



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Indonesia

DHS 1987			
Sanitation	Urban	Rural	Total
Private with septic tank	44.9	8.0	19.0
Private no septic tank	23.6	28.6	27.1
Shared, public toilet	14.0	10.0	11.2
Other	17.5	53.3	42.6
No facilities	0.0	0.1	0.0
TOTAL	100.0	100.0	99.9
Access to improved sanitation	83%	47%	57%
Estimated house connections			

DHS 1997			
Sanitation	Urban	Rural	Total
Private with septic	51.4	17	26.8
Private no septic	19.1	24.2	22.7
Shared, public toilet	14	9.2	10.6
River, stream, creek	13.6	32.2	27
Pit	0.3	4.4	3.3
Bush/forest/yard	0.5	11.2	8.2
Other	1.1	1.5	1.4
TOTAL	100.0	99.7	100.0
50% of Pit considered Improved	0.2	2.2	1.7
Access to improved sanitation	85%	53%	62%
Estimated house connections			

DHS 1991			
Sanitation	Urban	Rural	Total
Private with septic tank	38.7	5.8	15.4
Private no septic tank	23.2	31.2	28.9
Shared, public toilet	14.3	7.6	9.5
River/creek/stream	17.3	33.1	28.5
Pit	0.1	0.6	0.5
Bush/forest/yard	2	7.5	5.9
Other	4.4	14	11.2
Missing	0.2	0.1	0.1
TOTAL	100	100	100
50% of Pit considered Improved	0.1	0.3	0.3
Access to improved sanitation	76%	45%	54%
Estimated house connections			

NSES 1998			
Sanitation	Urban	Rural	Total
Water seal latrine	66.9	22.3	39
Plengsengan=pour flush	11.9	6.9	9
Pit privy	7.0	25.1	18
Others	14.1	45.5	34
Total	100	100	100
50% of Pit privy considered Improved	3.5	12.5	9.2
Access to improved sanitation	82%	42%	57%
Estimated house connections			

Source: National Socio-Economic Survey, 1998 (NSES)

SUS		
2002		
SANITATION	Urban	Rural
Septic tank	63.1	20.7
Pond, Rice field	3.3	7.8
River/Lake	16.7	28.0
Hole	14.4	31.4
Beach/open air defecation	1.3	9.0
Others	1.2	3.1
TOTAL	100.0	100.0
50% of Hole considered Improved	7.2	15.7
Access to improved sanitation	70%	36%
% House connections		

Source: SUSENAS, 2002

DHS		
2003		
Proportion shared		0.11 0.12
SANITATION	Urban	Rural
Private with septic tank	64.6	26.6
Private with no septic tank	8.9	10.2
Shared/public	9.3	6.2
River/stream/creek	11.3	26.6
Pit	2.9	16.5
Bush/forest/yard/field/no facility	0.5	7.1
Other	2.2	6.7
Missing	0.3	0.2
TOTAL	100	100
50% of Pit considered Improved	1.5	8.3
Access to improved sanitation	84%	51%
% House connections		

Source: Indonesia Demographic and Health Survey 2003.

Urban and Rural Sanitation - Indonesia

SURVEYS

DHS		1994	
Sanitation	Urban	Rural	Total
Private with septic tank	39.4	9.1	18
Private no septic	24.3	23.2	23.5
Shared, public toilet	15.8	9.2	11.2
River/creek/stream	15.3	32.5	27.4
Pit	0.4	5.1	3.7
Bush/forest/yard	0.9	11	8
Other	3.7	9.5	7.8
Missing	0.3	0.4	0.4
TOTAL	100	100	100
50% of Pit considered Improved	0.2	2.6	1.9
Access to improved sanitation	80%	42%	53%
Estimated house connections			

NSES		1999	
Sanitation	Urban	Rural	Total
Septic tank	63.0	20.3	37.1
Pond/ Rice field	2.7	7.1	5.4
River/ lake	17.0	29.3	24.4
Hole	14.0	30.6	24.0
Beach/ open air defecation	1.3	8.8	5.9
Others	2.1	4.0	3.2
Total	100.0	100.0	100.0
50% of hole considered Improved	7.0	15.3	12.0
Access to improved sanitation	70%	36%	49%
Estimated house connections			

