



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Zambia

DHS 1992		
SANITATION	Urban	Rural
Own flush toilet	43.3	1.4
Shared flush toilet	4.6	0.3
Traditional pit toilet*	46.6	42.4
VIP latrine	1	1.8
No facility/ bush	4.3	53.8
Other	0	0
Missing information	0.1	0.2
TOTAL	100	99.9
Traditional pit toilets considered to be improved, based on WHS03	43.8	37.7
Access to improved sanitation	93%	41%
Estimated House connections	40%	1%

Source: Zambia DHS, 1992

DHS 1996		
SANITATION	Urban	Rural
Own flush toilet	41.2	1
Shared flush toilet	4.4	0.2
Traditional pit toilet*	48.6	55
Ventilated Improved Pit latrine	0.3	0.4
No facility/ bush	4.8	42.9
Other	0.3	0.1
Missing information	0.4	0.4
TOTAL	100	100
<i>Ratio own/ all flush toilets</i>	<i>0.90</i>	<i>0.83</i>
Traditional pit toilets considered to be improved, based on WHS03	45.7	48.9
Access to improved sanitation	92%	50%
Estimated House connections	38%	1%

Source: Zambia DHS 1996

Urban Sanitation

Surveys

MICS		1999	
SANITATION	Urban	Rural	
Flush to sewer system/ septic tank	38.5	1.8	
Pour flush latrine (water seal type)	5.8	0.1	
Improved pit latrine (eg. VIP)	6.0	2.5	
Traditional pit latrine *	48.4	61.6	
Aqua privy	0.1	0.1	
Bucket	0.1	0.3	
Non/ bush/ field	1.2	33.5	
TOTAL	100.1	99.9	
all flush toilets	44.3	1.9	
Flush toilets corrected for shared on basis of DHS96 and WHS03	38.3	1.7	
Traditional pit toilets considered to be improved, based on WHS03	45.5	54.8	
Access to improved sanitation	90%	59%	
Estimated House connections	29%	1%	

Source: MICS 1999

DHS		2002	
SANITATION	Urban	Rural	
Flush toilet	42.3	1.9	
Traditional pit latrine	49.9	54.6	
Ventilated Improved Pit latrine	2.5	1.0	
No facility/ bush	4.9	42.5	
Other	0.1	0.0	
Missing information	0.3	0.0	
TOTAL	100.0	100.0	
Flush toilets corrected for shared on basis of WHS03	34.9	1.9	
Traditional pit toilets considered to be improved, based on WHS03	46.9	48.5	
Access to improved sanitation	84%	51%	
Estimated House connections	32%	1%	

Source: Zambia DHS 2002

tion - Zambia

LCMS			2003	
SANITATION	Urban	Rural		
Own flush toilet inside	25.0	1.0		
Own flush toilet outside	13.0	0.0		
Communal shared flush toilet	3.0	0.0		
Own pit latrines	40.0	56.0		
Communal pit latrine	13.0	3.0		
Neighbours/Other households pit latrine	3.0	6.0		
Auqa Privy	1.0	0.0		
None	1.0	33.0		
Other	0.0	1.0		
TOTAL	99.0	100.0		
ratio private latrines/all latrines	0.72	0.86		
Traditional pit toilets considered to be improved, based on WHS03	52.7	57.8		
Access to improved sanitation	95%	59%		
Estimated House connections	35%	1%		

Source: Zambia Living Conditions Monitoring Survey report, 2002-2003

WHS			2003	
Proportion shared improved facilities/all improved facilities			41.1%	14.9%
SANITATION	Urban	Rural		
Private domestic connection to sewage system	26.1	1.7		
Shared domestic connection to sewage system	4.6	0.0		
Private flush to septic tank	2.1	0.5		
Shared flush to septic tank	1.4	0.0		
Private pour flush latrine	1.2	0.3		
Shared pour flush latrine	0.6	0.0		
Private covered dry latrine (with privacy)	25.3	47.9		
Shared covered dry latrine (with privacy)	31.7	8.8		
Uncovered dry latrine (without privacy)	3.7	7.1		
Bucket latrine (where fresh excreta are manually removed)	0.4	0.0		
No facilities (open defecation)	2.7	30.8		
Other	0.3	2.9		
TOTAL	100.0	100.0		
ratio of improved latrines/all latrines	0.94	0.89		
Ratio of private covered latrine among dry latrines	0.42	0.75		
Ratio of private among flush	0.83	0.99		
Ratio of private domestic connection among flush	0.76	0.78		
Ratio of private domestic connection among own flush	0.92	0.79		
% Private improved sanitation	93%	59%		
% Private sewerage connections	26%	2%		

Source: World Health Survey, WHO, 2003.

Census

CENSUS			1990
(Population in thousands)			
SANITATION	Urban	Rural	
Private Sewerage Connection	1584	120	
Communal Sewerage Connection	106	0	
Household Latrine	1092	3057	
Public Latrine	669	599	
Other	35	60	
No Facility	35	2158	
Total Population	3521	5994	
Total Population Served	2611	2838	
House latrines considered to be improved, based on WHS03	1027	2718	
Access to improved sanitation	74%	47%	
% House connections	45%	2%	

Source: 1990 National Census data recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.

