

**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

[childinfo.org](http://childinfo.org)

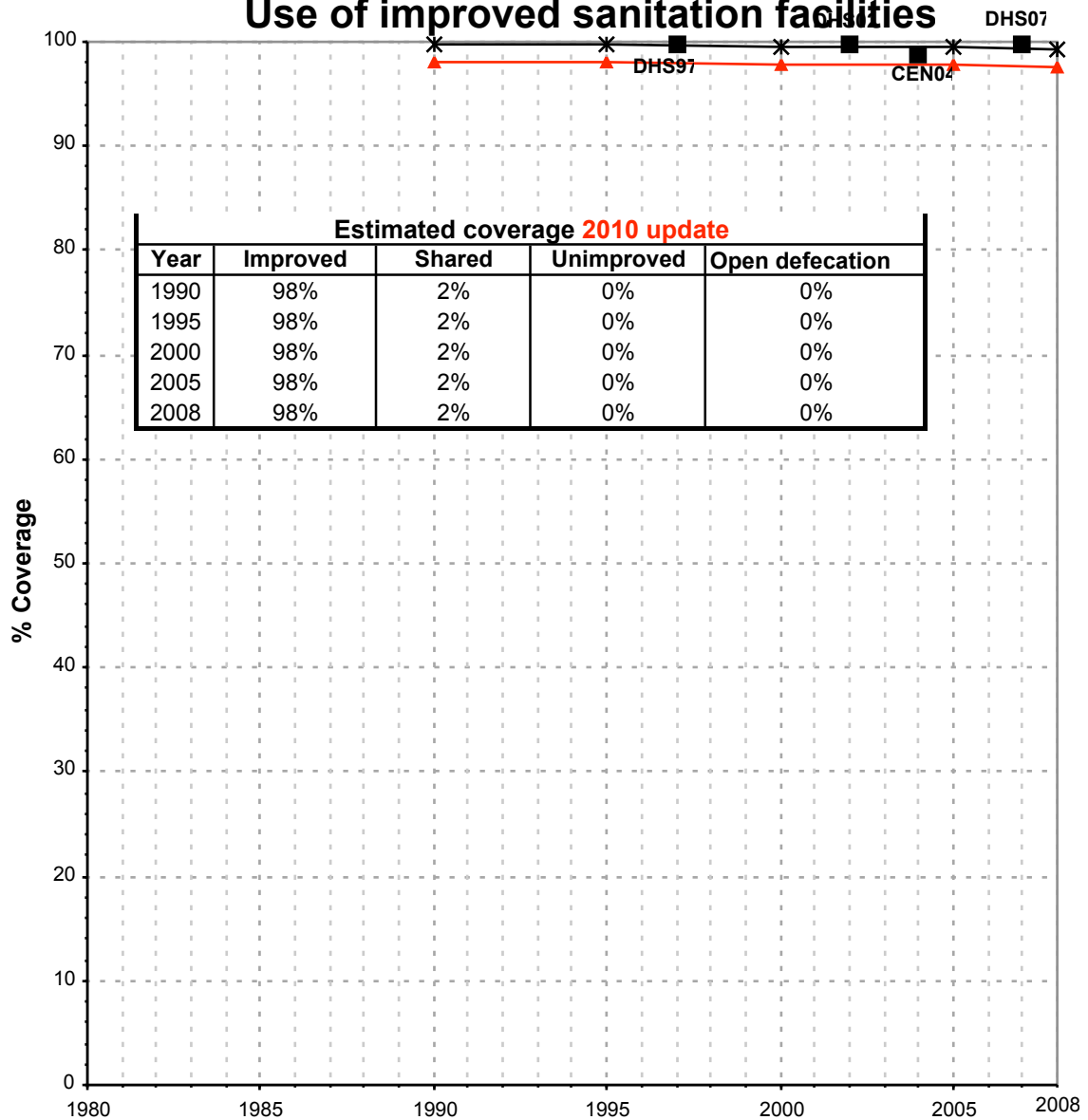


Use of sanitation facilities		JMP99			Jordan			Use of sanitation facilities		DHS02			Jordan		
Global Water Supply and Sanitation Assessment 2000.					Jordan					Demographic and Health Survey					
Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.					1999					2002					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Population served with household connections to conventional	<b>Flush and pour flush</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere	64.7	2.9			<b>Flush and pour flush</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere	92.0	76.2	88.8						
	<b>Flush/toilets</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere				Flush toilet	<b>Flush/toilets</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere	92.0	76.2	88.8						
	<b>Private flush/toilet</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere					<b>Private flush/toilet</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere									
	<b>Public/shared flush/toilet</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere					<b>Public/shared flush/toilet</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere									
	<b>Latrines</b>					<b>Latrines</b>	8.0	23.5	11.1						
	<b>Pour flush latrines</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere					<b>Pour flush latrines</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere									
	<b>Private pour flush latrine</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere					<b>Private pour flush latrine</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere									
	<b>Public/shared pour flush latrine</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere					<b>Public/shared pour flush latrine</b> to piped sewer system to septic tank to pit to unknown place/ not sure/DK to elsewhere									
	<b>Dry latrines</b>					<b>Dry latrines</b>	8.0	23.5	11.1						
	<b>Improved latrines</b> Ventilated Improved Pit latrine Pit latrine with slab/covered latrine Traditional latrine Pit latrine without slab/open pit Hanging toilet/hanging latrine Bucket latrine				Traditional pit toilet*	<b>Improved latrines</b> Ventilated Improved Pit latrine Pit latrine with slab/covered latrine Traditional latrine Pit latrine without slab/open pit Hanging toilet/hanging latrine Bucket latrine Other	8.0	23.5	11.1						
	<b>Private Latrines</b> Ventilated Improved Pit latrine Pit latrine with slab/covered latrine Traditional latrine Pit latrine without slab/open pit Hanging toilet/hanging latrine Bucket latrine					<b>Private Latrines</b> Ventilated Improved Pit latrine Pit latrine with slab/covered latrine Traditional latrine Pit latrine without slab/open pit Hanging toilet/hanging latrine Bucket latrine Other									
