



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Ecuador

DHS		1987	
SANITATION	Urban	Rural	
Sanitation with domestic connection	68.4	6.6	
Sanitation with septic tank	9.4	10.8	
Simple pit	16.4	35.4	
No facilities	4.8	30.2	
Other	1.0	17.0	
TOTAL	100.0	100.0	
Simple pit considered improved based on WHS03	13.2	30.7	
%Use of an improved sanitation facility	91%	48%	
% Sewerage connections	68%	7%	
Open defecation	5%	30%	

Source: Ecuador Demographic and Health Survey, 1987

ENDEMAIN		1994		
SANITATION	Urban	Rural	Total	
Excusado uso exclusivo	63.6	22.0	45.8	
Excusado uso comun	12.8	5.2	9.6	
Letrina	13.4	33.3	21.9	
No tiene	4.1	30.6	15.4	
Otro	6.1	8.9	7.3	
TOTAL	100.0	100.0	100.0	
Letrina considered improved based on WHS03	10.8	28.9		
%Use of an improved sanitation facility	87%	56%		
% Sewerage connections				
Open defecation	4%	31%		

Source: ENDEMAIN-94, CEPAR/USAID/CDC/UNFPA

Urban and Rural Sanitation - Ecuador

Survey

ECV 1998		
SANITATION	Urban	Rural
Excusado y Alcantarilado	57.0	12.8
Excusado y pozo septico	22.4	17.9
Excusado y pozo ciego	10.5	23.5
Letrina	4.0	18.1
No tiene	6.2	27.9
TOTAL	100.1	100.1
Excusado and pozo ciego and letrina considered improved based on WHS03	11.7	36.1
%Use of an improved sanitation facility	91%	67%
% Sewerage connections	57%	13%

Open defecation 6% 28%

Source: *Desigualdades en el acceso, uso y gasto con el agua potable en America Latina y el Caribe, Ecuador, PAHO, Feb 2001*, based on

ENDEMAIN 1999			
SANITATION	Urban	Rural	Total
Excusado, Alcantarilado	66.8	15.3	46.0
Excusado, pozo septico	25.0	34.5	28.9
Letrina	6.4	24.8	13.9
Ninguno	1.4	23.1	10.2
Otro	0.4	2.3	1.0
TOTAL	100.0	100.0	100.0
Letrina considered improved based on WHS03	5.1	21.5	
%Use of an improved sanitation facility	97%	71%	
% Sewerage connections	67%	15%	

Open defecation 1% 23%

Source: *Ecuador, CEPAR, ENDEMAIN-99*

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WHS		2003	
facilities	2.8%	5.2%	
SANITATION	Urban	Rural	
Private domestic connection to sewage system	72.0	53.4	
Shared domestic connection to sewage system	1.5	0.6	
Private flush to septic tank	17.5	15.4	
Shared flush to septic tank	0.6	1.2	
Private pour flush latrine	1.0	4.1	
Shared pour flush latrine	0.2	0.3	
Private covered dry latrine (with privacy)	4.0	12.4	
Shared covered dry latrine (with privacy)	0.2	1.6	
Uncovered dry latrine (without privacy)	1.2	2.5	
Bucket latrine (where fresh excreta are manually removed)	0.2	0.3	
No facilities (open defecation)	1.3	6.9	
Other	0.3	1.4	
TOTAL	100.0	100.0	
Ratio improved latrines/all latrines	0.80	0.87	
%Use of an improved sanitation facility	92%	70%	
% Sewerage connections	74%	54%	
Open defecation	1%	7%	

Source: World Health Survey, WHO, 2003.

Urban and Rural Sanitatio

Census

CENSUS			1990
(Population in thousands)			
SANITATION	Urban	Rural	
Connection to Public Sewerage System	3196	359	
Septic Tank/Domestic Latrine	1423	1121	
Other	727	2822	
Total Population Served	4619	1480	
TOTAL	5346	4302	
Access to improved sanitation	86%	34%	
% Private sewerage connecti	644%	241%	

Open defecation

Source; 1990 census as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1990

Estimate

FORM6/WHO			1999
(Population in thousands)			
SANITATION	Urban	Rural	
Population served with household connections to conventional sewers	4687	473	
connections but served with adequate, private or shared on-site	694	1208	
Total population served	5381	1681	
Total population unserved	2254	2859	
Total population	7635	4540	
Access to improved sanitation	70%	37%	
% House connections	61%	10%	

