

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

**Improved Drinking-Water Sources
and Improved Sanitation Facilities**

Updated March 2010

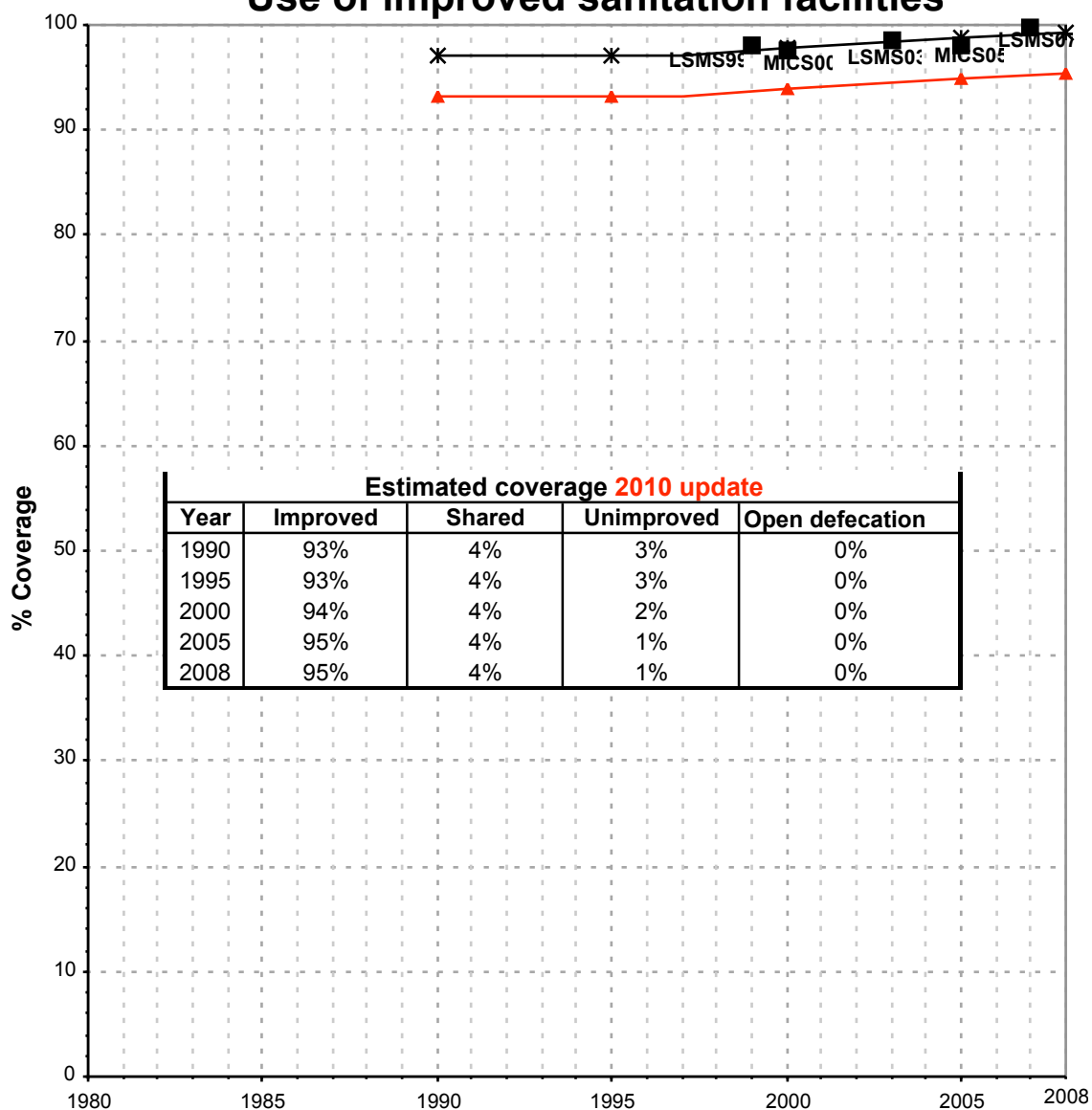
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Use of sanitation facilities		LSMS99			Tajikistan			Use of sanitation facilities		MICS00			Tajikistan		
Living Standards Measurement Survey					Multiple Indicator Cluster Survey										
					1999					2000					
Original denomination	Classification				Urban	Rural	Total	Original denomination	Classification				Urban	Rural	Total
	Flush and pour flush				41.2	3.9			Flush and pour flush				37.4	1.1	
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
	Flush/toilets				41.2	3.9		Flush to sewage system/septic tank	Flush/toilets				33.2	0.7	
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
Private flush toilet	Private flush/toilet				41.0	3.8			Private flush/toilet						
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
Shared flush toilet	Public/shared flush/toilet				0.2	0.1			Public/shared flush/toilet						
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
	Latrines				58.8	96.0			Latrines				66.5	98.1	
	Pour flush latrines							Pour flush latrine	Pour flush latrines				4.2	0.4	
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
	Private pour flush latrine								Private pour flush latrine						
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
	Public/shared pour flush latrine								Public/shared pour flush latrine						
	to piped sewer system								to piped sewer system						
	to septic tank								to septic tank						
	to pit								to pit						
	to unknown place/ not sure/DK								to unknown place/ not sure/DK						
	to elsewhere								to elsewhere						
	Dry latrines				58.8	96.0			Dry latrines				62.3	97.7	
	Improved latrines								Improved latrines				7.6	4.0	
	Ventilated Improved Pit latrine							Improved pit latrine	Ventilated Improved Pit latrine						
	Pit latrine with slab/covered latrine							Traditional pit latrine*	Pit latrine with slab/covered latrine				7.6	4.0	
	Traditional latrine				58.8	96.0		Open pit	Traditional latrine				52.3	82.8	
	Pit latrine without slab/open pit							River	Pit latrine without slab/open pit				2.4	10.9	
	Hanging toilet/hanging latrine								Hanging toilet/hanging latrine				0.0	0.0	
	Bucket latrine								Bucket latrine						
	Other								Other						
	Private Latrines				52.3	91.5			Private Latrines						
	Ventilated Improved Pit latrine								Ventilated Improved Pit latrine						
	Pit latrine with slab/covered latrine								Pit latrine with slab/covered latrine						
	Traditional latrine				52.3	91.5			Traditional latrine						
	Pit latrine without slab/open pit								Pit latrine without slab/open pit						
	Hanging toilet/hanging latrine								Hanging toilet/hanging latrine						
