



**WHO / UNICEF**

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

Coverage Estimates  
**Improved Sanitation**

Updated in July 2008

---

**Bosnia and Herzegovina**

---

<b>MICS</b>			<b>2000</b>		
<b>SANITATION</b>	<b>Urban</b>	<b>Rural</b>			
Flush to sewage system or septic tank	97.3	73.2			
Pour flush latrine (water seal type)	1.0	5.3			
Improved pit latrine (VIP)	0.5	7.2			
Traditional pit latrines	0.3	4.5			
Open pit	0.9	9.6			
Bucket	0.0	0.0			
Other	0.0	0.1			
No facilities, bush, field	0.0	0.1			
TOTAL	100.0	100.0			
Improved latrines based on WHS03	0.3	4.2			
Flush to sewerage based on ratio LSMS 2001	78.8	28.0			
<b>% Use of an improved sanitation facility</b>	<b>99%</b>	<b>90%</b>			
<b>% Sewerage connections</b>	<b>79%</b>	<b>28%</b>			
<b>% Open defecation</b>	<b>0%</b>	<b>0%</b>			

Source: Multiple Indicator Cluster Survey, Bosnia and Herzegovina, 2000.

<b>LSMS</b>			<b>2001</b>		
<b>SANITATION</b>	<b>Urban</b>	<b>Rural</b>			
public sewers	73.9	26.9			
septic tank	17.3	43.5			
latrine only	7.8	27.4			
nothing	1.0	2.2			
TOTAL	100.0	100.0			
ratio sewers of septic tank and sewers	0.81	0.38			
Improved latrines based on WHS03	7.8	25.8			
<b>% Use of an improved sanitation facility</b>	<b>99%</b>	<b>96%</b>			
<b>% Sewerage connections</b>	<b>74%</b>	<b>27%</b>			
<b>% Open defecation</b>	<b>1%</b>	<b>2%</b>			

Source: LIVING STANDARDS MEASUREMENT STUDY SURVEY, Bosnia and Herzegovina, 2001

The sample for this LSMS has been divided into urban, mixed and rural municipalities.

Only urban and rural are reported here.

