



**WHO / UNICEF**

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

**Coverage Estimates  
Improved Sanitation**

Updated in July 2008

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**Ghana**

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LS Survey		1988	
SANITATION	Urban	Rural	Total
Flush toilet*	13.0	0.9	4.8
Pit latrine	41.2	64.8	57.2
Pan/ Bucket	25.6	7.3	13.2
No toilet	10.5	24.6	20.0
Other	9.7	2.5	4.8
<b>TOTAL</b>	<b>100.0</b>	<b>100.1</b>	<b>100.0</b>
<i>considered improved based on ratio CWIQ03</i>	31.8	19.0	
<b>% Use of an improved sanitation facility</b>	<b>45%</b>	<b>20%</b>	

Source: Ghana Living standards Survey, 1988

DHS		1988	
SANITATION	Urban	Rural	
Domestic Connection*	17.5	1.2	
KVIP	6.4	1.5	
Pit	32.6	58.9	
Pan	28.4	6.8	
No Facilities	14.9	31.2	
Other	0.2	0.4	
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	
<i>traditional pit latrines considered improved based on ratio CWIQ03</i>	25.2	17.3	
<b>% Use of an improved sanitation facility</b>	<b>49%</b>	<b>20%</b>	

Source: DHS Ghana, 1988

DHS		1993	
SANITATION	Urban	Rural	
Own Flush Toilet	10.3	0.5	
Shared Flush Toilet	5.3	0.4	
VIP	27.8	7.2	
Traditional Pit Latrine	29.2	59.5	
Bucket/Pan	19.2	1.7	
No Facilities/Bush	8.3	30.6	
<b>TOTAL</b>	<b>100.1</b>	<b>99.9</b>	
<i>traditional pit latrines considered improved based on ratio CWIQ03</i>	22.5	17.5	
<b>% Use of an improved sanitation facility</b>	<b>66%</b>	<b>26%</b>	
<b>% Sewerage connections</b>	<b>10%</b>	<b>1%</b>	

Source: DHS Ghana, 1993

## Urban and Rural Sanitation - Ghana

### Survey

MICS		1995		
SANITATION	Urban	Rural	Total	
Water Closet *	21.0	2.0	9.0	
Septic tank	29.0	3.0	13.0	
VIP/KVIP Latrine	15.0	8.0	11.0	
Pit latrine	8.0	52.0	36.0	
Pan/bucket latrine	22.0	1.0	9.0	
No Facilities	5.0	34.0	23.0	
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>101.0</b>	
<i>traditional pit latrines considered improved based on ratio CWIQ03</i>	6.2	15.3		
<b>% Use of an improved sanitation facility</b>	<b>71%</b>	<b>28%</b>		
<b>% Sewerage connections</b>				

Source MICS 1995

DHS		1998	
SANITATION	Urban	Rural	
Own flush toilet	10.5	1.2	
Share flush toilet	7.8	0.9	
Ventilated improved pit toilet	36.9	18.2	
Traditional pit toilet	21.7	50.8	
Bucket/pan	13.7	2.3	
No facility/bush	9.4	26.6	
<b>TOTAL</b>	<b>100</b>	<b>100</b>	
<i>traditional pit latrines considered improved based on ratio CWIQ03</i>	16.8	14.9	
<b>% Use of an improved sanitation facility</b>	<b>72%</b>	<b>34%</b>	
<b>% Sewerage connections</b>	<b>11%</b>	<b>1%</b>	

Source: Ghana Demographic and Health Survey 1998.

DHS		2003	
SANITATION	Urban	Rural	
Flush toilet	21.2	1.7	
Ventilated improved pit latrine	40.8	13.5	
Traditional pit toilet	26.7	54.0	
Bucket, pan	4.5	0.2	
No facility, bush, field	6.7	30.6	
Missing	0.1	0.1	
<b>TOTAL</b>	<b>100.0</b>	<b>100.1</b>	
<i>traditional pit latrines considered improved based on ratio CWIQ03</i>	20.6	15.8	
Sewerage connection based on WHS03	9.3	0.3	
<b>% Use of an improved sanitation facility</b>	<b>83%</b>	<b>31%</b>	
<b>% Sewerage connections</b>	<b>9%</b>	<b>0%</b>	

Source: Ghana Demographic and Health Survey 2003.

