



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Ethiopia

Urban and Rural Sanitation - Ethiopia

Census				
SANITATION	Urban		Rural	
Has Toilet	838365	57%	549014	6%
* Flush toilet private	51146	3%		
* Flush toilet shared	30324	2%		
* Pit private	358778	24%		
* Pit shared	398117	27%		
Has No Toilet	627597	43%	8688914	94%
Not Stated	16627	1%	46212	0%
TOTAL	1465962	100%	9284140	100%
Improved latrines based on ratio WHS03	588696	40%	260451.8	3%
% Use of an improved sanitation facility	46%	46%	3%	3%

The 1994 Population and Housing Census of Ethiopia, 1994

WMS 1998			
Sanitation	Urban	Rural	Total
Flush toilet	4.4	0.9	1.4
Pit latrine	63.3	6.6	14.6
Container from household items	0.9	0.2	0.3
Field/ forest	30.6	92.0	83.3
Others	0.8	0.4	0.4
TOTAL	100.0	100.1	100.0
Improved latrines based on ratio WHS03	49.2	3.1	
% Use of an improved sanitation facility	54%	4%	

Source: 1998 Welfare Monitoring Survey, Central Statistical Authority, Addis Ababa, November 1999

Poverty situation in Ethiopia 1999			
Sanitation	Urban	Rural	Total
Flush toilet	2.3	0.5	0.9
Pit latrines	56.4	3.5	12.6
People using containers - bag	0.2	0.1	0.1
Field Forest	40.9	95.8	84.0
Other	0.2	0.1	2.4
TOTAL	100.0	100.0	100.0
Improved latrines based on ratio WHS03	43.9	1.7	
% Use of an improved sanitation facility	46%	2%	

Source: Ministry of Economic Development and Cooperation

DHS				2000			
Sanitation				Urban	Rural	Total	
Own flush toilet	1.9	0.0	0.3				
Traditional pit toilet*	66.3	7.9	17.4				
Vent. Improved pit latrine*	1.9	0.0	0.3				
No facility/ bush	29.9	92.0	81.9				
TOTAL	100.0	99.9	99.9				
Improved latrines based on ratio WHS03	53.0	3.7					
% Use of an improved sanitation facility	55%	4%					

WMS				2000			
Sanitation				Urban	Rural	Total	
Flush toilet	7.0	0.8	1.7				
Pit latrine	64.6	8.1	16.3				
Container from household items	0.7	0.0	0.1				
Field/ forest	26.9	90.7	81.5				
Others	0.8	0.4	0.5				
TOTAL	100.0	100.0	100.1				
Improved latrines based on ratio WHS03	50.2	3.8					
% Use of an improved sanitation facility	57%	5%					

Source: 2000 Welfare Monitoring Survey, Central Statistical Authority, Addis Ababa

WHS			2003	
SANITATION	Urban	Rural		
Private domestic connection to sewage system	2.0	0.3		
Shared domestic connection to sewage system	1.4	0.1		
Private flush to septic tank	4.3	0.3		
Shared flush to septic tank	0.7	0.0		
Private pour flush latrine	4.5	0.2		
Shared pour flush latrine	2.2	0.1		
Private covered dry latrine (with privacy)	28.9	7.5		
Shared covered dry latrine (with privacy)	19.1	1.3		
Uncovered dry latrine (without privacy)	15.6	10.1		
Bucket latrine (where fresh excreta are manually removed)	0.5	0.1		
No facilities (open defecation)	17.2	79.3		
Other	3.5	0.6		
TOTAL	100.0	100.0		
Ratio of improved latrines/all latrines	0.78	0.47		
% Use of an improved sanitation facility	63%	10%		
% Sewerage connections	2%	0%		

Source: World Health Survey, WHO, 2003.

WMS				2004
Sanitation	Urban	Rural	Total	
Flush toilet	8.8	1.3	2.5	
Pit latrine	71.4	20.0	28.1	
Container from household items	0.3	0.2	0.2	
Field/ forest	19.2	78.2	68.9	
Others	0.3	0.2	0.2	
TOTAL	100.0	100.0	99.9	
Improved latrines based on ratio WHS03	55.5	9.5		
% Use of an improved sanitation facility	64%	11%		

Source: 2004 Welfare Monitoring Survey, Central Statistical Authority, Addis Ababa

