

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

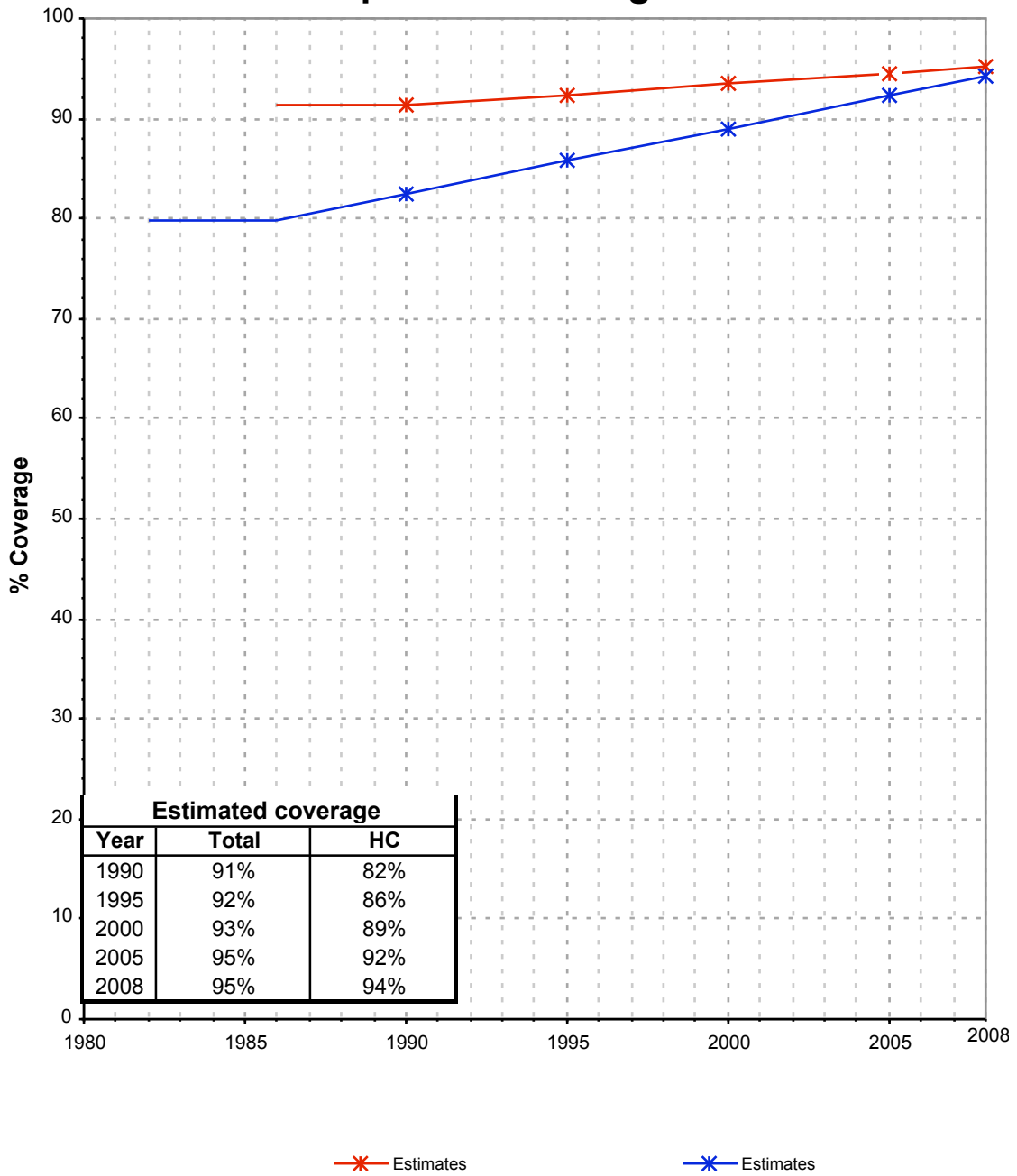
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Access to drinking water sources		DHS06			Honduras			Access to drinking water sources		EPHM07			Honduras						
Demographic and Health Survey					XXXXV Encuesta Permanente de Hogares de Propósitos Múltiples, 2007														
					2006										2007				
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total					
	Tap water	92.9	67.3			Tap water	94.0	72.3			Tap water	94.0	72.3						
	House connections	92.0	66.8			House connections	93.8	72.1			House connections	93.8	72.1						
Agua de tubería dentro la vivienda	Piped water into dwelling	51.2	14.9		Servicio público y privado	Piped water into dwelling					Piped water into dwelling								
Agua de tubería fuera vivienda	Piped water to yard/plot	40.8	51.9			Piped water to yard/plot					Piped water to yard/plot								
Pila pública	Public tap, standpipe	0.9	0.5		Laave pública comunitaria	Public tap, standpipe	0.2	0.2			Public tap, standpipe	0.2	0.2						
	Other					Other					Other								
	Ground water	2.8	26.0			Ground water	0.9	4.8			Ground water	0.9	4.8						
	Protected ground water	2.0	6.1			Protected ground water	0.9	4.8			Protected ground water	0.9	4.8						
	Unprotected ground water					Unprotected ground water					Unprotected ground water								
	Protected wells or springs	2.0	6.1	0.0		Protected wells or springs	0.9	4.8	0.0		Protected wells or springs	0.9	4.8	0.0					
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	Unprotected wells or springs					Unprotected wells or springs					Unprotected wells or springs								
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	All wells	2.0	6.1			All wells	0.9	4.8			All wells	0.9	4.8						
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
Agua de Pozo (con Bomba)	Tubewell, borehole	1.6	3.8		Pozo con bomba	Tubewell, borehole	0.6	2.2			Tubewell, borehole	0.6	2.2						
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	Traditional wells	0.4	2.3			Traditional wells	0.3	0.2			Traditional wells	0.3	0.2						
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
Agua de Pozo (Malacate)	Protected well	0.4	2.3		Pozo malacate	Protected well	0.3	2.6			Protected well	0.3	2.6						
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	Unprotected well					Unprotected well					Unprotected well								
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
Agua de manantial/arroyo/Ojo de Agua	All springs	0.8	19.9			All springs					All springs								
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	Protected spring					Protected spring					Protected spring								
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	Unprotected spring					Unprotected spring					Unprotected spring								
	Private					Private					Private								
	Public					Public					Public								
	Other					Other					Other								
	Rainwater					Rainwater					Rainwater								
