

# A snapshot of Drinking Water, Sanitation and Hygiene in the Western Asia and Northern Africa Region

**2017 Update and  
SDG Baselines**

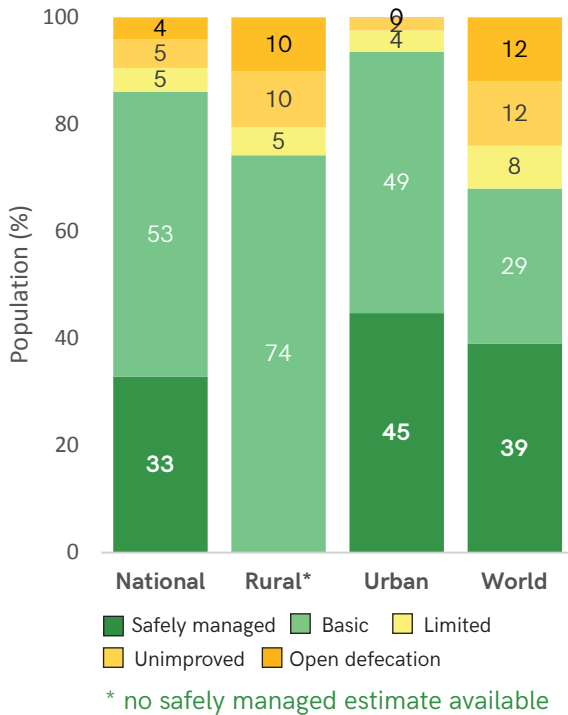
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Prepared by:  
WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene  
September 2017

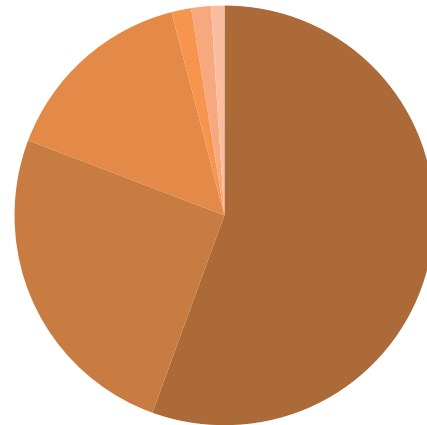


# Sanitation coverage

Proportion of population using safely managed, basic, limited, unimproved sanitation services or practising open defecation, 2015

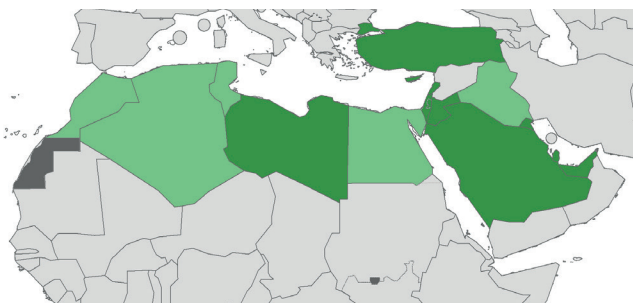


67 million people in the Western Asia and Northern Africa Region lacked a basic sanitation service in 2015, 20 million of whom practise open defecation



Countries in the region with the highest number of people practising open defecation in 2015

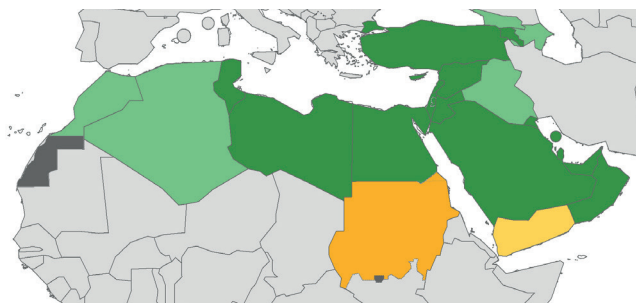
Safely managed sanitation estimate is available for 16 countries in the region



Safely managed - national

■ <25% 
 ■ 25-50% 
 ■ 50-75% 
 ■ 75-95% 
 ■ >95% 
 ■ Insufficient data 
 ■ Not applicable

Urban coverage of basic sanitation services exceeds 50% in 18 countries, rural coverage exceeds 50% in 16 countries



