



**WHO / UNICEF**

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

Coverage Estimates  
**Improved Sanitation**

Updated in July 2008

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**Senegal**

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# Senegal

DHS	1986	
	Urban	Rural
<b>SANITATION</b>		
WC	22.6	0.1
Latrine	50.2	5.8
Pit	16.8	36.7
No Facilities	8.8	57.4
Other	1.6	0.1
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>
<b>Estimated pit and latrines improved based on average MICS00+DHS05</b>	<b>51.5</b>	<b>13.4</b>
<b>% Use of an improved sanitation facility</b>	<b>74%</b>	<b>14%</b>
% Sewerage connections	23%	0%

Source: Senegal Demographic and Health Survey 1986.

DHS	1993	
	Urban	Rural
<b>SANITATION</b>		
Private WC	14.3	1.4
Shared WC	11.1	0.3
Latrine	11.1	25.9
Pit	50.0	12.4
No Facilities/Nature	13.3	59.6
Not Defined/Not Specified	0.2	0.3
<b>TOTAL</b>	<b>100.0</b>	<b>99.9</b>
<b>Estimated pit and latrines improved based on average MICS00+DHS05</b>	<b>46.9</b>	<b>12.1</b>
<b>% Use of an improved sanitation facility</b>	<b>72%</b>	<b>14%</b>
% Sewerage connections	25%	2%

Source: Senegal Demographic and Health Survey 1992-93.

DHS	1997	
	Urban	Rural
<b>SANITATION</b>		
Private WC	16.8	0.3
Shared WC	9.8	0.5
Latrine	11.1	28.7
Pit	54.5	16.2
No Facilities/Nature	7.5	53.9
Other	0.2	0.3
Not Defined/Not Specified	0.1	0.1
<b>TOTAL</b>	<b>100.0</b>	<b>99.9</b>
<b>Estimated pit and latrines improved based on average MICS00+DHS05</b>	<b>50.4</b>	<b>14.2</b>
<b>% Use of an improved sanitation facility</b>	<b>77%</b>	<b>15%</b>
% Sewerage connections	27%	1%

Source: Senegal Demographic and Health Survey 1997.

## Survey

DHS 1999		
SANITATION	Urban	Rural
Chasse d'eau personnelle	11.4	0.3
Chasse d'eau commune	7.8	0.1
Latrine	56.2	16.2
Fosse	16.6	33.9
No Facilities/Nature	5.9	47.3
Other	1.5	1.8
Not Defined/Not Specified	0.5	0.4
<b>TOTAL</b>	<b>99.9</b>	<b>99.6</b>
<b>Estimated pit and latrines improved based on average MICS00+DHS05</b>	<b>55.9</b>	<b>15.8</b>
<b>% Use of an improved sanitation facility</b>	<b>75%</b>	<b>16%</b>
% Sewerage connections	19%	0%

Source: Senegal Demographic and Health Survey 1999.

MICS 2000		
SANITATION	Urban	Rural
Chasse raccordee a l'egout	15.1	0.2
Chasse avec fosse	27.0	2.2
Edicule public	0.5	0.2
Latrine a fosse ventilee	36.0	12.0
Latrines seches traditionnelles	15.7	42.6
Pots de chambre	0.1	0.3
Dans la nature	2.3	39.3
Autre	3.4	3.1
<b>TOTAL</b>	<b>100.1</b>	<b>99.9</b>
<b>Ratio improved latrines all latrines</b>	<b>0.80</b>	<b>0.25</b>
<b>% Use of an improved sanitation facility</b>	<b>79%</b>	<b>15%</b>
% Sewerage connections	15%	0%

Source: Rapport de l'enquete sur les objectifs de la fin de decennie sur l'enfance (MICS-II), Gouvernement du Senegal & UNICEF, 2000

## WHS not used because of high improved categories

WHS 2003		
SANITATION	Urban	Rural
Private domestic connection to sewage system	32.3	5.1
Shared domestic connection to sewage system	3.9	0.7
Private flush to septic tank	33.2	13.6
Shared flush to septic tank	7.0	3.9
Private pour flush latrine	6.6	3.9
Shared pour flush latrine	1.0	0.5
Private covered dry latrine (with privacy)	5.9	14.8
Shared covered dry latrine (with privacy)	1.2	2.6
Uncovered dry latrine (without privacy)	4.5	20.4
Bucket latrine (where fresh excreta are manually removed)	0.2	0.9
No facilities (open defecation)	2.6	31.2
Other	1.6	2.6
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>
<b>Ratio of improved non sewerage connections all non-sewerage + latrines</b>	<b>0.92</b>	<b>0.65</b>
<b>% Use of an improved sanitation facility</b>	<b>91%</b>	<b>45%</b>
% Sewerage connections	36%	6%

Source: World Health Survey, WHO, 2003.