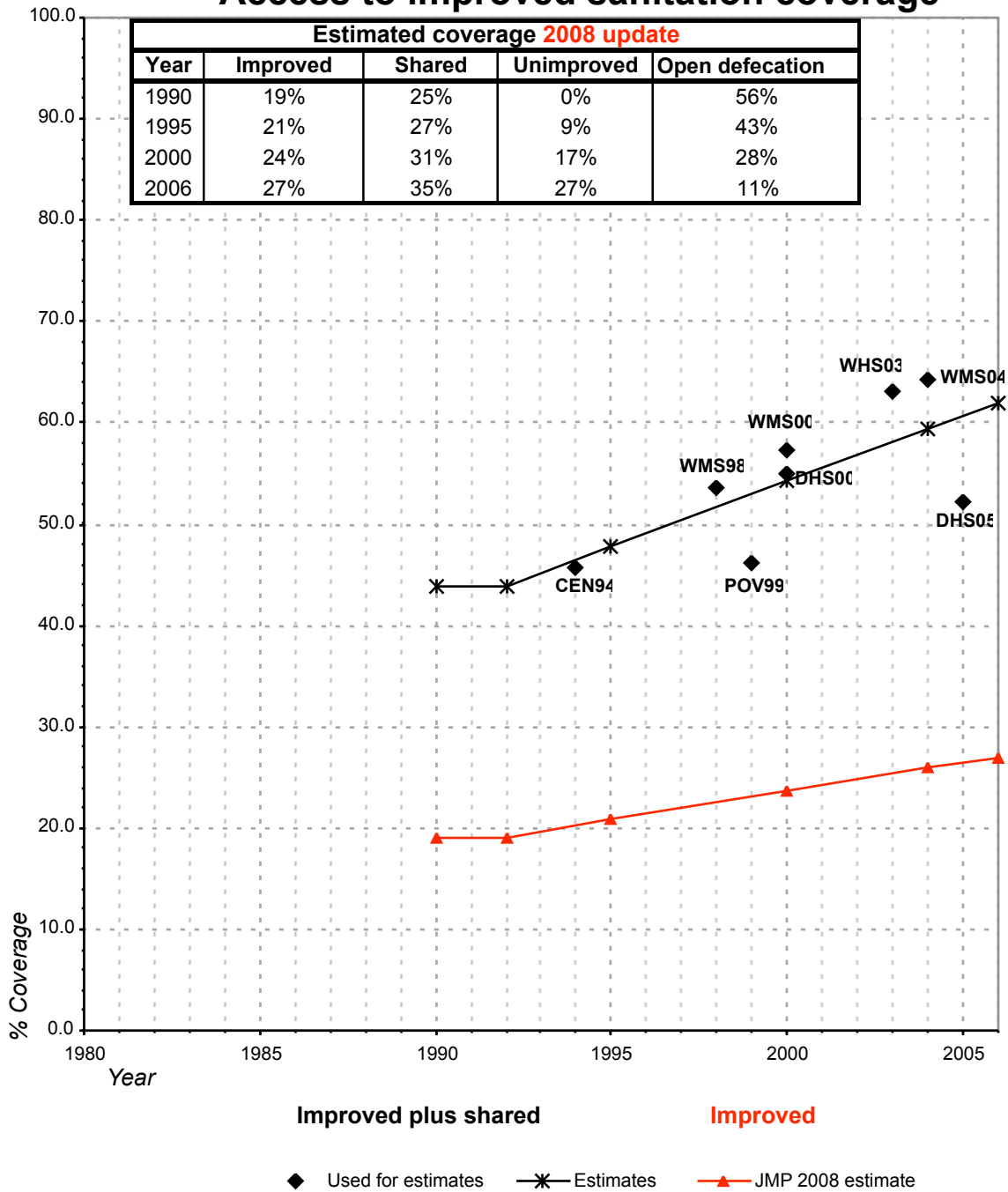
DHS		2005	
facilities	0.56	0.18	
Sanitation	Urban	Rural	
Flush to piped sewer system	1.4	0.0	
Flush to septic tank	1.8	0.0	
Flush, don't know where	0.3	0.1	
Flush to pit latrine	4.3	1.2	
Ventilated improved pit latrine (VIP)	3.8	0.5	
Pit latrine with slab	38.1	1.2	
Composting toilet	2.6	3.7	
Flush to somewhere else	0.2	0.0	
Pit latrine without slab / open pit	35.7	24.1	
Bucket toilet	0.1	0.0	
Hanging toilet / hanging latrine	0.3	0.0	
No facility / bush / field	11.3	69.2	
OTHER	0.1	0.0	
TOTAL	100.0	100.0	
% Use of an improved sanitation facility	52%	7%	
% Sewerage connections	1%	0%	

Estimate		FORM6/WHO	
Sanitation	Urban	Rural	
Population served with household connections to conventional sewers	391	0	
Population without household connections but served with adequate, private or shared on-site system	3633	2635	
Total population served	4024	2635	
Total population unserved	3012	41707	
Total population	7036	44342	
access to improved sanitation	57%	6%	
% Sewerage connections	6%	0%	

