



**WHO / UNICEF**

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

Coverage Estimates  
**Improved Sanitation**

Updated in July 2008

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**Thailand**

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**Survey**

<b>DHS 1987</b>			
Sanitation	Urban	Rural	Total
Flush	12.8	1.4	3.4
Septic Tank	83.2	56.2	61.1
Pit	0.6	3.4	2.9
No facility	3.3	38.9	32.4
Other	0.1	0.1	0.1
Missing	0.1	0.0	0.0
<b>TOTAL</b>	<b>100</b>	<b>100</b>	<b>100</b>
* 50% of pits considered improved	0.3	1.7	1.5
<b>access to improved sanitation</b>	<b>96%</b>	<b>59%</b>	<b>66%</b>

<b>Provincial Health Survey 2 - 1996</b>			
Sanitation	Urban	Rural	Total
<b>access to improved sanitation</b>	<b>97%</b>	<b>94%</b>	<b>96%</b>

## Urban and Rural Sanitation - Thailand

<b>MICS</b>		<b>2005</b>	
Proportion shared improved facilities/all improved facilities		0.05	0.04
Sanitation	Urban	Rural	
Flush to piped sewer system	9.4	5.9	
Flush to septic tank	89.5	91.6	
Flush to pit latrine	0.8	1.5	
Pit latrine with slab	0.1	0.1	
Flush to somewhere else	0.1	0.1	
Pit latrine without slab/open pit	0.0	0.0	
No facility or bush or field	0.1	0.9	
Other	0.1	0.0	
<b>TOTAL</b>	<b>100.1</b>	<b>100.1</b>	
<b>access to improved sanitation</b>	<b>100%</b>	<b>99%</b>	
<b>Estimate of sewerage connections</b>	<b>9%</b>	<b>6%</b>	

<b>Census</b>		<b>1990</b>	
Sanitation	Urban	Rural	
Private septic tank/other household latrine	9'383	34'792	
Shared Latrine	722	1'773	
Pit Latrine	40	1'126	
No Latrine	70	6'642	
<b>TOTAL</b>	<b>10'215</b>	<b>44'333</b>	
* 50% of shared + pit latrines considered improved	381	1450	
<b>access to improved sanitation</b>	<b>96%</b>	<b>82%</b>	

<b>Census</b>
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<b>Census 2000</b>		
Sanitation	Urban	Rural
Sanitary latrine	98.0	98.2
Shared latrine	1.3	1.0
No latrine	0.7	0.8
* 50% of shared latrines considered improved	1	1
<b>access to improved sanitation</b>	<b>98%</b>	<b>98%</b>

