

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

Access to drinking water sources		JWWA90			Japan			Access to drinking water sources		JWWA00			Japan		
JAPAN WATER WORKS ASSOCIATION					JAPAN WATER WORKS ASSOCIATION					JAPAN WATER WORKS ASSOCIATION					
					1990					2000					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
	Tap water					Tap water									
	House connections					House connections									
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe					Public tap, standpipe									
	Other					Other									
	Ground water					Ground water									
	Protected ground water					Protected ground water									
	Unprotected ground water					Unprotected ground water									
	Protected wells or springs					Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater									
	Covered cistern/tank					Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water					Surface water									
	River					River									
	Lake					Lake									
	Dam					Dam									
	Pond					Pond									
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other					Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved					Other non-improved									
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
	Other					Other									
	Other					Other									
	DK/missing					DK/missing									
	Total					Total									
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :					Access to improved drinking water sources :										
Access to house connections :					Access to house connections :										
Used for the estimates : No No					Used for the estimates : No No										
Used for the estimates : No No					Used for the estimates : No No										
Ratios	HC / Tap water				Ratios	HC / Tap water									
	Public tap / Tap water					Public tap / Tap water									
	Tubewell + protected well / All wells					Tubewell + protected well / All wells									
	Protected wells / Traditional wells					Protected wells / Traditional wells									
	Tubewell / All wells					Tubewell / All wells									
	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					Comments										

Access to drinking water sources		MHLW80			Japan			Access to drinking water sources		MHLW81			Japan			
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare						
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION						
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total	
Household connections	Tap water	House connections	95.3	79.5				Household connections	Tap water	House connections	95.5	80.5				
		Piped water into dwelling								Piped water into dwelling						
		Piped water to yard/plot								Piped water to yard/plot						
		Public tap, standpipe								Public tap, standpipe						
		Other								Other						
		Ground water								Ground water						
		Protected ground water								Protected ground water						
		Unprotected ground water								Unprotected ground water						
		Protected wells or springs								Protected wells or springs						
		Private								Private						
		Public								Public						
		Other								Other						
		Unprotected wells or springs								Unprotected wells or springs						
		Private								Private						
		Public								Public						
		Other								Other						
		All wells								All wells						
		Private								Private						
		Public								Public						
		Other								Other						
		Tubewell, borehole								Tubewell, borehole						
		Private								Private						
		Public								Public						
		Other								Other						
		Traditional wells								Traditional wells						
		Private								Private						
		Public								Public						
		Other								Other						
		Protected well								Protected well						
		Private								Private						
		Public								Public						
		Other								Other						
		Unprotected well								Unprotected well						
		Private								Private						
		Public								Public						
		Other								Other						
		All springs								All springs						
		Private								Private						
		Public								Public						
		Other								Other						
		Protected spring								Protected spring						
		Private								Private						
		Public								Public						
		Other								Other						
		Unprotected spring								Unprotected spring						
		Private								Private						
		Public								Public						
		Other								Other						
		Rainwater								Rainwater						
		Covered cistern/tank								Covered cistern/tank						
		Uncovered cistern/tank								Uncovered cistern/tank						
		Bottled water								Bottled water						
		with other improved								with other improved						
		without other improved								without other improved						
		Surface water								Surface water						
		River								River						
		Lake								Lake						
		Dam								Dam						
		Pond								Pond						
		Stream								Stream						
		Irrigation channel								Irrigation channel						
		Other								Other						
		Other improved sources								Other improved sources						
		Other								Other						
		Other non-improved								Other non-improved						
		Cart with small tank/drum								Cart with small tank/drum						
		Tanker truck provided								Tanker truck provided						
		Other								Other						
		Other								Other						
		DK/missing								DK/missing						
		Total	95.3	79.5						Total	95.5	80.5				
Calculations									Calculations							
Estimations									Estimations							
Access to improved drinking water sources :			100%	100%				Access to improved drinking water sources :			100%	100%				
Access to house connections :			95%	80%				Access to house connections :			96%	81%				
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		100%	100%				Ratios	HC / Tap water		100%	100%				
	Public tap / Tap water								Public tap / Tap water							
	Tubewell + protected well / All wells								Tubewell + protected well / All wells							
	Protected wells / Traditional wells								Protected wells / Traditional wells							
	Tubewell / All wells								Tubewell / All wells							
	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								Comments								

Access to drinking water sources		MHLW82			Japan			Access to drinking water sources		MHLW83			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					1982					1983					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Household connections	Tap water	95.7	81.1		Household connections	Tap water	95.9	82.0							
	House connections					House connections									
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe				Public tap, standpipe										
	Other				Other										
	Ground water					Ground water									
	Protected ground water					Protected ground water									
	Unprotected ground water					Unprotected ground water									
	Protected wells or springs					Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater									
	Covered cistern/tank					Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water					Surface water									
	River					River									
	Lake					Lake									
	Dam					Dam									
	Pond					Pond									
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other					Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved					Other non-improved									
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
	Other					Other									
	Other					Other									
	DK/missing					DK/missing									
	Total	95.7	81.1			Total	95.9	82.0							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		100%	100%		Access to improved drinking water sources :		100%	100%							
Access to house connections :		96%	81%		Access to house connections :		96%	82%							
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	100%	100%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water					Public tap / Tap water									
	Tubewell + protected well / All wells					Tubewell + protected well / All wells									
	Protected wells / Traditional wells					Protected wells / Traditional wells									
	Tubewell / All wells					Tubewell / All wells									
	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					Comments										

