



**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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**Ethiopia**

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Access to drinking water sources		CEN94			Ethiopia			Access to drinking water sources		CEN96			Ethiopia		
Census					Census					Ministry of Economic Development and Cooperation					
					1994					1996					
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total						
Tap	<b>Tap water</b>	73.0	4.0			<b>Tap water</b>	66.4	6.7							
	House connections				Own Tap	House connections	14.3	0.1							
	Piped water into dwelling					Piped water into dwelling									
	Piped water to yard/plot					Piped water to yard/plot									
	Public tap, standpipe				Public Tap	Public tap, standpipe	52.1	6.6							
	Other					Other									
	<b>Ground water</b>	16.6	49.5			<b>Ground water</b>	6.6	8.1							
	Protected ground water	8.2	10.8			Protected ground water									
	Unprotected ground water	8.5	38.6			Unprotected ground water									
Protected Well/Spring	Protected wells or springs	8.2	10.8			Protected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
Unprotected Well/Spring	Unprotected wells or springs	8.5	38.6			Unprotected wells or springs									
	Private					Private									
	Public					Public									
	Other					Other									
	<b>All wells</b>				Well	<b>All wells</b>	6.6	8.1							
	Private					Private									
	Public					Public									
	Other					Other									
	Tubewell, borehole					Tubewell, borehole									
	Private					Private									
	Public					Public									
	Other					Other									
	<b>Traditional wells</b>					<b>Traditional wells</b>									
	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									
	<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>									
	Covered cistern/tank					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									
River/Lake/Pond	<b>Surface water</b>	9.8	46.3			<b>Surface water</b>									
	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>									
	Other					Other									
	Other					Other									
	<b>Other non-improved</b>					<b>Other non-improved</b>									
	Cart with small tank/drum					Cart with small tank/drum									
	Tanker truck provided					Tanker truck provided									
	Other					Other									
	Other					Other									
Not Stated	<b>DK/missing</b>	0.5	0.3			<b>DK/missing</b>									
	<b>Total</b>	100.0	100.0			<b>Total</b>	73.0	14.9							
<b>Calculations</b>					<b>Calculations</b>										
	Standpipe, based on WMS98	54.2	4.0												
	Protected wells, based on DHS00	2.6	1.2												
	Protected springs based on DHS00	5.6	9.6												
<b>Estimations</b>					<b>Estimations</b>										
						% of wells protected estimated on basis of census 1994	3.2	1.8							
	HC, based on WMS98	18.8	0.0												
<b>Access to improved drinking water sources :</b>		<b>81%</b>	<b>15%</b>		<b>Access to improved drinking water sources :</b>		<b>70%</b>	<b>8%</b>							
<b>Access to house connections :</b>		<b>19%</b>	<b>0%</b>		<b>Access to house connections :</b>		<b>14%</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				<b>Ratios</b>	HC / Tap water	22%	2%							
	Public tap / Tap water					Public tap / Tap water	78%	98%							
	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	49%	22%			Protect. well & spring / well & spring									
Number of people covered by the census:		1482590	9284139		Number of people covered by the census:		20516	31545							
Number of households covered by the census:					Number of households covered by the census:										
Total population:					Total population:										
<b>Comments</b>					<b>Comments</b>	Not used as there is no record of a census in 1996. Data were reported by Ministry of Economic Development and Cooperation and were incomplete									



Access to drinking water sources		POV99			Ethiopia			Access to drinking water sources		JMP99			Ethiopia			
Poverty situation in Ethiopia					Global Water Supply and Sanitation Assessment 2000.											
