

**WHO / UNICEF**

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

Estimates for the use of

**Improved Drinking-Water Sources  
and Improved Sanitation Facilities**

Updated March 2010

[childinfo.org](http://childinfo.org)

Use of sanitation facilities		CEN90			Mexico			Use of sanitation facilities		CEN95			Mexico		
National Census					1990			National Census					1995		
10% micro dataset from IPUMS								10% micro dataset from IPUMS							
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Flush and pour flush	to piped sewer system	60.7	8.9		Lavatory or sanitary service (Septic) tank	to piped sewer system	82.2	33.9							
	to septic tank	55.0	3.8			to septic tank	77.6	27.0							
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere	1.0	1.3			to elsewhere									
Flush to system	to piped sewer system	60.7	8.9		Flush to system	to piped sewer system									
	to septic tank	55.0	3.8			to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere	1.0	1.3			to elsewhere									
Flush to septic tank	to piped sewer system				Private flush/toilet	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Flush elsewhere	to piped sewer system				Public/shared flush/toilet	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Private flush/toilet	to piped sewer system				Private flush/toilet	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Public/shared flush/toilet	to piped sewer system				Public/shared flush/toilet	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Latrines	to piped sewer system	26.2	31.6		Latrines	to piped sewer system	11.1	29.5							
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Pour flush latrines	to piped sewer system				Pour flush latrines	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Private pour flush latrine	to piped sewer system				Private pour flush latrine	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Public/shared pour flush latrine	to piped sewer system				Public/shared pour flush latrine	to piped sewer system									
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Dry latrines	to piped sewer system	26.2	31.6		Dry latrines	to piped sewer system	11.1	29.5							
	to septic tank					to septic tank									
	to pit					to pit									
	to unknown place/ not sure/DK					to unknown place/ not sure/DK									
	to elsewhere					to elsewhere									
Improved latrines	Ventilated Improved Pit latrine				Improved latrines	Ventilated Improved Pit latrine	6.3	17.9							
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine	6.3	17.9							
	Traditional latrine	26.2	31.6			Traditional latrine									
	Pit latrine without slab/open pit					Pit latrine without slab/open pit	4.8	11.6							
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine									
Private Latrines	Ventilated Improved Pit latrine				Private Latrines	Ventilated Improved Pit latrine									
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine									
	Traditional latrine					Traditional latrine									
	Pit latrine without slab/open pit					Pit latrine without slab/open pit									
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine									
Public/shared Latrines	Ventilated Improved Pit latrine				Public/shared Latrines	Ventilated Improved Pit latrine									
	Pit latrine with slab/covered latrine					Pit latrine with slab/covered latrine									
	Traditional latrine					Traditional latrine									
	Pit latrine without slab/open pit					Pit latrine without slab/open pit									
	Hanging toilet/hanging latrine					Hanging toilet/hanging latrine									
Composting toilets	Composting toilet (private)				Composting toilets	Composting toilet (private)									
	Composting toilet (shared)					Composting toilet (shared)									
	Other					Other									
	Other					Other									
	Other					Other									
No facility, bush, field	Does not have sanitary service	12.4	58.4		No facility, bush, field	Does not have sanitary service	6.7	37.2							
	Other					Other									
	Other					Other									
	Other					Other									
	Other					Other									
DK/missing information	DK/missing information	0.7	1.1		DK/missing information	DK/missing information									
	Other					Other									
	Other					Other									
	Other					Other									
	Other					Other									
Calculations	Total	100.0	100.0		Calculations	Total	100.0	100.0							
	Other					Other									
	Other					Other									
	Other					Other									
	Other					Other									
Estimations	50% of traditional latrines considered improved	24.6	30.6		Estimations										
	Other					Other									
	Other					Other									
	Other					Other									
	Other					Other									
Access to improved sanitation :		84%	38%		Access to improved sanitation :		88%	51%							
Access to sewerage connections :		55%	4%		Access to sewerage connections :		78%	27%							
Used for the estimates :		Yes	Yes		Used for the estimates :		Yes	Yes							
Used for the estimates :		Yes	Yes		Used for the estimates :		Yes	Yes							
Ratios	Shared improved facilities/all improved facilities				Ratios	Shared improved facilities/all improved facilities									
	Improved latrine / All latrines					Improved latrine / All latrines	57%	61%							
	Covered dry latrines / All dry latrines					Covered dry latrines / All dry latrines	57%	61%							
	VIP / All latrines					VIP / All latrines									
	Traditional latrines / All latrines + No facilities	84%	34%			Traditional latrines / All latrines + no facility	35%	27%							
Comments	Improved + traditional latrines / All latrines				Comments	Improved + traditional latrines / All latrines	92%	87%							
	Sewerage connection among flush/pour flush	90.7	43.4			Sewerage connection among flush/pour flush	94.5	81.1							
	Sewerage connection among flush	90.7	43.4			Sewerage connection among flush									
	Number of people covered by the survey					Number of people covered by the survey									
	Number of households covered by the survey					Number of households covered by the survey									
Total population:					Total population:		67003.5	24154.7							