Source: BPS, National Socio-Economic Survey 1999

SUSENAS		1997	
Sanitation	Urban	Rural	Total
Private Toilet	67.4	43.7	52.5
Shared Toilet	15.7	11.5	13.1
Public Toilet	7.4	10.6	9.4
Other	9.6	34.3	25.1
Total	100.1	100.1	100.1
Access to improved sanitation	91%	66%	75%
Estimated house connections			

NSES		2001	
Sanitation	Urban	Rural	Total
Septic tank	63.0	19.8	38.5
Pond/ Rice field	3.4	7.5	5.7
River/ lake	17.2	28.6	23.7
Hole	13.2	30.5	23.0
Beach/ open air defecation	1.5	9.2	5.9
Others	1.8	4.4	3.2
Total	100.0	100.0	100.0
50% of hole considered Improved	6.6	15.2	11.5
Access to improved sanitation	70%	35%	50%
Estimated house connections			

Source: BPS, National Socio-Economic Survey 2001

SUS		
2004		
SANITATION	Urban	Rural
Septic tank	66.0	25.5
Pond, Rice field	2.9	6.9
River/Lake	14.3	24.6
Hole	15.3	34.2
Beach/open air defecation	0.2	8.1
Others	1.2	2.8
TOTAL	99.9	102.1
50% of Hole considered Improved	7.7	17.1
Access to improved sanitation	74%	43%
% House connections		

Source: SUSENAS, 2004

Census

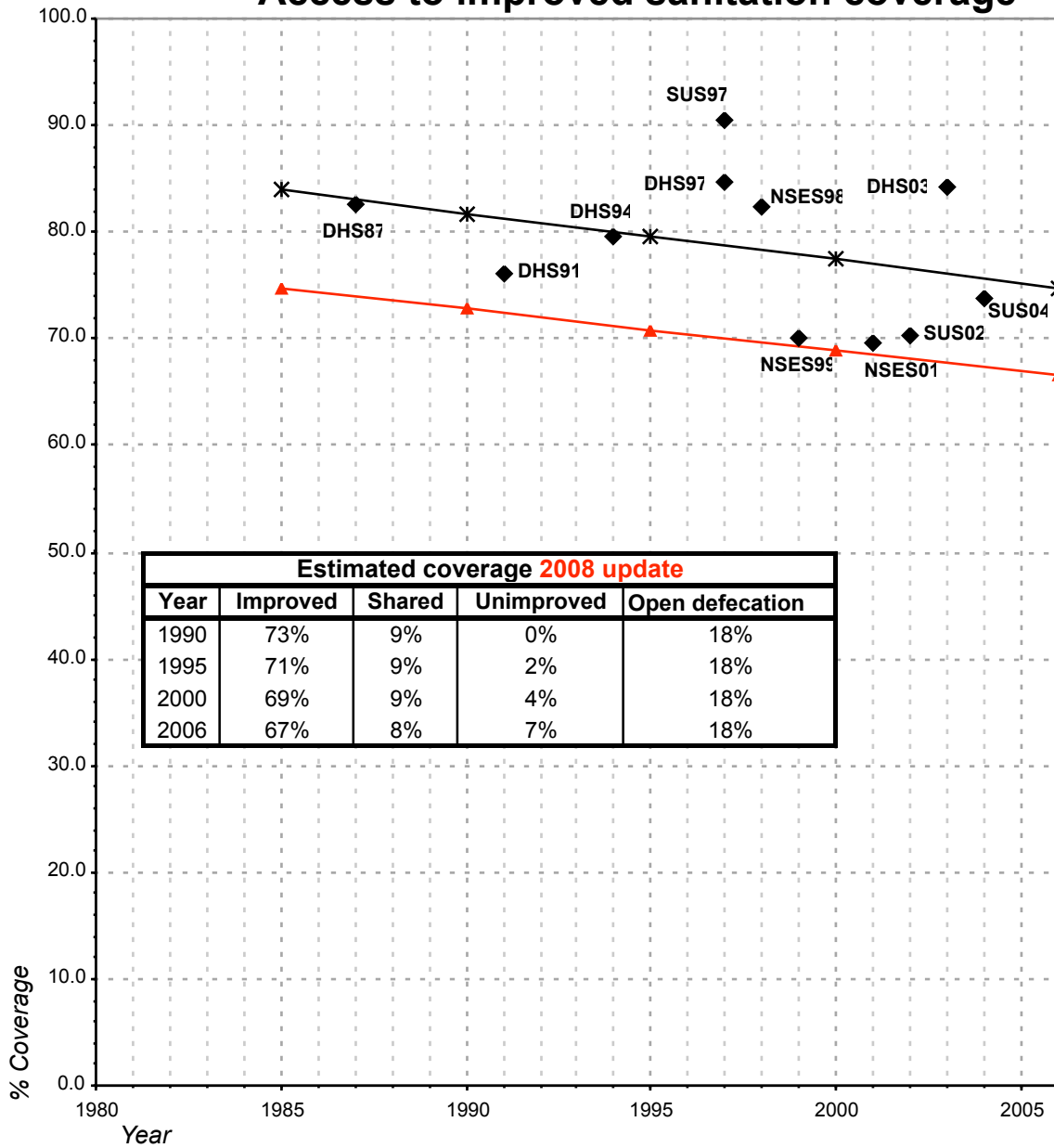
Census		1998	
Sanitation	Urban	Rural	
Sewerage	1'172	0	
Private latrine	44'478	53'367	
Shared latrine	13'446	2'257	
Public latrine	5'617	3'038	
Total population	64713	58662	
Access to improved sanitation	91%	95%	
% House connections	2%	0%	

