



WHO / UNICEF

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

**Coverage Estimates
Improved Sanitation**

Updated in July 2008

Namibia

Namibia

Sui

DHS	1992	
SANITATION	Urban	Rural
Own flush toilet	82.8	5.6
Traditional pit toilet	2.7	7.8
Ventilated improved pit latrine	0.6	0.4
Bucket	2.5	1.8
No facility/ bush	11.1	84.2
Other	0	0
Missing info.	0.3	0.2
TOTAL	100	100
ratio VIP/all latrines	0.18	0.05
50% of traditional pit considered improved	1.4	3.9
Access to improved sanitation	85%	10%
Estimation of private sewerage connections	#REF!	#REF!

Source: Namibia DHS, 1992

DHS	2000	
SANITATION	Urban	Rural
Flush to sewage system or septic tank*	64.5	8.2
Pour Flush Toilet*	13	1.1
Ventilated improved pit latrine	2.1	2.9
Traditional Pit latrine**	4.9	7.6
Bucket	1.1	1.2
No facility/bush/field	11.4	78.5
Other	2.5	0.1
Missing	0.4	0.5
TOTAL	100	100
improved	2.5	3.8
Access to improved sanitation	82%	16%
Estimation of private sewerage connections	#REF!	#REF!

Source: Namibia DHS report, 2000

veys

Census		2001		
		Urban	Rural	Total
SANITATION				
Flush toilet not shared		47.5	6.1	22.5
Flush toilet shared		25	3.4	11.9
Ventilated improved pit latrine		2.1	2	2
Pit/Long drop		5.7	8.1	7.1
Bucket/Pail		1.6	1.5	1.5
Bush		17.4	78.3	54.2
Other		0.5	0.2	0.3
Missing		0.3	0.4	0.4
TOTAL		100.1	100.0	99.9
Ratio Not shared/all flush toilets		0.66	0.64	0.65
50% of pit considered improved		2.9	4.1	
Access to improved sanitation		77%	16%	
Estimation of private sewerage connections		44%	6%	

Source: Namibia Census, 2001

WHS		2003	
Proportion shared improved facilities/all improved facilities		13.9%	17.1%
SANITATION		Urban	Rural
Private domestic connection to sewerage system		55.4	12.5
Shared domestic connection to sewerage system		6.8	1.5
Private flush to septic tank		4.7	0.6
Shared flush to septic tank		0.3	0.2
Private pour flush latrine		1.3	1.1
Shared pour flush latrine		0.5	0.3
Private covered dry latrine (with privacy)		4.3	5.6
Shared covered dry latrine (with privacy)		2.9	2.1
Uncovered dry latrine (without privacy)		1.9	4.4
Bucket latrine (where fresh excreta are manually removed)		1.2	2.3
No facilities (open defecation)		20.5	64.8
Other		0.2	4.7
TOTAL		100.0	100.0
Ratio of private domestic connections to sewerage/all flush		0.82	0.85
Ratio of private among flush to sewerage system or septic tank		0.89	0.89
Ratio of private among pour flush latrine		0.70	0.77
Ratio of private domestic connections to sewerage/all private flush		0.92	0.96
Ratio of private latrines with privacy (*)		0.47	0.46
Access to improved sanitation		76%	24%
% Private sewerage connections		55%	13%

Source: World Health Survey, WHO, 2003.

Census

CENSUS	1991	
(Population in thousands)		
SANITATION	Urban	Rural
Water Closet Own	250.273	66.771
Water Closet Shared	62.760	35.953
Pit*	9.567	46.226
Bucket/Pail	11.098	28.763
Bush	47.452	846.446
Not Defined	1.530	3.040
Total Population	382.680	1'027.199
Total Population Served	314.772	104.979
Estimates VIP based on ratio DHS92	1.739	2.255
<i>Ratio WC Own/Total</i>	<i>0.80</i>	<i>0.65</i>
50% of pit considered improved	4.8	23.1
Access to improved sanitation	83%	12%
Estimation of private sewerage connections	60%	6%

Source: 1991 National Census data as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.

