



**WHO / UNICEF**

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

Coverage Estimates  
**Improved Sanitation**

Updated in July 2008

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**Cambodia**

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## Survey

DHS			2000	
SANITATION			Urban	Rural
Flush toilet connected to sewer/ with septic tank	33.8	1.7		
Flush unconnected to sewer/ without septic tank	17.2	5.6		
Latrine connected to sewer/ with septic tank	1.4	0.9		
Traditional pit latrine unconnected to sewer/ without septic tank	7.5	5.7		
No facility/ field	39.8	85.9		
Other	0.3	0.1		
<b>TOTAL</b>	<b>100.0</b>	<b>99.9</b>		
Estimate sewerage based on ratio CEN98	19.2	0.1		
Traditional pit/latrine considered improved based on ratio DHS05	4.7	4.1		
<b>% Use of an improved sanitation facility</b>	<b>57%</b>	<b>12%</b>		
<b>% Sewerage connections</b>	<b>19%</b>	<b>0%</b>		

Source: Cambodia Demographic and Health Survey 2000, Preliminary

CSES			2004	
SANITATION			Urban	Rural
Flush toilet connected to sewerage	31.2	1.5		
Public toilet	0.5	0.3		
Shared toilet	2.0	0.5		
Septic Tank	29.2	13.2		
Other without septic tank	1.3	1.7		
Pit latrine	2.1	2.4		
open land	15.6	45.4		
None	17.8	34.7		
Other	0.2	0.3		
Missing	0.0	0.1		
<b>TOTAL</b>	<b>99.9</b>	<b>100.1</b>		
pit latrine considered improved based on ratio DH05	1.3	1.7		
<b>% Use of an improved sanitation facility</b>	<b>65%</b>	<b>19%</b>		
<b>% Sewerage connections</b>	<b>31%</b>	<b>2%</b>		

Source: Cambodia Socio Economic Survey 2004, Preliminary

## Urban and Rural Sanitation - Cambodia

DHS			2005	
Proportion shared improved facilities/all improved facilities		0.09	0.19	
SANITATION	Urban	Rural		
Flush/Pour flush to piped sewer system	32.1	1.5		
Flush/pour flush to septic tank	31.3	16.6		
Flush/pour flush to pit latrine	0.6	0.6		
Ventilated improved Pit latrine (VIP)	0.2	0.3		
Pit latrine with slab	0.8	1.6		
Composting toilet	0.2	0.3		
Flush/pour flush to DK	0.3	0.0		
Flush/Pour flush to elsewhere	0.4	0.1		
Pit latrine without slab/open pit	0.7	1.0		
Bucket	0.2	0.1		
Hanging toilet/hanging latrine	1.8	0.7		
No facility, bush, field	31.0	77.1		
Other	0.5	0.2		
<b>TOTAL</b>	<b>100.1</b>	<b>100.1</b>		
Ratio improved pit latrines	0.62	0.72		
<b>% Use of an improved sanitation facility</b>	<b>66%</b>	<b>21%</b>		
% Sewerage connections	32%	2%		

Source: Cambodia Demographic and Health Survey 2005, Final

Census			1998	
(Population in thousands)				
SANITATION	Urban	Rural		
Connected to Sewerage	491	19		
Public Toilet	63	308		
Septic Tank	375	327		
Pit Latrine without Tank	83	270		
None	651	8'255		
Other	35	39		
Not Stated	97	414		
<b>TOTAL POPULATION</b>	<b>1'794</b>	<b>9'632</b>		
Ratio of sewerage	0.57	0.06		
considered improved based on DHS05	51.2	193.6		
<b>% Use of an improved sanitation facility</b>	<b>51%</b>	<b>6%</b>		
% Sewerage connections	27%	0%		