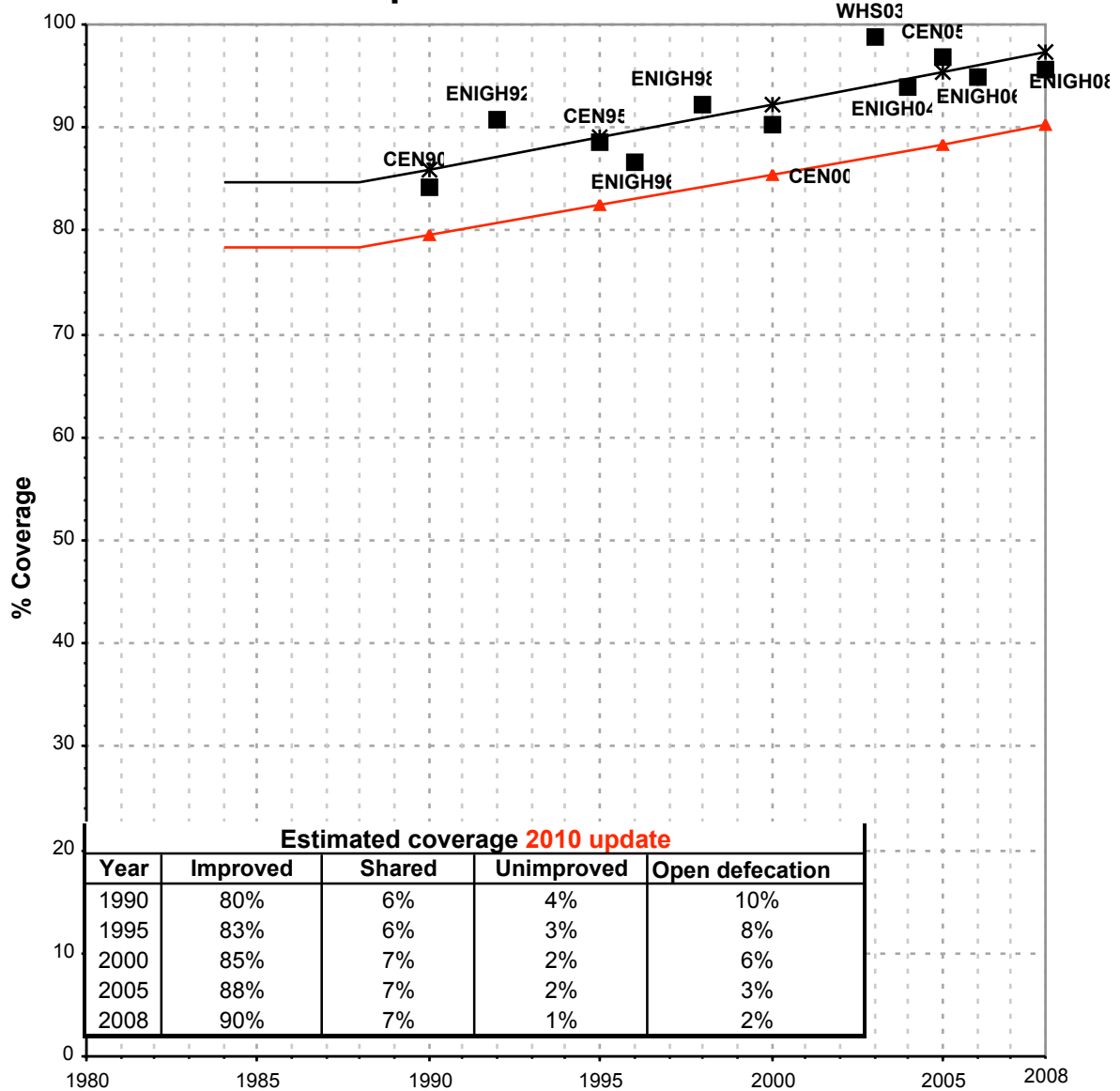






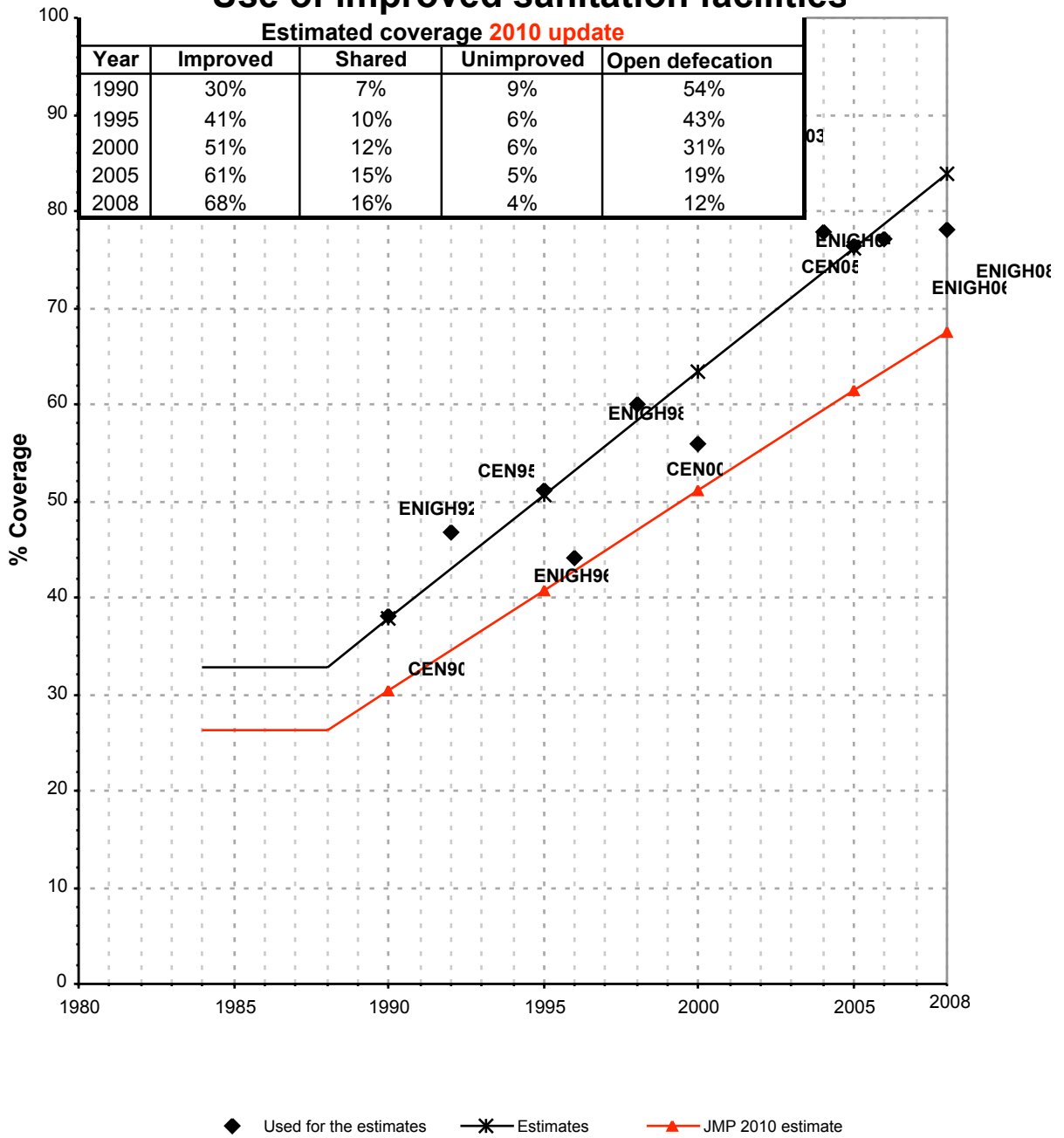
Mexico			SANITATION															
			URBAN								RURAL							
			Sewer connection		Total		Open defecation		Shared		Sewer connection		Total		Open defecation		Shared	
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used	Used	Not used
National Census	CEN90	1990	55.0		84.2		12.4				3.8		38.1		58.4			
Conteo de Poblacion	CEN95	1995	77.6		88.5		6.7				27.0		51.2		37.2			
National Census	CEN00	2000	76.6		90.2		3.9		7.3		10.1		56.0		31.0		19.6	
World Health Survey	WHS03	2003	86.5		98.7		0.9				26.7		84.6		13.4			
National Census	CEN05	2005	82.7		96.8		2.0				19.3		76.5		21.2			
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH92	1992	69.4		90.7		6.0				5.9		46.9		42.5			
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH94	1994																
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH96	1996	72.6		86.5		12.3				11.3		44.2		52.7			
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH98	1998	74.6		92.2		7.0				10.0		60.0		37.3			
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH02	2002		81.4		88.5					13.5		34.6					
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH04	2004	78.3		93.9		5.0				28.3		77.7		19.7			
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH06	2006	80.8		94.9		4.1				31.5		77.2		17.3			
Encuesta Nacional de Ingresos y Gastos de los Hogares, ENIGH	ENIGH08	2008	82.4		95.7		3.1				25.7		78.2		17.2			