WHS 2003		
SANITATION	Urban	Rural
Private domestic connection to sewage system	14.0	3.4
Shared domestic connection to sewage system	1.6	0.0
Private flush to septic tank	5.4	0.4
Shared flush to septic tank	6.7	0.3
Private pour flush latrine	0.2	0.0
Shared pour flush latrine	0.8	0.1
Private covered dry latrine (with privacy)	7.0	6.9
Shared covered dry latrine (with privacy)	36.1	24.2
Uncovered dry latrine (without privacy)	6.8	28.0
Bucket latrine (where fresh excreta are manually removed)	4.4	0.6
No facilities (open defecation)	9.7	32.0
Other	7.3	4.1
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>
Proportion flush to septic tank of flush to sewerage and septic tank	0.44	0.16
<b>% Use of an improved sanitation facility</b>	<b>72%</b>	<b>35%</b>
<b>% Sewerage connections</b>	<b>16%</b>	<b>3%</b>

Source: World Health Survey, WHO, 2003.

CWIQ 2003		
SANITATION	Urban	Rural
Flush to piped sewer system	20.6	1.0
Ventilated Improved Pit latrine (VIP)	46.6	18.4
Covered pit latrine	13.9	13.7
Uncovered pit latrine	4.1	33.0
Pan or bucket	4.6	0.6
No facilities or bush or field	9.6	31.9
Other	0.6	1.4
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>
Ratio improved latrines of all latrines	0.77	0.29
Sewerage connection based on WHS03	9.0	0.2
<b>% Use of an improved sanitation facility</b>	<b>81%</b>	<b>33%</b>
<b>% Sewerage connections</b>	<b>9%</b>	<b>0%</b>

Source: CWIQ 2003.

MICS 2006		
Proportion shared improved facilities/all improved facilities	0.82	0.86
SANITATION	Urban	Rural
Flush to piped sewer system	3.8	0.6
Flush to septic tank	14.9	1.2
Flush to pit (latrine)	5.3	0.6
Ventilated Improved Pit latrine (VIP)	46.5	19.0
Pit latrine with slab	12.0	23.8
Pit latrine without slab/open pit	7.0	19.0
Bucket	1.7	0.2
No facilities or bush or field	8.7	35.5
Other	0.0	0.1
Missing	0.1	0.0
<b>TOTAL</b>	<b>100.0</b>	<b>###</b>
<b>% Use of an improved sanitation facility</b>	<b>83%</b>	<b>45%</b>
<b>% Sewerage connections</b>	<b>4%</b>	<b>1%</b>

Source: MICS 2006.

