



WHO / UNICEF

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

Coverage Estimates
Improved Sanitation

Updated in July 2008

Chile

Estimate based on Census 91

OMS/OPS		1991	
SANITATION	Urban (a)	Rural (b)	
Poblacion servida con conexion domiciliaria a la red de alcantarillado	89.5	5.1	
Sin conexion pero con sistema adecuado (principalmente fosa septica y pozo absorbente). Urban:excluye pozo negro (pit latrine), Rural:incluye pozo negro.	3.8	90.9	
Sin servicio adecuado	6.7	4.0	
TOTAL	100	100	
Access to improved sanitation	93%		
% House connections	90%	5%	

Open defecation

Source: Evaluacion global de los servicios de agua potable y saneamiento, OMS/OPS-UNICEF, diciembre de 1999

Survey

LSMS		1998	
SANITATION	Urban	Rural	
Excusado conectado al alcantarillado	89.3	4.9	
Excusado conectado a fosa septica	2.9	19.1	
Letrina conectada a pozo negro	1.0	6.6	
Cajon sobre pozo negro	3.3	65.6	
Cajon sobre acequia o canal	0.0	0.3	
Cajon conectado a otro sistema	0.1	0.1	
No tiene	3.5	3.5	
TOTAL	100	100	
50% Letrina conectado a pozo negro and cajon considered improved	2	36	
Access to improved sanitation	94%	60%	
% House connections	89%	5%	

Open defecation

4% 4%

Source: Desigualdades en el acceso, uso y gasto con el agua potable en America Latina y el Caribe, Chile, PAHO, Feb 2001, table prepared by PAHO, using CASEN98

Urban and Rural Sanitation - Chile

Census

CENSUS		1991*	
(Population in thousands)			
SANITATION	Urban	Rural	
Sewerage System with Septic Tank	8'879	281	
Dry Pit Latrine (<i>Cajón sobre pozo</i>)	1'841	1'706	
Simple Pit (<i>Cajón sobre acequia</i>)	21	19	
Other (eg. Chemical bath)	11	6	
No Facility	198	134	
Total Population Served	9810	1144	
TOTAL	10'950	2'146	
50% dry pit and simple pit considered improved	931	863	
Access to improved sanitation	90%	53%	
% House connections	81%	13%	
Open defecation	2%	6%	

Source: National Census, Chile, c.1991.

Census		1992	
SANITATION	Urban	Rural	
Sewer system, septic tank	81.1	13.1	
Pit latrine	16.8	79.4	
Drain, canal	0.2	0.9	
Other system	0.1	0.3	
Does not have	1.8	6.3	
TOTAL	100.0	100.0	
50% of Pit considered Improved	8.4	39.7	
Access to improved sanitation	89%	53%	
% House connections	0%	0%	
Open defecation	2%	6%	

Source: Chile census 1992 (10% micro dataset from IPUMS).

* Date estimated from population

Estimate

Census 2002		
SANITATION	Urban	Rural
Connected to sewer systemn	95.1	50.3
Connected to a septic tank	0.1	0.6
Latrine over a pit	2.4	42.7
Latrine over a river or canal	0.0	0.2
Chemical	0.0	0.1
Does not have	0.4	2.9
Missing	1.9	3.2
TOTAL	100.0	100.0
50% of Pit considered Improved	1.2	21.4
Access to improved sanitation	96%	72%
% House connections	95%	50%
Open defecation	0%	3%