<b>DHS 2005</b>		
Proportion shared improved facilities/all improved facilities	29.6%	49.3%
<b>SANITATION</b>	<b>Urban</b>	<b>Rural</b>
Chasse d'eau	18.3	0.4
Chasse d'eau branchée à fosse	47.2	12.3
Fosse/laitrine améliorée	9.3	10.0
Fosse rudimentaire	20.4	36.5
Pas de toilette/nature	4.1	40.3
Atre/NSP	0.6	0.5
<b>TOTAL</b>	<b>99.9</b>	<b>100.0</b>
Ratio of improved non sewerage connections all non-sewerage + latrines	0.73	0.38
<b>% Use of an improved sanitation facility</b>	<b>75%</b>	<b>23%</b>
% Sewerage connections		

Source: Senegal Demographic and Health Survey 2005.

<b>Census</b>		
<b>Census</b>	<b>1988</b>	
(Population in thousands)		
<b>SANITATION</b>	<b>Urban</b>	<b>Rural</b>
Sewerage connection	521	0
Septic tank	1383	457
Public toilet	112	26
Pit latrine (private)	507	831
Nature	211	2396
Other	117	82
<b>Total population (1988)</b>	<b>2851</b>	<b>3837</b>
<b>Estimated pit and latrines improved based on average MICS00+DHS05</b>	<b>1538</b>	<b>1009</b>
<b>% Use of an improved sanitation facility</b>	<b>72%</b>	<b>26%</b>
% Sewerage connections	18%	0%

Source: 1988 National census data as recorded on the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.

