



**WHO / UNICEF**

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

Estimates for the use of

**Improved  
Drinking-Water Sources**

Updated March 2010

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**Ghana**

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Access to drinking water sources		DHS98		Ghana		Access to drinking water sources		JMP99		Ghana	
Demographic and Health Survey				1998		Global Water Supply and Sanitation Assessment 2000. Water Supply and Sanitation Sector Questionnaire - 1999. Form 6 sent to WHO.				1999	
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total		
Piped into residence	<b>Tap water</b>	84.0	75.7		Population served with household connection	<b>Tap water</b>	31.3	0.0			
	House connections	41.4	3.5			House connections					
	Piped water into dwelling					Piped water into dwelling					
	Piped water to yard/plot					Piped water to yard/plot					
Public tap/ neighbour's house	Public tap, standpipe	42.6	12.2			Public tap, standpipe					
	Other					Other					
	<b>Ground water</b>	9.6	47.7		Population without household connection but with reasonable access to a public	<b>Ground water</b>	40.3	53.7			
	Protected ground water	3.2	29.6			Protected ground water	40.3	53.7			
	Unprotected ground water					Unprotected ground water					
	Protected wells or springs	3.2	29.6	0.0		Protected wells or springs					
	Private					Private					
	Public					Public					
	Other					Other					
	Unprotected wells or springs					Unprotected wells or springs					
	Private					Private					
	Public					Public					
	Other					Other					
	<b>All wells</b>	9.2	46.3			<b>All wells</b>					
	Private	0.8	1.9			Private					
	Public	5.2	14.8			Public					
	Other					Other					
Bore hole	Tubewell, borehole	3.2	29.6			Tubewell, borehole					
	Private					Private					
	Public					Public					
	Other					Other					
	<b>Traditional wells</b>	6.0	16.7			<b>Traditional wells</b>					
	Private	0.8	1.9			Private					
	Public	5.2	14.8			Public					
	Other					Other					
	Protected well					Protected well					
	Private					Private					
	Public					Public					
	Other					Other					
	Unprotected well					Unprotected well					
	Private					Private					
	Public					Public					
	Other					Other					
Spring	<b>All springs</b>	0.4	1.4			<b>All springs</b>					
	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					
	<b>Rainwater</b>	0.5	0.9			<b>Rainwater</b>					
Rainwater	Covered cistern/tank	0.5	0.9			Covered cistern/tank					
	Uncovered cistern/tank					Uncovered cistern/tank					
	<b>Bottled water</b>					<b>Bottled water</b>					
	with other improved					with other improved					
	without other improved					without other improved					
	<b>Surface water</b>	4.4	32.4			<b>Surface water</b>					
River/stream	River	3.4	25.5			River					
	Lake					Lake					
Dam	Dam	0.9	4.4			Dam					
Pond/lake	Pond	0.1	2.5			Pond					
	Stream					Stream					
	Irrigation channel					Irrigation channel					
	Other					Other					
	<b>Other improved sources</b>					<b>Other improved sources</b>					
	Other					Other					
	Other					Other					
	<b>Other non-improved</b>	1.5	3.3		Total population unserved	<b>Other non-improved</b>	28.4	46.3			
	Cart with small tank/drum					Cart with small tank/drum					
Tanker/truck	Tanker truck provided	1.2	0.5			Tanker truck provided					
Dugout	Other	0.3	2.8			Other					
	Other					Other					
	<b>DK/missing</b>					<b>DK/missing</b>					
	<b>Total</b>	100.0	100.0			<b>Total</b>	100.0	100.0			
<b>Calculations</b>					<b>Calculations</b>						
<b>Estimations</b>	Protected Wells ( estimated using CWIQ97)	3.7	10.3		<b>Estimations</b>						
	Springs considered improved based on DHS98	0.1	0.1								
<b>Access to improved drinking water sources :</b>		<b>92%</b>	<b>57%</b>		<b>Access to improved drinking water sources :</b>		<b>72%</b>	<b>54%</b>			
<b>Access to house connections :</b>		<b>41%</b>	<b>4%</b>		<b>Access to house connections :</b>		<b>31%</b>	<b>0%</b>			
Used for the estimates:		Yes	Yes		Used for the estimates:		No	No			
Used for the estimates:		Yes	Yes		Used for the estimates:		No	No			
<b>Ratios</b>	HC / Tap water	49%	22%		<b>Ratios</b>	HC / Tap water	100%				
	Public tap / Tap water	51%	78%			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	35%	64%			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:		6700	8361			
Number of households covered by the survey:					Number of households covered by the survey:						
Total population:					Total population:						
<b>Comments</b>					<b>Comments</b>						