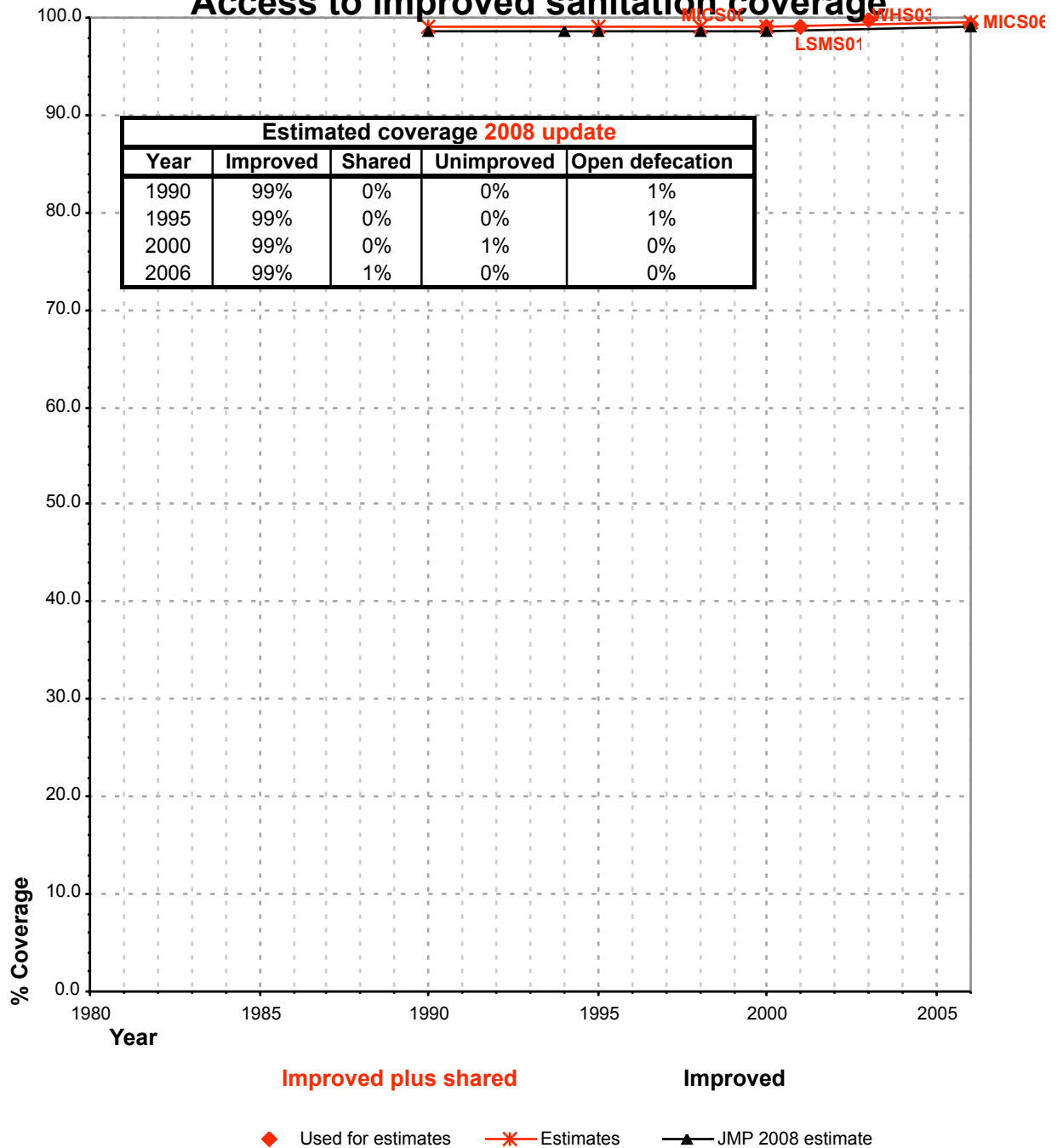
## Bosnia and Herzegovina

WHS		2003	
Proportion shared improved facilities/all improved facilities		0.00	0.01
SANITATION		Urban	Rural
Private domestic connection to sewage system		85.5	49.0
Shared domestic connection to sewage system		0.5	0.1
Private flush to septic tank		11.6	29.8
Shared flush to septic tank		0.0	0.1
Private pour flush latrine		2.3	14.4
Shared pour flush latrine		0.0	0.4
Private covered dry latrine (with privacy)		0.0	3.9
Shared covered dry latrine (with privacy)		0.0	0.6
Uncovered dry latrine (without privacy)		0.0	1.2
Bucket latrine (where fresh excreta are manually removed)		0.2	0.5
Other		0.0	0.0
No facilities (open defecation)		0.0	0.1
TOTAL		100.0	99.9
Ratio of improved latrines		1.00	0.94
<b>% Use of an improved sanitation facility</b>		<b>100%</b>	<b>98%</b>
<b>% Sewerage connections</b>		<b>86%</b>	<b>49%</b>
<b>% Open defecation</b>		<b>0%</b>	<b>0%</b>
<i>Source: World Health Survey, WHO, 2003.</i>			

<b>MICS</b>		<b>2006</b>	
Proportion shared improved facilities/all improved facilities		0.01	0.01
<b>SANITATION</b>		<b>Urban</b>	<b>Rural</b>
Flush to piped sewer system		77.2	22.4
Flush to septic tank		20.1	57.5
Flush to pit (latrine)		0.2	0.8
Ventilated Improved Pit latrine (VIP)		0.0	0.1
Pit latrine with slab		0.3	1.8
Composting toilet		1.0	7.2
Flush to somewhere else		0.6	7.8
Flush to unknown place/not sure/DK where		0.5	0.6
Pit latrine without slab/open pit		0.0	0.9
Hanging toilet/hanging latrine		0.0	0.2
Other		0.0	0.6
No facilities or bush or field		0.1	0.1
TOTAL		100.0	100.0
<b>% Use of an improved sanitation facility</b>		<b>99%</b>	<b>90%</b>
<b>% Sewerage connections</b>		<b>77%</b>	<b>22%</b>
<b>% Open defecation</b>		<b>0%</b>	<b>0%</b>
<i>Source: Bosnia MICS 2006</i>			

Bosnia and Herzegovina			SANITATION												
			URBAN				RURAL				OPEN DEFECCATION				
			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	
Multiple Indicator Cluster Survey, Bosnia and Herzegovina, 2000.	MICS00	2000			99.1					89.9		0.0		0.1	
LIVING STANDARDS MEASUREMENT STUDY SURVEY, Bosnia and Herzegovina, 2001	LSMS01	2001	73.9		99.0		26.9		96.2		1.0		2.2		
World Health Survey, WHO, 2003.	WHS03	2003	86.0		99.8		49.1		98.2		0.0		0.1		
	MICS06	2006	77.2		99.3		22.4		90.4		0.1		0.1		