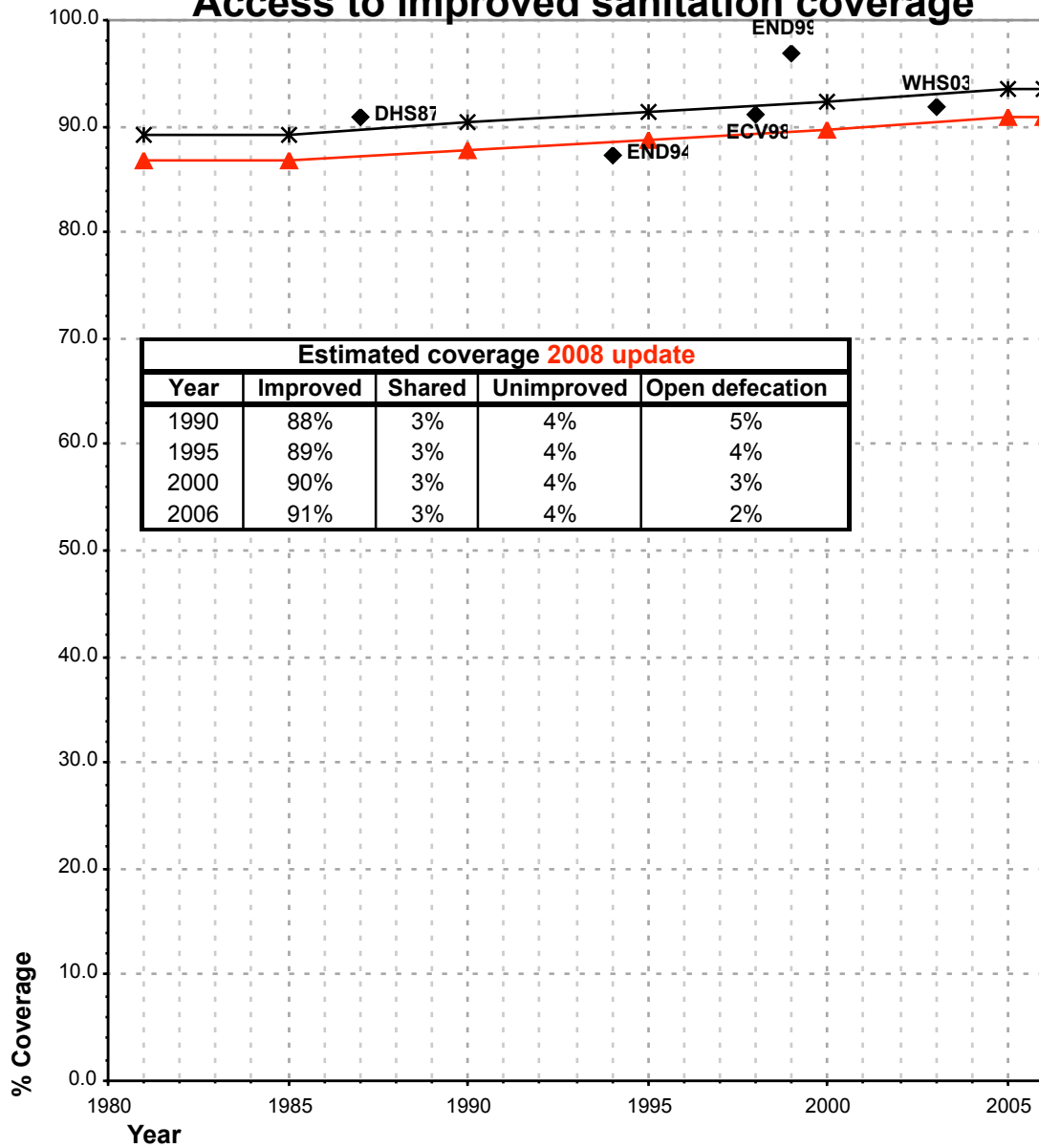
Open defecation

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

n - Ecuador

Ecuador			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	WHO 80	1980		36.0		39.0				14.0						
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO 83	1983		58.0		64.0				26.0						
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO 85	1985		63.0		77.0				29.0						
Ecuador Demographic and Health Survey,1987	DHS87	1987	68.4		91.0		6.6		48.1		4.8		30.2			
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988		62.0		75.0				34.0						
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990		44.0		63.0				38.0						
1990 census as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 4 sent to WHO)	CEN90	1990	643.7			86.4	241.2			34.4						
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				56.0				38.0						
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1993				87.0				34.0						
ENDEMAIN-94, CEPAR/USAID/CDC/UNFPA	END94	1994			87.2				56.1		4.1		30.6			
Desigualdades en el acceso, uso y gasto con el agua potable en America Latina y el Caribe, Ecuador, PAHO, Feb 2001, based on ECV 1998	ECV98	1998	57.0		91.1		12.8		66.7		6.2		27.9			
Ecuador, CEPAR, ENDEMAIN-99	END99	1999	66.8		96.9		15.3		71.3		1.4		23.1			
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1998		61.4		70.0		10.4		37.0						
World Health Survey, WHO, 2003.	WHS03	2003	73.5		91.8		54.0		70.2		1.3		6.9			