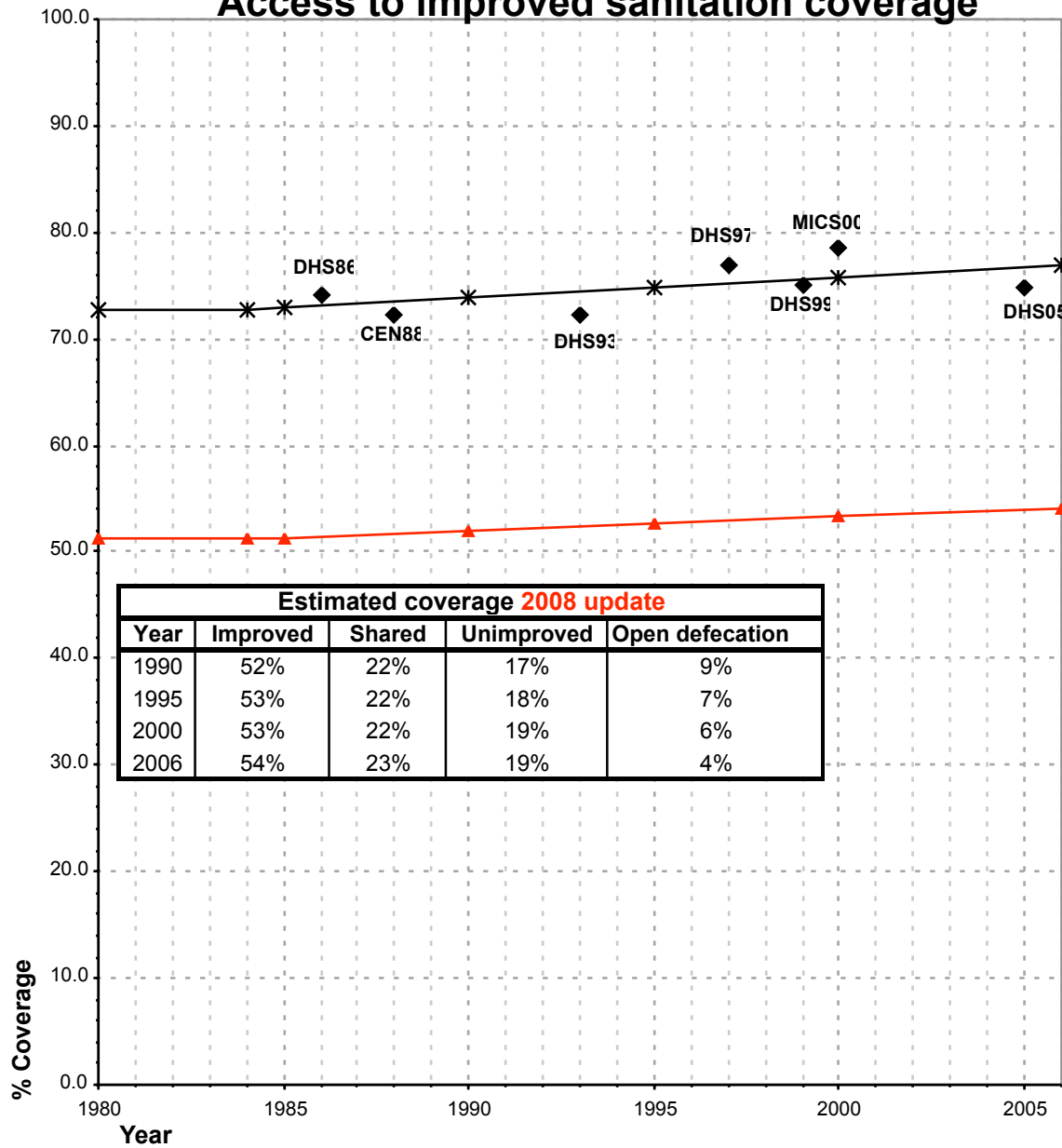
**Estimate**

<b>FORM6/WHO</b>	<b>1999</b>	
(Population in thousands)		
<b>SANITATION</b>	<b>Urban</b>	<b>Rural</b>
Population served with household connections to conventional sewers	534.8	0.0
Population without household connections but served with adequate, private or shared on-site system	2'195.9	658.4
<b>Total population served</b>	<b>2'730.7</b>	<b>658.4</b>
Total population unserved	1'170.6	4'406.1
Total population	3'901.3	<b>5'064.5</b>
<b>Population with adequate sanitation</b>	<b>70%</b>	<b>13%</b>
% House connections	14%	0%

*Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)*

Senegal			SANITATION								OPEN DEFECACTION			
			URBAN				RURAL							
			HC		Total		HC		Total		Urban		Rural	
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	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		5.0		100.0				2.0				
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO83	1983		14.0		87.0								
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985		14.0		87.0								
Senegal Demographic and Health Survey 1986.	DHS86	1986	22.6		74.1		0.1		13.5		8.8		57.4	
Source:National census 1988 as recorded on the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.	CEN88	1988	18.3		72.2		0.0		26.3		7.4		62.4	
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990		13.0		57.0				38.0				
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				86.0								36.0
Senegal Demographic and Health Survey 1992-93.	DHS93	1993	25.4		72.3		1.7		13.8		13.3		59.6	
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 Decemb	JMP96	1994				83.0								40.0
Senegal Demographic and Health Survey 1997.	DHS97	1997	26.6		77.0		0.8		15.0		7.5		53.9	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Q	JMP99	1999		13.7		70.0		0.0		13.0				
Senegal Demographic and Health Survey 1999.	DHS99	1999	19.2		75.1		0.4		16.2		5.9		47.3	
Rapport de l'enquete sur les objectifs de la fin de decennie sur l'enfance (MICS-II), Gouvernement du Senegal & UNICEF, 2000	MICS00	2000	15.1		78.6		0.2		14.6		2.3		39.3	
World Health Survey, WHO, 2003.	WHS03	2003		36.2		91.1		5.8		44.9		2.6		31.2
Senegal Demographic and Health Survey 2005	DHS05	2005			74.8				22.7		4.1		40.3	