Access to drinking water sources		MHLW84			Japan			Access to drinking water sources		MHLW85			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare										
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION										
Original denomination		Classification		Urban	Rural	Total	Original denomination		Classification		Urban	Rural	Total		
Household connections	Tap water	House connections		96.2	82.8		Household connections	Tap water	House connections		96.3	83.3			
		Piped water into dwelling							Piped water into dwelling						
		Piped water to yard/plot							Piped water to yard/plot						
		Public tap, standpipe							Public tap, standpipe						
		Other							Other						
		Ground water							Ground water						
		Protected ground water							Protected ground water						
		Unprotected ground water							Unprotected ground water						
		Protected wells or springs							Protected wells or springs						
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected wells or springs							Unprotected wells or springs						
		Private							Private						
		Public							Public						
		Other							Other						
		All wells							All wells						
		Private							Private						
		Public							Public						
		Other							Other						
		Tubewell, borehole							Tubewell, borehole						
		Private							Private						
		Public							Public						
		Other							Other						
		Traditional wells							Traditional wells						
		Private							Private						
		Public							Public						
		Other							Other						
		Protected well							Protected well						
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected well							Unprotected well						
		Private							Private						
		Public							Public						
		Other							Other						
		All springs							All springs						
		Private							Private						
		Public							Public						
		Other							Other						
		Protected spring							Protected spring						
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected spring							Unprotected spring						
		Private							Private						
		Public							Public						
		Other							Other						
		Rainwater							Rainwater						
		Covered cistern/tank							Covered cistern/tank						
		Uncovered cistern/tank							Uncovered cistern/tank						
		Bottled water							Bottled water						
		with other improved							with other improved						
		without other improved							without other improved						
		Surface water							Surface water						
		River							River						
		Lake							Lake						
		Dam							Dam						
		Pond							Pond						
		Stream							Stream						
		Irrigation channel							Irrigation channel						
		Other							Other						
		Other improved sources							Other improved sources						
		Other							Other						
		Other non-improved							Other non-improved						
		Cart with small tank/drum							Cart with small tank/drum						
		Tanker truck provided							Tanker truck provided						
		Other							Other						
		Other							Other						
		DK/missing							DK/missing						
		Total		96.2	82.8				Total		96.3	83.3			
Calculations								Calculations							
Estimations								Estimations							
Access to improved drinking water sources :		100%	100%				Access to improved drinking water sources :		100%	100%					
Access to house connections :		96%	83%				Access to house connections :		96%	83%					
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	100%	100%				Ratios	HC / Tap water	100%	100%					
	Public tap / Tap water							Public tap / Tap water							
	Tubewell + protected well / All wells							Tubewell + protected well / All wells							
	Protected wells / Traditional wells							Protected wells / Traditional wells							
	Tubewell / All wells							Tubewell / All wells							
	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							Comments								

Access to drinking water sources		MHLW86			Japan			Access to drinking water sources		MHLW87			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					1986					1987					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Household connections	Tap water	96.5	83.9		Household connections	Tap water	96.6	84.7							
	House connections	96.5	83.9			House connections	96.6	84.7							
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe					Public tap, standpipe									
	Other					Other									
	Ground water					Ground water									
	Protected ground water					Protected ground water									
	Unprotected ground water					Unprotected ground water									
	Protected wells or springs					Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater									
	Covered cistern/tank					Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water					Surface water									
	River					River									
	Lake					Lake									
	Dam					Dam									
	Pond					Pond									
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other					Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved					Other non-improved									
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
	Other					Other									
	Other					Other									
	DK/missing					DK/missing									
	Total	96.5	83.9			Total	96.6	84.7							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		100%	100%		Access to improved drinking water sources :		100%	100%							
Access to house connections :		97%	84%		Access to house connections :		97%	85%							
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	100%	100%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water					Public tap / Tap water									
	Tubewell + protected well / All wells					Tubewell + protected well / All wells									
	Protected wells / Traditional wells					Protected wells / Traditional wells									
	Tubewell / All wells					Tubewell / All wells									
	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					Comments										

Access to drinking water sources		MHLW88			Japan			Access to drinking water sources		MHLW89			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					
Original denomination		Classification		Urban	Rural	Total	Original denomination		Classification		Urban	Rural	Total		
Household connections	Tap water	House connections		96.8	85.3		Household connections	Tap water	House connections		96.9	85.8			
		Piped water into dwelling							Piped water into dwelling						
		Piped water to yard/plot							Piped water to yard/plot						
		Public tap, standpipe							Public tap, standpipe						
		Other							Other						
		Ground water							Ground water						
		Protected ground water							Protected ground water						
		Unprotected ground water							Unprotected ground water						
		Protected wells or springs							Protected wells or springs						
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected wells or springs							Unprotected wells or springs						
		Private							Private						
		Public							Public						
		Other							Other						
		All wells							All wells						
		Private							Private						
		Public							Public						
		Other							Other						
		Tubewell, borehole							Tubewell, borehole						
		Private							Private						
		Public							Public						
		Other							Other						
		Traditional wells							Traditional wells						
		Private							Private						
		Public							Public						
		Other							Other						
		Protected well							Protected well						
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected well							Unprotected well						
		Private							Private						
		Public							Public						
		Other							Other						
		All springs							All springs						
		Private							Private						
		Public							Public						
		Other							Other						
		Protected spring							Protected spring						
		Private							Private						
		Public							Public						
		Other							Other						
		Unprotected spring							Unprotected spring						
		Private							Private						
		Public							Public						
		Other							Other						
		Rainwater							Rainwater						
		Covered cistern/tank							Covered cistern/tank						
		Uncovered cistern/tank							Uncovered cistern/tank						
		Bottled water							Bottled water						
		with other improved							with other improved						
		without other improved							without other improved						
		Surface water							Surface water						
		River							River						
		Lake							Lake						
		Dam							Dam						
		Pond							Pond						
		Stream							Stream						
		Irrigation channel							Irrigation channel						
		Other							Other						
		Other improved sources							Other improved sources						
		Other							Other						
		Other non-improved							Other non-improved						
		Cart with small tank/drum							Cart with small tank/drum						
		Tanker truck provided							Tanker truck provided						
		Other							Other						
		Other							Other						
		DK/missing							DK/missing						
		Total		96.8	85.3				Total		96.9	85.8			
Calculations								Calculations							
Estimations								Estimations							
Access to improved drinking water sources :				100%	100%	Access to improved drinking water sources :				100%	100%				
Access to house connections :				97%	85%	Access to house connections :				97%	86%				
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		100%	100%		Ratios	HC / Tap water		100%	100%					
	Public tap / Tap water						Public tap / Tap water								
	Tubewell + protected well / All wells						Tubewell + protected well / All wells								
	Protected wells / Traditional wells						Protected wells / Traditional wells								
	Tubewell / All wells						Tubewell / All wells								
	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						Comments									