Source: 1998 census as recorded in the Global

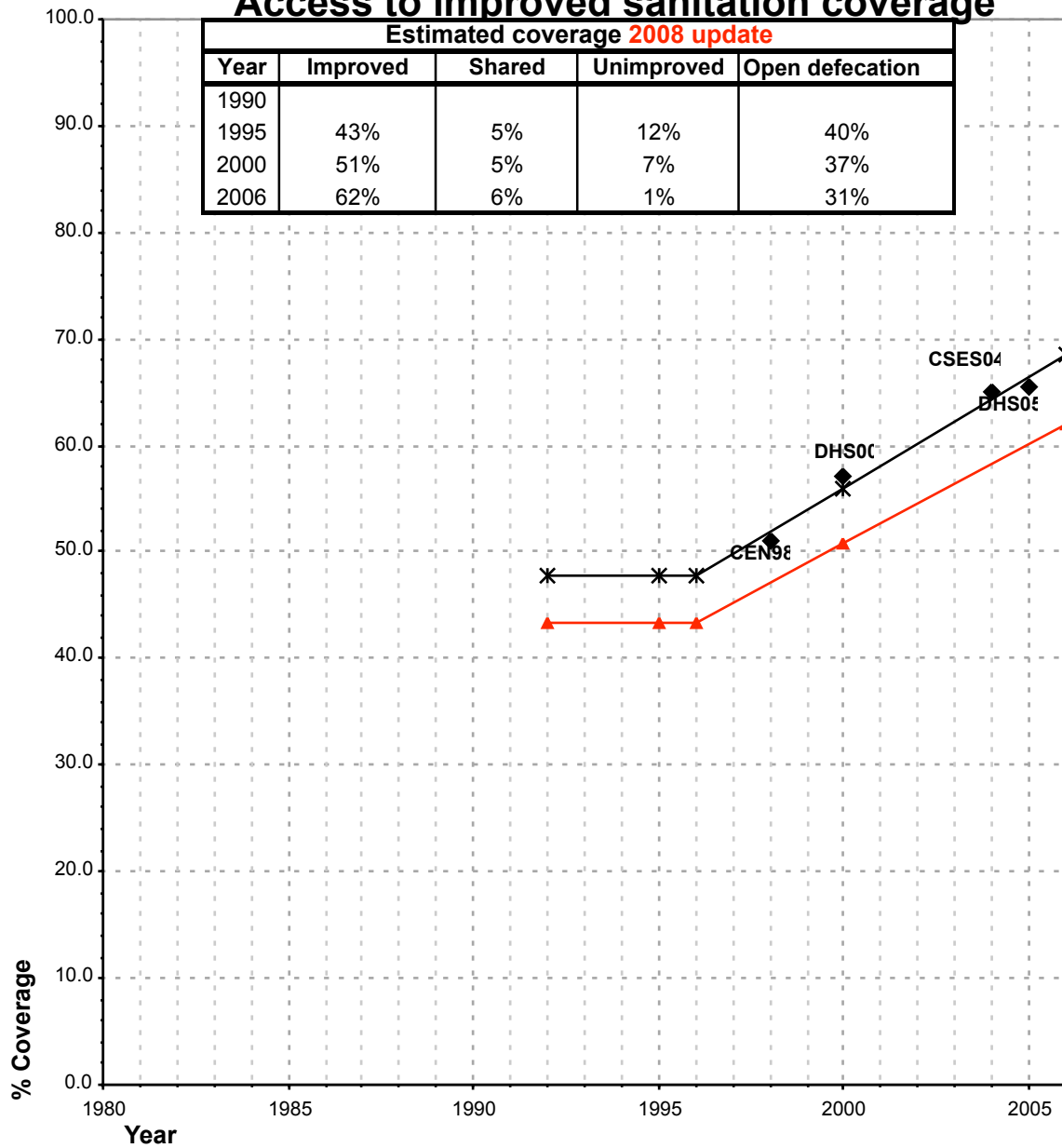
## Estimate

FORM6/WHO	1999	
SANITATION	Urban	Rural
Population served with household connections to conventional sewers	491	19
Population without household connections but served with adequate, private or shared on-site system	555	944
<b>Total population served</b>	<b>1'046</b>	<b>963</b>
Total population unserved	748	8'669
<b>Total population</b>	<b>1'794</b>	<b>9'632</b>
<b>% Use of an improved sanitation facility</b>	<b>58%</b>	<b>10%</b>
% Sewerage connections	27%	0%

*Source: Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector*

Cambodia			SANITATION								OPEN DEFECCATION			
			URBAN				RURAL				Urban		Rural	
			HC		Total		HC		Total		Used for estimates	Not used for estimates	Used for estimates	Not used for estimates
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		
1998 census as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 4-sent to WHO).	CEN98	1998	27.4		51.1		0.2		5.6		36.3	85.7		
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		27.4		58.0		0.2		10.0	same data as CEN98 (for HC)			
Cambodia Demographic and Health Survey 2000, preliminary report	DHS00	2000	19.2		57.1		0.1		12.3		39.8	85.9		
Cambodia Inter-Censal Population Survey, 2004	ICPS04	2004												
	CSES04	2004	31.2		65.0		1.5		18.6		33.4	80.1		
	DHS05	2005	32.1		65.5		1.5		20.9		31.0	77.1		