# Mexico - urban - Use of improved sanitation facilities



■ Used for the estimates    \* Estimates    ▲ JMP 2010 estimate

# Mexico - rural - Use of improved sanitation facilities



# Sanitation

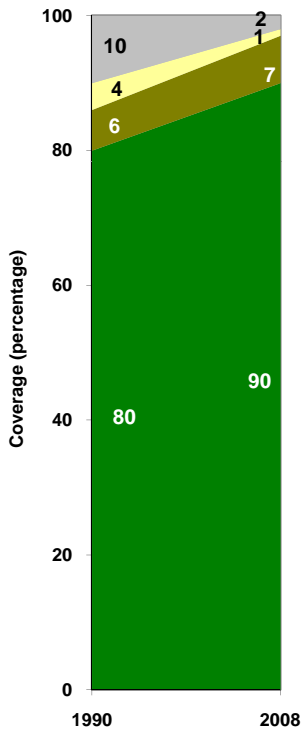
Mexico	Sanitation coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Improved facilities	80	90	30	68	66	85
Shared facilities	6	7	7	16	6	9
Unimproved facilities	4	1	9	4	5	2
Open defecation	10	2	54	12	23	4

Source: WHO/UNICEF JMP, 2010

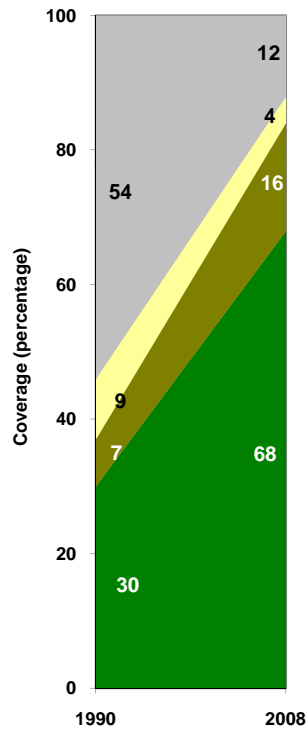
Mexico	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	59,566	83,835	23,838	24,720	83,404	108,555

Source: UN / Population Division, 2008

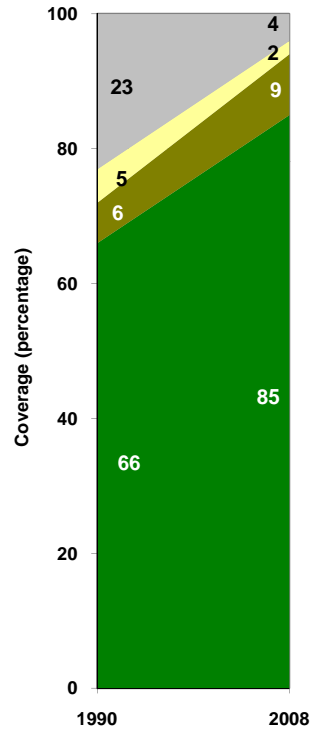
Urban sanitation trends



Rural sanitation trends



Total sanitation trends



■ Open defecation  
■ Unimproved facilities  
■ Shared facilities  
■ Improved facilities

■ Open defecation  
■ Unimproved facilities  
■ Shared facilities  
■ Improved facilities

■ Open defecation  
■ Unimproved facilities  
■ Shared facilities  
■ Improved facilities