Access to drinking water sources		MHLW90			Japan			Access to drinking water sources		MHLW91			Japan						
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION				
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total				
Household connections	Tap water	House connections	97.1	86.5			Household connections	Tap water	House connections	97.2	86.8								
		Piped water into dwelling							Piped water into dwelling										
		Piped water to yard/plot							Piped water to yard/plot										
		Public tap, standpipe							Public tap, standpipe										
		Other							Other										
		Ground water							Ground water										
		Protected ground water							Protected ground water										
		Unprotected ground water							Unprotected ground water										
		Protected wells or springs							Protected wells or springs										
		Private							Private										
		Public							Public										
		Other							Other										
		Unprotected wells or springs							Unprotected wells or springs										
		Private							Private										
		Public							Public										
		Other							Other										
		All wells							All wells										
		Private							Private										
		Public							Public										
		Other							Other										
		Tubewell, borehole							Tubewell, borehole										
		Private							Private										
		Public							Public										
		Other							Other										
		Traditional wells							Traditional wells										
		Private							Private										
		Public							Public										
		Other							Other										
		Protected well							Protected well										
		Private							Private										
		Public							Public										
		Other							Other										
		Unprotected well							Unprotected well										
		Private							Private										
		Public							Public										
		Other							Other										
		All springs							All springs										
		Private							Private										
		Public							Public										
		Other							Other										
		Protected spring							Protected spring										
		Private							Private										
		Public							Public										
		Other							Other										
		Unprotected spring							Unprotected spring										
		Private							Private										
		Public							Public										
		Other							Other										
		Rainwater							Rainwater										
		Covered cistern/tank							Covered cistern/tank										
		Uncovered cistern/tank							Uncovered cistern/tank										
		Bottled water							Bottled water										
		with other improved							with other improved										
		without other improved							without other improved										
		Surface water							Surface water										
		River							River										
		Lake							Lake										
		Dam							Dam										
		Pond							Pond										
		Stream							Stream										
		Irrigation channel							Irrigation channel										
		Other							Other										
		Other improved sources							Other improved sources										
		Other							Other										
		Other non-improved							Other non-improved										
		Cart with small tank/drum							Cart with small tank/drum										
		Tanker truck provided							Tanker truck provided										
		Other							Other										
		Other							Other										
		DK/missing							DK/missing										
		Total	97.1	86.5					Total	97.2	86.8								
Calculations								Calculations											
Estimations								Estimations											
Access to improved drinking water sources :			100%	100%			Access to improved drinking water sources :			100%	100%								
Access to house connections :			97%	87%			Access to house connections :			97%	87%								
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		100%	100%			Ratios	HC / Tap water		100%	100%								
	Public tap / Tap water							Public tap / Tap water											
	Tubewell + protected well / All wells							Tubewell + protected well / All wells											
	Protected wells / Traditional wells							Protected wells / Traditional wells											
	Tubewell / All wells							Tubewell / All wells											
	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							Comments												

Access to drinking water sources		MHLW92			Japan			Access to drinking water sources		MHLW93			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					1992					1993					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Household connections	Tap water	97.3	87.4		Household connections	Tap water	97.4	88.0							
	House connections	97.3	87.4			House connections	97.4	88.0							
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe					Public tap, standpipe									
	Other					Other									
	Ground water					Ground water									
	Protected ground water					Protected ground water									
	Unprotected ground water					Unprotected ground water									
	Protected wells or springs					Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater									
	Covered cistern/tank					Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water					Surface water									
	River					River									
	Lake					Lake									
	Dam					Dam									
	Pond					Pond									
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other					Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved					Other non-improved									
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
	Other					Other									
	Other					Other									
	DK/missing					DK/missing									
	Total	97.3	87.4			Total	97.4	88.0							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		100%	100%		Access to improved drinking water sources :		100%	100%							
Access to house connections :		97%	87%		Access to house connections :		97%	88%							
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	100%	100%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water					Public tap / Tap water									
	Tubewell + protected well / All wells					Tubewell + protected well / All wells									
	Protected wells / Traditional wells					Protected wells / Traditional wells									
	Tubewell / All wells					Tubewell / All wells									
	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					Comments										

