



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Kazakhstan

Kazakhstan

DHS	1995	
	Urban	Rural
SANITATION		
Own Flush Toilet	72.8	2.4
Shared Flush Toilet	0.3	0.0
Ventilated Improved Pit Latrine	0.2	0.0
Traditional Pit Toilet	26.6	95.9
No Facilities/Bush	0.1	1.7
TOTAL	100.0	100.0
Traditional pit considered improved based on MICS 2006	26.3	94.9
Flush to sewerage based on MICS 2006	69.4	2.3
% Use of an improved sanitation facility	100%	97%
% Sewerage connections	69%	2%

Source: DHS 1995, Kazakhstan

LSS	1996	
	Urban	Rural
SANITATION		
Separate toilet in the apt.	58.9	5.6
In the ap., but n. sep.	12.6	2.2
Comm. toilet in building	1.6	1.5
Comm. toilet in yard	26.2	89.8
No toilet at all	0.6	0.8
TOTAL	99.9	99.9
Comm. Toilet in yard improved based on MICS 2006	25.9	88.9
Flush to sewerage based on MICS 2006	69.4	8.8
% Use of an improved sanitation facility	99%	98%
% Sewerage connections	69%	9%

Report

Surveys

DHS		1999	
SANITATION	Urban	Rural	
Flush toilet	80.8	4.9	
Traditional pit toilet	19.1	94.1	
No facility/bush	0.1	1.0	
Other	0.0	0.1	
TOTAL	100.0	100.1	
Traditional pit considered improved based on MICS 2006	18.9	93.2	
Flush to sewerage based on MICS 2006	76.8	2.7	
% Use of an improved sanitation facility	100%	98%	
% Sewerage connections	77%	3%	

Source: Kazakhstan Demographic and Health Survey 1999.

WHS		2003	
SANITATION	Urban	Rural	
Private domestic connection to sewage system	77.0	14.2	
Shared domestic connection to sewage system	0.5	0.1	
Private flush to septic tank	2.2	8.5	
Shared flush to septic tank	0.0	0.2	
Private pour flush latrine	0.5	1.9	
Shared pour flush latrine	0.0	0.0	
Private covered dry latrine (with privacy)	18.0	71.7	
Shared covered dry latrine (with privacy)	1.6	1.7	
Uncovered dry latrine (without privacy)	0.2	1.0	
Bucket latrine (where fresh excreta are manually removed)	0.0	0.6	
No facilities (open defecation)	0.0	0.0	
Other	0.0	0.0	
TOTAL	100.0	100.0	
% Use of an improved sanitation facility	100%	98%	
% Sewerage connections	78%	14%	

