



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in June 2006

Chad

Chad

Survey

DHS	1997	
SANITATION	Urban	Rural
WC	1	0
Simple Pit	50.4	10.6
Improved Pit	27.3	0.6
No Facilities/Nature	21.1	88.5
Other/Not Defined	0.2	0.3
TOTAL	100	100
<i>ratio improved pit/all pit</i>	<i>0.35</i>	<i>0.05</i>
Estimation of private among improved pit, based on WHS03	15.2	0.3
Estimation of private improved simple pit based on WHS03	15.3	2.8
% Private improved sanitation	32%	3%

Source: Chad Demographic and Health Survey 1997.

MICS	2000	
SANITATION	Urban	Rural
Toilette/chasse d'eau	0.9	0.0
Latrine à évacuation	3.8	0.0
Latrine à ventilation	1.3	0.0
Latrine traditionnelle	66.6	9.4
Trou ouvert	10.0	2.1
Manquant	0.2	0.1
Pas de toilette/nature	17.3	88.4
Total	100.1	100.0
Private latrine a évacuation based on WHS03	1.6	0.0
among traditional latrines, based on WHS03	20.2	2.5
Estimation of private latrine a ventilation, based on WHS03	0.7	0.0
% Private improved sanitation	23%	3%
% House connections		

Source: Enquete de grappes a indicateurs multiples, Republique du Chad, 2000

WHS	2003	
SANITATION	Urban	Rural
Private domestic connection to sewage system	2.8	0.3
Shared domestic connection to sewage system	0.8	0.4
Private flush to septic tank	0.7	0.3
Shared flush to septic tank	2.0	1.1
Private pour flush latrine	0.7	0.2
Shared pour flush latrine	0.9	0.2
Private covered dry latrine (with privacy)	18.9	3.4
Shared covered dry latrine (with privacy)	15.0	3.1
Uncovered dry latrine (without privacy)	28.3	6.3
Bucket latrine (where fresh excreta are manually removed)	11.6	1.2
No facilities (open defecation)	14.7	82.1
Other	3.8	1.2
TOTAL	100.0	100.0
Ratio of private among covered dry latrine (with privacy)	0.56	0.52
Ratio of private covered latrine among dry latrine	0.30	0.27
Ratio private pour flush latrine/all flush latrines	0.41	0.50
% Private improved sanitation	23%	4%
% Private sewerage connections	3%	0%

Source: World Health Survey, WHO, 2003.

Census

Census	1993	
(Population in thousands)	Urban	Rural
WC	31.80	14.60
Pit	943.00	321.40
Nature	349.70	4'533.00
Total population (1993)	1'324.50	4'869.00
* Estimation of private improved pit based on DHS97 and WHS03 ratios	286	86
Total population served	318	101
% Private improved sanitation	24%	2%

Source: 1993 Census as recorded in the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.