Access to drinking water sources		MHLW94			Japan			Access to drinking water sources		MHLW95			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					1994					1995					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Household connections	Tap water	97.5	88.5		Household connections	Tap water	97.6	89.2							
	House connections	97.5	88.5			House connections	97.6	89.2							
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe					Public tap, standpipe									
	Other					Other									
	Ground water					Ground water									
	Protected ground water					Protected ground water									
	Unprotected ground water					Unprotected ground water									
	Protected wells or springs					Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected wells or springs					Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	All wells					All wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	Traditional wells					Traditional wells									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected well					Protected well									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected well					Unprotected well									
	Private					Private									
	Public					Public									
	Other					Other									
	All springs					All springs									
	Private					Private									
	Public					Public									
	Other					Other									
	Protected spring					Protected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Unprotected spring					Unprotected spring									
	Private					Private									
	Public					Public									
	Other					Other									
	Rainwater					Rainwater									
	Covered cistern/tank					Covered cistern/tank									
	Uncovered cistern/tank					Uncovered cistern/tank									
	Bottled water					Bottled water									
	with other improved					with other improved									
	without other improved					without other improved									
	Surface water					Surface water									
	River					River									
	Lake					Lake									
	Dam					Dam									
	Pond					Pond									
	Stream					Stream									
	Irrigation channel					Irrigation channel									
	Other					Other									
	Other improved sources					Other improved sources									
	Other					Other									
	Other					Other									
	Other non-improved					Other non-improved									
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
	Other					Other									
	Other					Other									
	DK/missing					DK/missing									
	Total	97.5	88.5			Total	97.6	89.2							
Calculations					Calculations										
Estimations					Estimations										
Access to improved drinking water sources :		100%	100%		Access to improved drinking water sources :		100%	100%							
Access to house connections :		98%	89%		Access to house connections :		98%	89%							
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	100%	100%		Ratios	HC / Tap water	100%	100%							
	Public tap / Tap water					Public tap / Tap water									
	Tubewell + protected well / All wells					Tubewell + protected well / All wells									
	Protected wells / Traditional wells					Protected wells / Traditional wells									
	Tubewell / All wells					Tubewell / All wells									
	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					Comments										

Access to drinking water sources		MHLW96			Japan			Access to drinking water sources		MHLW97			Japan			Access to drinking water sources	
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare							
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION							
Original denomination		Classification		Urban	Rural	Total	Original denomination		Classification		Urban	Rural	Total	Original denomination			
Household connections	Tap water	House connections		97.7	89.7		Household connections	Tap water	House connections		97.8	90.0		Household connections	Tap water		
		Piped water into dwelling							Piped water into dwelling								
		Piped water to yard/plot							Piped water to yard/plot								
		Public tap, standpipe							Public tap, standpipe								
		Other							Other								
		Ground water							Ground water								
		Protected ground water							Protected ground water								
		Unprotected ground water							Unprotected ground water								
		Protected wells or springs							Protected wells or springs								
		Private							Private								
		Public							Public								
		Other							Other								
		Unprotected wells or springs							Unprotected wells or springs								
		Private							Private								
		Public							Public								
		Other							Other								
		All wells							All wells								
		Private							Private								
		Public							Public								
		Other							Other								
		Tubewell, borehole							Tubewell, borehole								
		Private							Private								
		Public							Public								
		Other							Other								
		Traditional wells							Traditional wells								
		Private							Private								
		Public							Public								
		Other							Other								
		Protected well							Protected well								
		Private							Private								
		Public							Public								
		Other							Other								
		Unprotected well							Unprotected well								
		Private							Private								
		Public							Public								
		Other							Other								
		All springs							All springs								
		Private							Private								
		Public							Public								
		Other							Other								
		Protected spring							Protected spring								
		Private							Private								
		Public							Public								
		Other							Other								
		Unprotected spring							Unprotected spring								
		Private							Private								
		Public							Public								
		Other							Other								
		Rainwater							Rainwater								
		Covered cistern/tank							Covered cistern/tank								
		Uncovered cistern/tank							Uncovered cistern/tank								
		Bottled water							Bottled water								
		with other improved							with other improved								
		without other improved							without other improved								
		Surface water							Surface water								
		River							River								
		Lake							Lake								
		Dam							Dam								
		Pond							Pond								
		Stream							Stream								
		Irrigation channel							Irrigation channel								
		Other							Other								
		Other improved sources							Other improved sources								
		Other							Other								
		Other non-improved							Other non-improved								
		Cart with small tank/drum							Cart with small tank/drum								
		Tanker truck provided							Tanker truck provided								
		Other							Other								
		Other							Other								
		DK/missing							DK/missing								
		Total		97.7	89.7				Total		97.8	90.0					
Calculations								Calculations									
Estimations								Estimations									
Access to improved drinking water sources :				100%	100%		Access to improved drinking water sources :				100%	100%		Access to improve			
Access to house connections :				98%	90%		Access to house connections :				98%	90%		Acce			
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			100%	100%		Ratios	HC / Tap water			100%	100%		Ratios	HC / Tap		
	Public tap / Tap water							Public tap / Tap water							Public tap		
	Tubewell + protected well / All wells							Tubewell + protected well / All wells							Tubewe		
	Protected wells / Traditional wells							Protected wells / Traditional wells							Protecte		
	Tubewell / All wells							Tubewell / All wells							Tubewe		
	Protected springs / All springs							Protected springs / All springs							Protecte		
	Protect. well & spring / well & spring							Protect. well & spring / well & spring							Protect.		
Number of people covered by the survey:							Number of people covered by the survey:							Numb			
Number of households covered by the survey:							Number of households covered by the survey:							Number of			
Total population:							Total population:										
Comments							Comments							Comments			