# Cambodia - urban - Access to improved sanitation coverage



**Improved plus shared**

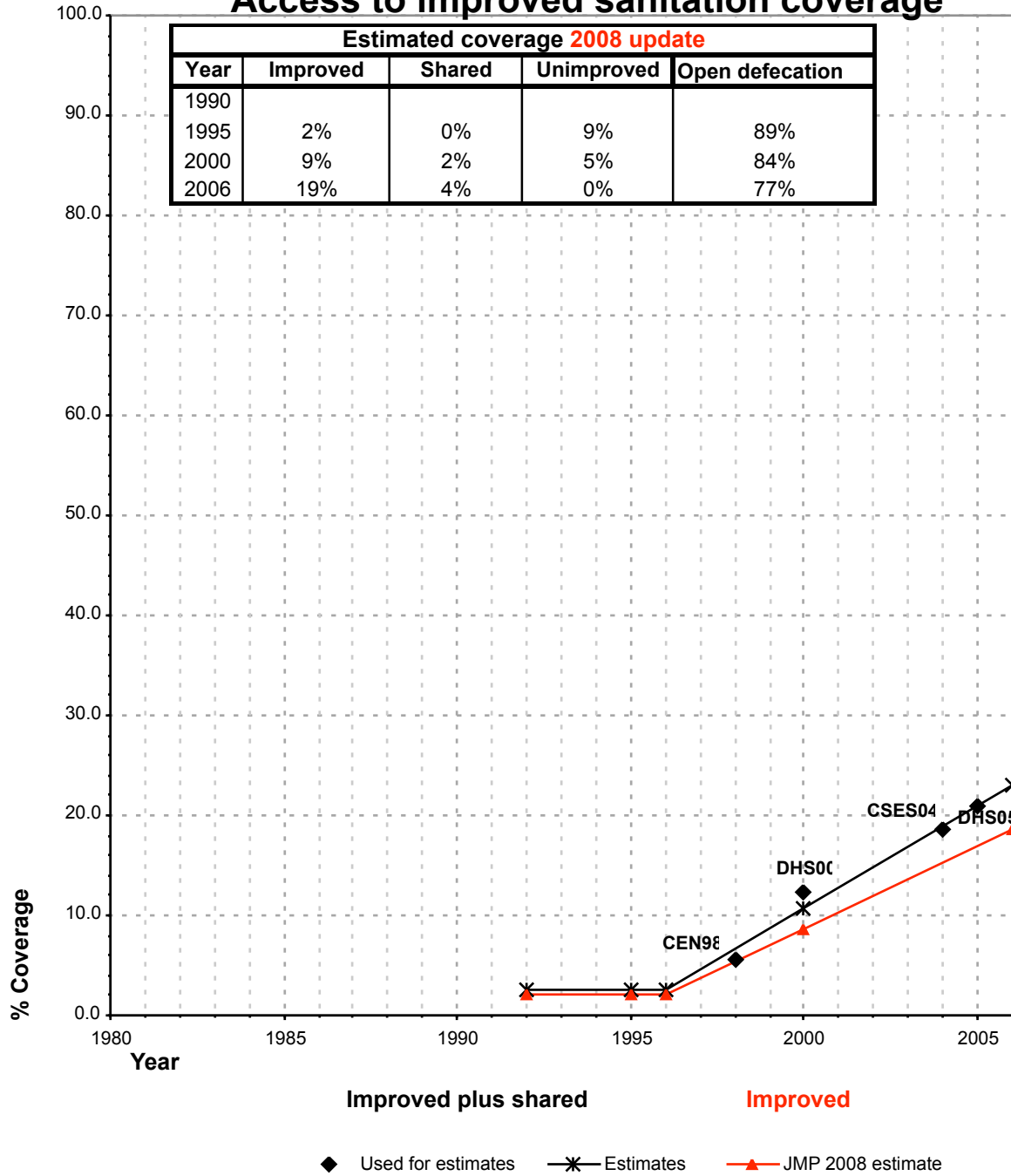
**Improved**

◆ Used for estimates    \*— Estimates    ▲ JMP 2008 estimate

**Shared facilities :**

The proportion of the population using a shared improved sanitation facility is based on the DHS05

# Cambodia - rural - Access to improved sanitation coverage



**Shared facilities :**  
 The proportion of the population using a shared improved sanitation facility is based on the DHS05