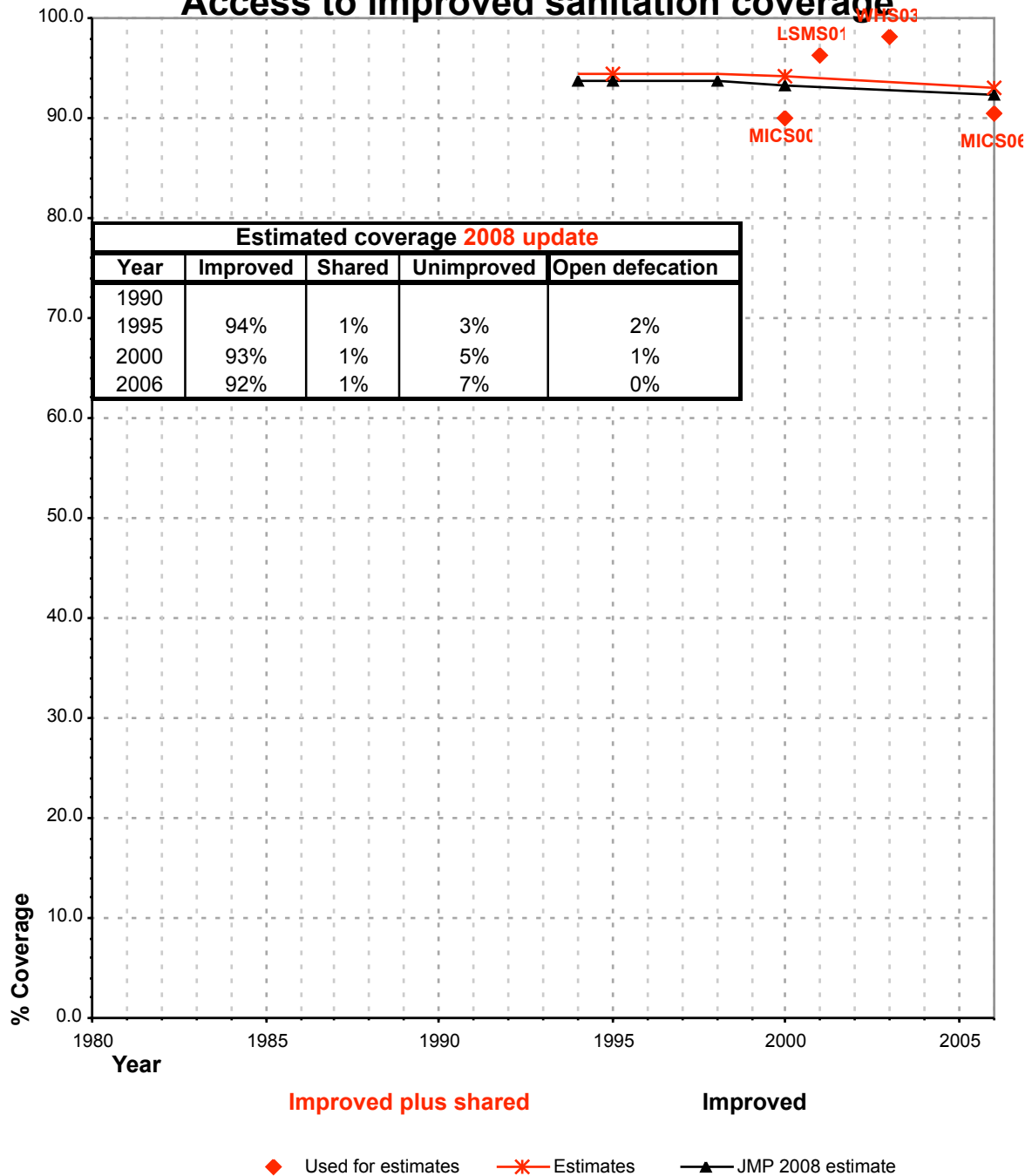
# Bosnia and Herzegovina - urban - Access to improved sanitation coverage



Estimated coverage 2008 update				
Year	Improved	Shared	Unimproved	Open defecation
1990	99%	0%	0%	1%
1995	99%	0%	0%	1%
2000	99%	0%	1%	0%
2006	99%	1%	0%	0%

**Shared facilities :**  
The proportion of the population using a shared improved sanitation facility is based on the average of the WHS03 and MICS06

# Bosnia and Herzegovina - rural - Access to improved sanitation coverage



**Shared facilities :**  
The proportion of the population using a shared improved sanitation facility is based on the average of the WHS03 and MICS06