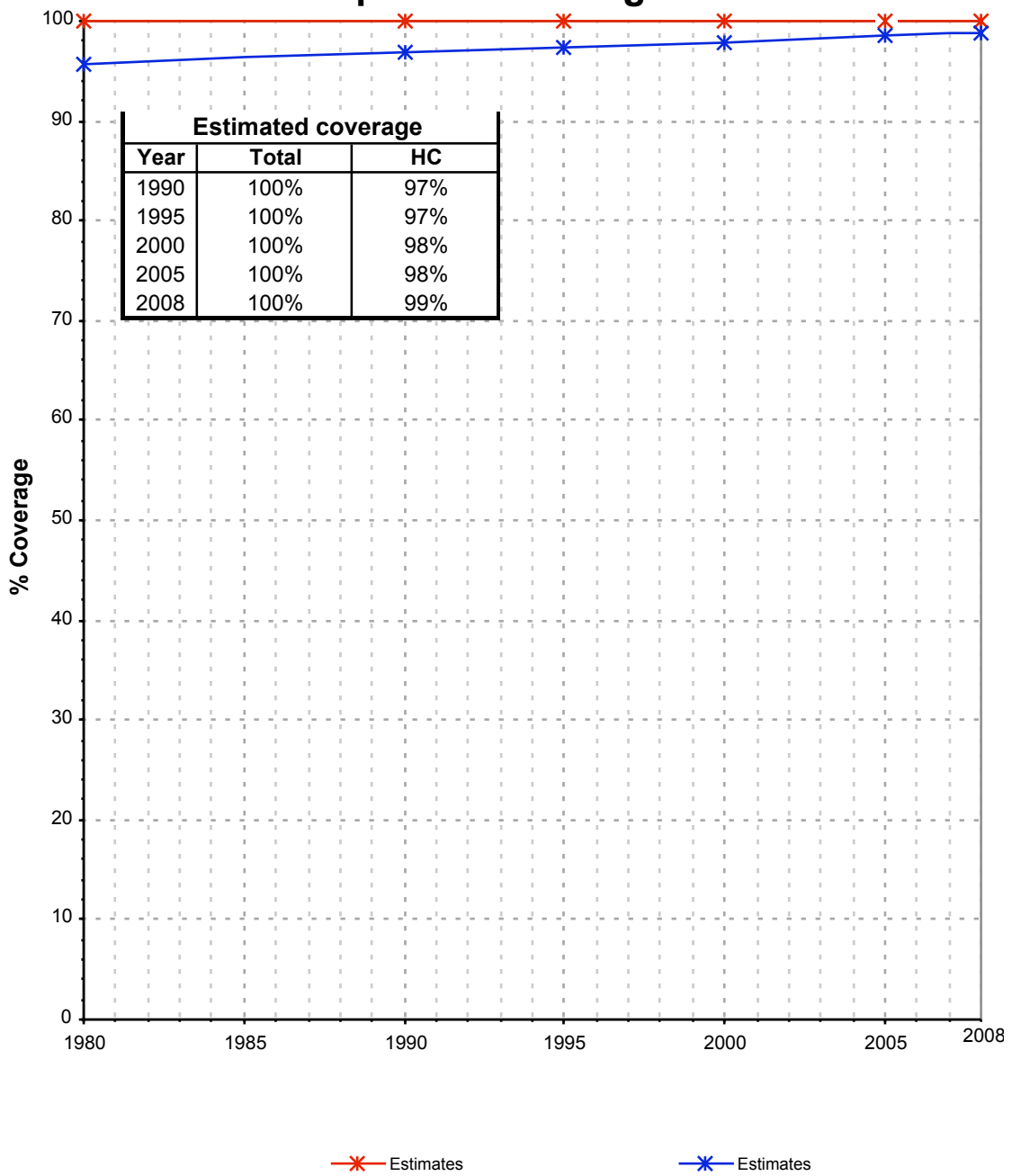
MHLW98	Japan			Access to drinking water sources	MHLW99	Japan		
				Ministry of Health, Labour and Welfare				
WATER WORKS	1998			discontinued use of water data from JAPAN WATER WORKS ASSOCIATION		1999		
Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total
Water	97.9	90.4		Household connections	Tap water	97.9	90.8	
House connections	97.9	90.4			House connections	97.9	90.8	
Piped water into dwelling					Piped water into dwelling			
Piped water to yard/plot					Piped water to yard/plot			
Public tap, standpipe					Public tap, standpipe			
Other					Other			
Ground water					Ground water			
Protected ground water					Protected ground water			
Unprotected ground water					Unprotected ground water			
Protected wells or springs					Protected wells or springs			
Private					Private			
Public					Public			
Other					Other			
Unprotected wells or springs					Unprotected wells or springs			
Private					Private			
Public					Public			
Other					Other			
All wells					All wells			
Private					Private			
Public					Public			
Other					Other			
Tubewell, borehole					Tubewell, borehole			
Private					Private			
Public					Public			
Other					Other			
Traditional wells					Traditional wells			
Private					Private			
Public					Public			
Other					Other			
Protected well					Protected well			
Private					Private			
Public					Public			
Other					Other			
Unprotected well					Unprotected well			
Private					Private			
Public					Public			
Other					Other			
All springs					All springs			
Private					Private			
Public					Public			
Other					Other			
Protected spring					Protected spring			
Private					Private			
Public					Public			
Other					Other			
Unprotected spring					Unprotected spring			
Private					Private			
Public					Public			
Other					Other			
Rainwater					Rainwater			
Covered cistern/tank					Covered cistern/tank			
Uncovered cistern/tank					Uncovered cistern/tank			
Bottled water					Bottled water			
with other improved					with other improved			
without other improved					without other improved			
Surface water					Surface water			
River					River			
Lake					Lake			
Dam					Dam			
Pond					Pond			
Stream					Stream			
Irrigation channel					Irrigation channel			
Other					Other			
Other improved sources					Other improved sources			
Other					Other			
Other					Other			
Other non-improved					Other non-improved			
Cart with small tank/drum					Cart with small tank/drum			
Tanker truck provided					Tanker truck provided			
Other					Other			
Other					Other			
DK/missing	97.9	90.4			DK/missing	97.9	90.8	
Total					Total			
				Calculations				
				Estimations				
Access to improved drinking water sources :	100%	100%			Access to improved drinking water sources :	100%	100%	
Access to house connections :	98%	90%			Access to house connections :	98%	91%	
Used for the estimates :	Yes	Yes			Used for the estimates :	Yes	Yes	
Used for the estimates :	Yes	Yes			Used for the estimates :	Yes	Yes	
Tap water	100%	100%			HC / Tap water	100%	100%	
Tap / Tap water					Public tap / Tap water			
Protected well / All wells					Tubewell + protected well / All wells			
Protected wells / Traditional wells					Protected wells / Traditional wells			
All wells					Tubewell / All wells			
All springs					Protected springs / All springs			
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				