Access to drinking water sources		DHS03		Ghana		Access to drinking water sources		WHS03		Ghana	
Demographic and Health Survey				World Health Survey							
				2003							
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total		
	<b>Tap water</b>	72.5	10.8			<b>Tap water</b>	71.6	24.0			
	House connections	33.4	1.9		Piped water through house connection or yard	House connections	34.6	5.7			
Piped into dwelling	Piped water into dwelling	11.5	0.7			Piped water into dwelling					
Piped into compound/plot	Piped water to yard/plot	21.9	1.2			Piped water to yard/plot					
Public tap	Public tap, standpipe	39.1	8.9		Public standpipe	Public tap, standpipe	37.0	18.3			
Sachet water	Other					Other					
	<b>Ground water</b>	18.9	57.8			<b>Ground water</b>	20.5	52.5			
	Protected ground water	10.2	42.8			Protected ground water	15.6	41.8			
	Unprotected ground water	8.4	14.1		Protected dug well or protected spring	Unprotected ground water	4.9	10.7			
	Protected wells or springs	10.2	42.8			Protected wells or springs	6.3	9.3	0.0		
	Private	2.4	1.7			Private					
	Public	7.8	41.1			Public					
	Other					Other					
	Unprotected wells or springs	8.4	14.1		Unprotected dug well or spring	Unprotected wells or springs	4.9	10.7			
	Private	2.5	1.3			Private					
	Public	5.9	12.8			Public					
	Other					Other					
	<b>All wells</b>	18.6	56.9	0.0		<b>All wells</b>	9.3	32.5			
	Private	4.9	3.0			Private					
	Public	13.7	53.9			Public					
	Other					Other					
	Tubewell, borehole				Protected tube well or bore hole	Tubewell, borehole	9.3	32.5			
	Private					Private					
	Public					Public					
	Other					Other					
	<b>Traditional wells</b>	18.6	56.9	0.0		<b>Traditional wells</b>					
	Private	4.9	3.0			Private					
	Public	13.7	53.9			Public					
	Other					Other					
	Protected well	10.2	42.8	0.0		Protected well					
	Private	2.4	1.7			Private					
	Public	7.8	41.1			Public					
	Other					Other					
	Unprotected well	8.4	14.1	0.0		Unprotected well					
	Private	2.5	1.3			Private					
	Public	5.9	12.8			Public					
	Other					Other					
	<b>All springs</b>	0.3	0.9			<b>All springs</b>					
	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					
	<b>Rainwater</b>	0.5	0.2			<b>Rainwater</b>	1.2	1.1			
Rainwater	Covered cistern/tank	0.5	0.2		Rainwater (into tank or cistern )	Covered cistern/tank	1.2	1.1			
	Uncovered cistern/tank					Uncovered cistern/tank					
Sachet water	<b>Bottled water</b>	3.0	0.3			<b>Bottled water</b>					
	with other improved					with other improved					
	without other improved					without other improved					
	<b>Surface water</b>	2.6	30.4		Water taken directly from pond-water or stream	<b>Surface water</b>	2.3	20.7			
River, stream	River	2.0	24.3			River					
	Lake					Lake					
Dam	Dam	0.1	3.7			Dam					
Pond, lake	Pond	0.5	2.4			Pond					
	Stream					Stream					
	Irrigation channel					Irrigation channel					
	Other					Other					
	<b>Other improved sources</b>					<b>Other improved sources</b>					
	Other					Other					
	Other					Other					
	<b>Other non-improved</b>	2.7	0.4			<b>Other non-improved</b>	4.4	1.8			
	Cart with small tank/drum					Cart with small tank/drum					
Tanker truck	Tanker truck provided	2.3	0.4		Tanker-truck, vendor	Tanker truck provided	4.4	1.8			
Other	Other	0.4	0.0			Other					
	Other					Other					
Missing	<b>DK/missing</b>	0.0	0.1			<b>DK/missing</b>					
	<b>Total</b>	100.2	100.0			<b>Total</b>	100.0	100.1			
<b>Calculations</b>	Ratio private standpipe/all standpipe	35.9%	11.9%		<b>Calculations</b>						
<b>Estimations</b>	Sachet water considered improved based on DHS08	2.6	0.2		<b>Estimations</b>						
	Springs considered improved based on DHS08	0.1	0.1								
<b>Access to improved drinking water sources :</b>				86%	54%	<b>Access to improved drinking water sources :</b>				88%	67%
<b>Access to house connections :</b>				33%	2%	<b>Access to house connections :</b>				35%	6%
Used for the estimates :				Yes	Yes	Used for the estimates :				Yes	Yes
<b>Ratios</b>	HC / Tap water	46%	18%		<b>Ratios</b>	HC / Tap water	48%	24%			
	Public tap / Tap water	54%	82%			Public tap / Tap water	52%	76%			
	Tubewell + protected well / All wells	55%	75%			Tubewell + protected well / All wells	100%	100%			
	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	55%	75%			Protect. well & spring / well & spring	56%	47%			
Springs/Groundwater	2%	2%									
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:					
<b>Comments</b>				<b>Comments</b>							