	Covered cistern/tank					Covered cistern/tank					Covered cistern/tank								
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank								
	Bottled water					Bottled water					Bottled water								
	with other improved					with other improved					with other improved								
	without other improved					without other improved					without other improved								
Agua de superficie (rio/lago/quebrada)	Surface water	0.0	2.0		Rio, riachuelo, manantial	Surface water	0.3	12.0			Surface water	0.3	12.0						
	River					River					River								
	Lake					Lake					Lake								
	Dam					Dam					Dam								
	Pond					Pond					Pond								
	Stream					Stream					Stream								
	Irrigation channel					Irrigation channel					Irrigation channel								
	Other					Other					Other								
	Other improved sources					Other improved sources					Other improved sources								
	Other					Other					Other								
	Other					Other					Other								
	Other non-improved	4.3	4.5			Other non-improved	4.7	10.8			Other non-improved	4.7	10.8						
	Cart with small tank/drum				Pick-up con dron o barril	Cart with small tank/drum	0.2	0.3			Cart with small tank/drum	0.2	0.3						
Carro Cisterna	Tanker truck provided	2.6	0.5		Carro cisterna	Tanker truck provided	2.1	0.3			Tanker truck provided	2.1	0.3						
Otras	Other	1.7	4.0		Otro	Other	2.4	10.2			Other	2.4	10.2						
	Other					Other					Other								
	DK/missing					DK/missing					DK/missing								
	Total	100.0	99.8			Total	99.9	99.9			Total	99.9	99.9						
Calculations	Spring of spring + surface water	100.0%	90.9%			Calculations	Spring estimates based on DHS06	0.3	10.9										
Estimations	Protected spring based on ENESF96	0.1	1.1			Estimations	Protected spring based on ENESF96	0.0	0.6										
Access to improved drinking water sources :		95%	75%		Access to improved drinking water sources :		95%	78%		Access to improved drinking water sources :		95%	78%						
Access to house connections :		92%	67%		Access to house connections :		94%	72%		Access to house connections :		94%	72%						
Used for the estimates		Yes	Yes		Used for the estimates		Yes	Yes		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	HC / Tap water	99%	99%			Ratios	HC / Tap water	100%	100%			100%	100%						
	Public tap / Tap water	1%	1%				Public tap / Tap water	0%	0%			0%	0%						
	Tubewell + protected well / All wells	100%	100%				Tubewell + protected well / All wells	100%	100%			100%	100%						
	Protected wells / Traditional wells	100%	100%				Protected wells / Traditional wells	100%	1300%			100%	1300%						
	Tubewell / All wells	80%	62%				Tubewell / All wells	67%	46%										
	Protected springs / All springs						Protected springs / All springs												
	Protect. well & spring / well & spring						Protect. well & spring / well & spring												
	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												
Comments	ENDESA, 2006 (=DHS)				Comments					Comments									