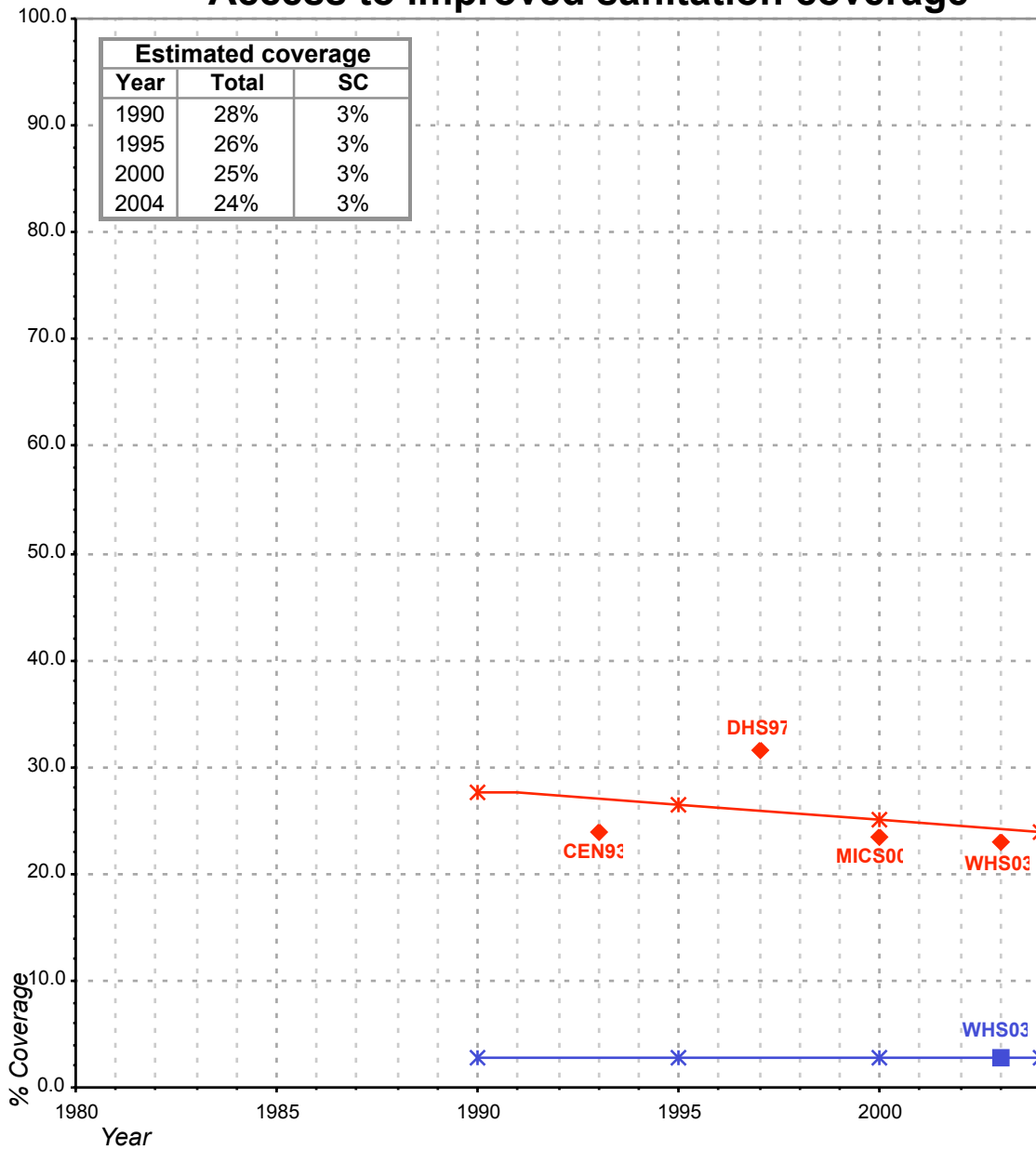
Estimate

FORM6/WHO	1999	
(Population in thousands)	Urban	Rural
Population served with household connections to conventional sewers	0.00	0.00
Population without household connections but served with adequate, private or shared on-site system	31.80	14.60
Total population served	31.80	14.60
Total population unserved	1'292.70	4'854.40
Total population	1'324.50	4'869.00
Population with adequate sanitation	2%	0%
% House connections	0%	0%

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

Chad			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
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991								
Chad National Census, 1993 as recorded on Form 4 of the Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999.	CEN93	1993			24.0				2.1	
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1994				59.0				
Chad Demographic and Health Survey 1997.	DHS97	1997			31.5				3.1	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1999		0.0		2.0		0.0		0.0
Enquete de grappes a indicateurs multiples, Republique du Chad, 2000	MICS00	2000			23.4				2.5	
World Health Survey, WHO, 2003.	WHO03	2003	2.8		23.0		0.3		4.3	

Chad - urban - Access to improved sanitation coverage



Total improved access

◆ Used for estimates

✱ Estimates

Sewerage connections (SC)

■ Used for estimates

✱ Estimates

Total access : Estimation of private improved sanitation.

Sewerage connections :

Chad - rural - Access to improved sanitation coverage