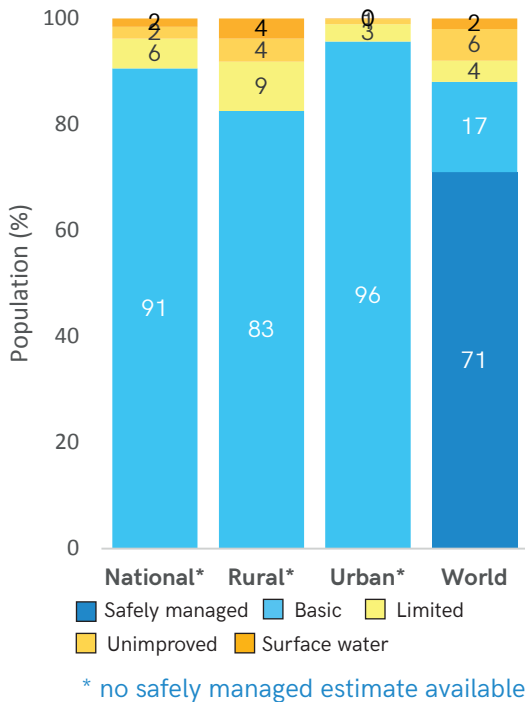
Basic - national

■ <50% 
 ■ 50-75% 
 ■ 75-90% 
 ■ >90% 
 ■ Insufficient data 
 ■ Not applicable

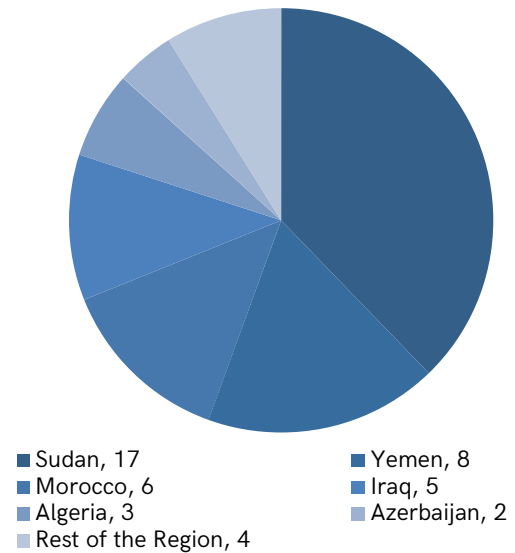


# Drinking water coverage

Proportion of population using safely managed, basic, limited, unimproved water services or surface water, 2015



45 million people in the Western Asia and Northern Africa Region lacked a basic drinking water service in 2015, 71% of whom live in rural areas



Countries in the region with the highest number of people who did not use a basic water service in 2015

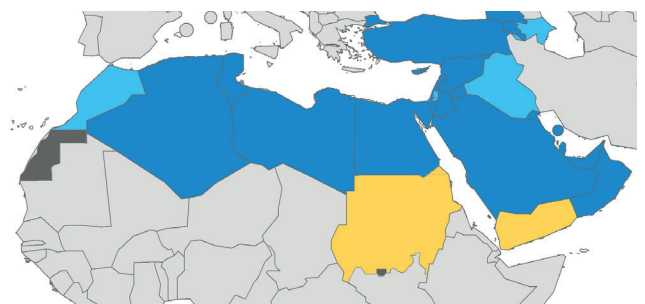
💧 Safely managed drinking water estimate is available for 12 countries in the region



Safely managed - national

■ <25% 
 ■ 25-50% 
 ■ 50-75% 
 ■ 75-95% 
 ■ >95% 
 ■ Insufficient data 
 ■ Not applicable

💧 Urban coverage of basic drinking water services exceeds 50% in 18 countries, rural coverage exceeds 50% in 18 countries



