



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in June 2006

Nigeria

Urban and Rural Sanitation - Nigeria

Survey

DHS		1990		
Sanitation	URBAN	RURAL	TOTAL	
Flush ¹	29,9	2,1	9,1	
Bucket	1,5	0,3	0,6	
Pit ²	60,4	62,2	61,7	
No facilities	8,1	35,5	28,5	
TOTAL	100	100	100	
1 Flush reduced for a percentage shared toilet on basis of DHS 99	20,2	1,4	6,2	
latrine. 50% estimated to be improved	30,2	31,1	30,9	
access to improved sanitation	50%	33%	37%	
Estimated House connections	22%	5%		

MICS		1995		
Sanitation	Urban	Rural	Total	
Sewage			8	
Septic Tank			2	
VIP			1	
Pit Covered			46	
Pit Uncovered			13	
Other			3	
No Facilities			27	
Total			100	
Ratio covered pit sanitation	82%	48%	57%	

MICS		1999		
Sanitation	Urban	Rural	Total	
Flush to sewage system*	29,4	5,7	12,2	
Improved pit latrine	3,1	0,5	1,2	
Sanplat	1,4	2,1	1,9	
Traditional pit latrine	41,3	36,1	37,5	
Open pit	10,0	16,8	14,9	
Others	0,9	1,7	1,5	
None	13,8	37,2	30,9	
Total	99,9	100,1	100,1	
* Flush to sewage reduced for a percentage shared toilet on basis of DHS 99	19,9	3,8	8,3	
50% of traditional pit latrine estimated to be improved sanitation	20,7	18,1	18,8	
% House connections	20%	4%	8%	

General Household Survey

The segregation in urban, semi-urban and rural makes these survey incomparable with other survey data.

Sanitation	1991		
	Urban	Semi-Urban	Rural
Pit	76,51	65,63	42,61
Pail	2,99	4,69	0,42
Water Closet	13,25	1,56	1,73
Toilet on Water	4,09	3,65	5,69
Bush/Dung Hill	3,17	11	48
TOTAL	100,01	86,53	98,45
Pit considered traditional pit latrine. 50% estimated to be improved	38,3	32,8	21,3
access to improved sanitation	52%	34%	23%

Sanitation	1992		
	Urban	Semi-Urban	Rural
Pit	74,08	72,02	42,04
Pail	3,02	1,08	0,09
Water Closet	14,06	1,05	2,01
Toilet on Water	3,02	3	2,05
Bush/Dung Hill	4,02	21,05	52,01
TOTAL	98,2	98,2	98,2
Pit considered traditional pit latrine. 50% estimated to be improved	37,0	36,0	21,0
sanitation	51%	37%	23%

DHS 1999			
Sanitation	Urban	Rural	Total
Own water closet	20,7	2,9	8,3
Shared flush toilet (W.C.)	9,9	1,4	3,9
Traditional pit latrine*	46,4	56,7	53,6
Ventilated Improved pit latrine	8,8	5,2	6,3
Bucket toilet	0,3	0,1	0,1
No facility/bush/field/river	12,3	32,1	26,1
Other	0,6	0,1	0,3
Missing	1,2	1,5	1,4
Total	100,2	100,0	100,0
50% of traditional pit latrine estimated to be improved	23,2	28,4	26,8
Ratio shared flush/flush	0,32	0,33	0,32
access to improved sanitation	53%	36%	41%
Estimated House connections	23%	6%	

DHS 2003		
SANITATION	Urban	Rural
Flush toilet	28,7	6,7
Ventilated improved pit (vip)	5,5	1,9
Traditional pit toilet Bush/field	55,6	56,9
	9,7	31,6
River	0,3	2,7
Other	0,1	0
TOTAL	100	100
Estimation of own flush toilet	19,4	4,5
50% of traditional pit latrine estimated to be improved	27,8	28,5
Access to improved sanitation	53%	35%
Estimated House connections	23%	5%