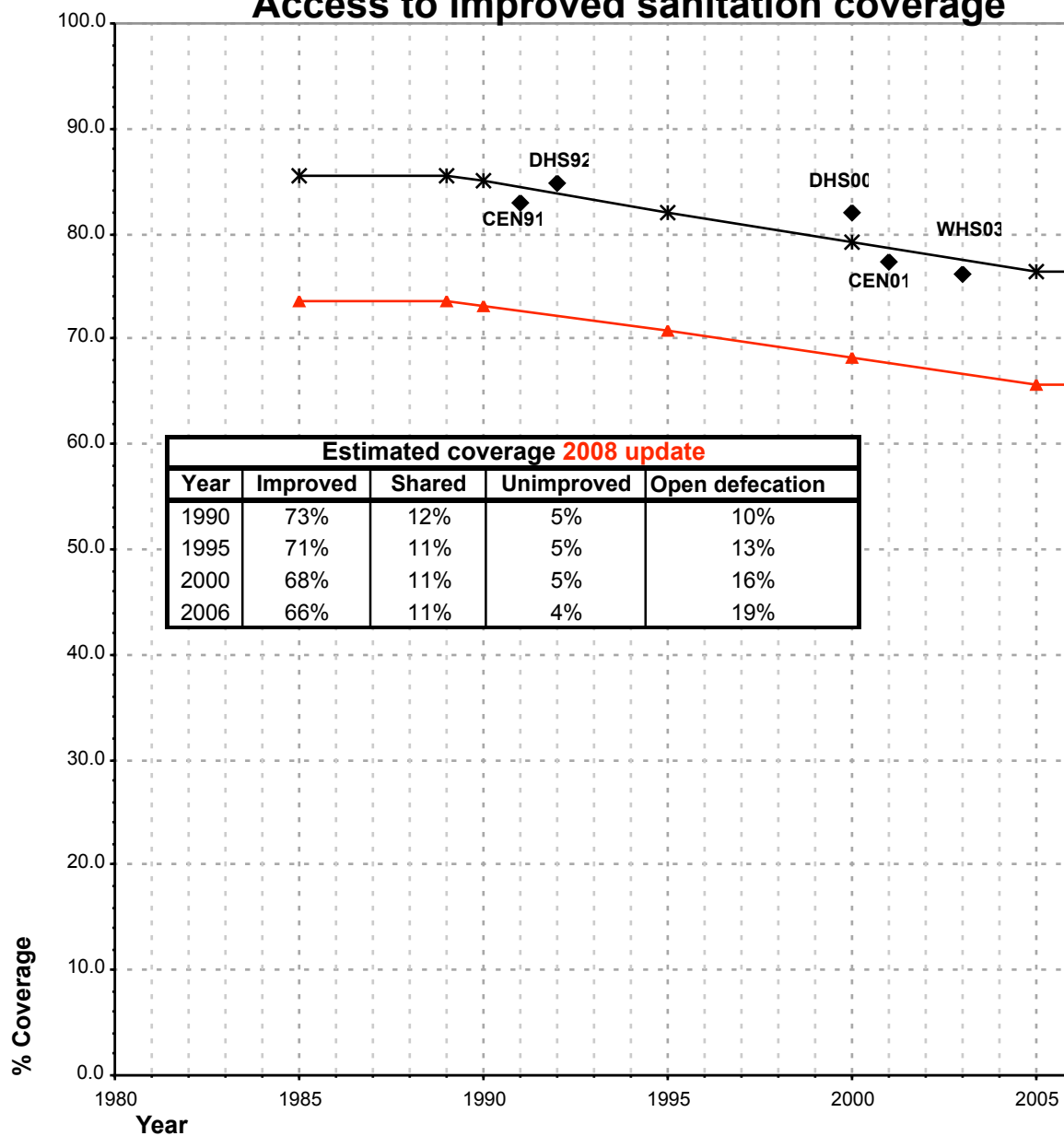
Estimate

FORM6/WHO	1999	
(Population in thousands)		
SANITATION	Urban	Rural
Population served with household connections to conventional sewers	349.751	0.000
Population without household connections but served with adequate, private or shared on-site system	50.102	257.516
Total population served	399.853	257.516
Total population unserved	15.761	1'231.014
Total population	415.614	1'488.530
Population with adequate sanitation	96%	17%
% House connections	84%	0%

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

Namibia			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. End of Decade Review (as at December 1990). WHO1992.	WHO90	1990				24.0				11.0				
1991 National Census data as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.	CEN91	1991	60.3		83.1		6.2		12.3		12.4		82.4	
Government of Namibia, Demographic & Health Survey, 1992.	DHS92	1992	#REF!		84.8		#REF!		9.9		11.1		84.2	
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1993				77.0				12.0				
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		84.2		96.2		0.0		17.3				
Namibia DHS, preliminary report, 2000	DHS00	2000	#REF!		82.1		#REF!		16.0		11.4		78.5	
Namibia, Census 2001	CEN01	2001	43.8		77.5		5.8		15.6		17.4		78.3	
World Health Survey, WHO, 2003.	WHS03	2003		53.7	76.2	61.6		12.4	23.9	21.0	20.5		64.8	
Namibia Household Income and Expenditure Survey, 2003-2004	NHIE04	2004												