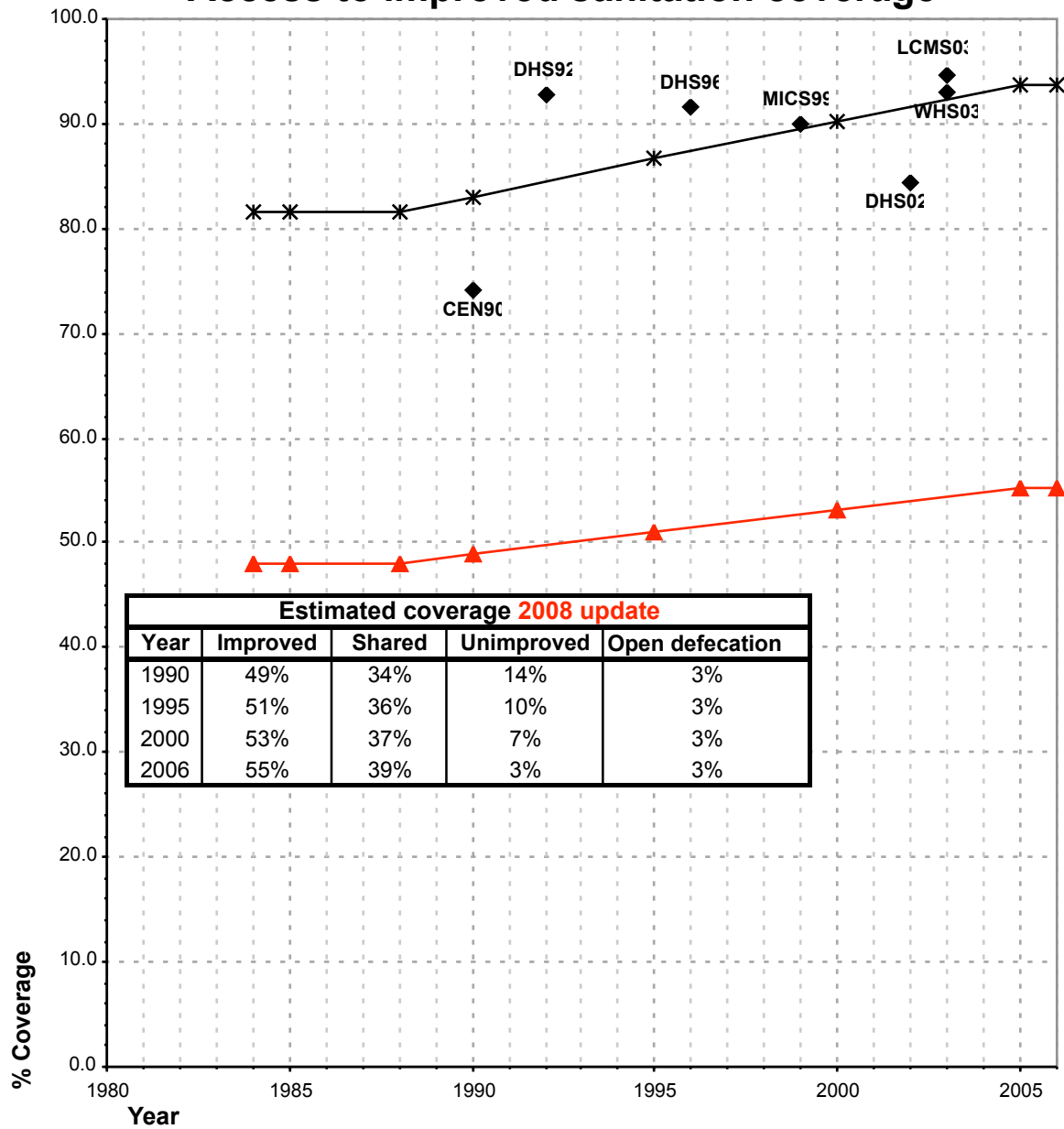
Estimate

FORM6/WHO			1999
(Population in thousands)			
SANITATION	Urban	Rural	
Population served with household connections to conventional sewers	2676	3177	
Population without household connections but served with adequate, private or shared on-site system	810	660	
Total population served	3486	3837	
Total population unserved	35	2158	
Total population	3521	5995	
Access to improved sanitation	99%	64%	
% House connections	76%	53%	