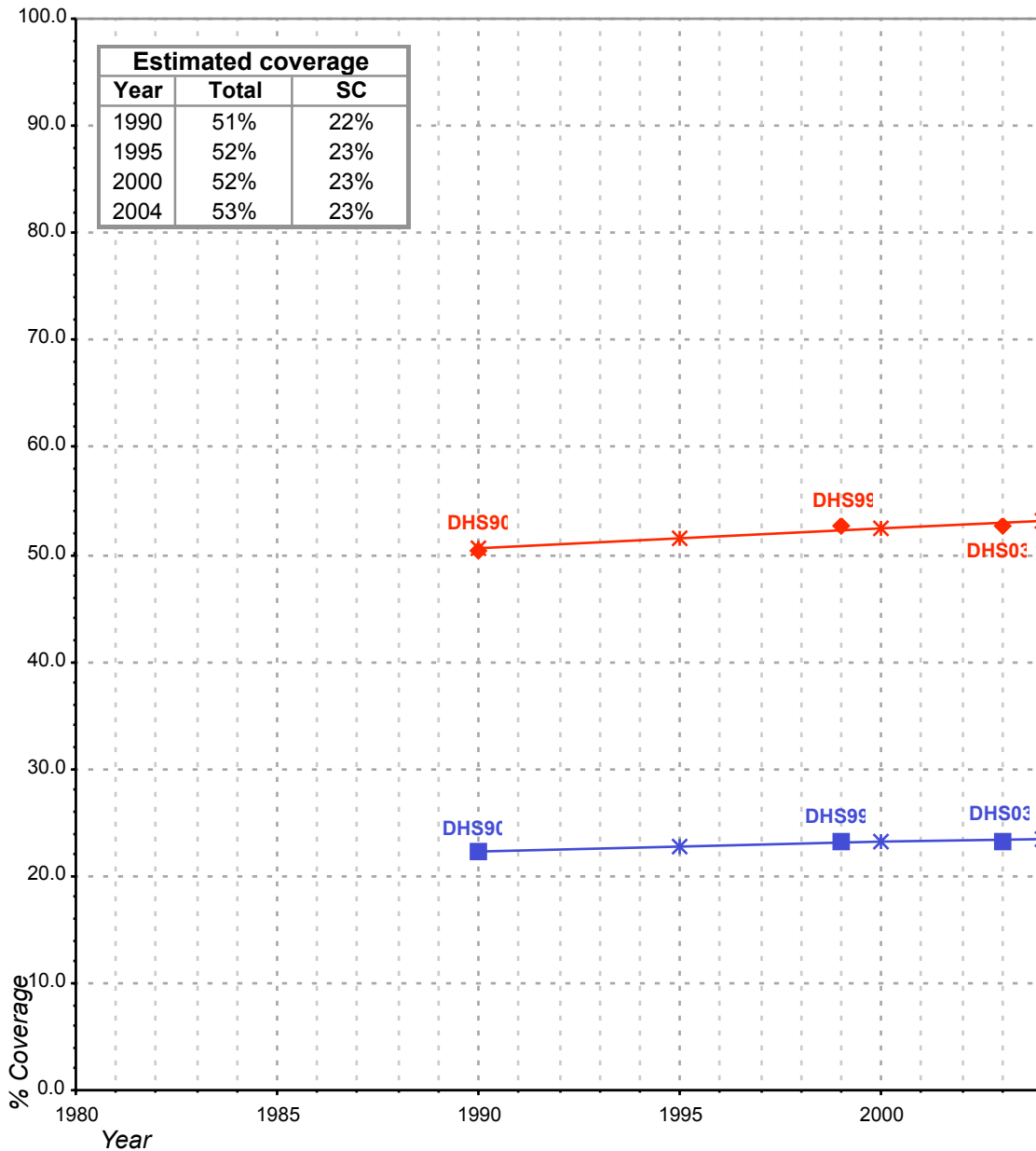
Source: Nigeria Demographic and Health Survey 2003.

Census 1996		
Sanitation	URBAN	RURAL
Water closet	14,06	2,01
Pit Latrine	74,08	42,04
Pail	3,02	0,09
Toilet on water	3,02	2,05
Bush/Dung hill	4,02	52,01
TOTAL	98,2	98,2
access to improved sanitation	88%	44%

Estimate FORM6/WHO 1999		
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	26401	20389
Total population served	26401	20389
Total population unserved	25879	31891
Total population	52280	52280
access to improved sanitation	50%	39%
% House connections	0%	0%

Nigeria			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								
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO83	1983								
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988								
The International Drinking Water Supply and Sanitation Decade. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990				80.0				11.0
Nigeria Demographic and Health Survey 1990. Federal Office of Statistics. Demographic and Health Surveys, IRD/Macro International, Inc.Westinghouse. April 1992.	DHS90	1990	22.3		50.4		5.1		32.5	
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				40.0				30.0
General household survey 1991	GHS91	1991								
General household survey 1992	GHS92	1992								
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1994				61.0				21.0
Multiple Indicator Cluster Survey, 1995. Federal Office of Statistics. UNICEF. March 1995.	MICS95	1995				82.0				48.0
Results of baseline studies on water supply and sanitation conducted by federal ministry of water resources and rural development, UNICEF assisted national water supply and	WSS95	1995		40.0		61.0		2.0		31.0
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		0.0		50.0		0.0		39.0
Nigeria, Demographic and Health Survey, 1999, National Population Commission, Abuja, Nigeria, December 2000	DHS99	1999	23.3		52.7		5.7		36.5	
Multiple Indicator Cluster Survey, 1999.	MICS99	1999		19.9		45.0		3.8		24.5
Nigeria Demographic and Health Survey 2003	DHS03	2003	23.3		52.7		5.5		34.9	