Access to drinking water sources		MHLW00			Japan			Access to drinking water sources		MHLW01			Japan						
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION				
Original denomination		Classification			Urban	Rural	Total	Original denomination		Classification			Urban	Rural	Total				
Household connections	Tap water	House connections	98.1	91.4			Household connections	Tap water	House connections	98.1	91.5								
		Piped water into dwelling							Piped water into dwelling										
		Piped water to yard/plot							Piped water to yard/plot										
		Public tap, standpipe							Public tap, standpipe										
		Other							Other										
		Ground water							Ground water										
		Protected ground water							Protected ground water										
		Unprotected ground water							Unprotected ground water										
		Protected wells or springs							Protected wells or springs										
		Private							Private										
		Public							Public										
		Other							Other										
		Unprotected wells or springs							Unprotected wells or springs										
		Private							Private										
		Public							Public										
		Other							Other										
		All wells							All wells										
		Private							Private										
		Public							Public										
		Other							Other										
		Tubewell, borehole							Tubewell, borehole										
		Private							Private										
		Public							Public										
		Other							Other										
		Traditional wells							Traditional wells										
		Private							Private										
		Public							Public										
		Other							Other										
		Protected well							Protected well										
		Private							Private										
		Public							Public										
		Other							Other										
		Unprotected well							Unprotected well										
		Private							Private										
		Public							Public										
		Other							Other										
		All springs							All springs										
		Private							Private										
		Public							Public										
		Other							Other										
		Protected spring							Protected spring										
		Private							Private										
		Public							Public										
		Other							Other										
		Unprotected spring							Unprotected spring										
		Private							Private										
		Public							Public										
		Other							Other										
		Rainwater							Rainwater										
		Covered cistern/tank							Covered cistern/tank										
		Uncovered cistern/tank							Uncovered cistern/tank										
		Bottled water							Bottled water										
		with other improved							with other improved										
		without other improved							without other improved										
		Surface water							Surface water										
		River							River										
		Lake							Lake										
		Dam							Dam										
		Pond							Pond										
		Stream							Stream										
		Irrigation channel							Irrigation channel										
		Other							Other										
		Other improved sources							Other improved sources										
		Other							Other										
		Other non-improved							Other non-improved										
		Cart with small tank/drum							Cart with small tank/drum										
		Tanker truck provided							Tanker truck provided										
		Other							Other										
		Other							Other										
		DK/missing							DK/missing										
		Total	98.1	91.4					Total	98.1	91.5								
Calculations								Calculations											
Estimations								Estimations											
Access to improved drinking water sources :			100%	100%			Access to improved drinking water sources :			100%	100%								
Access to house connections :			98%	91%			Access to house connections :			98%	92%								
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		100%	100%			Ratios	HC / Tap water		100%	100%								
	Public tap / Tap water							Public tap / Tap water											
	Tubewell + protected well / All wells							Tubewell + protected well / All wells											
	Protected wells / Traditional wells							Protected wells / Traditional wells											
	Tubewell / All wells							Tubewell / All wells											
	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							Comments												