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

Zambia			SANITATION										OPEN DEFECATION			
			URBAN				RURAL									
			Source	Code	Year	HC		Total		HC		Total		Urban		Rural
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 Progress (as at December 1983). WHO 1986.	WHO83	1983		45.0		100.0										
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985		25.0		76.0										
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988		26.0		77.0										
National Census, Zambia, 1990.	CEN90	1990	45.0		74.2		2.0		47.3			1.0		36.0		
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				75.0										
Demographic and Health Survey, Zambia, 1992.	DHS92	1992	40.0		92.7		1.1		41.2			4.3		53.8		
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1993				40.0										
Demographic and Health Survey, Zambia, 1996.	DHS96	1996	38.1		91.6		0.8		50.5			4.8		42.9		
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Q	JMP99	1999		76.0		99.0		53.0								
Zambia MICS 1999	MICS99	1999	29.4		89.9		1.4		59.1			1.2		33.5		
Zambia DHS 2002	DHS02	2002	32.3		84.4		1.5		51.4			4.9		42.5		
World Health Survey, WHO, 2003.	WHS03	2003	26.1		93.0		1.7		59.1			2.7		30.8		
Zambia Living Conditions Monitoring Survey report, 2002-2003	LCMS03	2003	35.1		94.7		0.8		58.8			1.0		33.0		

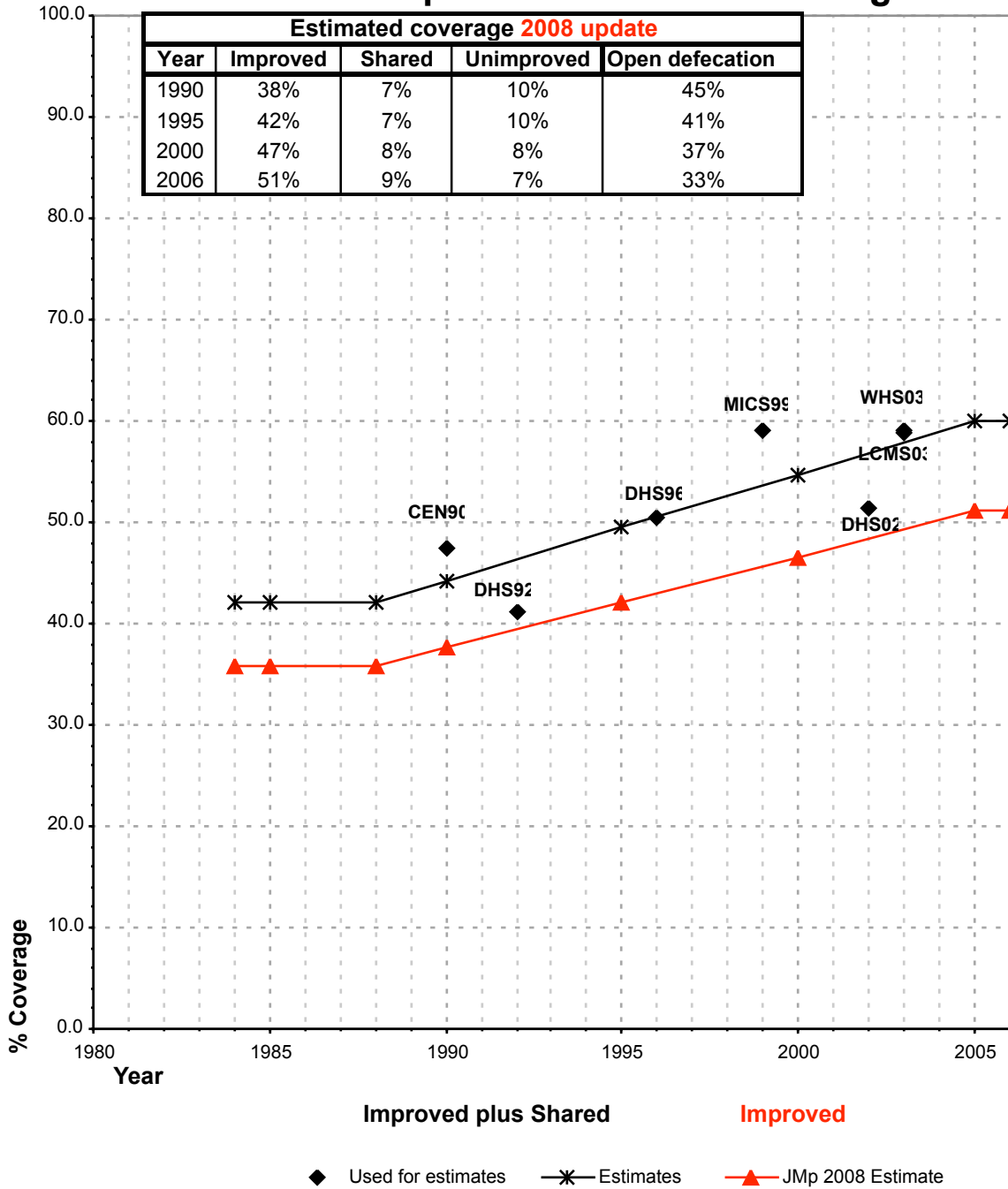
Zambia - urban - Access to improved sanitation coverage



◆ Used for estimates
✱ Estimates
▲ JMP 2008 Estimate

Total access :

Zambia - rural - Access to improved sanitation coverage



Total access :