Ministry of Economic Development and Cooperation					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	Original denomination	Classification	Urban	Rural	Total		
Own Tap	<b>Tap water</b>	66.3	4.4		Population served with household connection	<b>Tap water</b>	73.0	4.0								
	House connections	14.3	0.1			House connections	73.0	4.0								
	Piped water into dwelling					Piped water into dwelling										
	Piped water to yard/plot					Piped water to yard/plot										
Public Tap	Public tap, standpipe	52.0	4.3			Public tap, standpipe										
	Other					Other										
	<b>Ground water</b>	10.4	28.8		Population without household connection but with reasonable access to a public	<b>Ground water</b>	8.2	10.8								
	Protected ground water	6.6	5.3			Protected ground water	8.2	10.8								
	Unprotected ground water	3.8	23.5			Unprotected ground water										
	Protected wells or springs	6.6	5.3	0.0		Protected wells or springs										
	Private					Private										
	Public					Public										
	Other					Other										
	Unprotected wells or springs	3.8	23.5	0.0		Unprotected wells or springs										
	Private					Private										
	Public					Public										
	Other					Other										
	<b>All wells</b>	10.4	28.8			<b>All wells</b>										
	Private					Private										
	Public					Public										
	Other					Other										
	Tubewell, borehole					Tubewell, borehole										
	Private					Private										
	Public					Public										
	Other					Other										
	<b>Traditional wells</b>	10.4	28.8			<b>Traditional wells</b>										
	Private					Private										
	Public					Public										
	Other					Other										
Protected Well	Protected well	6.6	5.3			Protected well										
	Private					Private										
	Public					Public										
	Other					Other										
Unprotected Well	Unprotected well	3.8	23.5			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>										
	Covered cistern/tank					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>	18.5	53.2			<b>Surface water</b>										
River/Lake	River	18.5	53.2			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>										
	Other					Other										
	Other					Other										
	<b>Other non-improved</b>	4.8	13.7		Total population unserved	<b>Other non-improved</b>	18.8	85.2								
	Cart with small tank/drum					Cart with small tank/drum										
	Tanker truck provided					Tanker truck provided										
Other	Other	4.8	13.7			Other										
	Other					Other										
	<b>DK/missing</b>					<b>DK/missing</b>										
	<b>Total</b>	100.0	100.1			<b>Total</b>	100.0	100.0								
Calculations					Calculations											
Estimations					Estimations											
<b>Access to improved drinking water sources :</b>		73%	10%		<b>Access to improved drinking water sources :</b>		81%	15%		<b>Access to improved drinking water sources :</b>		73%	4%			
<b>Access to house connections :</b>		14%	0%		<b>Access to house connections :</b>		73%	4%		<b>Access to house connections :</b>		73%	4%			
Used for the estimates:		No	No		Used for the estimates:		No	No		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	22%	2%		Ratios	HC / Tap water	100%	100%		Ratios	HC / Tap water	100%	100%			
	Public tap / Tap water	76%	98%			Public tap / Tap water					Public tap / Tap water					
	Tubewell + protected well / All wells	63%	18%			Tubewell + protected well / All wells					Tubewell + protected well / All wells					
	Protected wells / Traditional wells					Protected wells / Traditional wells					Protected wells / Traditional wells					
	Tubewell / All wells					Tubewell / All wells					Tubewell / All wells					
	Protected springs / All springs					Protected springs / All springs					Protected springs / All springs					
	Protect. well & spring / well & spring	63%	18%			Protect. well & spring / well & spring					Protect. well & spring / well & spring					