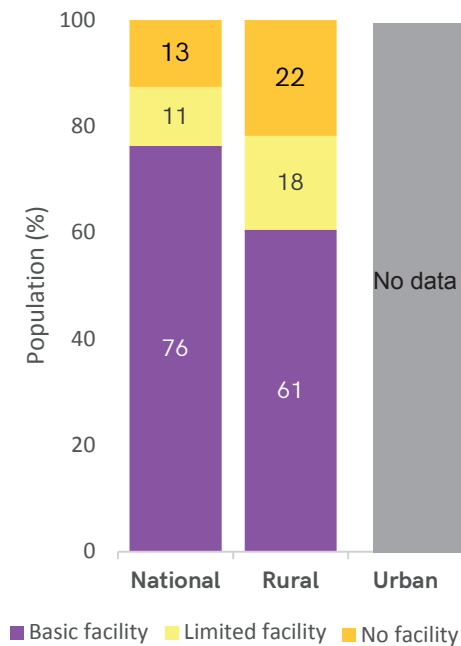
Basic - national

■ <50% 
 ■ 50-75% 
 ■ 75-90% 
 ■ >90% 
 ■ Insufficient data 
 ■ Not applicable



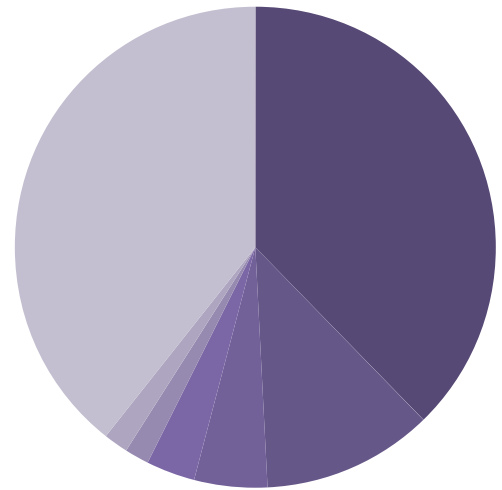
# Hygiene coverage

Proportion of population with basic, limited handwashing facilities or no facility in 2015



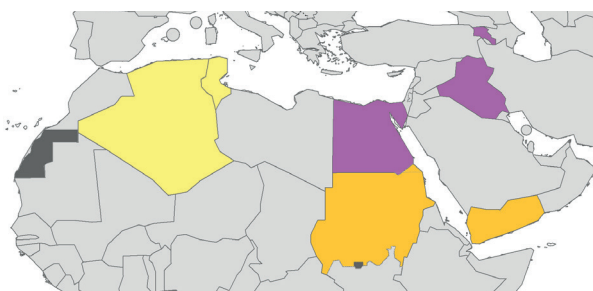
114 million people in the Western Asia and Northern Africa Region lacked a basic handwashing facility in 2015, 61 million of whom had no facility

- Sudan, 23
- Yemen, 7
- Algeria, 3
- Iraq, 2
- Egypt, 1
- Tunisia, 1
- Rest of the Region, 24

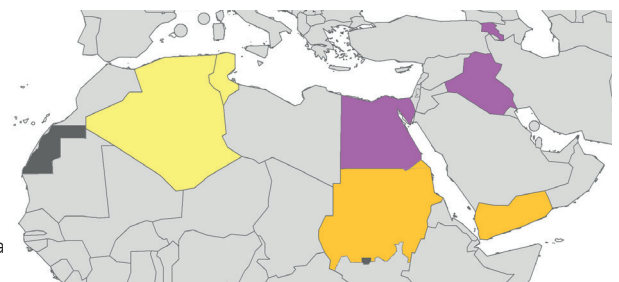


Countries in the region with the highest number of people without handwashing facilities in 2015

urban coverage of basic handwashing facilities exceeds 50% in 6 countries, rural coverage exceeds 50% in 5 countries