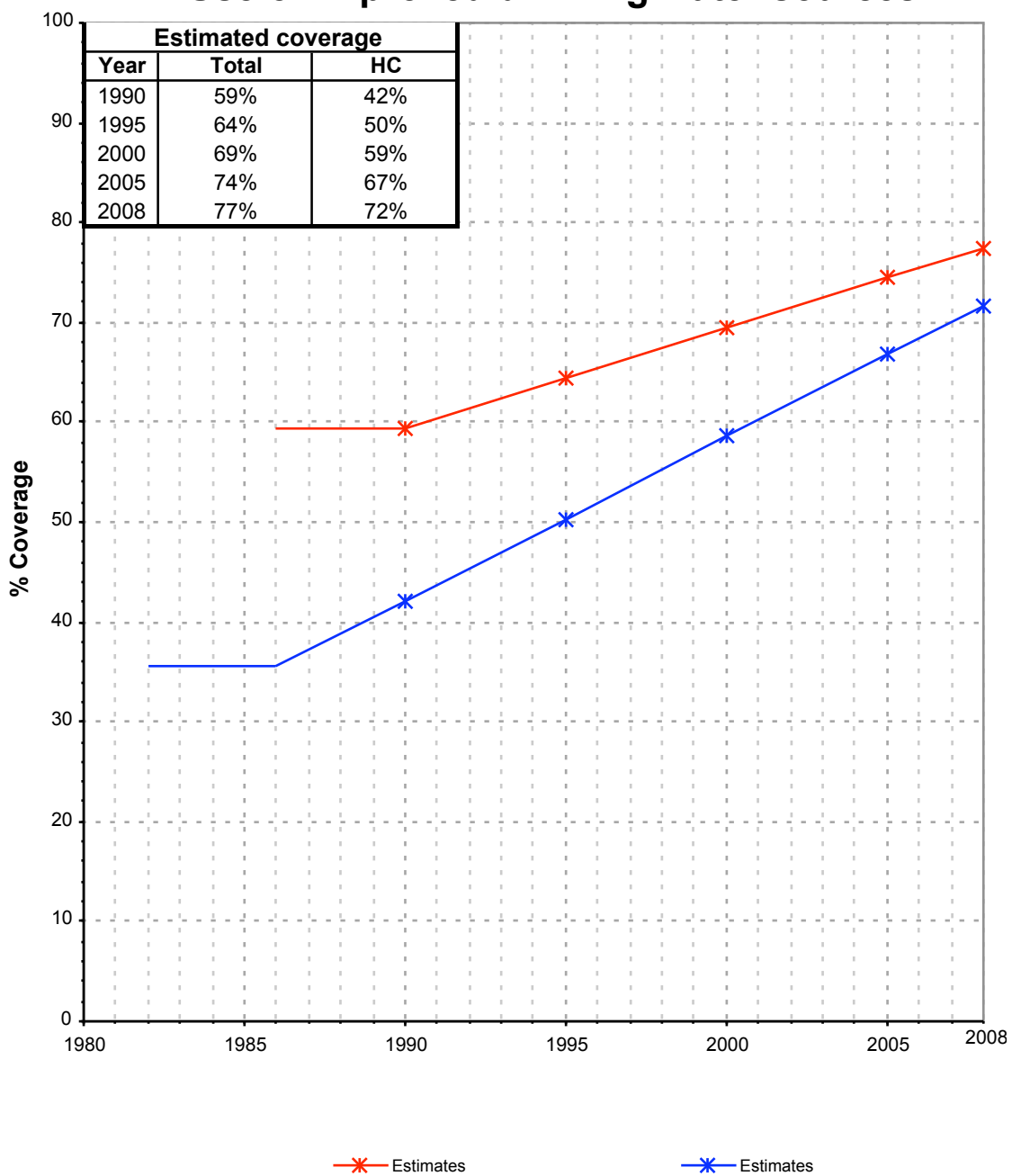
Access to drinking water sources		EPHM02		Honduras	
XXXV Encuesta Permanente de Hogares de Propósitos Múltiples, 2007					
INE, Honduras				2002	
Original denomination	Classification	Urban	Rural	Total	
	Tap water	91.0	62.1		
	House connections	91.0	62.1		
Servicio público y privado	Piped water into dwelling	91.0	62.1		
	Piped water to yard/plot				
	Public tap, standpipe				
	Other				
	Ground water	2.0	7.4		
	Protected ground water	2.0	7.4		
	Unprotected ground water				
	Protected wells or springs	2.0	7.4	0.0	
	Private				
	Public				
	Other				
	Unprotected wells or springs				
	Private				
	Public				
	Other				
	All wells	2.0	7.4		
	Private				
	Public				
	Other				
Pozo con bomba	Tubewell, borehole	1.2	3.5		
	Private				
	Public				
	Other				
	Traditional wells	0.8	3.9		
	Private				
	Public				
	Other				
Pozo malacate	Protected well	0.8	3.9		
	Private				
	Public				
	Other				
	Unprotected well				
	Private				
	Public				
	Other				
	All springs				
	Private				
	Public				
	Other				
	Protected spring				
	Private				
	Public				
	Other				
	Unprotected spring				
	Private				
	Public				
	Other				
	Rainwater				
