



**WHO / UNICEF**

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

Coverage Estimates  
**Improved Sanitation**

Updated in June 2006

---

**Senegal**

---

# Senegal

## Survey

DHS	1986	
	Urban	Rural
<b>SANITATION</b>		
WC	22,61	0,1
Latrine	50,19	5,75
Pit	16,81	36,74
No Facilities	8,83	57,35
Other	1,55	0,06
<b>TOTAL</b>	<b>100</b>	<b>100</b>
Private WC corrected for septic tank connection based on MICS ratio	4,6	0,0
*WC corrected for shared WC on basis of DHS 92	12,7	0,1
Estimation of private covered dry latrines, based on WHS03	34,3	16,6
<b>sanitation</b>	<b>47%</b>	<b>17%</b>
% House connections	5%	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
Pit	50	12,4
Latrine	11,1	25,9
No Facilities/Nature	13,3	59,6
Not Defined/Not Specified	0,2	0,3
<b>TOTAL</b>	<b>100</b>	<b>100</b>
Private WC corrected for septic tank connection based on MICS ratio	5,1	0,1
ratio privateWC / all WC	0,56	0,82
Estimate of VIP latrines based on ration MICS 00	27,9	8,1
Estimation of private covered dry latrines, based on WHS03	17,0	11,8
<b>sanitation</b>	<b>59%</b>	<b>21%</b>
% House connections	5%	0%

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
Pit	54,5	16,2
Latrine	11,1	28,7
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</b>	<b>100</b>
Private WC corrected for septic tank connection based on MICS ratio	6,0	0,0
ratio privateWC / all WC	0,63	0,38
Estimate of VIP latrines based on ration MICS 00	30,0	9,5
Estimation of private covered dry latrines, based on WHS03	18,2	13,9
<b>sanitation</b>	<b>65%</b>	<b>24%</b>
% House connections	6%	0%

Source: Senegal Demographic and Health Survey 1997.

DHS	1999	
	Urban	Rural
<b>SANITATION</b>		
Chasse d'eau personnelle	11,4	0,3
Chasse d'eau commune	7,8	0,1
Fosse	16,6	33,9
Latrine	56,2	16,2
No Facilities/Nature	5,9	47,3
Other	1,5	1,8
Not Defined/Not Specified	0,5	0,4
<b>TOTAL</b>	<b>100</b>	<b>100</b>
ratio privateWC / all WC	0,59	0,75
Estimate of VIP latrines based on ration MICS 00	33,3	10,6
Estimation of private covered dry latrines, based on WHS03	20,2	15,5
<b>sanitation</b>	<b>65%</b>	<b>26%</b>
% House connections	11%	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
Latrine a fosse ventilee	36,0	12,0
Edicule public	0,5	0,2
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</b>	<b>100</b>
ratio sewage connection/flush	0,36	0,08
Chasse corrected for chasse commune based on DHS99 ratio	9,0	0,2
Ratio VIP/all latrines + pit	0,46	0,21
Estimation of private flush to septic tank, based on WHS03	22,3	1,7
Estimation of private covered dry latrines, based on WHS03	8,0	16,7
<b>Access to improved sanitation</b>	<b>75%</b>	<b>31%</b>
% House connections	9%	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 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>
Ratio of private among domestic connections	0,89	0,88
Ratio of private among flush to septic tank	0,83	0,78
Ratio of private improved among dry latrines	0,51	0,39
<b>% Private improved sanitation</b>	<b>78%</b>	<b>37%</b>
<b>% Private sewerage connections</b>	<b>32%</b>	<b>5%</b>

Source: World Health Survey, WHO, 2003.

Census 1988		
(Population in thousands)	Urban	Rural
<b>SANITATION</b>		
Sewerage connection	521,0	0,0
Septic tank	1 383,0	457,0
Pit latrine (private)	507,0	831,0
Public toilet	112,0	26,0
Nature	211,0	2 396,0
Other	117,0	82,0
<b>Total population (1988)</b>	<b>2 851,0</b>	<b>3 837,0</b>
Total population served	1 331,4	701,9
Sewerage corrected for shared on basis of DHS 93	293,3	0
Septic tank corrected for shared on basis of DHS 93	778,6181	376,3529
Estimation of private flush to septic tank, based on WHS03	259	326
<b>Population with adequate sanitation</b>	<b>47%</b>	<b>18%</b>
% House connections	10%	0%