Basic - urban

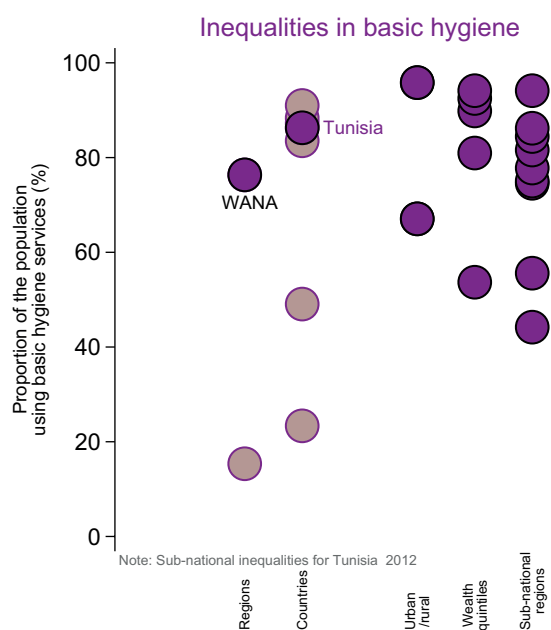
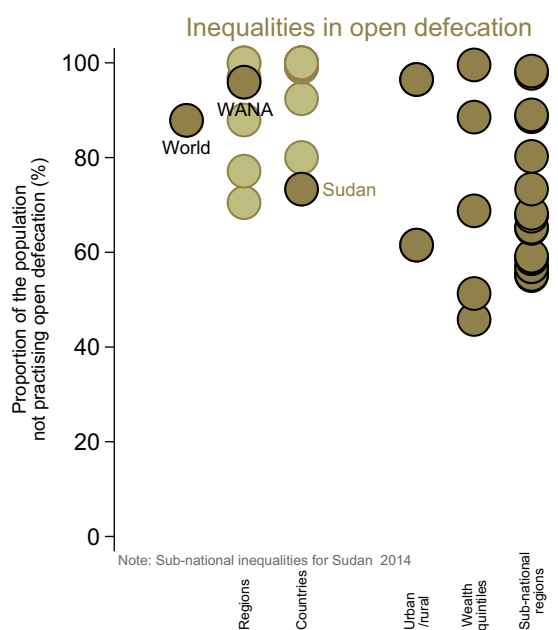
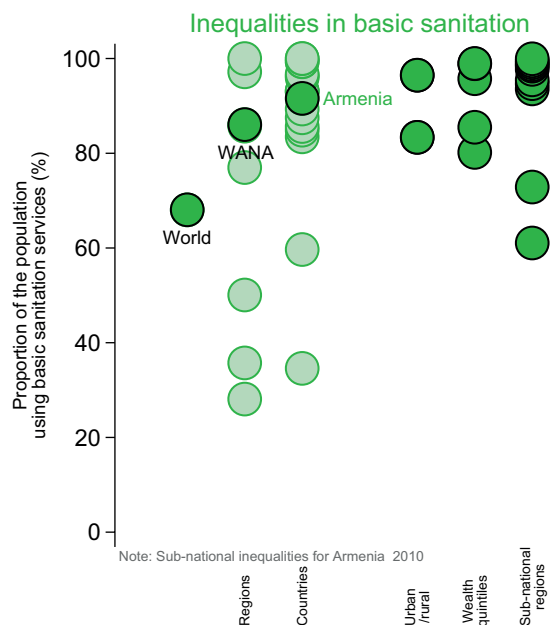
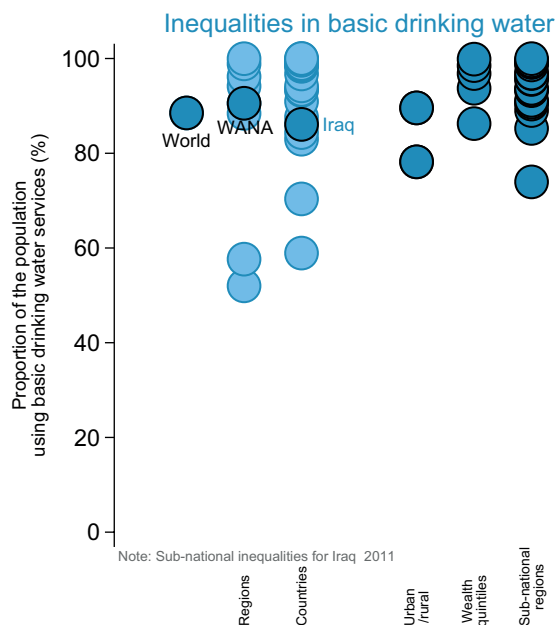


Basic - rural

COUNTRY, AREA OR TERRITORY	Year	Population (thousands)	% urban	NATIONAL			RURAL			URBAN		
				Basic	Limited (without water or soap)	No facility	Basic	Limited (without water or soap)	No facility	Basic	Limited (without water or soap)	No facility
Algeria	2015	39 667	71	84	8	9	73	13	14	88	6	6
Armenia	2015	3 018	63	87	2	11	77	0	23	93	3	4
Egypt	2015	91 508	43	88	11	1	85	14	0	92	6	2
Iraq	2015	36 423	69	91	4	5	81	7	12	95	2	2
Sudan	2015	40 235	34	23	19	57	19	21	60	32	16	52
Tunisia	2015	11 254	67	86	8	6	67	18	15	96	3	2
Yemen	2015	26 832	35	49	26	25	38	29	33	71	20	9
Western Asia and Northern Africa	2015	481 123	61	76	11	13	61	18	22	-	-	-