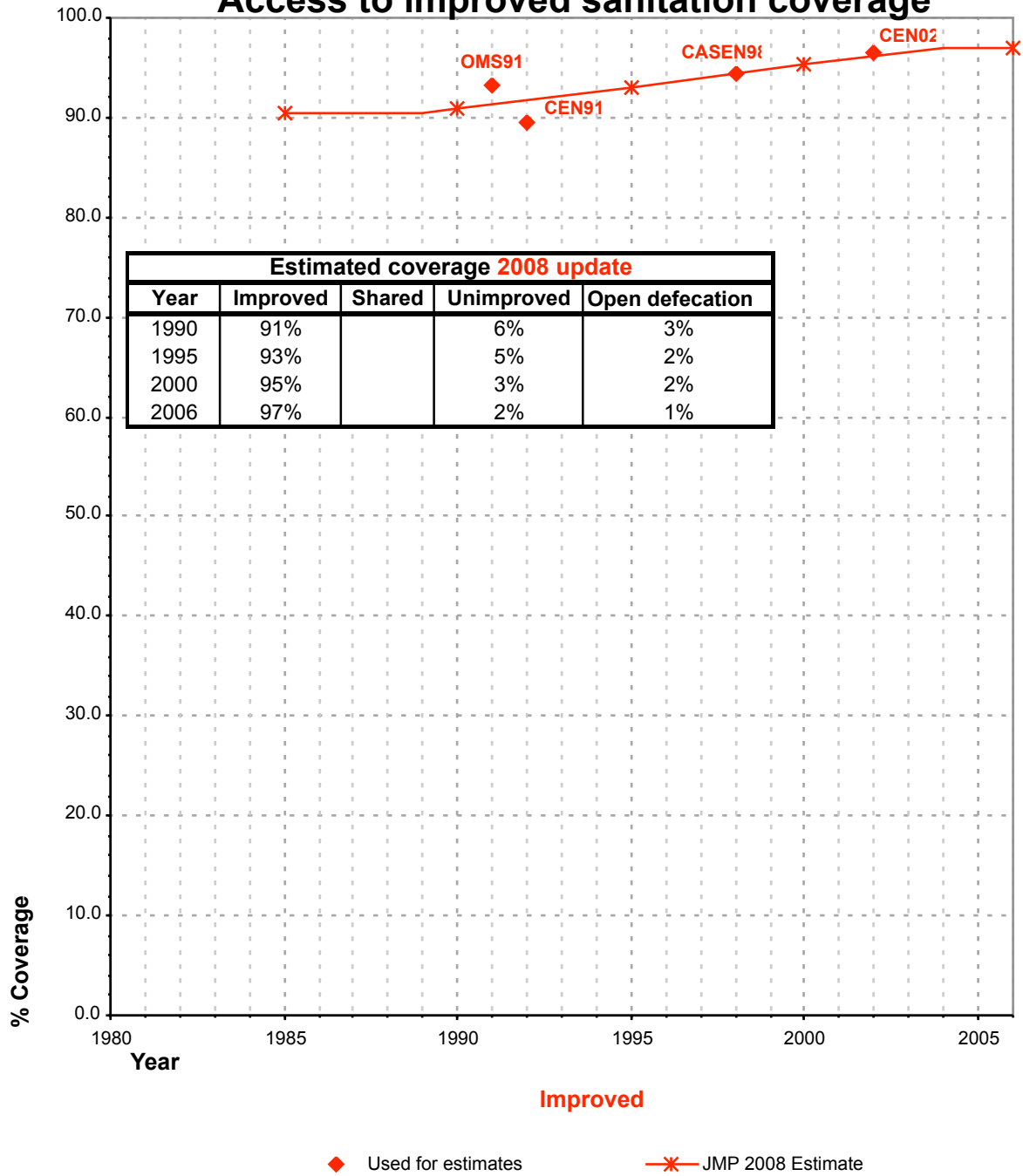
Source: Chile census 2002 (10% micro dataset from IPUMS).

FORM6/WHO 1999		
(Population in thousands)		
SANITATION	Urban	Rural
Population served with household connections to conventional sewers	11'387	112
Population without household connections but served with adequate, private or shared on-site system	483	154
Total population served	11'870	266
Total population unserved	853	1'931
Total population	12'723	2'197
Access to improved sanitation	93%	12%
% House connections	89%	5%
Open defecation		