Number of people covered by the survey:					Number of people covered by the survey:		7116	44563		Number of people covered by the survey:						
Number of households covered by the survey:					Number of households covered by the survey:					Number of households covered by the survey:						
Total population:					Total population:					Total population:						
Comments					Comments											

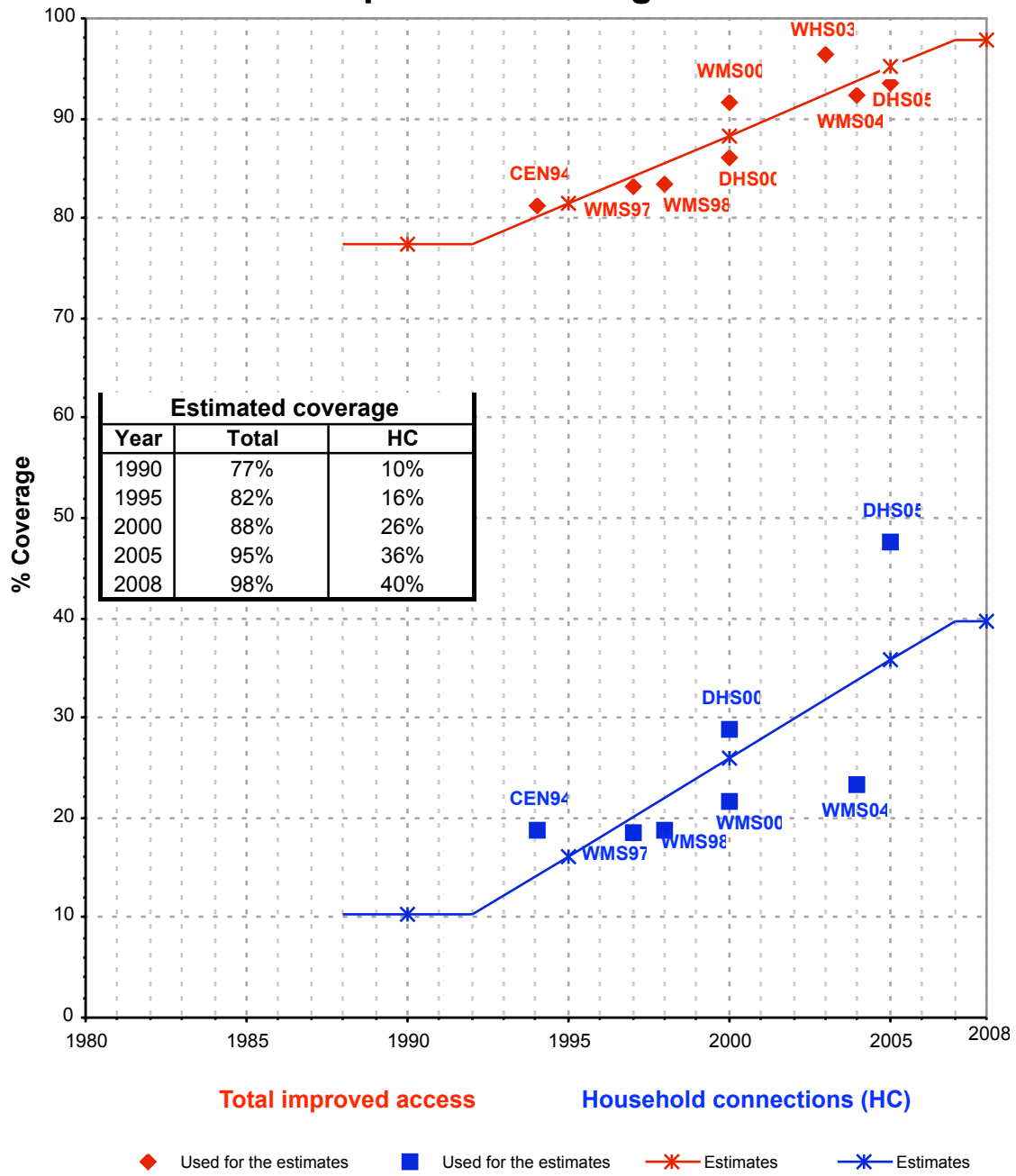
Access to drinking water sources		DHS00			Ethiopia			Access to drinking water sources		WMS00			Ethiopia		
Demographic and Household Survey					Welfare Monitoring Survey					Central Statistical Authority, Addis Ababa					
					2000								2000		
Original denomination	Classification		Urban	Rural	Total	Original denomination	Classification		Urban	Rural	Total				
	<b>Tap water</b>		80.8	5.3			<b>Tap water</b>		83.8	5.5					
	House connections		28.8	0.0			House connections		21.7	0.2					
Piped into dwelling	Piped water into dwelling		0.6	0.0			Piped water into dwelling								
Piped into compound	Piped water to yard/plot		28.2	0.0			Piped water to yard/plot								
Piped outside compound	Public tap, standpipe		52.0	5.3			Public tap, standpipe		62.1	5.3					
	Other						Other								
	<b>Ground water</b>		12.1	59.0			<b>Ground water</b>		11.6	55.5					
	Protected ground water		5.3	8.2			Protected ground water		7.9	11.6					
	Unprotected ground water		6.8	50.8			Unprotected ground water		3.7	43.9					
	Protected wells or springs		5.3	8.2	0.0		Protected wells or springs		7.9	11.6					
	Private						Private								
	Public						Public								
	Other						Other								
	Unprotected wells or springs		6.8	50.8	0.0		Unprotected wells or springs		3.7	43.9					
	Private						Private								
	Public						Public								
	Other						Other								
	<b>All wells</b>		3.8	6.6			<b>All wells</b>								
	Private						Private								
	Public						Public								
	Other						Other								
	Tubewell, borehole						Tubewell, borehole								
	Private						Private								
	Public						Public								
	Other						Other								
	<b>Traditional wells</b>		3.8	6.6			<b>Traditional wells</b>								
	Private						Private								
	Public						Public								
	Other						Other								
Covered well	Protected well		2.1	3.0			Protected well								
	Private						Private								
	Public						Public								
	Other						Other								
Open well	Unprotected well		1.7	3.6			Unprotected well								
	Private						Private								
	Public						Public								
	Other						Other								
	<b>All springs</b>		8.3	52.4			<b>All springs</b>								
	Private						Private								
	Public						Public								
	Other						Other								
Covered spring	Protected spring		3.2	5.2			Protected spring								
	Private						Private								
	Public						Public								
	Other						Other								
Open spring	Unprotected spring		5.1	47.2			Unprotected spring								
	Private						Private								
	Public						Public								
	Other						Other								
	<b>Rainwater</b>						<b>Rainwater</b>								
	Covered cistern/tank						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>		7.0	35.7			<b>Surface water</b>		4.5	38.9					
River	River		6.9	31.4		River/ lake	River		4.5	38.9					
	Lake						Lake								
	Dam						Dam								
Pond/ lake/ dam	Pond		0.1	4.3			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>		0.2	0.0			<b>Other non-improved</b>		0.1	0.1					
	Cart with small tank/drum						Cart with small tank/drum								
	Tanker truck provided						Tanker truck provided								
Other	Other		0.2	0.0		Other	Other		0.1	0.1					
	Other						Other								
	<b>DK/missing</b>						<b>DK/missing</b>								
	<b>Total</b>		100.1	100.0			<b>Total</b>		100.0	100.0					
Calculations						Calculations									
Estimations						Estimations									