Access to drinking water sources		CWIQ03		Ghana		Access to drinking water sources		MICS06		Ghana					
Core Welfare Indicator Questionnaire				2003				Multiple Indicator Cluster Survey				2006			
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
Piped into dwelling or compound	<b>Tap water</b>	72.5	14.4			<b>Tap water</b>	65.7	19.5			<b>Tap water</b>	65.7	19.5		
	House connections	36.0	2.3				House connections	26.9	2.7			26.9	2.7		
	Piped water into dwelling					Piped into dwelling	10.1	0.7			Piped water into dwelling	10.1	0.7		
	Piped water to yard/plot					Piped into yard or plot	16.8	2.0			Piped water to yard/plot	16.8	2.0		
Public outdoor tap	Public tap, standpipe	36.5	12.1			Public tap/standpipe	38.8	15.8			Public tap, standpipe	38.8	15.8		
	Other														
	<b>Ground water</b>	17.1	53.7			<b>Ground water</b>	16.9	56.8			<b>Ground water</b>	16.9	56.8		
	Protected ground water	15.0	48.6			Protected ground water	13.1	48.8			Protected ground water	13.1	48.8		
	Unprotected ground water	2.1	5.1			Unprotected ground water	3.5	7.3			Unprotected ground water	3.5	7.3		
	Protected wells or springs	15.0	48.6	0.0		Protected wells or springs	13.1	48.8	0.0		Protected wells or springs	13.1	48.8	0.0	
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected wells or springs	2.1	5.1	0.0		Unprotected wells or springs	3.5	7.3	0.0		Unprotected wells or springs	3.5	7.3	0.0	
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>All wells</b>	17.1	53.7			<b>All wells</b>	16.6	56.1			<b>All wells</b>	16.6	56.1		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Borehole	Tubewell, borehole	7.5	42.1		Borehole	Tubewell, borehole	6.5	44.1			Tubewell, borehole	6.5	44.1		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>Traditional wells</b>	9.6	11.6			<b>Traditional wells</b>	10.1	12.0			<b>Traditional wells</b>	10.1	12.0		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected well	Protected well	7.5	6.5		Protected well	Protected well	6.6	4.7			Protected well	6.6	4.7		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected well	Unprotected well	2.1	5.1		Unprotected well	Unprotected well	3.5	7.3			Unprotected well	3.5	7.3		
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>All springs</b>				Spring	<b>All springs</b>	0.3	0.7			<b>All springs</b>	0.3	0.7		
	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				
	<b>Rainwater</b>	1.0	2.5			<b>Rainwater</b>	0.2	0.7			<b>Rainwater</b>	0.2	0.7		
Rain water	Covered cistern/tank	1.0	2.5		Rainwater collection	Covered cistern/tank	0.2	0.7			Covered cistern/tank	0.2	0.7		
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank				
	<b>Bottled water</b>					<b>Bottled water</b>	0.3	0.0			<b>Bottled water</b>	0.3	0.0		
	with other improved				Bottled water (+improved)	with other improved	0.3	0.0			with other improved	0.3	0.0		
	without other improved				Bottled water (+ unimproved)	without other improved	0.0	0.0			without other improved	0.0	0.0		
River, lake, pond	<b>Surface water</b>	3.4	27.5			<b>Surface water</b>	0.7	22.1			<b>Surface water</b>	0.7	22.1		
	River				River/stream	River	0.7	18.9			River	0.7	18.9		
	Lake					Lake					Lake				
	Dam				Dam/lake/pond/canal/irrigation channel	Dam	0.0	3.2			Dam	0.0	3.2		
	Pond					Pond					Pond				
	Stream					Stream					Stream				
	Irrigation channel					Irrigation channel					Irrigation channel				
	Other					Other					Other				
	<b>Other improved sources</b>					<b>Other improved sources</b>					<b>Other improved sources</b>				
	Other					Other					Other				
	Other					Other					Other				
	<b>Other non-improved</b>	6.0	1.8			<b>Other non-improved</b>	16.1	1.8			<b>Other non-improved</b>	16.1	1.8		
	Cart with small tank/drum				Cart with small tank/drum	Cart with small tank/drum	0.1	0.0			Cart with small tank/drum	0.1	0.0		
Vendor, truck	Tanker truck provided	6.0	1.8		Tanker-truck	Tanker truck provided	2.3	0.2			Tanker truck provided	2.3	0.2		
Other	Other	0.0	0.0		Other	Other	2.4	0.6			Other	2.4	0.6		
	Other				Sachet water	Other	11.3	1.0			Other	11.3	1.0		
	<b>DK/missing</b>					<b>DK/missing</b>					<b>DK/missing</b>				
	<b>Total</b>	100.0	99.9			<b>Total</b>	99.9	99.9			<b>Total</b>	99.9	99.9		
Calculations						Calculations	Ratio private standpipe/all standpipe	30.2%	11.2%						
Estimations						Estimations	Sachet water considered improved based on DHS08	10.0	0.8						
							Springs considered improved based on DHS08	0.1	0.1						
<b>Access to improved drinking water sources :</b>		<b>89%</b>	<b>66%</b>			<b>Access to improved drinking water sources :</b>		<b>89%</b>	<b>69%</b>						
<b>Access to house connections :</b>		<b>36%</b>	<b>2%</b>			<b>Access to house connections :</b>		<b>27%</b>	<b>3%</b>						
Used for the estimates :		Yes	Yes			Used for the estimates :		Yes	Yes						
Ratios	HC / Tap water	50%	16%			Ratios	HC / Tap water	41%	15%						
	Public tap / Tap water	50%	84%				Public tap / Tap water	59%	85%			Public tap / Tap water	59%	85%	
	Tubewell + protected well / All wells	88%	91%				Tubewell + protected well / All wells	79%	87%			Tubewell + protected well / All wells	79%	87%	
	Protected wells / Traditional wells	78%	56%				Protected wells / Traditional wells	65%	39%			Protected wells / Traditional wells	65%	39%	
	Tubewell / All wells	44%	75%				Tubewell / All wells	39%	78%			Tubewell / All wells	39%	78%	
	Protected springs / All springs						Protected springs / All springs					Protected springs / All springs			
	Protect. well & spring / well & spring	88%	91%				Protect. well & spring / well & spring	79%	87%			Protect. well & spring / well & spring	79%	87%	
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:									
<b>Comments</b>						<b>Comments</b>									