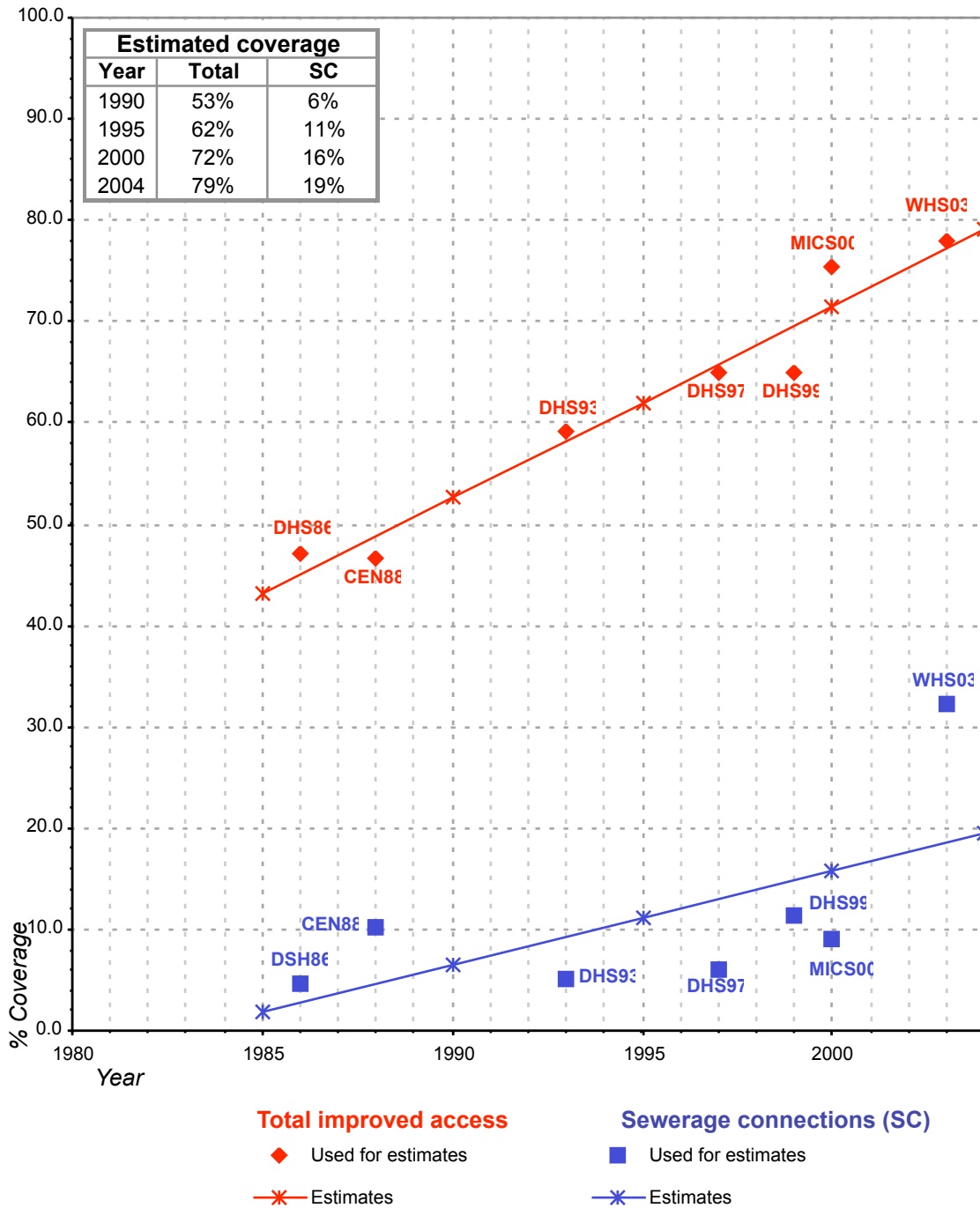
Source: 1988 National census data as recorded on the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.