<b>Access to improved drinking water sources :</b>			86%	14%		<b>Access to improved drinking water sources :</b>			92%	17%					
<b>Access to house connections :</b>			29%	0%		<b>Access to house connections :</b>			22%	0%					
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		36%	0%		Ratios	HC / Tap water		26%	4%					
	Public tap / Tap water		64%	100%			Public tap / Tap water		74%	96%					
	Tubewell + protected well / All wells		55%	45%			Tubewell + protected well / All wells								
	Protected wells / Traditional wells						Protected wells / Traditional wells								
	Tubewell / All wells						Tubewell / All wells								
	Protected springs / All springs		39%	10%			Protected springs / All springs								
	Protect. well & spring / well & spring		44%	14%			Protect. well & spring / well & spring		68%	21%					
Springs/Groundwater		69%	89%		Springs/Groundwater										
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									

Use of sanitation facilities		WHS03			Ethiopia			Access to drinking water sources		WMS04			Ethiopia		
World Health Survey					Welfare Monitoring Survey					Central Statistical Authority, Addis Ababa					
					2003						2004				
Original denomination	Classification		Urban	Rural	Total	Original denomination	Classification		Urban	Rural	Total				
Piped water through house connection or yard	<b>Tap water</b>		94.8	23.9		Own tap	<b>Tap water</b>		87.7	10.8					
	House connections		61.6	3.0			House connections		23.3	0.6					
	Piped water into dwelling						Piped water into dwelling								
	Piped water to yard/plot						Piped water to yard/plot								
Public standpipe	Public tap, standpipe		33.2	20.9		Public Tap	Public tap, standpipe		64.4	10.2					
	Other						Other								
	<b>Ground water</b>		3.1	47.2			<b>Ground water</b>		9.1	56.5					
	Protected ground water		1.6	15.6			Protected ground water		4.7	14.4					
	Unprotected ground water		1.5	31.7			Unprotected ground water		4.5	42.1					
Protected dug well or protected spring	Protected wells or springs		1.2	11.0	0.0	Protected well/ spring	Protected wells or springs		4.7	14.4					
	Private						Private								
	Public						Public								
	Other						Other								
Unprotected dug well or spring	Unprotected wells or springs		1.5	31.7		Unprotected well/ spring	Unprotected wells or springs		4.5	42.1					
	Private						Private								
	Public						Public								
	Other						Other								
	<b>All wells</b>		0.4	4.5			<b>All wells</b>								
	Private						Private								
	Public						Public								
	Other						Other								
Protected tube well or bore hole	Tubewell, borehole		0.4	4.5			Tubewell, borehole								
	Private						Private								
	Public						Public								
	Other						Other								
	<b>Traditional wells</b>						<b>Traditional wells</b>								
	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								
	<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>		0.0	0.3			<b>Rainwater</b>								
Rainwater (into tank or cistern )	Covered cistern/tank		0.0	0.3			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								
Water taken directly from pond-water or str	<b>Surface water</b>		2.0	28.6		River/ lake	<b>Surface water</b>		3.1	32.4					
	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>								
	Other						Other								
	Other						Other								
	<b>Other non-improved</b>		0.0	0.0			<b>Other non-improved</b>								
	Cart with small tank/drum						Cart with small tank/drum								
Tanker-truck, vendor	Tanker truck provided		0.0	0.0		Other	Tanker truck provided								
	Other						Other								
	Other						Other								
	<b>DK/missing</b>						<b>DK/missing</b>								
	<b>Total</b>		100.0	100.0			<b>Total</b>		99.9	99.7					
Calculations						Calculations									
Estimations						Estimations									