Source: Ethiopia DHS 2005

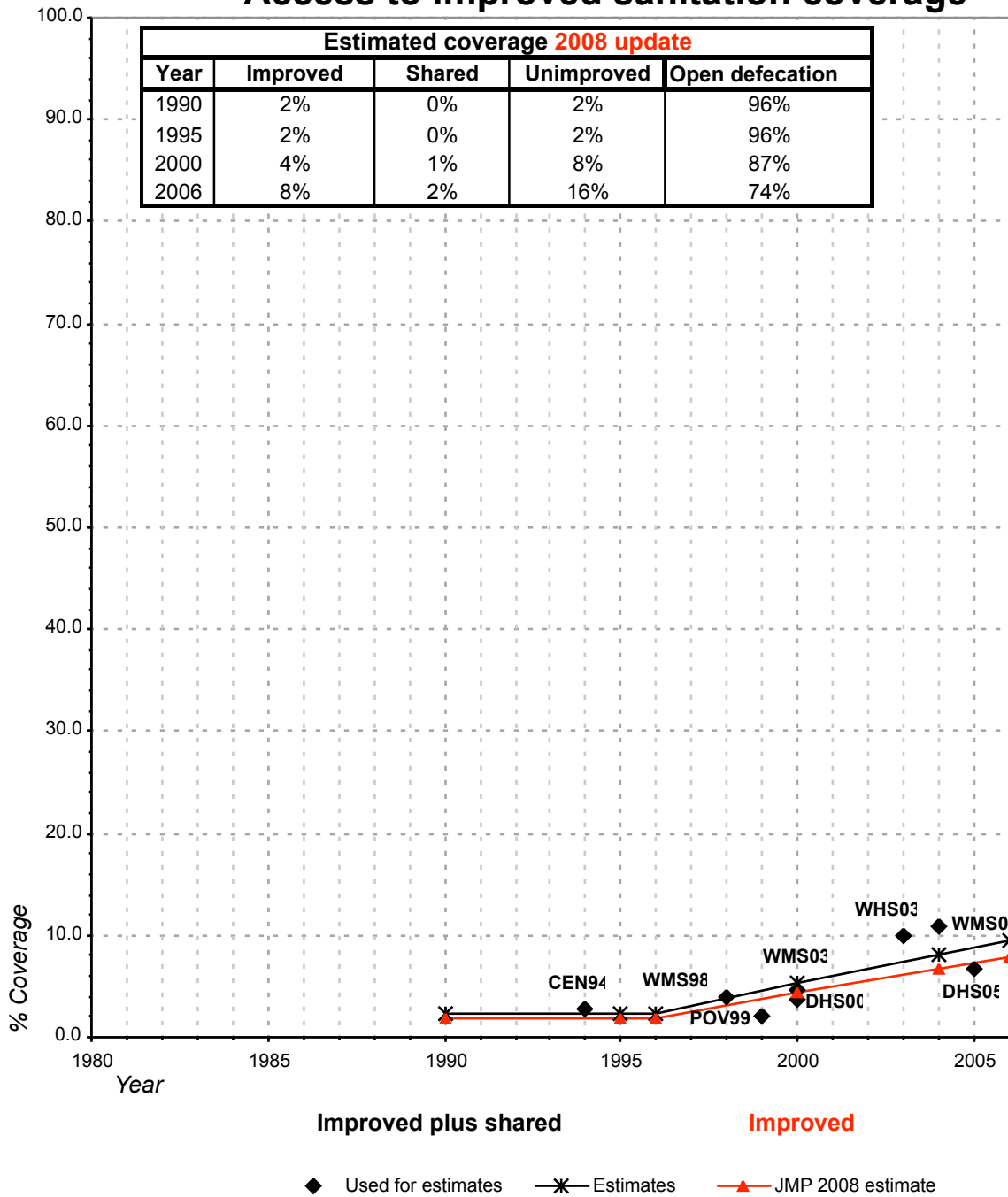
Ethiopia			SANITATION								OPEN DEFECACTION			
			URBAN				RURAL							
			HC	Total		HC	Total		Urban	Rural				
Source	Code	Year	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985		7.0		96.0								
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988		7.0		97.0					7.0			
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				76.0					7.0			
	CEN94	1994			45.7					2.8			42.8	93.6
Data Compilation & Analysis Project	DCAP96	1996												
1998 Welfare Monitoring Survey, Central Statistical Authority, Addis Ababa, November 1999	WMS98	1998			53.6					4.0			30.6	92.0
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		6.0		57.0			0.0		6.0			
Poverty Situation in Ethiopia, 1999	POV99	1999			46.2					2.2			40.9	95.8
Ethiopia, Demographic and Health Survey, 2000	DHS00	2000			54.9					3.7			29.9	92.0
	WMS00	2000			57.2					4.6			26.9	90.7
World Health Survey, WHO, 2003.	WHS03	2003	2.0		63.1			0.3		9.9			17.2	79.3
	WMS04	2004			64.3					10.8			19.2	78.2
	DHS05	2005	1.4		52.3			0.0		6.7			11.3	69.2

Ethiopia - urban - Access to improved sanitation coverage



Shared facilities :
The proportion of the population using a shared improved sanitation facility is based on the DHS05

Ethiopia - rural - Access to improved sanitation coverage



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