Census 2000, Department of Health, Ministry of Public Health

<b>Estimate</b>
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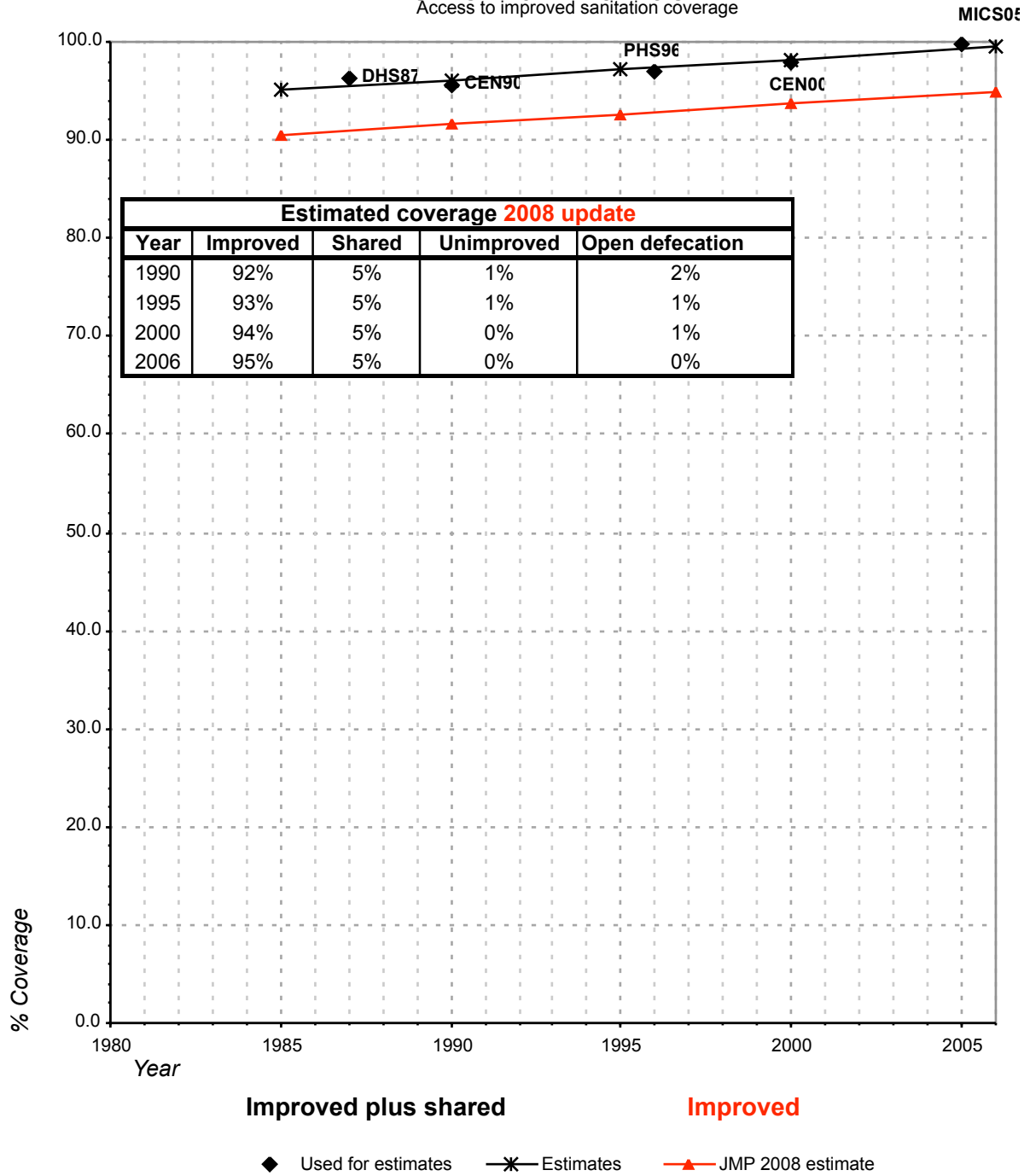
<b>FORM6/WHO 1999</b>		
Sanitation	Urban	Rural
Population served with household connections to conventional sewers	0	0
Population without household connections but served with adequate, private or shared on-site system *	19'144	40'418
<b>Total population served</b>	<b>19'144</b>	<b>40'418</b>
Total population unserved	384	1'806
<b>Total population</b>	<b>19'528</b>	<b>42'224</b>
<b>access to improved sanitation</b>	<b>98%</b>	<b>96%</b>
% House connections	0%	0%

\* includes pit latrines with non-waterseal squatting platform (30%)

Thailand			SANITATION								OPEN DEFECCATION			
			URBAN				RURAL							
			Source	Code	Year	HC		Total		HC		Total		Urban
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
The International Drinking Water Supply and Sanitation Decade. Review of National Baseline Data (as at December 1980). WHO 1984	WHO80	1980				64.0				41.0				
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO83	1983				50.0				44.0				
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985				78.0				46.0				
Thailand Demographic and Health Survey 1987.	DHS87	1987			96.2				59.3		3.28		38.87	
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988				84.0								
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990								86.0				
1990 Census as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.	CEN90	1990			95.6				81.7		0.685267		14.98207	
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				80.0				72.0				
Provincial Health Survey - 1995	PHS95	1995				98.0				95.0				
Provincial Health Survey 2 - 1996	PHS96	1996			97.0				94.0					
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Q	JMP99	1999		0.0		98.0		0.0		96.0				
Population and housing census 2000, National Statistical Office.	CEN00	2000			98.0				98.2		0.7		0.8	
	MICS05	2005	9.4		99.8		5.9		99.1		0.1		0.9	