	Bucket latrine								Bucket latrine						
	Other								Other						
	Public/shared Latrines				6.5	4.5			Public/shared Latrines						
	Ventilated Improved Pit latrine								Ventilated Improved Pit latrine						
	Pit latrine with slab/covered latrine								Pit latrine with slab/covered latrine						
	Traditional latrine				6.5	4.5			Traditional latrine						
	Pit latrine without slab/open pit								Pit latrine without slab/open pit						
	Hanging toilet/hanging latrine								Hanging toilet/hanging latrine						
	Bucket latrine								Bucket latrine						
	Other								Other						
	Composting toilets								Composting toilets						
	Composting toilet (private)								Composting toilet (private)						
	Composting toilet (shared)								Composting toilet (shared)						
	Other improved								Other improved						
	Other								Other						
	Other								Other						
	No facility, bush, field							No facilities/bush/field	No facility, bush, field				0.0	1.1	
	Other unimproved				0.0	0.1			Other unimproved				0.0	0.0	
	Other				0.0	0.1		Other	Other				0.0	0.0	
	Other							Missing	Other						
	DK/missing information								DK/missing information				0.3	0.2	
	Total				100.0	100.0			Total				100.0	100.1	
Calculations								Calculations							
	Latrines considered improved based on ratio MICS05				56.8	89.0			Latrines considered improved based on ratio MICS05				52.5	86.7	
Estimations								Estimations							
	SC, based on MICS05				39.2	1.7			SC, based on MICS05				35.6	0.5	
Access to improved sanitation : 98% 93%					Access to improved sanitation : 97% 92%										
Access to sewerage connections : 39% 2%					Access to sewerage connections : 36% 0%										
Used for the estimates Yes Yes					Used for the estimates Yes Yes										
Used for the estimates Yes Yes					Used for the estimates Yes Yes										
Ratios	Shared improved facilities/all improved facilities							Ratios	Shared improved facilities/all improved facilities						
	Improved latrine / All latrines								Improved latrine / All latrines				18%	4%	
	Covered dry latrines / All dry latrines								Covered dry latrines / All dry latrines				12%	4%	
	VIP / All latrines								VIP / All latrines						
	Traditional latrines / All latrines				100%	100%			Traditional latrines / All latrines				79%	84%	
	Improved + traditional latrines / All latrines								Improved + traditional latrines / All latrines				96%	89%	
	Sewerage connection among flush/pour flush								Sewerage connection among flush/pour flush						
	Sewerage connection among flush								Sewerage connection among flush						
	Number of people covered by the survey								Number of people covered by the survey						
	Number of households covered by the survey								Number of households covered by the survey						
	Total population								Total population						
Comments					Comments										

