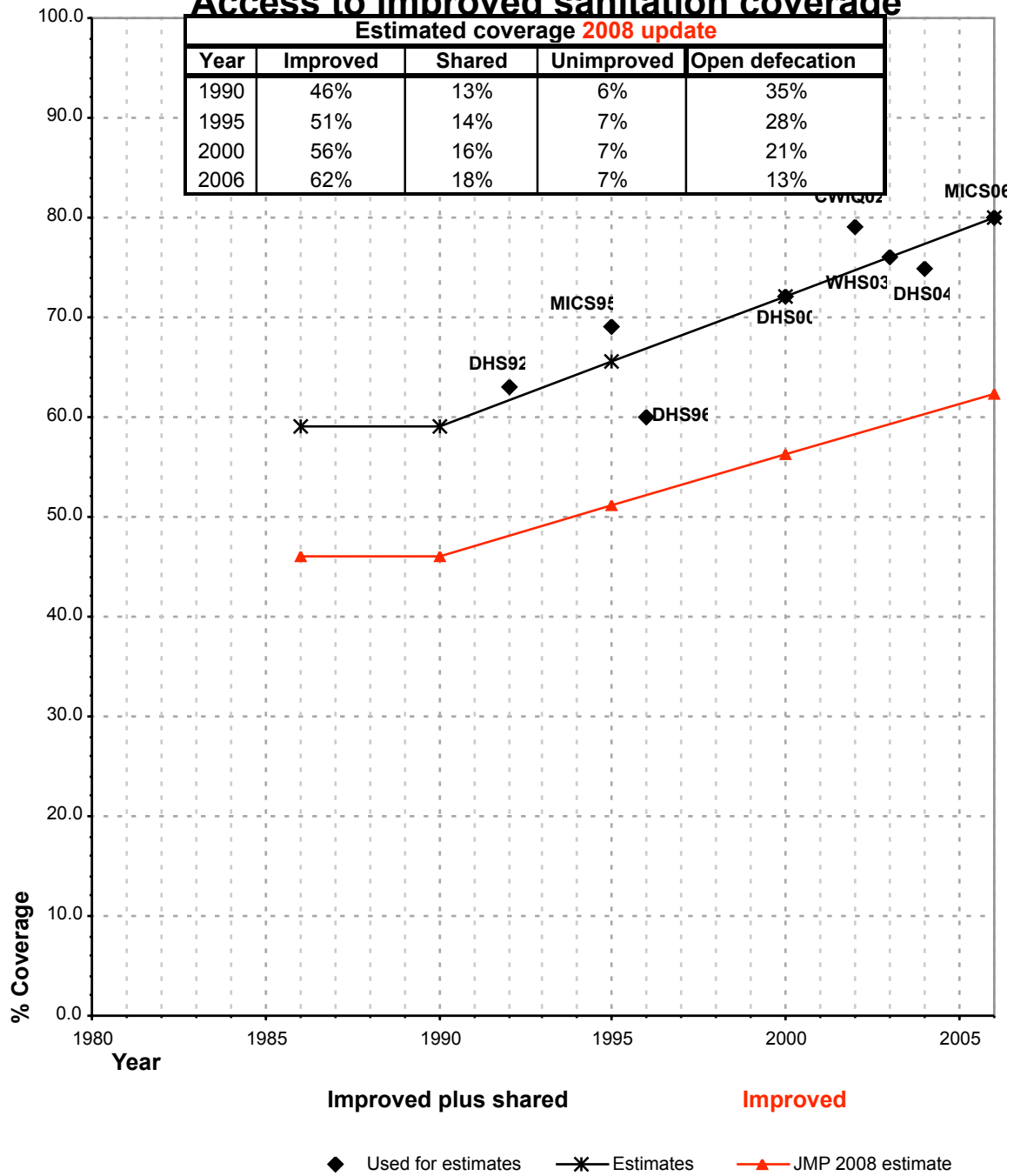
Improved

◆ Used for estimates ✱ Estimates ▲ JMP 2008 estimates

Shared facilities :

The proportion of the population using a shared improved sanitation facility is based on the average of the WHS03 and MICS06

Malawi - rural - Access to improved sanitation coverage



Shared facilities :

The proportion of the population using a shared improved sanitation facility is based on the average of the WHS03 and MICS06