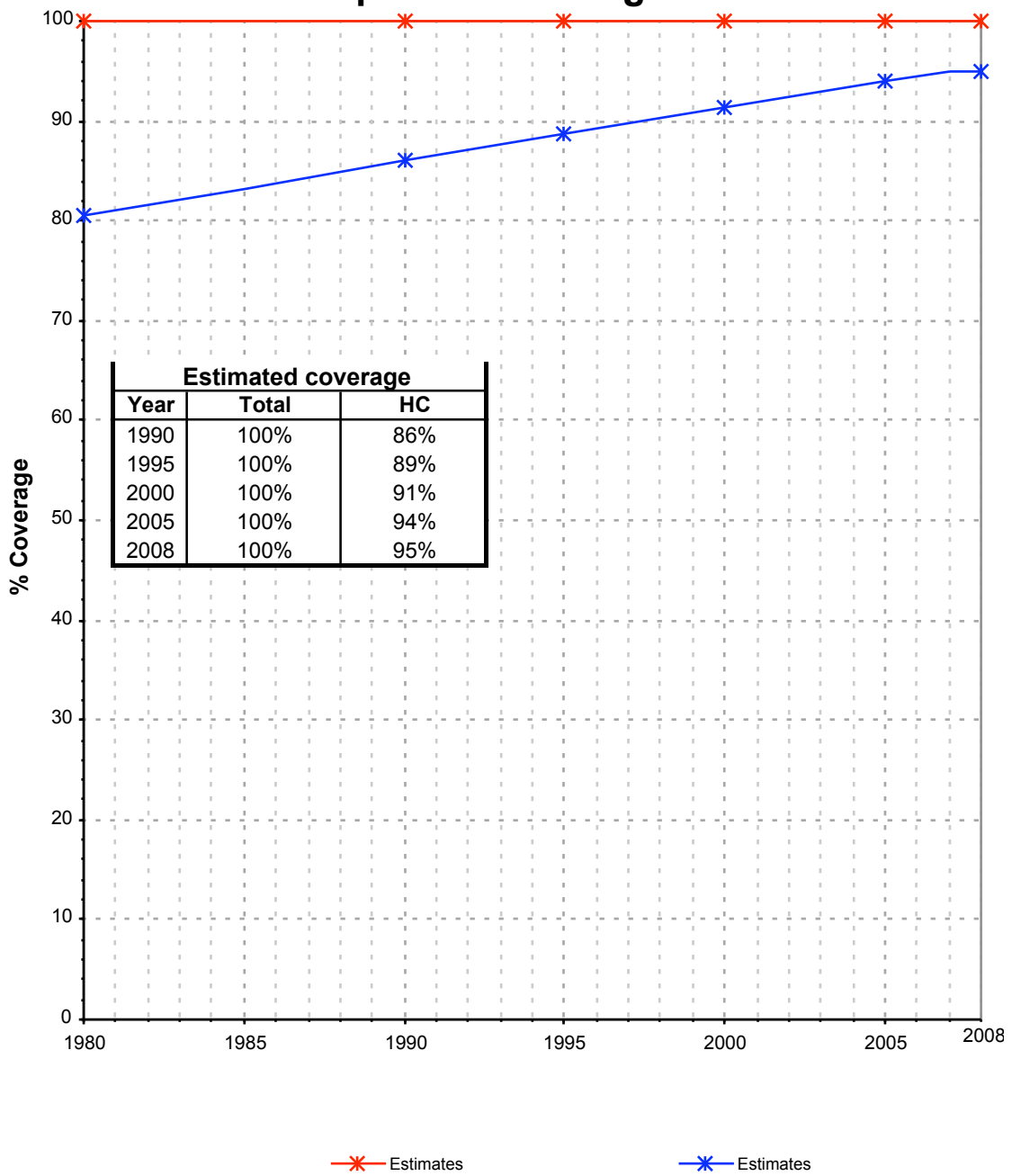
Access to drinking water sources		MHLW02			Japan			Access to drinking water sources		MHLW03			Japan		
Ministry of Health, Labour and Welfare					Ministry of Health, Labour and Welfare										
discontinued use of water data from JAPAN WATER WORKS ASSOCIATION					discontinued use of water data from JAPAN WATER WORKS ASSOCIATION										
Original denomination		Classification			Urban			Rural			Total				
Original denomination		Classification			Urban			Rural			Total				
Household connections	Tap water	House connections	98.1	91.9				Household connections	Tap water	House connections	98.1	92.2			
		Piped water into dwelling								Piped water into dwelling					
		Piped water to yard/plot								Piped water to yard/plot					
		Public tap, standpipe								Public tap, standpipe					
		Other								Other					
		Ground water								Ground water					
		Protected ground water								Protected ground water					
		Unprotected ground water								Unprotected ground water					
		Protected wells or springs								Protected wells or springs					
		Private								Private					
		Public								Public					
		Other								Other					
		Unprotected wells or springs								Unprotected wells or springs					
		Private								Private					
		Public								Public					
		Other								Other					
		All wells								All wells					
		Private								Private					
		Public								Public					
		Other								Other					
		Tubewell, borehole								Tubewell, borehole					
		Private								Private					
		Public								Public					
		Other								Other					
		Traditional wells								Traditional wells					
		Private								Private					
		Public								Public					
		Other								Other					
		Protected well								Protected well					
		Private								Private					
		Public								Public					
		Other								Other					
		Unprotected well								Unprotected well					
		Private								Private					
		Public								Public					
		Other								Other					
		All springs								All springs					
		Private								Private					
		Public								Public					
		Other								Other					
		Protected spring								Protected spring					
		Private								Private					
		Public								Public					
		Other								Other					
		Unprotected spring								Unprotected spring					
		Private								Private					
		Public								Public					
		Other								Other					
		Rainwater								Rainwater					
		Covered cistern/tank								Covered cistern/tank					
		Uncovered cistern/tank								Uncovered cistern/tank					
		Bottled water								Bottled water					
		with other improved								with other improved					
		without other improved								without other improved					
		Surface water								Surface water					
		River								River					
		Lake								Lake					
		Dam								Dam					
		Pond								Pond					
		Stream								Stream					
		Irrigation channel								Irrigation channel					
		Other								Other					
		Other improved sources								Other improved sources					
		Other								Other					
		Other non-improved								Other non-improved					
		Cart with small tank/drum								Cart with small tank/drum					
		Tanker truck provided								Tanker truck provided					
		Other								Other					
		Other								Other					
		DK/missing								DK/missing					
		Total	98.1	91.9						Total	98.1	92.2			
Calculations									Calculations						
Estimations									Estimations						
Access to improved drinking water sources :			100%	100%					Access to improved drinking water sources :			100%	100%		
Access to house connections :			98%	92%					Access to house connections :			98%	92%		
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		100%	100%					HC / Tap water		100%	100%			
	Public tap / Tap water								Public tap / Tap water						
	Tubewell + protected well / All wells								Tubewell + protected well / All wells						
	Protected wells / Traditional wells								Protected wells / Traditional wells						
	Tubewell / All wells								Tubewell / All wells						
	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									Comments						