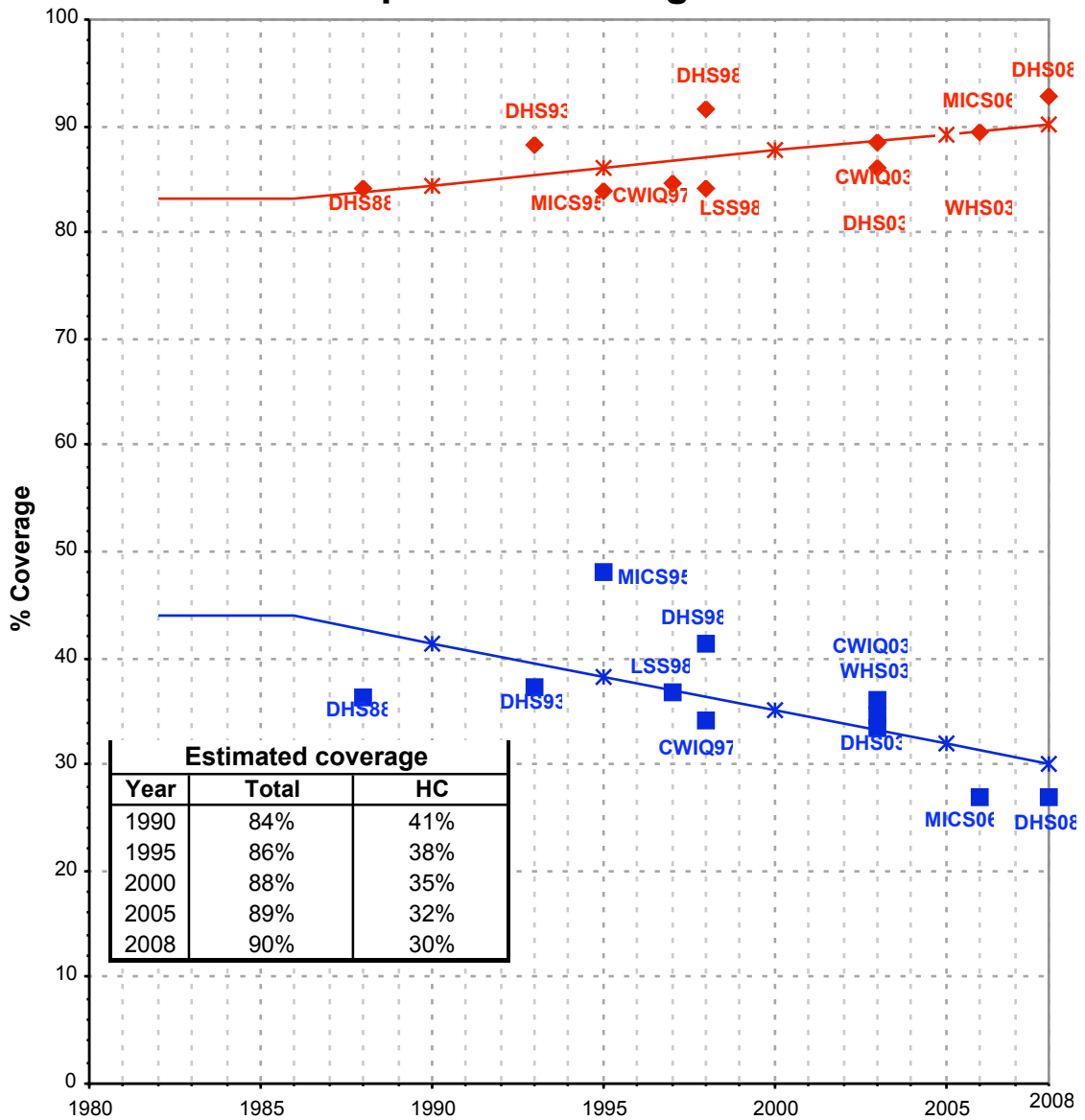
Access to drinking water sources		CWIQ97		Ghana		Access to drinking water sources		LSS98		Ghana	
CORE WELFARE INDICATORS QUESTIONNAIRE (CWIQ)				LIVING STANDARDS SURVEY 4							
Statistical Service				Statistical Service							
		1997						1998			
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total		
Piped into dwelling	<b>Tap water</b>	75.0	12.4			<b>Tap water</b>	65.0	19.9			
	House connections	36.8	2.1			House connections	34.0	3.4			
	Piped water into dwelling				Indoor plumbing/standpipe	Piped water into dwelling	34.0	3.4			
	Piped water to yard/plot										
Public Tap	Public tap, standpipe	38.2	10.3		Public standpipe	Public tap, standpipe	14.4	11.1			
	Other				Private outside standpipe/tap	Other	16.6	4.3			
	<b>Ground water</b>	13.2	45.7			<b>Ground water</b>	9.2	42.7			
	Protected ground water	9.7	37.2			Protected ground water	1.5	28.3			
	Unprotected ground water	3.5	8.5			Unprotected ground water					
	Protected wells or springs	9.7	37.2			Protected wells or springs	1.5	28.3	0.0		
	Private					Private					
	Public					Public					
	Other					Other					
	Unprotected wells or springs	3.5	8.5	0.0		Unprotected wells or springs					
	Private					Private					
	Public					Public					
	Other					Other					
	<b>All wells</b>	13.2	45.7			<b>All wells</b>	9.2	42.7			
	Private					Private					
	Public					Public					
	Other					Other					
Borehole	Tubewell, borehole	4.1	30.9		Well with pump	Tubewell, borehole	1.5	28.3			
	Private					Private					
	Public					Public					
	Other					Other					
	<b>Traditional wells</b>	9.2	14.8		Well without pump	<b>Traditional wells</b>	7.7	14.4			
	Private					Private					
	Public					Public					
	Other					Other					
Protected well	Protected well	5.6	6.2			Protected well					
	Private					Private					
	Public					Public					
	Other					Other					
Unprotected well	Unprotected well	3.5	8.5			Unprotected well					
	Private					Private					
	Public					Public					
	Other					Other					
	<b>All springs</b>					<b>All springs</b>					
	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					
	<b>Rainwater</b>					<b>Rainwater</b>	0.2	0.2			