Estimate

FORM6/WHO		1999	
(Population in thousands)			
Sanitation	Urban	Rural	
Population served with household connections to conventional sewers	1'172	0	
Population without household connections but served with adequate, private or shared on-site system	63'540	58'432	
Total population served	64'712	58'432	
Total population unserved	9'988	68'405	
Total population	74'700	126'837	
Access to improved sanitation	87%	46%	
% House connections	2%	0%	

Indonesia			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		
The International Drinking Water Supply and Sanitation Decade. Review of National Baseline Data (as at December 1980). WHO 1984	WHO80	1980				29.0				21.0				
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO83	1983				31.0				30.0				
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985				33.0				38.0				
Indonesian Demographic and Health Survey 1987.	DHS87	1987			82.5					46.6		0.0		0.1
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988				40.0				45.0				
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990		37.0		79.0				30.0				
Indonesian Demographic and Health Survey 1991.	DHS91	1991			76.2					44.6	19.3		40.6	
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				64.0				36.0				
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 Decemb	JMP96	1994				73.0				40.0				
Indonesian Demographic and Health Survey 1994.	DHS94	1994			79.5					41.5	16.2		43.5	
	SUS97	1997			90.5					65.8				
Indonesian Demographic and Health Survey 1997.	DHS97	1997			84.7					52.8	14.1		43.4	
National Socio-Economic Survey, 1998 (NSES)	NSES98	1998			82.3					41.7				
	CEN98	1998	1.8			91.3	0.0			91.0				
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Qu	JMP99	1999		1.6		87.0		0.0		46.0				
BPS, National Socio-Economic Survey 1999	NSES99	1999			70.0					35.5	21.0		45.2	
BPS, National Socio-Economic Survey 2001	NSES01	2001			69.6					35.0	22.1		45.3	
Indonesia Demographic and Health Survey 2003.	DHS03	2003			84.3					51.3	11.8		33.7	
SUSENAS, 2002	SUS02	2002			70.3					36.4	21.3		39.9	
SUSENAS, 2004	SUS04	2004			73.7					42.6	17.4		39.6	