	Covered cistern/tank				
	Uncovered cistern/tank				
	Bottled water				
	with other improved				
	without other improved				
Rio, riachuelo, manantial	Surface water	0.7	24.3		
	River				
	Lake				
	Dam				
	Pond				
	Stream				
	Irrigation channel				
	Other				
	Other improved sources				
	Other				
	Other				
	Other non-improved	6.4	6.1		
	Cart with small tank/drum				
Carro sistema	Tanker truck provided	2.9	0.5		
Otro	Other	3.5	5.6		
	Other				
	DK/missing				
	Total	100.1	99.9		
Calculations	Springs estimates based on DHS06	0.7	22.1		
Estimations					
	Protected spring based on ENESF96	0.1	1.2		
Access to improved drinking water sources :		93%	71%		
Access to house connections :		91%	62%		
Used for the estimates		Yes	Yes		
Used for the estimates		Yes	Yes		
Ratios	HC / Tap water	100%	100%		
	Public tap / Tap water				
	Tubewell + protected well / All wells	100%	100%		
	Protected wells / Traditional wells	100%	100%		
	Tubewell / All wells	60%	47%		
	Protected springs / All springs				
	Protect. well & spring / well & spring				
Number of people covered by the survey:					
Number of households covered by the survey:					
Total population:					
Comments					