Nigeria - urban - Access to improved sanitation coverage



Total improved access

◆ Used for estimates

✱ Estimates

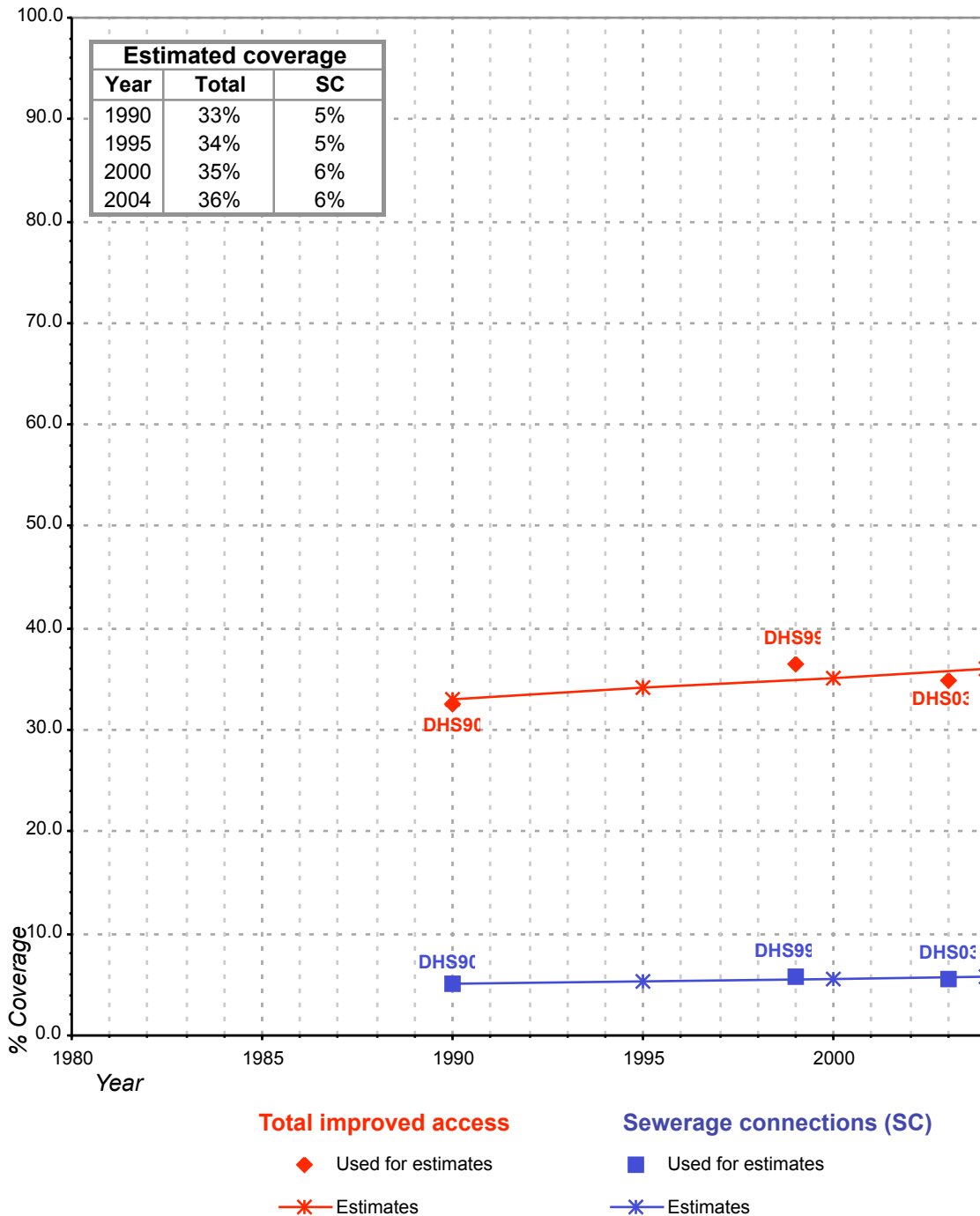
Sewerage connections (SC)

■ Used for estimates

✱ Estimates

Total access : The MICS95 has not been used because no detailed information is available.
The MICS 99 has not properly weighted the data and is therefore not used for estimates.
Sewerage connections :

Nigeria - rural - Access to improved sanitation coverage



Total access : The MICS95 has not been used because no detailed information is available.
The MICS 99 has not properly weighted the data and is therefore not used for estimates.

Sewerage connections :