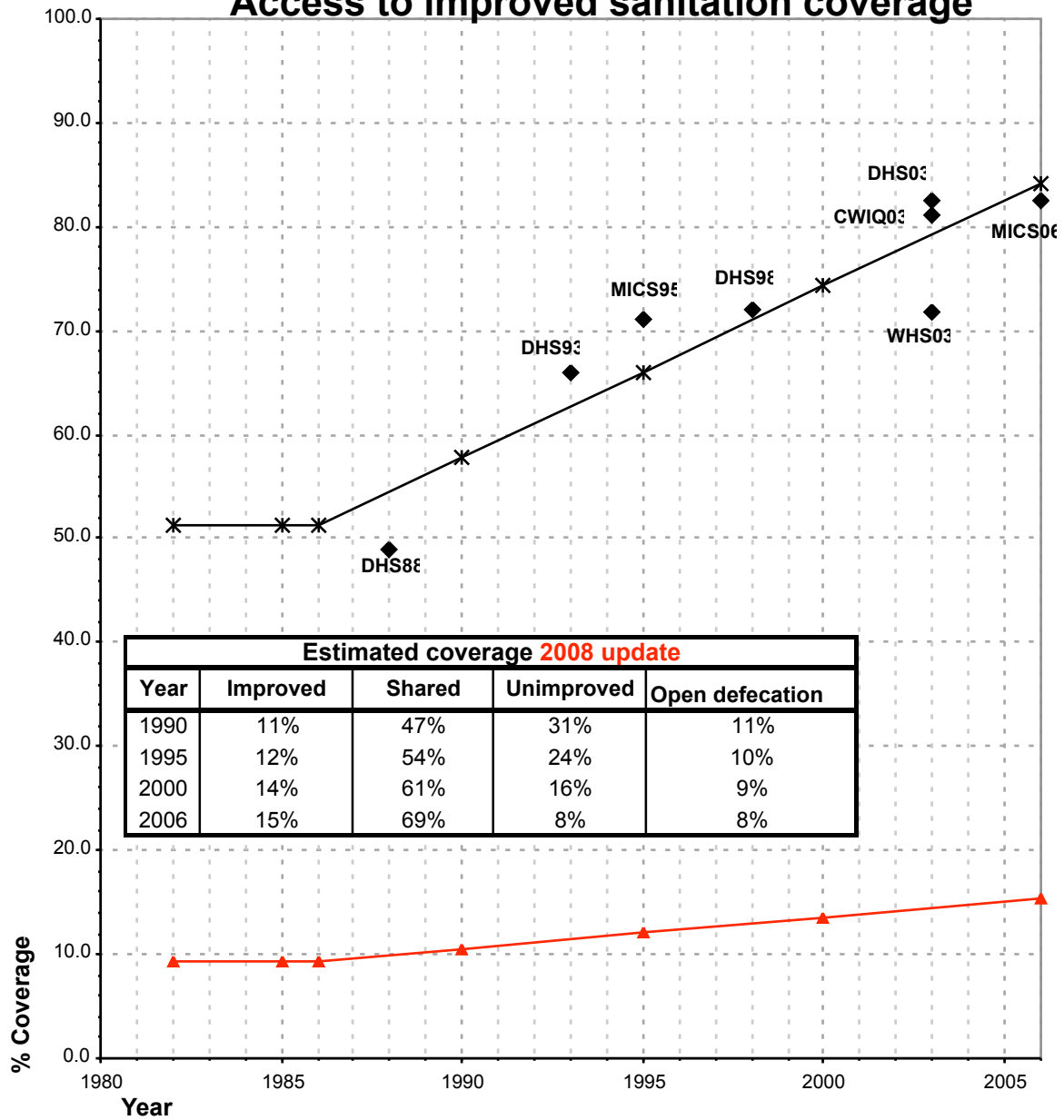
**Estimate**

<b>FORM6/WHO</b>	<b>1999</b>	
(Population in thousands)		
<b>SANITATION</b>	<b>Urban</b>	<b>Rural</b>
Population served with household connections to conventional sewers	1844.0	0.0
Population without household connections but served with adequate, private or shared on-site system	1574.0	1254.0
<b>Total population served</b>	<b>3418.0</b>	<b>1254.0</b>
Total population unserved	517.0	7104.0
<b>Total population</b>	<b>3935.0</b>	<b>8361.0</b>
<b>% Use of an improved sanitation facility</b>		
% House connections		

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

Ghana			SANITATION								OPEN DEFECACTION			
			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	WHO80	1980		4.0		47.0				17.0				
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO83	1983		4.0		47.0				16.0				
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987. Source: Ghana Living standards Survey, 1988	WHO85	1985		4.0		61.0				16.0				
Ghana Demographic and Health Survey 1988.	LSS88	1988				45.3				37.3			10.5	24.6
Ghana Demographic and Health Survey 1988.	DHS88	1988			49.0				20.0		14.9		31.2	
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988		4.0		64.0				15.0				
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990		13.0		63.0				60.0				
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				64.0				32.0				
Ghana Demographic and Health Survey 1993.	DHS93	1993	10.3		65.9		0.5		25.6		8.3		30.6	
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1993				53.0				36.0				
MICS Survey 1995	MICS95	1995	0.0		71.2		0.0		28.3		5.0		34.0	
Ghana Demographic and Health Survey 1998	DHS98	1998	10.5		72.0		1.2		34.3		9.4		26.6	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		46.9		87.0		0.0		15.0				
Ghana Demographic and Health Survey 2003.	DHS03	2003	9.3		82.6		0.3		31.0		6.7		30.6	
World Health Survey, WHO, 2003.	WHS03	2003	15.6		71.8		3.5		35.3		9.7		32.0	
MICS 2006	MICS06	2006		3.8	82.5		0.6		45.2		8.7		35.5	
Core Welfare Indicator Questionnaire (CWIQ), 2003	CWIQ03	2003	9.0		81.1		0.2		33.1		9.6		31.9	