Honduras			DRINKING WATER							
			URBAN				RURAL			
			House connection		Total		House connection		Total	
Source	Code	Year	Used	Not used	Used	Not used	Used	Not used	Used	Not used
National Census	CEN88	1988	81.1			93.6	42.8			75.4
Encuesta Nacional de Epidemiologia Y Salud Familiar	ENESF9 2	1992	82.0		90.5		39.8		60.7	
Encuesta Nacional de Epidemiologia Y Salud Familiar	ENESF9 6	1996	89.1		94.8		52.7		67.0	
Encuesta Nacional de Salud Masculina	ENSM01	2001	89.0		93.3		60.5		70.0	
Demographic and Health Survey	DHS06	2006	92.0		95.0		66.8		74.5	
XXXV Encuesta Permanente de Hogares de Propositos Multiples, 2007	EPHM07	2007	93.8		94.9		72.1		77.7	
XXXV Encuesta Permanente de Hogares de Propositos Multiples, 2007	EPHM02	2002	91.0		93.1		62.1		70.7	

Honduras - urban - Use of improved drinking water sources



Honduras - rural - Use of improved drinking water sources



Drinking Water

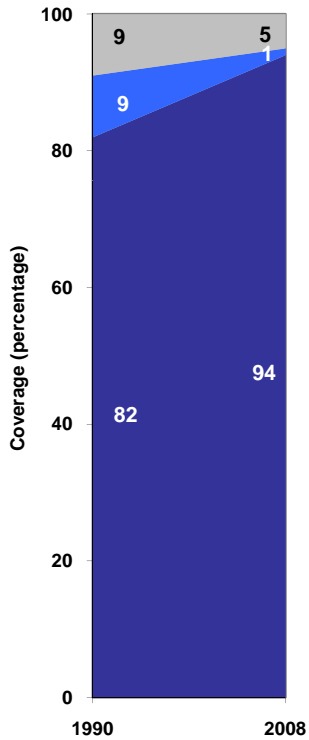
Honduras	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	82	94	42	72	58	83
Other improved source	9	1	17	5	14	3
Unimproved source	9	5	41	23	28	14

Source: WHO/UNICEF JMP, 2010

Honduras	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	1,974	3,504	2,928	3,815	4,901	7,319

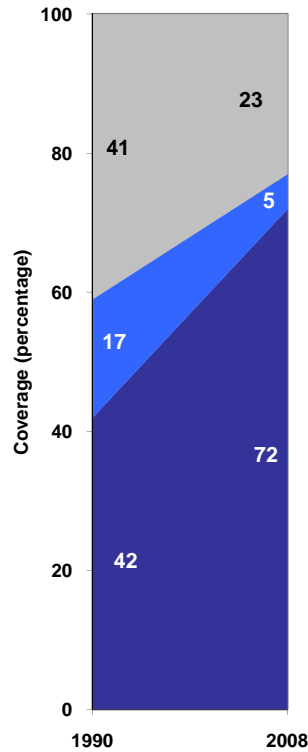
Source: UN / Population Division, 2008

Urban drinking water trends



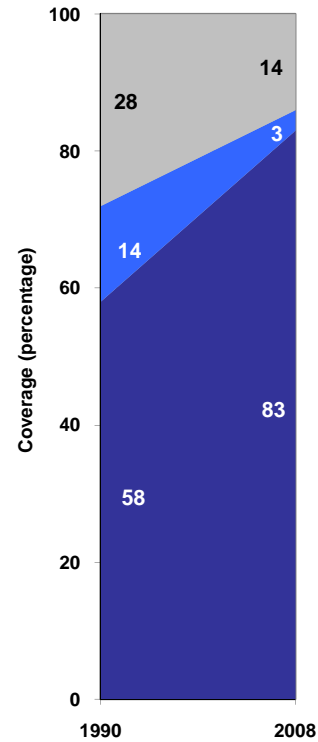
- Unimproved sources
- Other improved sources
- Piped onto premises

Rural drinking water trends



- Unimproved sources
- Other improved sources
- Piped onto premises

Total drinking water trends



- Unimproved sources
- Other improved sources
- Piped onto premises