Ecuador - urban - Access to improved sanitation coverage



Improved plus

Improved

◆ Used for estimates

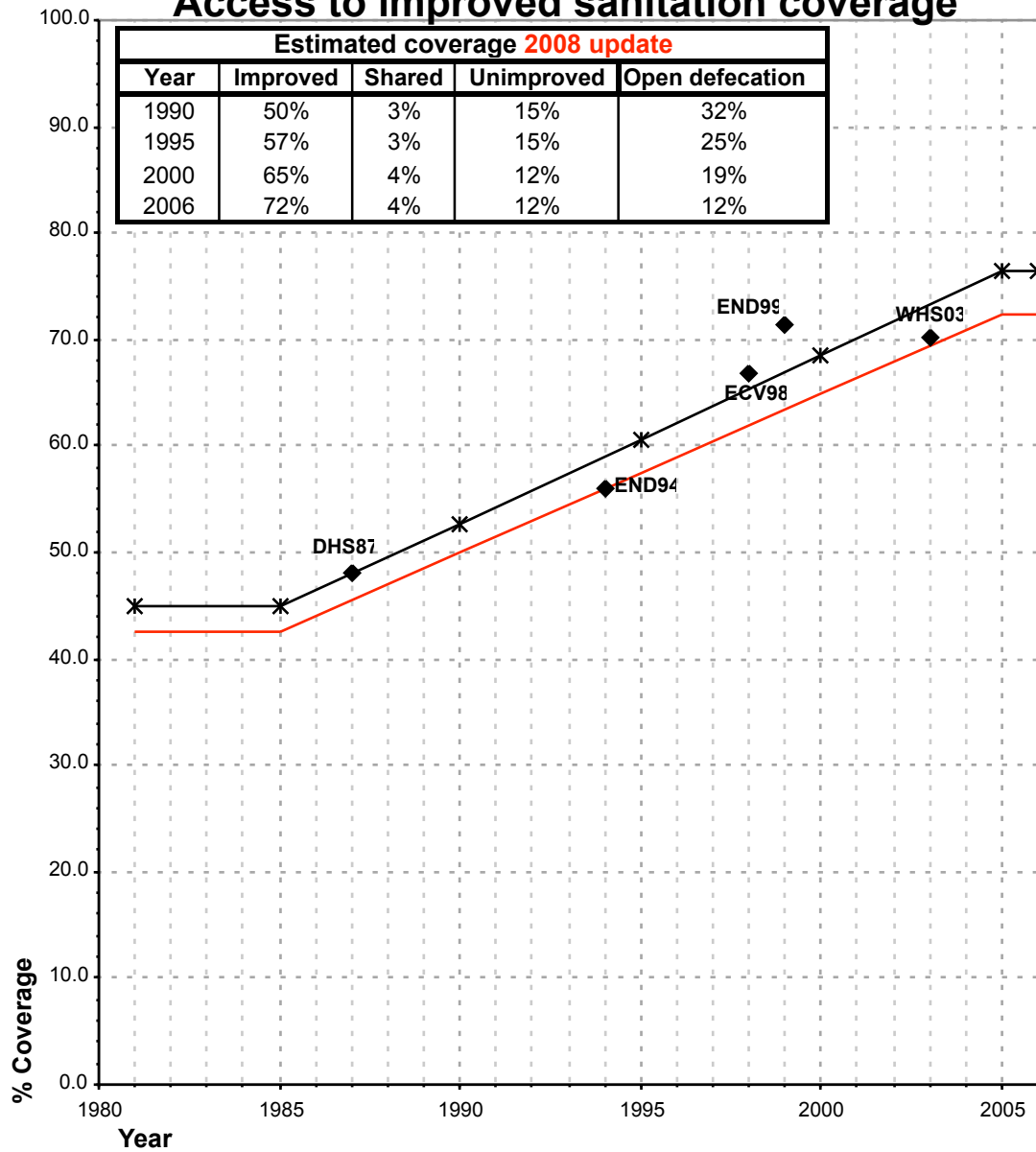
✱ Estimates

▲ JMP 2008 Estimate

Total access :

Sewerage connections :

Ecuador - rural - Access to improved sanitation coverage



Total access :

Sewerage connections :