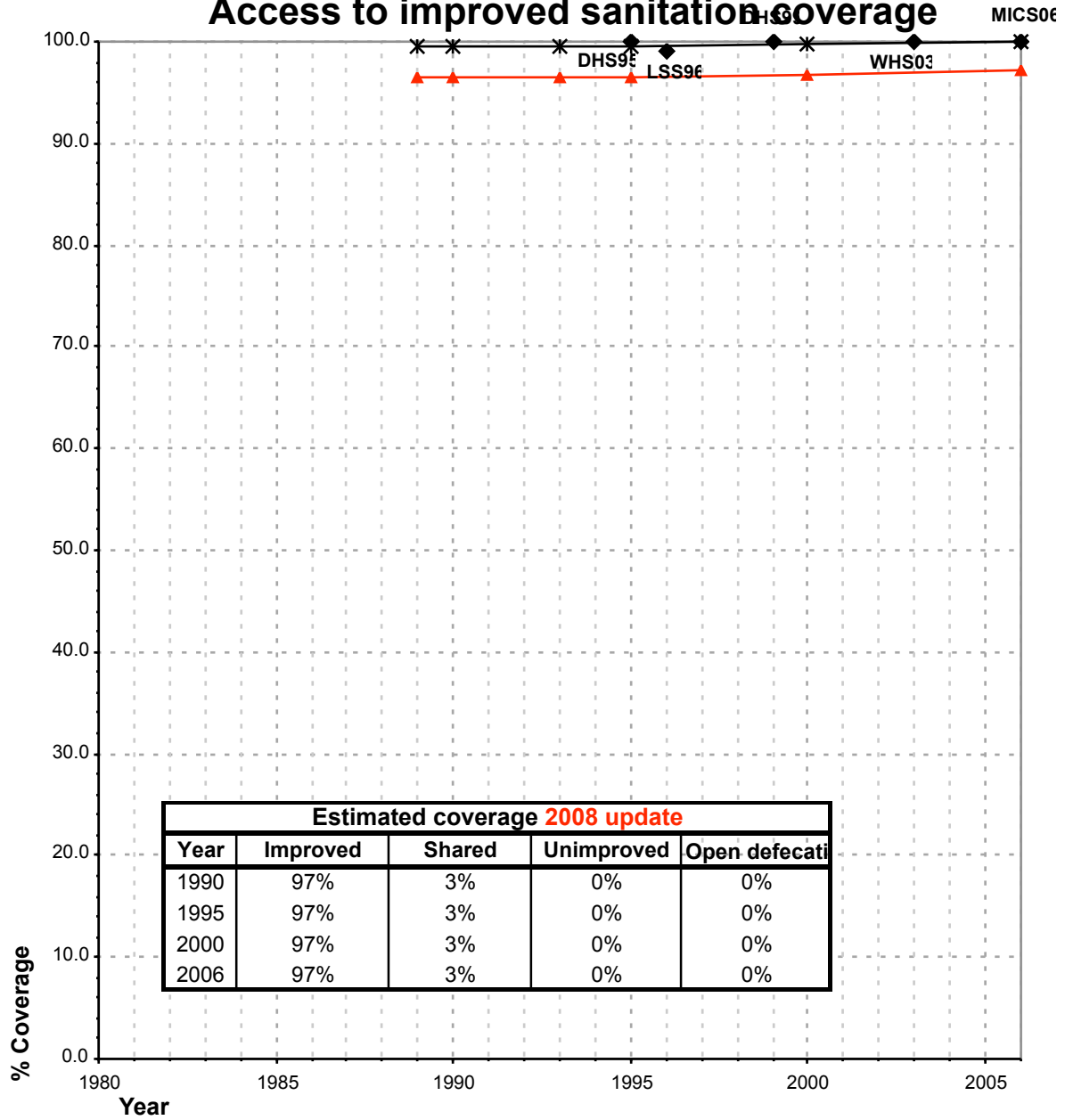
Source: World Health Survey, WHO, 2003.

MICS		2006	
Proportion shared improved facilities/all improved facilities	0.03	0.01	
SANITATION	Urban	Rural	
Flush to piped sewer system	60.7	2.1	
Flush to septic tank	1.6	1.5	
Flush to pit (latrine)	1.3	0.2	
Ventilated Improved Pit latrine (VIP)	0.4	0.1	
Pit latrine with slab	35.5	94.8	
Composting toilet	0.0	0.1	
Pit latrine without slab/open pit	0.0	0.3	
Bucket	0.1	0.1	
Hanging toilet/hanging latrine	0.4	0.5	
No facilities or bush or field	0.0	0.1	
Other			
TOTAL	100.0	99.8	
Ratio improved non flush pit latrines	0.99	0.99	
Ratio flush to sewerage/all flush	0.95	0.55	
% Use of an improved sanitation facility	100%	99%	
% Sewerage connections	61%	2%	

Source: Kazakhstan Multiple Cluster Indicator Survey, 2006.

Kazakhstan			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
Kazakhstan Demographic and Health Survey 1995.	DHS95	1995	69.0		100.0		2.0		97.0		0.1		1.7	
Living Standards Measurement Survey, Kazakstan 1996, Final Report	LSS96	1996	69.0		99.0		9.0		98.0		0.6		0.8	
Kazakhstan Demographic and Health Survey 1999.	DHS99	1999	77.0		100.0		3.0		98.0		0.1		1.0	
World Health Survey, WHO, 2003.	WHS03	2003	78.0		100.0			14.0	98.0		0.0		0.0	
Kazakhstan, Multiple Cluster Indicator Survey, 2006	MICS06	2006	61.0		100.0		2.0		99.0		0.0		0.1	