# Ghana - urban - Access to improved sanitation coverage



Improved plus shared

Improved

◆ Used for estimates

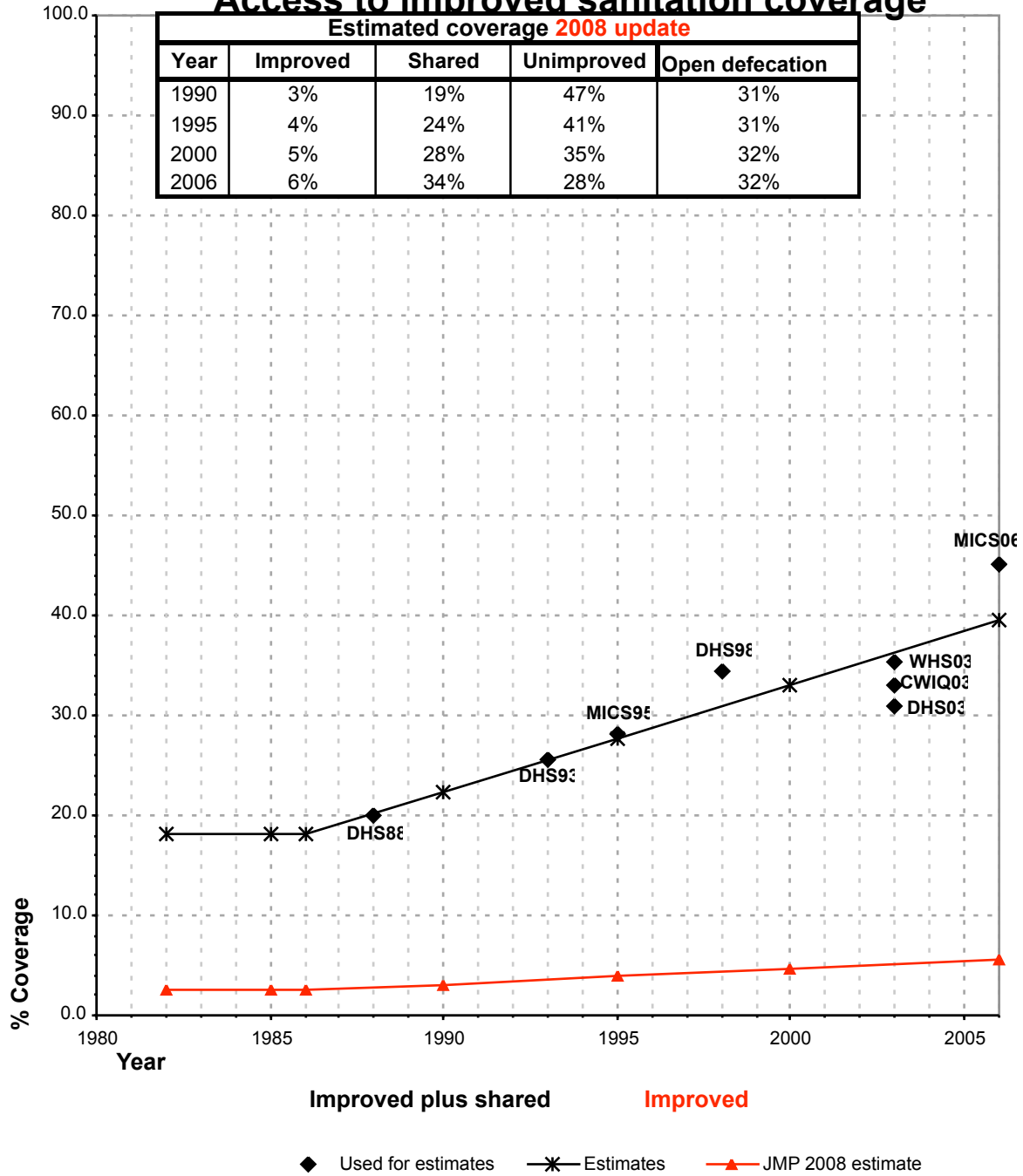
✱ Estimates

▲ JMP 2008 estimate

**Shared facilities :**

The proportion of the population using a shared improved sanitation facility is based on the MICS0

# Ghana - rural - Access to improved sanitation coverage



**Shared facilities :**  
 The proportion of the population using a shared improved sanitation facility is based on the MICS06