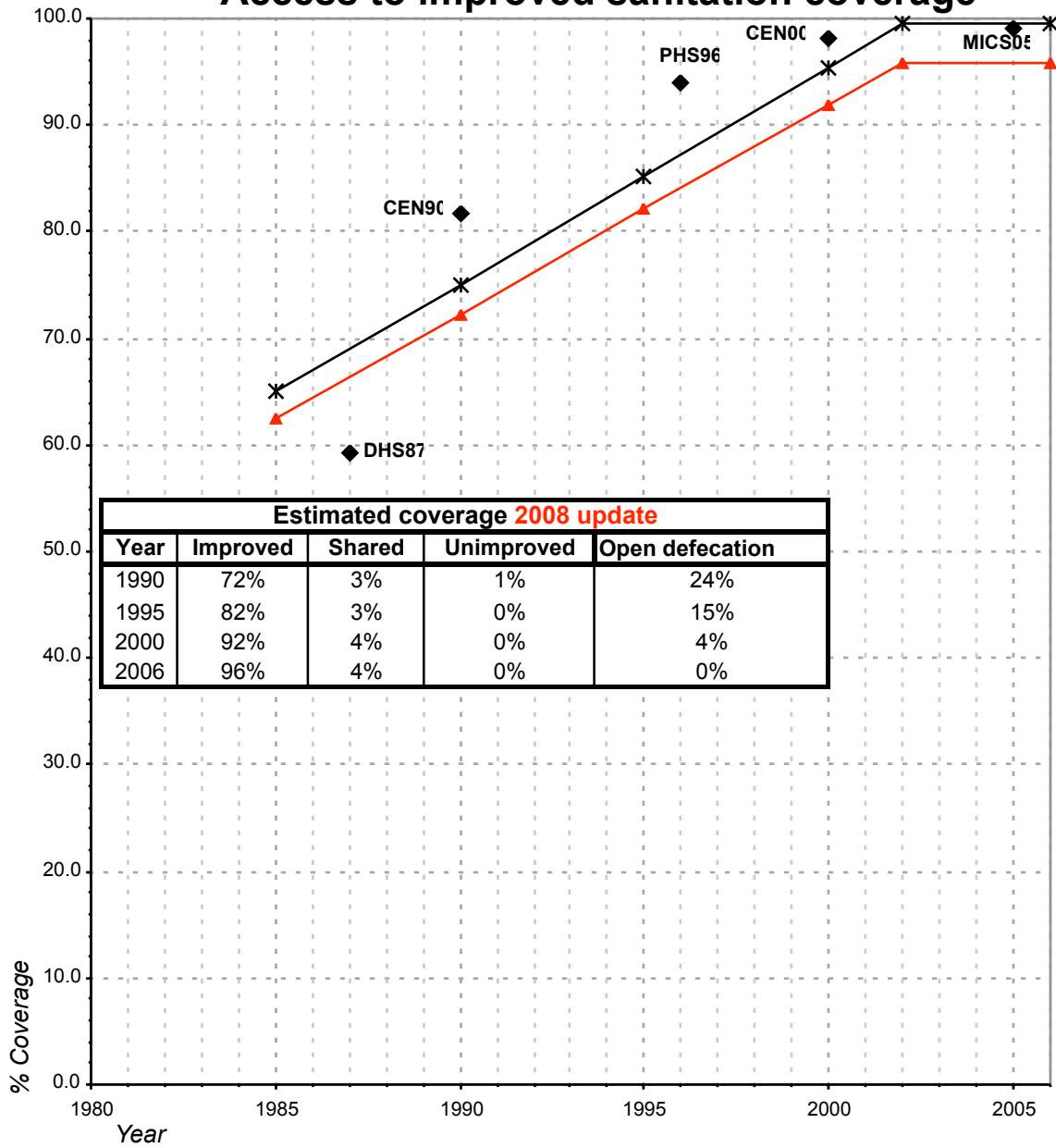
# Thailand - urban -

Access to improved sanitation coverage



**Shared facilities :**  
 The proportion of the population using a shared improved sanitation facility is based on the MICS05

# Thailand - rural - Access to improved sanitation coverage



Estimated coverage 2008 update				
Year	Improved	Shared	Unimproved	Open defecation
1990	72%	3%	1%	24%
1995	82%	3%	0%	15%
2000	92%	4%	0%	4%
2006	96%	4%	0%	0%

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 MICS05