Estimate 1999		
(Population in thousands)	Urban	Rural
<b>SANITATION</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	5 064,5
Population with adequate sanitation	70%	13%
% House connections	14%	0%

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

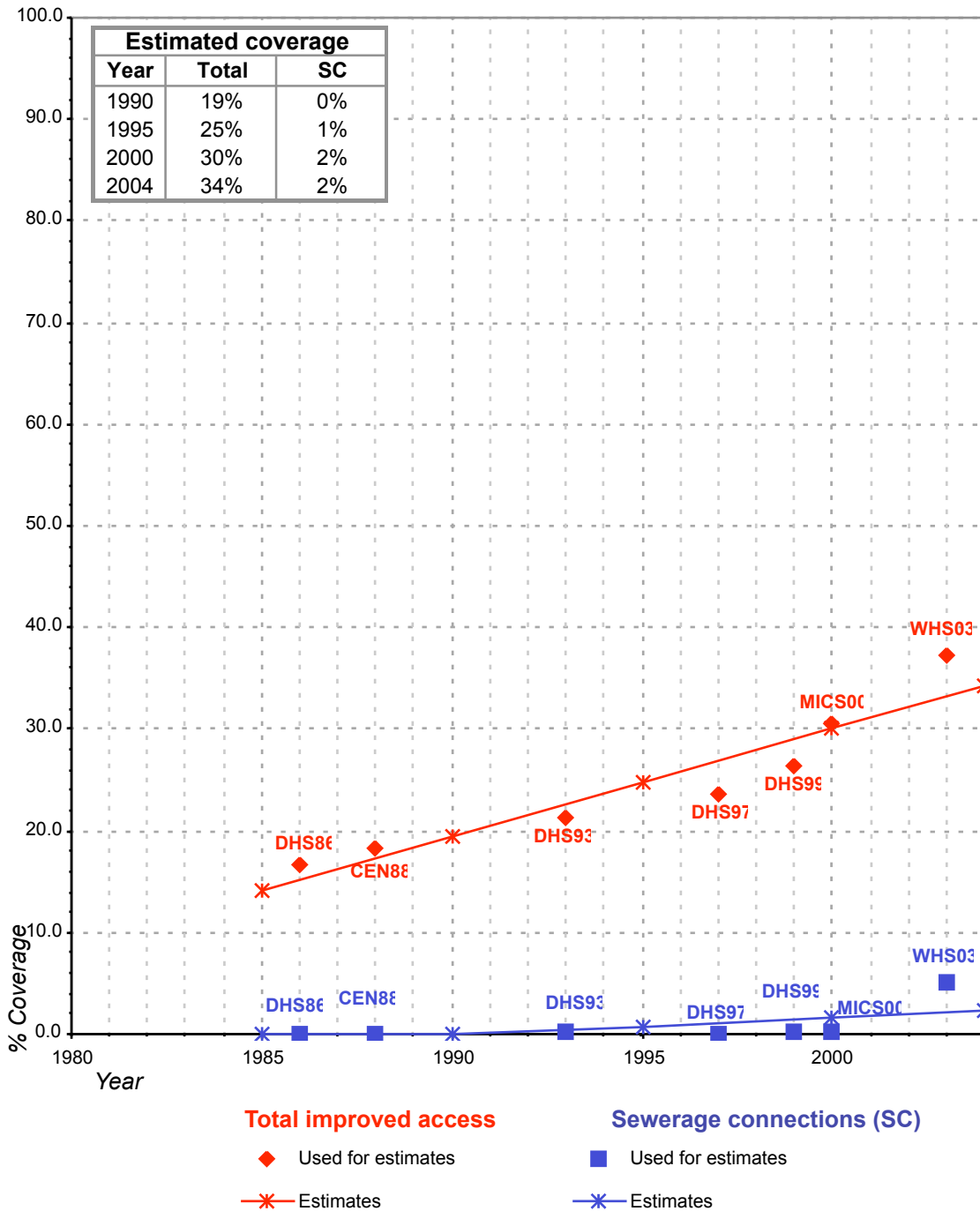
Senegal			SANITATION							
			URBAN				RURAL			
			HC		Total		HC		Total	
Source	Code	Year	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates
The International Drinking Water Supply and 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	4.6		47.0		0.0		16.7	
Source:National census 1988 as recorded on the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.	CEN88	1988	10.3		46.7		0.0		18.3	
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	5.1		59.2		0.1		21.3	
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 Decem	JMP96	1994				83.0				40.0
Senegal Demographic and Health Survey 1997.	DHS97	1997	6.0		65.0		0.0		23.7	
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	11.4		64.9		0.3		26.4	
Rapport de l'enquete sur les objectifs de la fin de decennie sur l'enfance (MICS-II), Gouvernement du Senegal & UNICEF, 2000	MICS00	2000	9.0		75.3		0.2		30.6	
World Health Survey, WHO, 2003.	WHS03	2003	32.3		78.1		5.1		37.3	

# Senegal - urban - Access to improved sanitation coverage



Total access :  
 Sewerage connections :

# Senegal - rural - Access to improved sanitation coverage



**Total access :**

**Sewerage connections :**