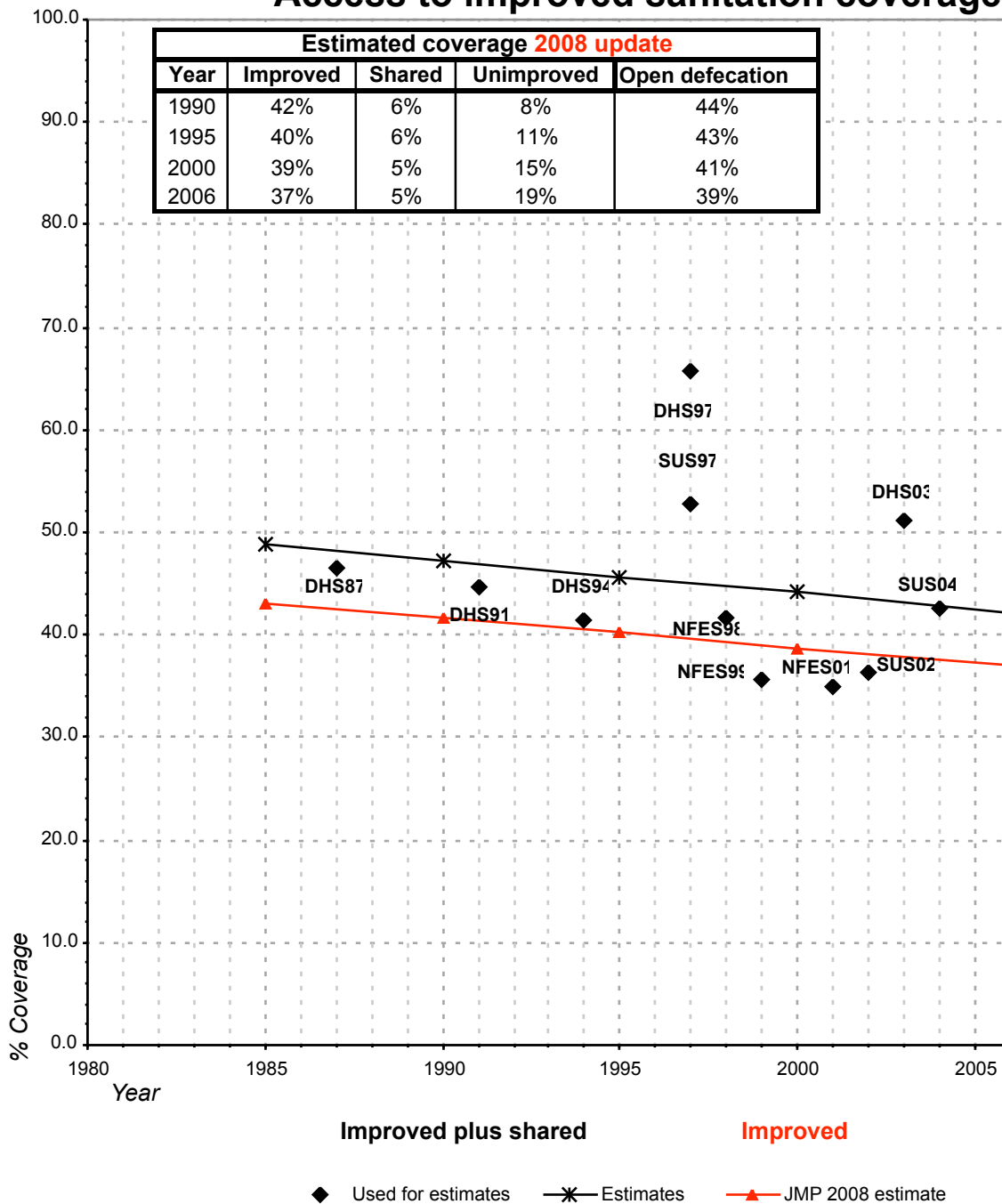
Indonesia - urban - Access to improved sanitation coverage



◆ Used for estimates
 ✱ Estimates
 ▲ JMP 2008 estimate

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

Indonesia - rural - Access to improved sanitation coverage



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