Japan			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
JAPAN WATER WORKS ASSOCIATION	JWWA90	1990								
JAPAN WATER WORKS ASSOCIATION	JWWA00	2000								
Ministry of Health, Labour and Welfare	MHLW80	1980	95.3		100.0			79.5		100.0
Ministry of Health, Labour and Welfare	MHLW81	1981	95.5		100.0			80.5		100.0
Ministry of Health, Labour and Welfare	MHLW82	1982	95.7		100.0			81.1		100.0
Ministry of Health, Labour and Welfare	MHLW83	1983	95.9		100.0			82.0		100.0
Ministry of Health, Labour and Welfare	MHLW84	1984	96.2		100.0			82.8		100.0
Ministry of Health, Labour and Welfare	MHLW85	1985	96.3		100.0			83.3		100.0
Ministry of Health, Labour and Welfare	MHLW86	1986	96.5		100.0			83.9		100.0
Ministry of Health, Labour and Welfare	MHLW87	1987	96.6		100.0			84.7		100.0
Ministry of Health, Labour and Welfare	MHLW88	1988	96.8		100.0			85.3		100.0
Ministry of Health, Labour and Welfare	MHLW89	1989	96.9		100.0			85.8		100.0
Ministry of Health, Labour and Welfare	MHLW90	1990	97.1		100.0			86.5		100.0
Ministry of Health, Labour and Welfare	MHLW91	1991	97.2		100.0			86.8		100.0
Ministry of Health, Labour and Welfare	MHLW92	1992	97.3		100.0			87.4		100.0
Ministry of Health, Labour and Welfare	MHLW93	1993	97.4		100.0			88.0		100.0
Ministry of Health, Labour and Welfare	MHLW94	1994	97.5		100.0			88.5		100.0
Ministry of Health, Labour and Welfare	MHLW95	1995	97.6		100.0			89.2		100.0
Ministry of Health, Labour and Welfare	MHLW96	1996	97.7		100.0			89.7		100.0
Ministry of Health, Labour and Welfare	MHLW97	1997	97.8		100.0			90.0		100.0
Ministry of Health, Labour and Welfare	MHLW98	1998	97.9		100.0			90.4		100.0
Ministry of Health, Labour and Welfare	MHLW99	1999	97.9		100.0			90.8		100.0
Ministry of Health, Labour and Welfare	MHLW00	2000	98.1		100.0			91.4		100.0
Ministry of Health, Labour and Welfare	MHLW01	2001	98.1		100.0			91.5		100.0
Ministry of Health, Labour and Welfare	MHLW02	2002	98.1		100.0			91.9		100.0
Ministry of Health, Labour and Welfare	MHLW03	2003	98.1		100.0			92.2		100.0
Ministry of Health, Labour and Welfare	MHLW04	2004	97.9		100.0			92.8		100.0
Ministry of Health, Labour and Welfare	MHLW05	2005	97.7		100.0			93.3		100.0

Japan - urban - Use of improved drinking water sources



Japan - rural - Use of improved drinking water sources



Drinking Water

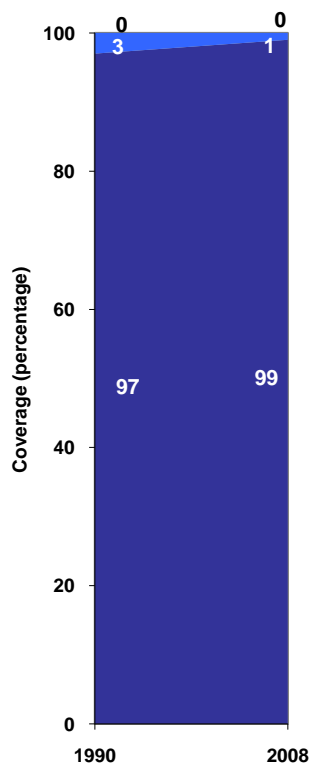
Japan	Drinking water coverage estimates					
	Urban (%)		Rural (%)		Total (%)	
	1990	2008	1990	2008	1990	2008
Piped into premises	97	99	86	95	93	98
Other improved source	3	1	14	5	7	2
Unimproved source	0	0	0	0	0	0

Source: WHO/UNICEF JMP, 2010

Japan	Urban		Rural		Total	
	1990	2008	1990	2008	1990	2008
Population (x1000)	77725	84585	45466	42708	123191	127293

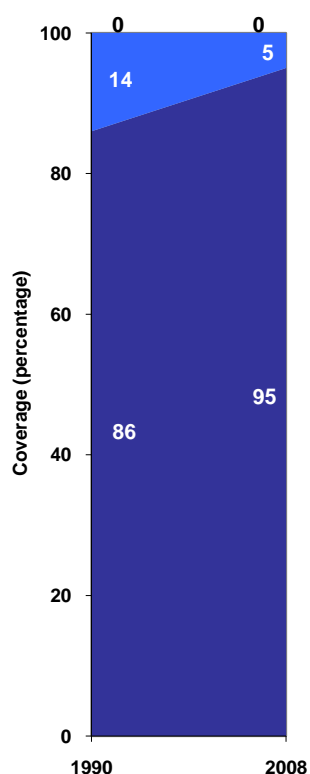
Source: UN / Population Division, 2008

Urban drinking water trends



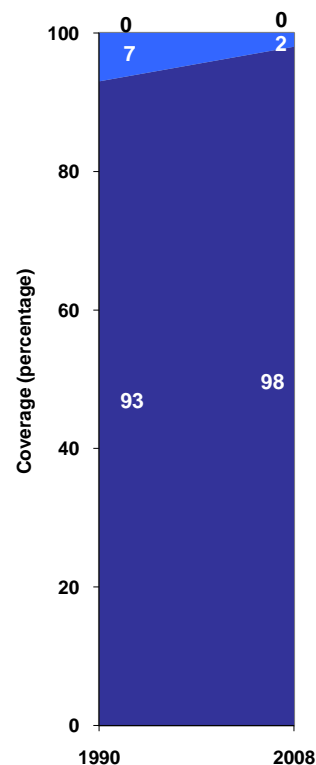
■ Unimproved sources
■ Other improved sources
■ Piped onto premises

Rural drinking water trends



■ Piped onto premises
■ Other improved sources
■ Unimproved sources

Total drinking water trends



■ Unimproved sources
■ Other improved sources
■ Piped onto premises