	Covered cistern/tank				Rainwater	Covered cistern/tank	0.2	0.2			
	Uncovered cistern/tank					Uncovered cistern/tank					
	<b>Bottled water</b>					<b>Bottled water</b>					
	with other improved					with other improved					
	without other improved					without other improved					
River, lake, stream	<b>Surface water</b>	4.2	39.3		River, lake, spring, pond	<b>Surface water</b>	6.6	35.1			
	River					River					
	Lake					Lake					
	Dam					Dam					
	Pond					Pond					
	Stream					Stream					
	Irrigation channel					Irrigation channel					
	Other					Other					
	<b>Other improved sources</b>					<b>Other improved sources</b>	12.5	1.1			
	Other				Neighbouring household	Other	12.5	1.1			
	Other					Other					
	<b>Other non-improved</b>	7.5	2.6			<b>Other non-improved</b>	6.5	2.1			
Vendor	Cart with small tank/drum	7.3	1.7		Water vendor	Cart with small tank/drum	6.3	1.1			
	Tanker truck provided				Water truck/tanker service	Tanker truck provided	0.1	0.8			
Other	Other	0.3	0.8		Other	Other			0.2		
	Other				Other	Other					
	<b>DK/missing</b>					<b>DK/missing</b>					
	<b>Total</b>	100.0	100.0			<b>Total</b>	100.0	100.0			
Calculations						Ratio private standpipe/all standpipe	0.0%	0.0%			
Estimations						Protected Wells ( estimated using CWIQ97)	4.8	6.1			
<b>Access to improved drinking water sources :</b>		<b>85%</b>	<b>50%</b>		<b>Access to improved drinking water sources :</b>		<b>84%</b>	<b>55%</b>			
<b>Access to house connections :</b>		<b>37%</b>	<b>2%</b>		<b>Access to house connections :</b>		<b>34%</b>	<b>3%</b>			
Used for the estimates:		Yes	Yes		Used for the estimates:		Yes	Yes			
Ratios	HC / Tap water	49%	17%		Ratios	HC / Tap water	52%	18%			
	Public tap / Tap water	51%	83%			Public tap / Tap water	22%	59%			
	Tubewell + protected well / All wells	73%	81%			Tubewell + protected well / All wells					
	Protected wells / Traditional wells	62%	42%			Protected wells / Traditional wells					
	Tubewell / All wells	31%	68%			Tubewell / All wells	16%	66%			
	Protected springs / All springs					Protected springs / All springs					
	Protect. well & spring / well & spring	73%	81%			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						