Use of sanitation facilities		LSMS03			Tajikistan			Use of sanitation facilities		MICS05			Tajikistan		
Living Standards Measurement Survey					2003			Multiple Indicator Cluster Survey					2005		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
	Flush and pour flush	61.8	13.6			Flush and pour flush	48.1	2.7							
	to piped sewer system					to piped sewer system	45.8	1.2							
	to septic tank					to septic tank	0.7	0.5							
	to pit					to pit	1.1	1.0							
	to unknown place/ not sure/DK					to unknown place/ not sure/DK	0.5	0.0							
	to elsewhere					to elsewhere	0.0	0.0							
	Flush/toilets	61.8	13.6			Flush/toilets	48.1	2.7							
	to piped sewer system				Flush to piped sewer system	to piped sewer system	45.8	1.2							
	to septic tank				Flush to septic tank	to septic tank	0.7	0.5							
	to pit				Flush to pit (latrine)	to pit	1.1	1.0							
	to unknown place/ not sure/DK				Flush to unknown place/not sure/DK where	to unknown place/ not sure/DK	0.5	0.0							
	to elsewhere				Flush to somewhere else	to elsewhere	0.0	0.0							
WC inside house	Private flush/toilet	60.3	13.2			Private flush/toilet									
	to piped sewer system					to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
WC outside with piping	Public/shared flush/toilet	1.5	0.4			Public/shared flush/toilet									
	to piped sewer system					to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
	Latrines	38.0	83.9			Latrines	51.7	96.7							
	Pour flush latrines					Pour flush latrines									
	to piped sewer system					to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
	Private pour flush latrine					Private pour flush latrine									
	to piped sewer system					to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
	Public/shared pour flush latrine					Public/shared pour flush latrine									
	to piped sewer system					to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
	Dry latrines	38.0	83.9			Dry latrines	51.7	96.7							
	Improved latrines					Improved latrines	49.9	89.6							
	Ventilated Improved Pit latrine				Ventilated Improved Pit latrine (VIP)	Ventilated Improved Pit latrine	0.3	0.1							
	Pit latrine with slab/covered latrine				Pit latrine with slab	Pit latrine with slab/covered latrine	49.6	89.5							
	Traditional latrine	38.0	83.9		Traditional latrine	Traditional latrine									
	Pit latrine without slab/open pit				Pit latrine without slab/open pit	Pit latrine without slab/open pit	1.8	7.1							
	Hanging toilet/hanging latrine				Hanging toilet/hanging latrine	Hanging toilet/hanging latrine									
	Bucket latrine				Bucket	Bucket latrine	0.0	0.0							
	Other				Other	Other									
	Private Latrines					Private Latrines									
	Ventilated Improved Pit latrine					Ventilated Improved Pit latrine									
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine									
	Traditional latrine					Traditional latrine									
	Pit latrine without slab/open pit					Pit latrine without slab/open pit									
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine									
	Bucket latrine					Bucket latrine									
	Other					Other									
	Public/shared Latrines					Public/shared Latrines									
	Ventilated Improved Pit latrine					Ventilated Improved Pit latrine									
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine									
	Traditional latrine					Traditional latrine									
	Pit latrine without slab/open pit					Pit latrine without slab/open pit									
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine									
	Bucket latrine					Bucket latrine									
	Other					Other									
	Composting toilets					Composting toilets									
	Composting toilet (private)					Composting toilet (private)									
	Composting toilet (shared)					Composting toilet (shared)									
	Other improved					Other improved									
	Other					Other									
	Other					Other									
No toilet in the house	No facility, bush, field	0.3	2.3		No facilities or bush or field	No facility, bush, field	0.1	0.5							
	Other unimproved	0.0	0.1			Other unimproved									
	Other	0.0	0.1		Other	Other									
	Other					Other									
	DK/missing information					DK/missing information									
	Total	100.1	99.9			Total	99.9	99.9							
Calculations					Calculations										
	Latrines considered improved based on ratio MICS05	36.7	77.7												
Estimations					Estimations										
	SC, based on MICS05	58.8	6.0												
Access to improved sanitation : 98% 91%					Access to improved sanitation : 98% 92%										
Access to sewerage connections : 59% 6%					Access to sewerage connections : 46% 1%										
Used for the estimates Yes Yes					Used for the estimates Yes Yes										
Used for the estimates Yes Yes					Used for the estimates Yes Yes										
Ratios	Shared improved facilities/all improved facilities					Shared improved facilities/all improved facilities	4.0%	3.0%							
	Improved latrine / All latrines					Improved latrine / All latrines	97%	93%							
	Covered dry latrines / All dry latrines					Covered dry latrines / All dry latrines	96%	93%							
	VIP / All latrines					VIP / All latrines	1%	0%							
	Traditional latrines / All latrines	100%	100%			Traditional latrines / All latrines									
	Improved + traditional latrines / All latrines					Improved + traditional latrines / All latrines									
	Sewerage connection among flush/pour flush					Sewerage connection among flush/pour flush	95.2	44.4							
Sewerage connection among flush					Sewerage connection among flush	95.2	44.4								
Number of people covered by the survey					Number of people covered by the survey										
Number of households covered by the survey					Number of households covered by the survey										
Total population					Total population										
Comments					Comments										