"-" = no estimate; NA = data not applicable; for unrounded estimates see [www.washdata.org](http://www.washdata.org)

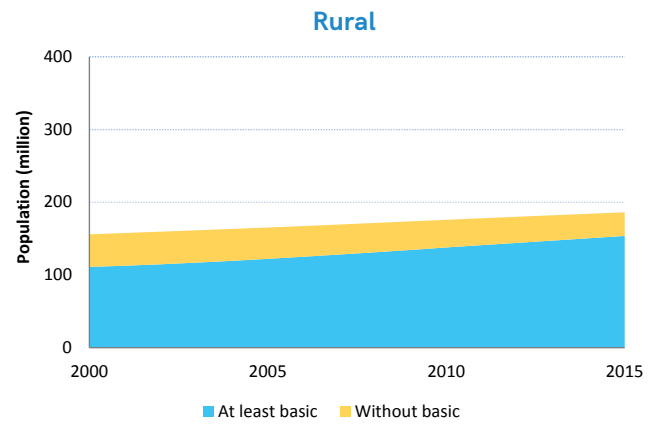
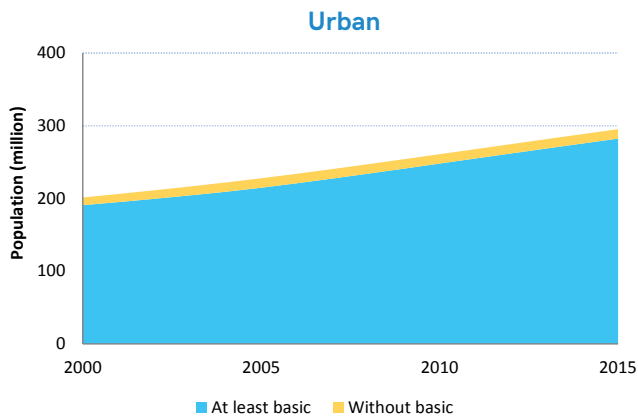
# Inequalities



Note: WANA - Western Asia and Northern Africa Region

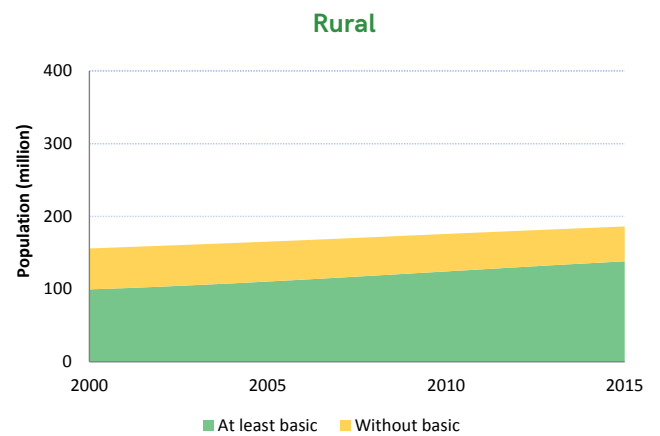
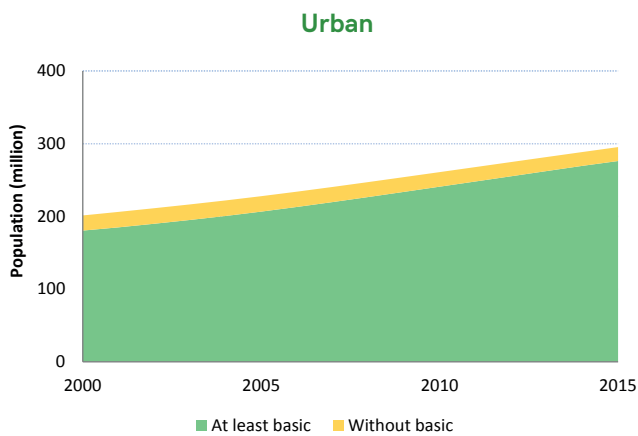
# Trends