Kazakhstan - urban - Access to improved sanitation coverage



Improved plus shared

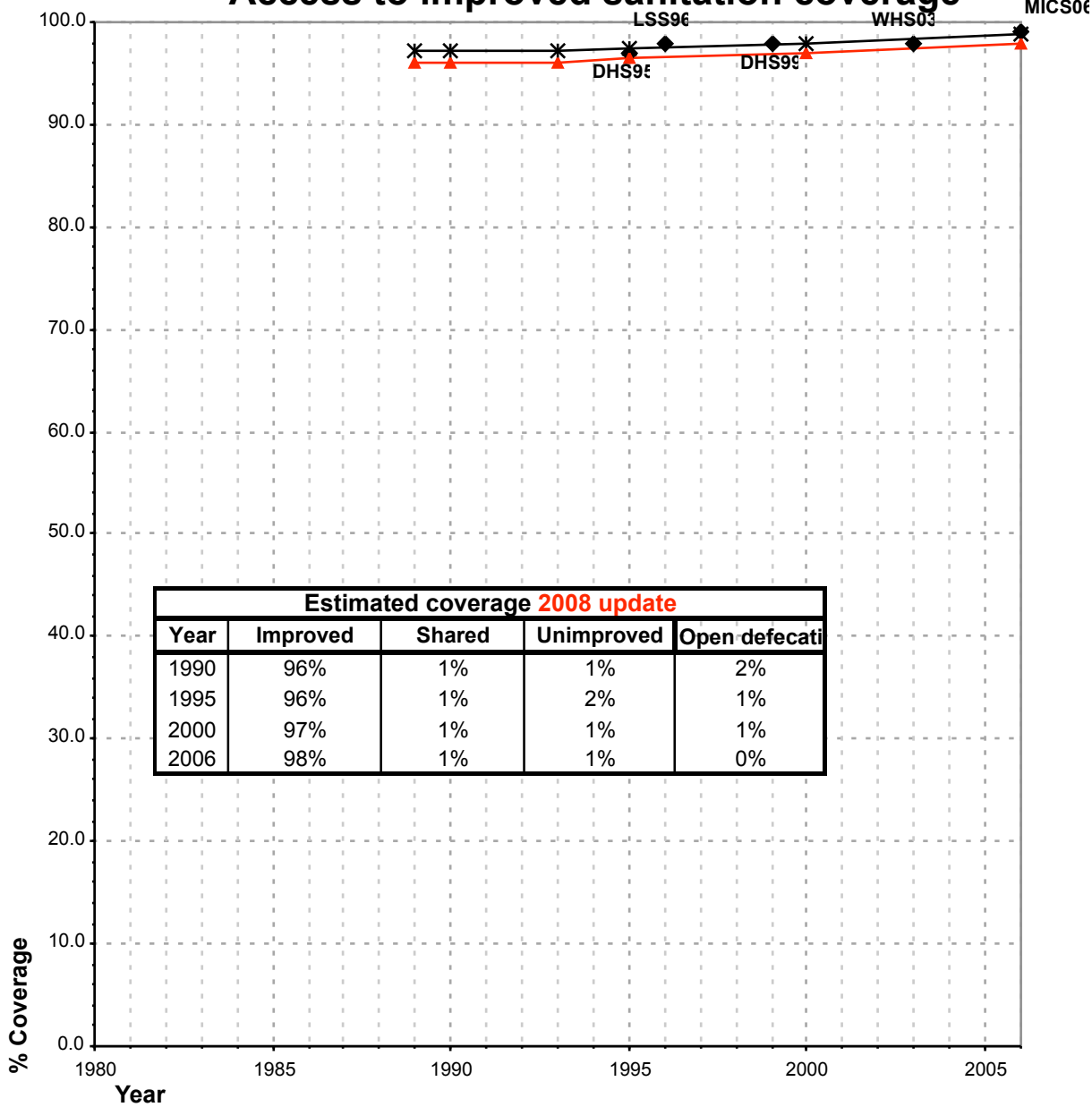
Improved

◆ Used for estimates ✱ Estimates ▲ JMP 2008 estimate

Shared facilities :

The proportion of the population using a shared improved sanitation facility is based on the MICS 0

Kazakhstan - rural - 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 MICS 0