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

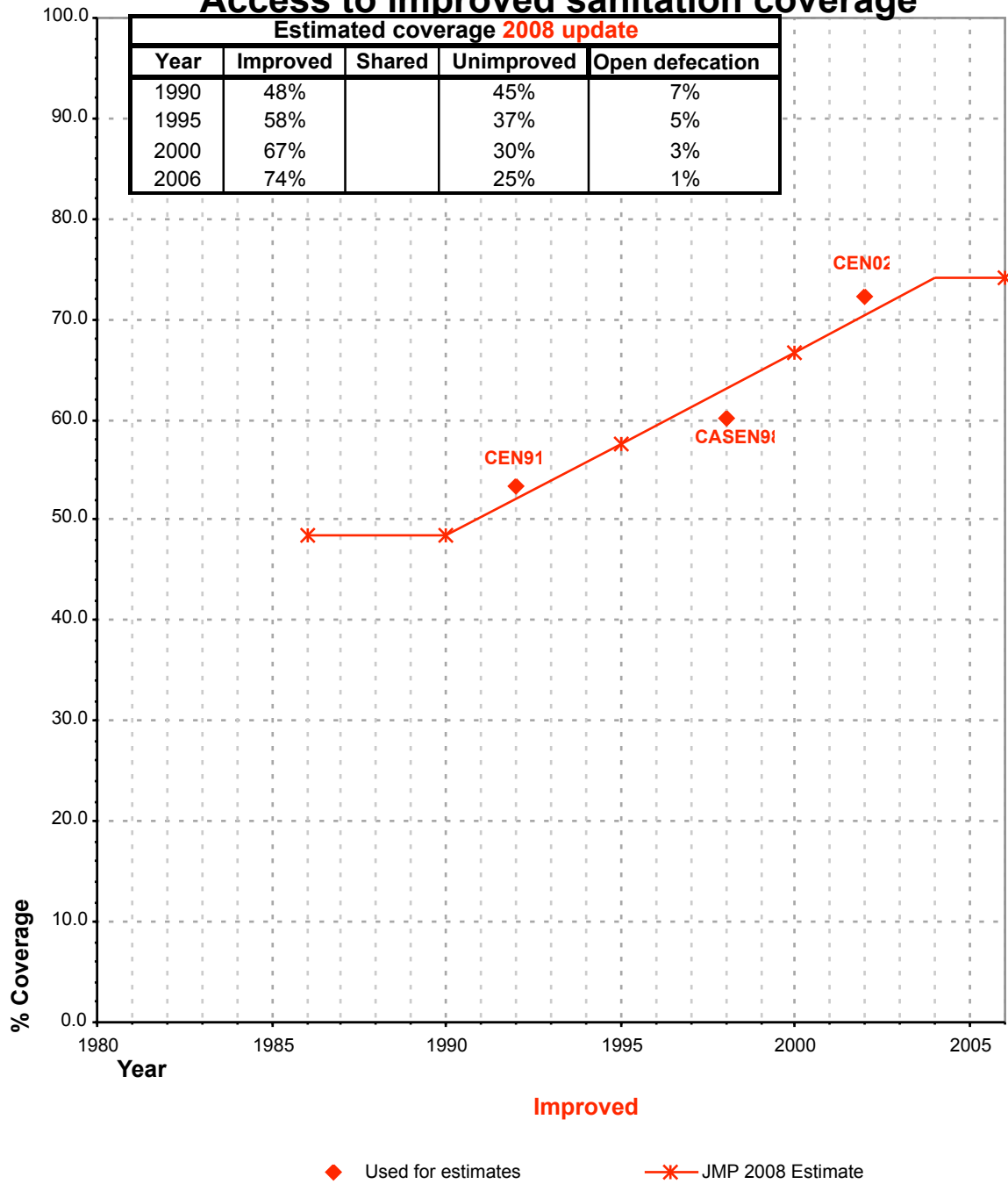
Chile			SANITATION											
			URBAN				RURAL				OPEN DEFECACTION			
			HC		Total		HC		Total		Urban		Rural	
Source	Code	Year	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for 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		69.0		99.0								
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1983). WHO 1986.	WHO83	1983		71.0		100.0				4.0				
The International Drinking Water Supply and Sanitation Decade. Review of Mid-Decade Progress (as at December 1985). WHO 1987.	WHO85	1985		75.0		100.0				4.0				
The International Drinking Water Supply and Sanitation Decade. Review of National Progress (as at December 1988). WHO 1990.	WHO88	1988		82.0		100.0				6.0				
Chile census 1992 (10% micro dataset from IPUMS).	CEN92	1992		81.1	89.6			13.1	53.3		1.8		6.3	
Evaluacion global de los servicios de agua potable y saneamiento, OMS/OPS-UNICEF, diciembre de 1999	OMS91	1991	89.5		93.3		5.1							
Water Supply and Sanitation Sector Monitoring Report 1993 (Sector Status as of 31 December 1991)	JMP93	1991				100.0				20.0				
Water Supply and Sanitation Sector Monitoring Report - 1996. Sector Status as of 31 December 1994. WHO/UNICEF 1996.	JMP96	1994				82.0								
Desigualdades en el acceso, uso y gasto con el agua potable en America Latina y el Caribe, Chile, PAHO, Feb 2000, using CASEN98	CASEN98	1998	89.3		94.4		4.9		60.1		3.5		3.5	
Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. (Form 6 sent to WHO)	JMP99	1998		89.5		93.0		5.1		94.0				
Chile census 2002 (10% micro dataset from IPUMS).	CEN02	2002			96.4				72.2		0.4		2.9	

Chile - urban - Access to improved sanitation coverage



Total access :

Chile - rural - Access to improved sanitation coverage



Total access :