Namibia - urban - Access to improved sanitation coverage



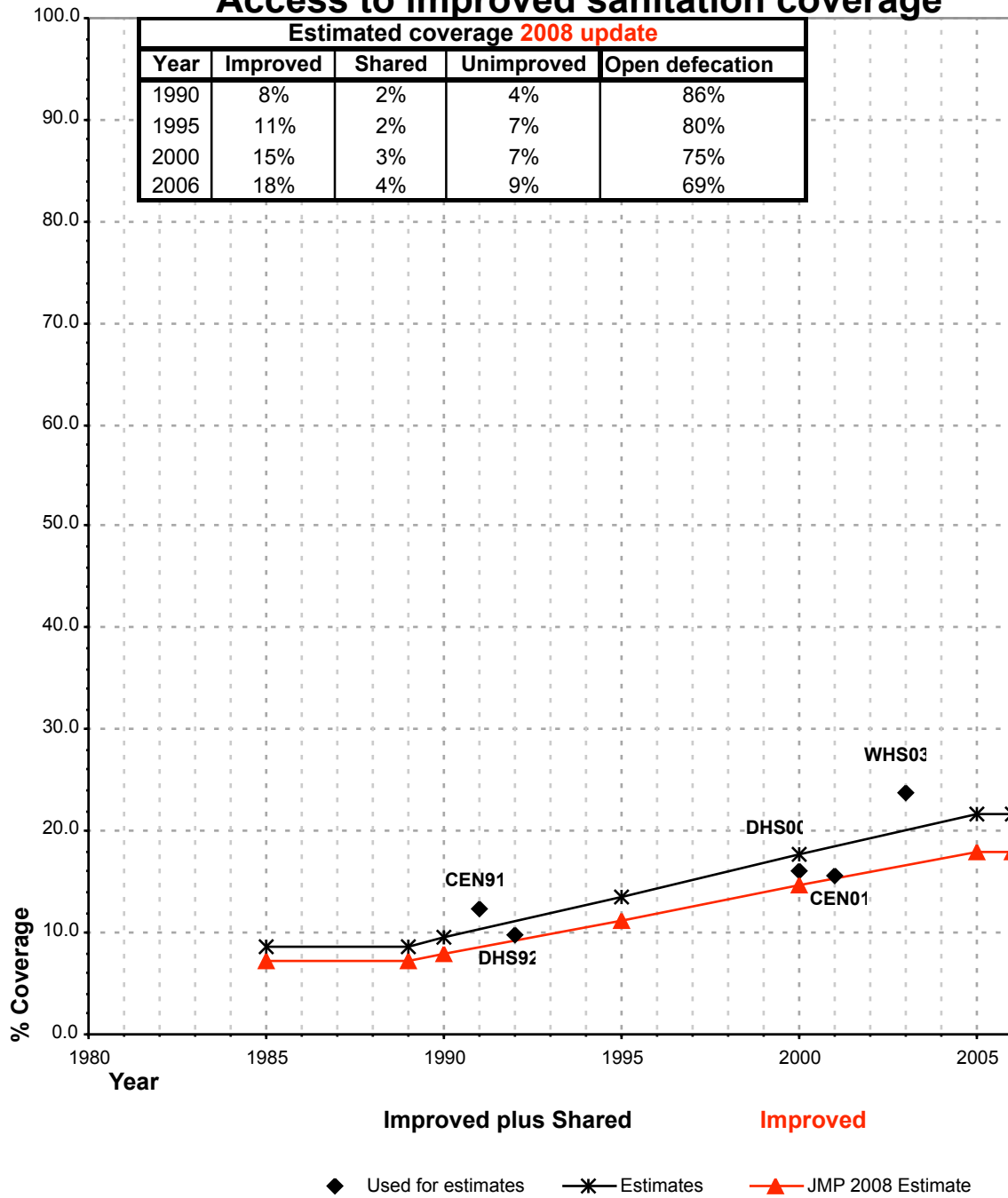
Improved plus Shared

Improved

◆ Used for estimates * Estimates ▲ JMP 2008 Estimate

Total access :

Namibia - rural - Access to improved sanitation coverage



Total access :