<b>Access to improved drinking water sources :</b>			96%	40%		<b>Access to improved drinking water sources :</b>			92%	25%					
<b>Access to house connections :</b>			62%	3%		<b>Access to house connections :</b>			23%	1%					
Used for the estimates.			Yes	No		Used for the estimates.			Yes	Yes					
Used for the estimates.			No	No		Used for the estimates.			Yes	Yes					
<b>Ratios</b>	HC / Tap water		65%	12%		<b>Ratios</b>	HC / Tap water		27%	6%					
	Public tap / Tap water		35%	88%			Public tap / Tap water		73%	94%					
	Tubewell + protected well / All wells						Tubewell + protected well / All wells								
	Protected wells / Traditional wells						Protected wells / Traditional wells								
	Tubewell / All wells		100%	100%			Tubewell / All wells								
	Protected springs / All springs						Protected springs / All springs								
	Protect. well & spring / well & spring		43%	26%			Protect. well & spring / well & spring		51%	25%					
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		DHS05			Ethiopia			Access to drinking water sources		WMS97			Ethiopia		
Demographic and Household Survey					WELFARE MONITORING SURVEY MODULE, 1997 (YEAR 1)					CENTRAL STATISTICAL AUTHORITY					
					2005								1997		
Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	Original denomination	Classification	Urban	Rural	Total	
	<b>Tap water</b>	90.1	12.5			<b>Tap water</b>	77.0	4.5			<b>Tap water</b>	18.5	0.0		
	House connections	47.5	0.2		Own tap	House connections					House connections				
Piped into dwelling	Piped water into dwelling	2.5	0.0			Piped water into dwelling					Piped water into dwelling				
Piped into compound	Piped water to yard/plot	45.0	0.2			Piped water to yard/plot					Piped water to yard/plot				
Piped outside compound	Public tap, standpipe	42.6	12.3		Public tap	Public tap, standpipe	58.5	4.5			Public tap, standpipe				
	Other					Other					Other				
	<b>Ground water</b>	8.4	58.8			<b>Ground water</b>	11.7	29.2			<b>Ground water</b>	6.2	7.2		
	Protected ground water	3.5	12.1			Protected ground water	6.2	7.2			Protected ground water	5.5	22.0		
	Unprotected ground water	4.9	44.7			Unprotected ground water	5.5	22.0			Unprotected ground water	6.2	7.2	0.0	
	Protected wells or springs	3.5	12.1	0.0		Protected wells or springs	6.2	7.2	0.0		Protected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	Unprotected wells or springs	4.9	44.7	0.0		Unprotected wells or springs	5.5	22.0	0.0		Unprotected wells or springs				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>All wells</b>	2.0	10.6			<b>All wells</b>	11.7	29.2			<b>All wells</b>				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Tube well or borehole	Tubewell, borehole	0.0	0.1			Tubewell, borehole					Tubewell, borehole				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>Traditional wells</b>	2.0	10.5			<b>Traditional wells</b>	11.7	29.2			<b>Traditional wells</b>				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected dug well	Protected well	1.2	4.5		Protected well	Protected well	6.2	7.2			Protected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected dug well	Unprotected well	0.8	6.0		Unprotected well	Unprotected well	5.5	22.0			Unprotected well				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>All springs</b>	6.4	46.2			<b>All springs</b>					<b>All springs</b>				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Protected spring	Protected spring	2.3	7.5			Protected spring					Protected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
Unprotected spring	Unprotected spring	4.1	38.7			Unprotected spring					Unprotected spring				
	Private					Private					Private				
	Public					Public					Public				
	Other					Other					Other				
	<b>Rainwater</b>	0.0	0.2			<b>Rainwater</b>					<b>Rainwater</b>				
Rainwater	Covered cistern/tank	0.0	0.2			Covered cistern/tank					Covered cistern/tank				