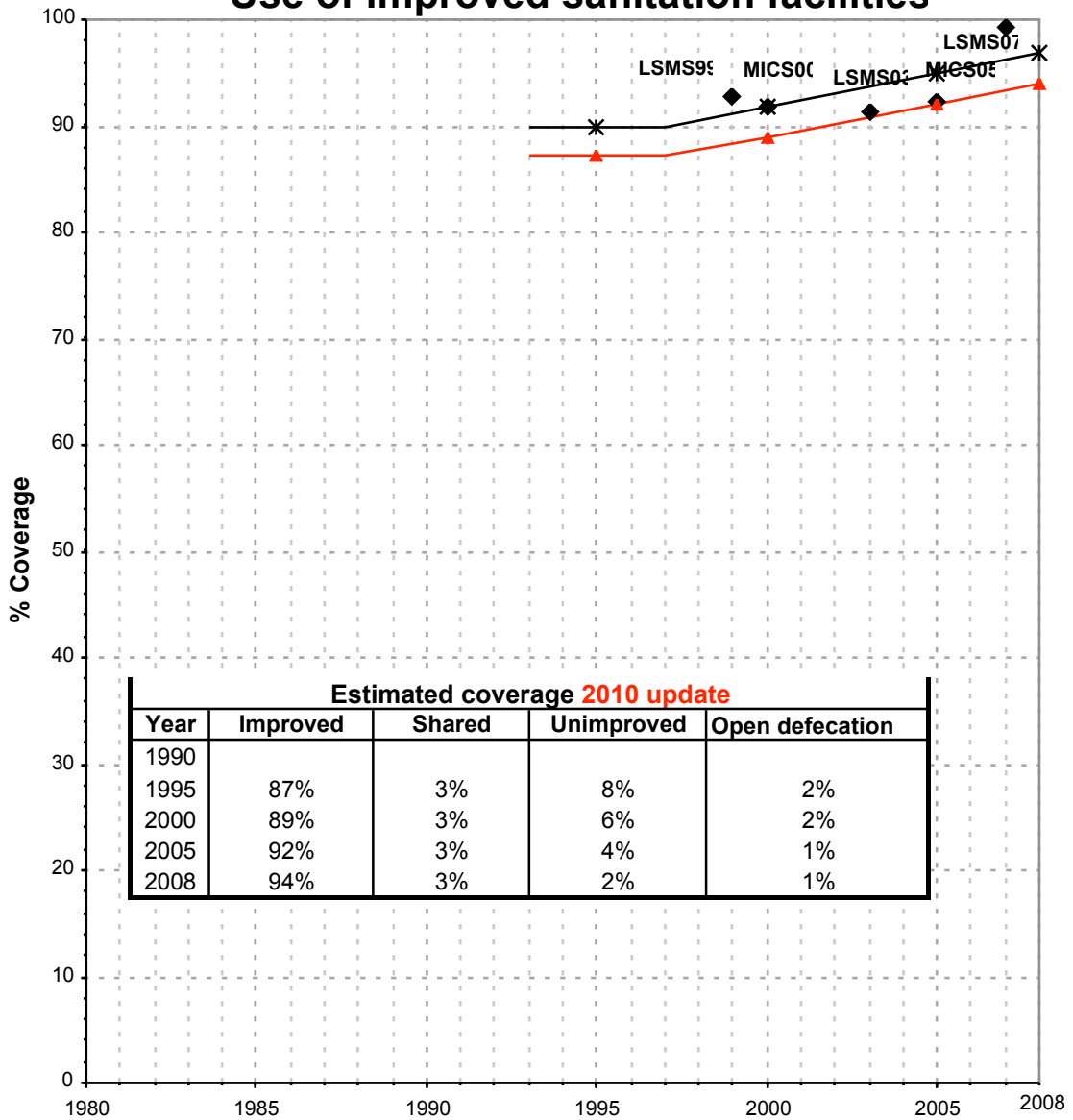
Tajikistan			SANITATION															
			URBAN								RURAL							
			Sewer connection		Total		Open defecation		Shared		Sewer connection		Total		Open defecation		Shared	
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used
Living Standarts Measurement Survey	LSMS99	1999	39.2		98.0						1.7		92.9					
Multiple Indicator Cluster Survey	MICS00	2000	35.6		97.5		0.0				0.5		91.8		1.1			
Living Standarts Measurement Survey	LSMS03	2003	58.8		98.5		0.3				6.0		91.3		2.3			
Multiple Indicator Cluster Survey	MICS05	2005	45.8		98.0		0.1		4.0		1.2		92.3		0.5		3.0	
Living Standrads Measurement Study	LSMS07	2007	44.8		99.7		0.1				1.3		99.3		0.6			

Tajikistan - urban - Use of improved sanitation facilities



■ Used for the estimates * Estimates ▲ JMP 2010 estimate

Tajikistan - rural - Use of improved sanitation facilities



◆ Used for the estimates ✱ Estimates ▲ JMP 2010 estimate

Sanitation

Tajikistan	Sanitation coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1995	2008	1995	2008	1995	2008
Improved facilities	93	95	87	94	89	94
Shared facilities	4	4	3	3	3	3
Unimproved facilities	3	1	8	2	7	2
Open defecation	0	0	2	1	1	1

Source: WHO/UNICEF JMP, 2010

Tajikistan	Urban		Rural		Total	
	1995	2008	1995	2008	1995	2008
Population (x1000)	1,669	1,805	4,107	5,031	5,775	6,836

Source: UN / Population Division, 2008