Ghana			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
Living standards Survey	LSS88	1988		28.6		28.6		1.0		1.0
Demographic and Health Survey	DHS88	1988	36.3		84.1		1.9		28.4	
Demographic and Health Survey	DHS93	1993	37.2		88.1		2.0		46.7	
Multiple Indicator Cluster Survey	MICS95	1995	48.0		84.0		1.0		50.0	
Demographic and Health Survey	DHS98	1998	41.4		91.5		3.5		56.6	
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		31.3		71.6		0.0		53.7
Demographic and Health Survey	DHS03	2003	33.4		85.9		1.9		54.1	
World Health Survey	WHS03	2003	34.6		88.4		5.7		66.9	
Core Welfare Indicator Questionnaire	CWIQ03	2003	36.0		88.5		2.3		65.5	
Multiple Indicator Cluster Survey	MICS06	2006	26.9		89.4		2.7		68.8	
CORE WELFARE INDICATORS QUESTIONNAIRE (CWIQ)	CWIQ97	1997	36.8		84.7		2.1		49.6	
LIVING STANDARDS SURVEY 4	LSS98	1998	34.0		84.0		3.4		54.5	
Demographic and Health Survey	DHS08	2008	27.0		92.8		2.2		76.5	

# Ghana - urban - Use of improved drinking water sources



Total improved access

Household connections (HC)

◆ Used for the estimates    ■ Used for the estimates    ✱ Estimates    ✱ Estimates

# Ghana - rural - Use of improved drinking water sources