	<b>Public/shared Latrines</b> Ventilated Improved Pit latrine Pit latrine with slab/covered latrine Traditional latrine Pit latrine without slab/open pit Hanging toilet/hanging latrine Bucket latrine					<b>Public/shared Latrines</b> Ventilated Improved Pit latrine Pit latrine with slab/covered latrine Traditional latrine Pit latrine without slab/open pit Hanging toilet/hanging latrine Bucket latrine Other									
	<b>Composting toilets</b> Composting toilet (private) Composting toilet (shared)					<b>Composting toilets</b> Composting toilet (private) Composting toilet (shared)									
Population without household connections but served	<b>Other improved</b> Other	35.0	94.9			<b>Other improved</b> Other									
	<b>No facility, bush, field</b>				No facility	<b>No facility, bush, field</b>	0.0	0.3	0.1						
Total population unserved	<b>Other unimproved</b> Other DK/missing information	0.3	2.2			<b>Other unimproved</b> Other									
	<b>DK/missing information</b>					<b>DK/missing information</b>									
	<b>Total</b>	100.0	100.0			<b>Total</b>	100.0	100.0	100.0						
<b>Calculations</b>					<b>Calculations</b>										
<b>Estimations</b>					<b>Estimations</b>	Traditional latrines considered improved based on DHS06	7.9	22.9							
						SC, based on JMP99	64.9	2.9							
	<b>Access to improved plus shared sanitation:</b>	<b>100%</b>	<b>98%</b>			<b>Access to improved sanitation:</b>	<b>100%</b>	<b>99%</b>							
	<b>Access to sewerage connections:</b>	<b>65%</b>	<b>3%</b>			<b>Access to sewerage connections:</b>	<b>65%</b>	<b>3%</b>							
	Used for the estimates:	No	No			Used for the estimates:	Yes	Yes							
	Used for the estimates:	No	No			Used for the estimates:	Yes	Yes							
<b>Ratios</b>	Shared improved facilities/all improved facilities					Shared improved facilities/all improved facilities	0.5%	0.7%							
	Improved latrine / All latrines					Improved latrine / All latrines									
	Covered dry latrines / All dry latrines					Covered dry latrines / All dry latrines									
	VIP / All latrines					VIP / All latrines									
	Traditional latrines / All latrines					Traditional latrines / All latrines	100%	100%	100%						
	Improved + traditional latrines / All latrines					Improved + traditional latrines / All latrines									
	Sewerage connection among flush/pour flush	100.0	100.0			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:	3604.5	1004.2			Total population:									
<b>Comments</b>					<b>Comments</b>										