# Senegal - urban - Access to improved sanitation coverage



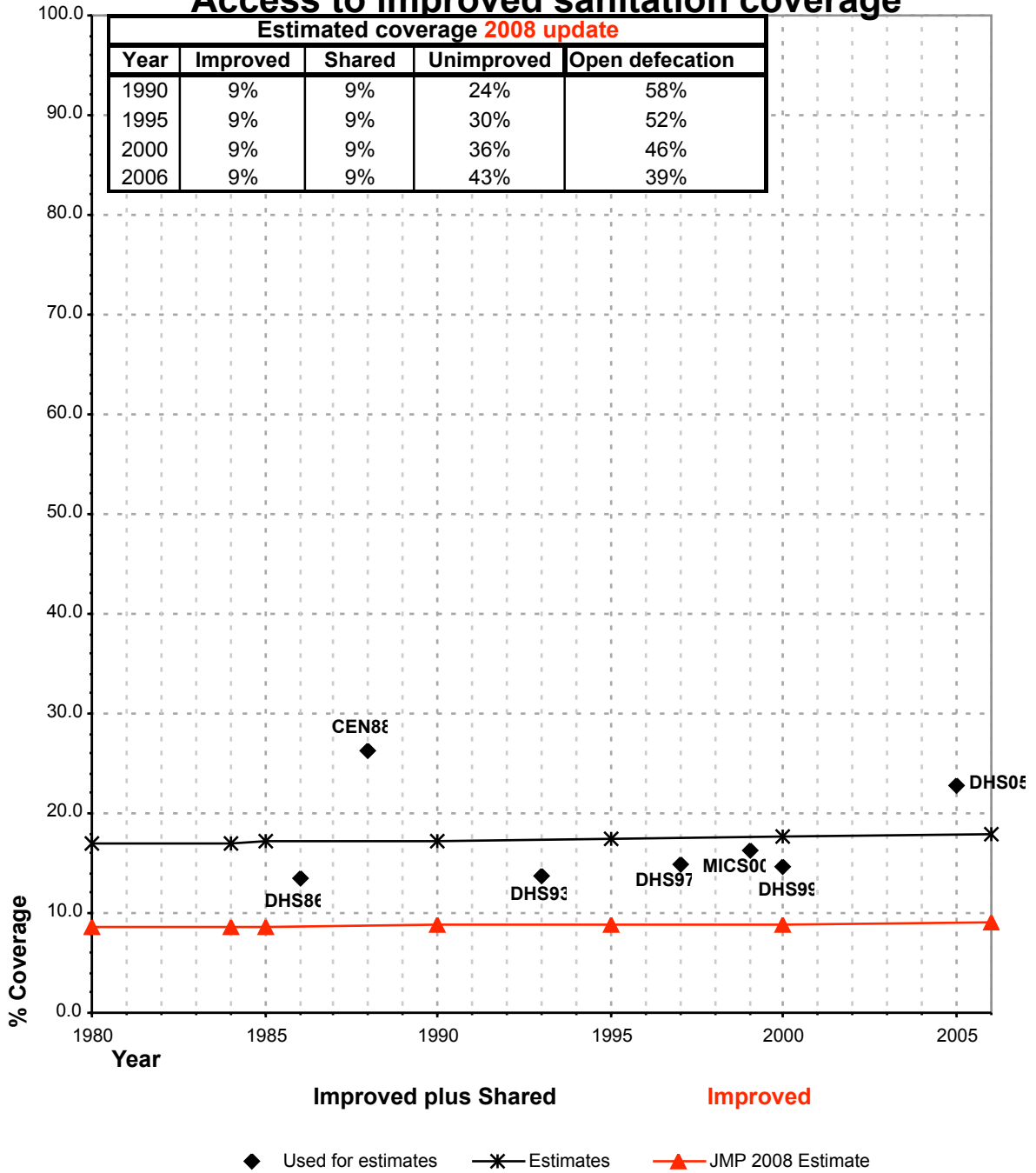
**Improved plus Shared**
**Improved**

◆ Used for estimates
✱ Estimates
▲ JMP 2008 Estimate

**Total access :**

**Sewerage connections :**

# Senegal - rural - Access to improved sanitation coverage



<b>Total access :</b>  <b>Sewerage connections :</b>
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