	Uncovered cistern/tank					Uncovered cistern/tank					Uncovered cistern/tank				
	<b>Bottled water</b>					<b>Bottled water</b>					<b>Bottled water</b>				
	with other improved					with other improved					with other improved				
	without other improved					without other improved					without other improved				
Surface water	<b>Surface water</b>	0.8	30.1		River, lake	<b>Surface water</b>	6.9	57.5			<b>Surface water</b>				
	River					River					River				
	Lake					Lake					Lake				
	Dam					Dam					Dam				
	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>	0.7	0.4			<b>Other non-improved</b>	4.3	8.7			<b>Other non-improved</b>				
	Cart with small tank/drum					Cart with small tank/drum					Cart with small tank/drum				
Tanker truck	Tanker truck provided	0.5	0.2			Tanker truck provided					Tanker truck provided				
other	Other	0.2	0.2		Others	Other	4.3	8.7			Other				
	Other					Other					Other				
	<b>DK/missing</b>				Missing	<b>DK/missing</b>	0.1	0.1			<b>DK/missing</b>				
	<b>Total</b>	100.0	100.0			<b>Total</b>	100.0	100.0			<b>Total</b>				
<b>Calculations</b>					<b>Calculations</b>					<b>Calculations</b>					
<b>Estimations</b>					<b>Estimations</b>					<b>Estimations</b>					
<b>Access to improved drinking water sources :</b>		94%	25%		<b>Access to improved drinking water sources :</b>		83%	12%		<b>Access to improved drinking water sources :</b>		83%	12%		
<b>Access to house connections :</b>		48%	0%		<b>Access to house connections :</b>		19%	0%		<b>Access to house connections :</b>		19%	0%		
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		
<b>Ratios</b>	HC / Tap water	53%	2%		<b>Ratios</b>	HC / Tap water	24%	0%		<b>Ratios</b>	HC / Tap water	24%	0%		
	Public tap / Tap water	47%	98%			Public tap / Tap water	76%	100%			Public tap / Tap water	76%	100%		
	Tubewell + protected well / All wells	60%	43%			Tubewell + protected well / All wells	53%	25%			Tubewell + protected well / All wells	53%	25%		
	Protected wells / Traditional wells	60%	43%			Protected wells / Traditional wells					Protected wells / Traditional wells				
	Tubewell / All wells	0%	1%			Tubewell / All wells					Tubewell / All wells				
	Protected springs / All springs	36%	16%			Protected springs / All springs					Protected springs / All springs				
	Protect. well & spring / well & spring	42%	21%			Protect. well & spring / well & spring	53%	25%			Protect. well & spring / well & spring	53%	25%		
Number of people covered by the survey:					Number of people covered by the survey:					Number of people covered by the survey:		6'636	8'398		
Number of households covered by the survey:					Number of households covered by the survey:					Number of households covered by the survey:					
Total population:					Total population:					Total population:					
<b>Comments</b>					<b>Comments</b>					<b>Comments</b>					

Ethiopia			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
Census	CEN94	1994	18.8		81.2		0.0		14.8	
Census	CEN96	1996		14.3		69.6		0.1		8.5
Data Compilation and Analysis Project	DCAP96	1996		10.6		23.7				3.3
Welfare Monitoring Survey	WMS98	1998	18.8		83.5		0.0		13.7	
Poverty situation in Ethiopia	POV99	1999		14.3		72.9		0.1		9.7
Global Water Supply and Sanitation Assessment 2000.	JMP99	1999		73.0		81.2		4.0		14.8
Demographic and Household Survey	DHS00	2000	28.8		86.1		0.0		13.5	
Welfare Monitoring Survey	WMS00	2000	21.7		91.7		0.2		17.1	
World Health Survey	WHS03	2003		61.6	96.4			3.0		39.7
Welfare Monitoring Survey	WMS04	2004	23.3		92.4		0.6		25.2	
Demographic and Household Survey	DHS05	2005	47.5		93.6		0.2		24.8	
WELFARE MONITORING SURVEY MUDULE, 1997 (YEAR 1)	WMS97	1997	18.5		83.2		0.0		11.7	

# Ethiopia - urban - Use of improved drinking water sources



# Ethiopia - rural - Use of improved drinking water sources