Use of sanitation facilities		CEN04			Jordan			Use of sanitation facilities		DHS07			Jordan		
Population census								Demographic and Health Survey							
IPUMS					2004								2007		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Public network	<b>Flush and pour flush</b>	98.9	96.1	0.0		<b>Flush and pour flush</b>	85.9	63.1							
Cess pool	to piped sewer system	67.8	2.8		flush - to piped sewer system	to piped sewer system	66.9	5.9							
	to septic tank	30.9	93.3			to septic tank									
	to pit				flush - to pit latrine	to pit	18.9	57.1							
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere				flush - to somewhere else	to elsewhere	0.0	0.1							
	<b>Flush/toilets</b>					<b>Flush/toilets</b>									
	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									
	<b>Private flush/toilet</b>					<b>Private flush/toilet</b>									
	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									
	<b>Public/shared flush/toilet</b>					<b>Public/shared flush/toilet</b>									
	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									
	<b>Latrines</b>					<b>Latrines</b>	14.2	36.1							
	<b>Pour flush latrines</b>					<b>Pour flush latrines</b>									
	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									
	<b>Private pour flush latrine</b>					<b>Private pour flush latrine</b>									
	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									
	<b>Public/shared pour flush latrine</b>					<b>Public/shared pour flush latrine</b>									
	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									
	<b>Dry latrines</b>					<b>Dry latrines</b>	14.2	36.1							
	<b>Improved latrines</b>					<b>Improved latrines</b>	14.0	35.2							
	Ventilated Improved Pit latrine				pit latrine - ventilated improved pit (vip)	Ventilated Improved Pit latrine	3.8	5.5							
	Pit latrine with slab/covered latrine				pit latrine - with slab	Pit latrine with slab/covered latrine	10.2	29.7							
	Traditional latrine					Traditional latrine									
	Pit latrine without slab/open pit				pit latrine - without slab / open pit	Pit latrine without slab/open pit	0.2	0.9							
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine									
	Bucket latrine					Bucket latrine									
	Other					Other									
	<b>Private Latrines</b>					<b>Private Latrines</b>									
	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									
	<b>Public/shared Latrines</b>					<b>Public/shared Latrines</b>									
	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									
	<b>Composting toilets</b>					<b>Composting toilets</b>									
	Composting toilet (private)					Composting toilet (private)									
	Composting toilet (shared)					Composting toilet (shared)									
	<b>Other improved</b>					<b>Other improved</b>									
	Other					Other									
	Other					Other									
None	<b>No facility, bush, field</b>	0.1	2.5		no facility/bush/field	<b>No facility, bush, field</b>	0.0	0.8							
Other	<b>Other unimproved</b>	0.1	0.2			<b>Other unimproved</b>									
	Other	0.1	0.2			Other									
	Other					Other									
NIU (not in universe)	<b>DK/missing information</b>	1.1	1.2			<b>DK/missing information</b>									
	<b>Total</b>	100.0	100.0	0.0		<b>Total</b>	100.0	100.0							
<b>Calculations</b>					<b>Calculations</b>										
<b>Estimations</b>					<b>Estimations</b>										
<b>Access to improved sanitation :</b>		<b>99%</b>	<b>96%</b>	<b>0%</b>	<b>Access to improved sanitation :</b>		<b>100%</b>	<b>98%</b>							
<b>Access to sewerage connections :</b>		<b>68%</b>	<b>3%</b>		<b>Access to sewerage connections :</b>		<b>67%</b>	<b>6%</b>							
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes							
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes							
<b>Ratios</b>	Shared improved facilities/all improved facilities				<b>Ratios</b>	Shared improved facilities/all improved facilities	3.0%	2.1%							
	Improved latrine / All latrines					Improved latrine / All latrines	98%	98%							
	Covered dry latrines / All dry latrines					Covered dry latrines / All dry latrines	72%	82%							
	VIP / All latrines					VIP / All latrines	27%	15%							
	Traditional latrines / All latrines					Traditional latrines / All latrines									
	Improved + traditional latrines / All latrines					Improved + traditional latrines / All latrines									
	Sewerage connection among flush/pour flush	68.7	2.9			Sewerage connection among flush/pour flush	78.0	9.4							
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:										
<b>Comments</b>					<b>Comments</b>										

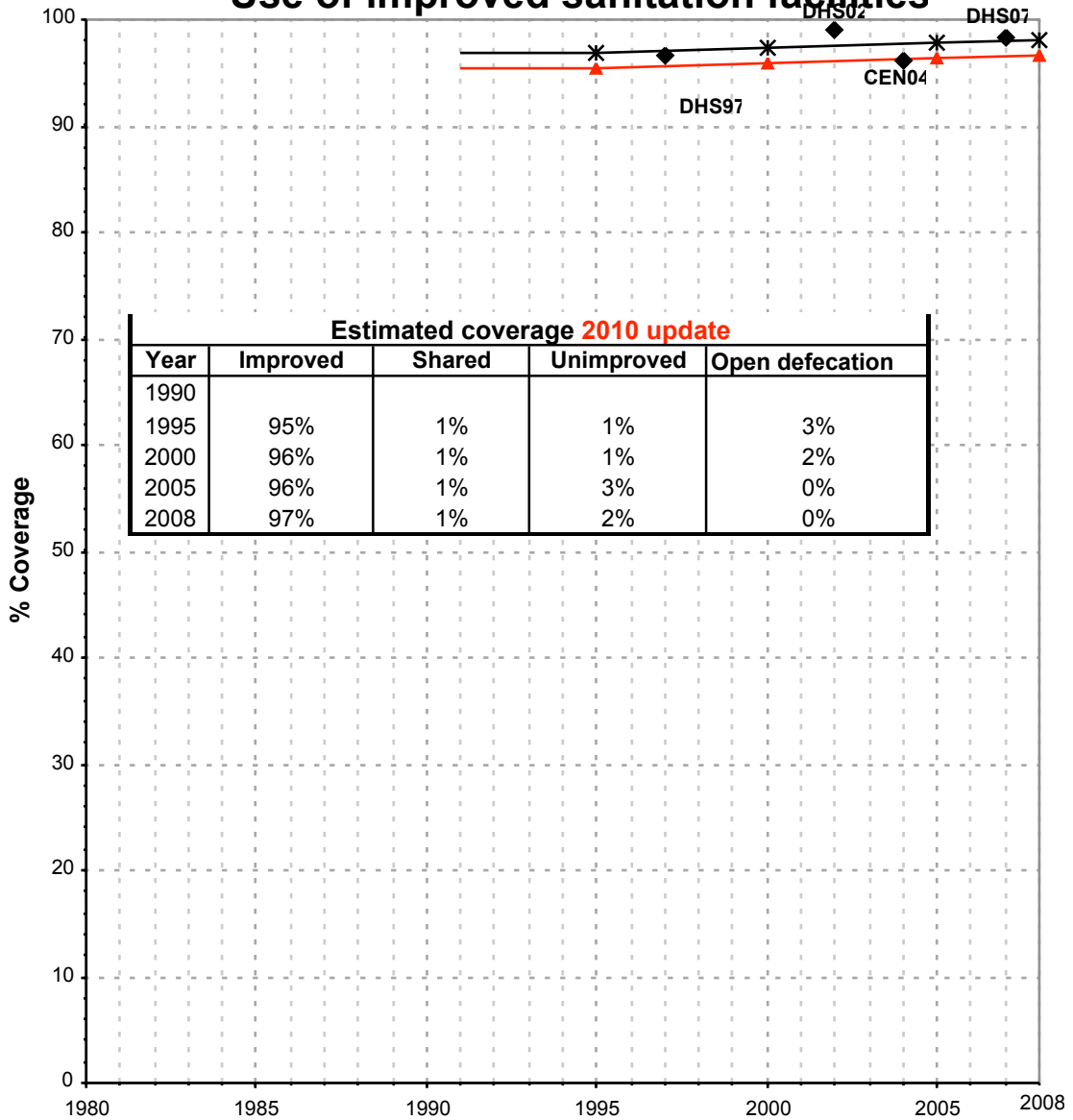
Jordan			SANITATION																
			URBAN								RURAL								
			Sewer connection		Total		Open defecation		Shared		Sewer connection		Total		Open defecation		Shared		
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	
Demographic and Health Survey	DHS90	1990																	
Demographic and Health Survey	DHS97	1997	64.8		99.7		0.1				2.9		96.6		2.8				
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		64.7		99.7						2.9		97.8					
Demographic and Health Survey	DHS02	2002	64.9		99.9		0.0		0.5		2.9		99.1		0.3		0.7		
Population census	CEN04	2004	67.8		98.8		0.1				2.8		96.1		2.5				
Demographic and Health Survey	DHS07	2007	66.9		99.7		0.0		3.0		5.9		98.2		0.8		2.1		

# Jordan - urban - Use of improved sanitation facilities



■ Used for the estimates    \* Estimates    ▲ JMP 2010 estimate

# Jordan - rural - Use of improved sanitation facilities



◆ Used for the estimates    ✱ Estimates    ▲ JMP 2010 estimate

## Sanitation

Jordan	Sanitation coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1995	2008	1995	2008	1995	2008
Improved facilities	98	98	95	97	97	98
Shared facilities	2	2	1	1	2	2
Unimproved facilities	0	0	1	2	0	0
Open defecation	0	0	3	0	1	0

Source: WHO/UNICEF JMP, 2010

Jordan	Urban		Rural		Total	
	1995	2008	1995	2008	1995	2008
Population (x1000)	3,366	4,811	938	1,325	4,304	6,136

Source: UN / Population Division, 2008