## Drinking water



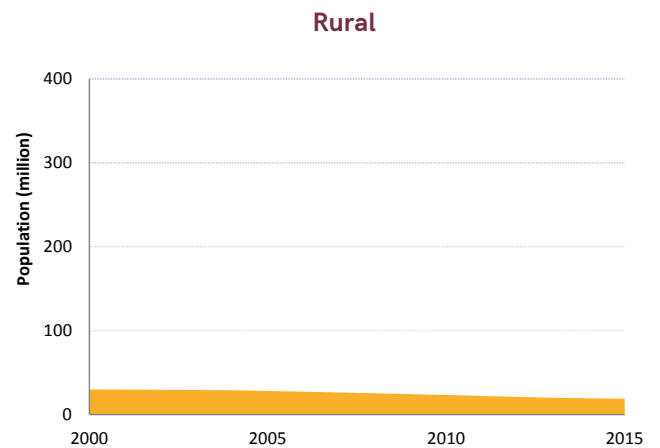
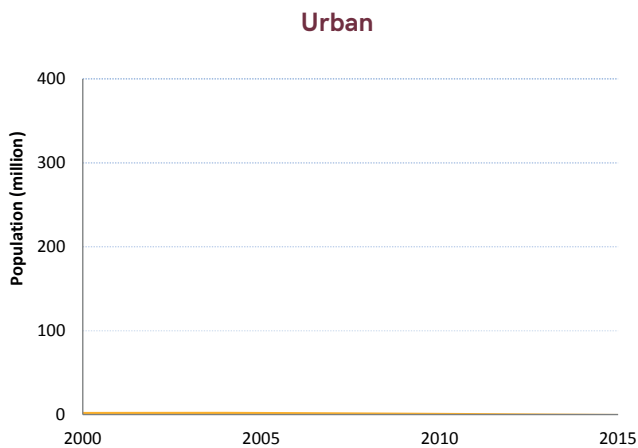
In 2015, 95.6% of the urban population and 82.5% of the rural population used a basic drinking water service.

## Sanitation



In 2015, 93.5% of the urban population and 74.2% of the rural population used a basic sanitation service.

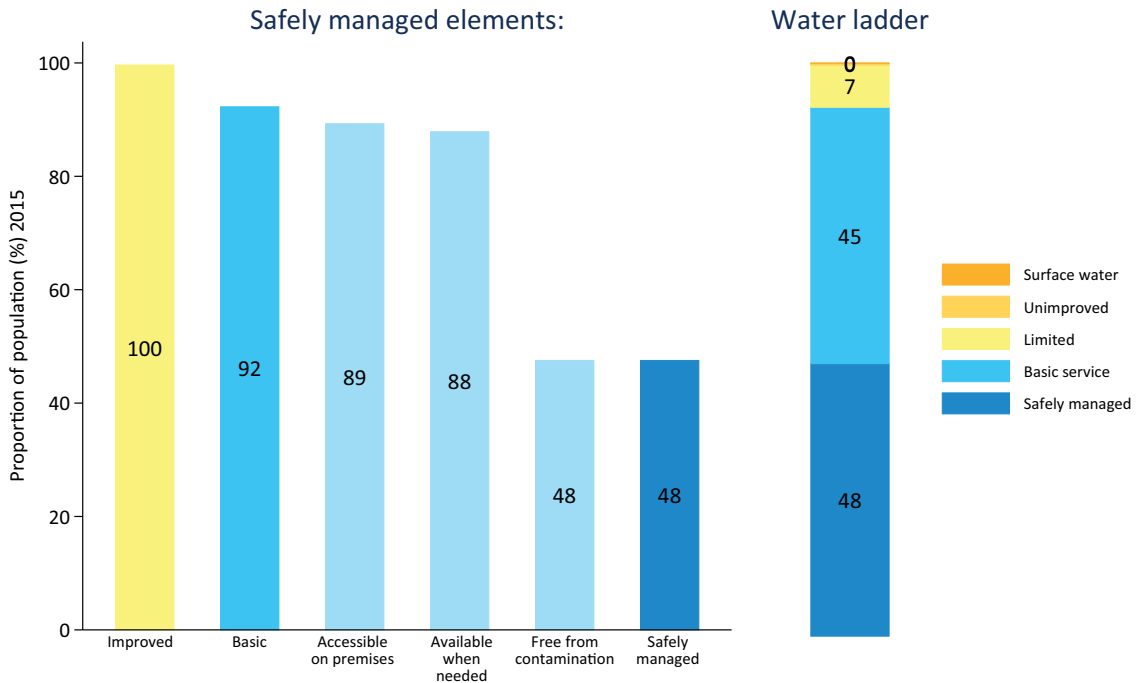
## Open defecation



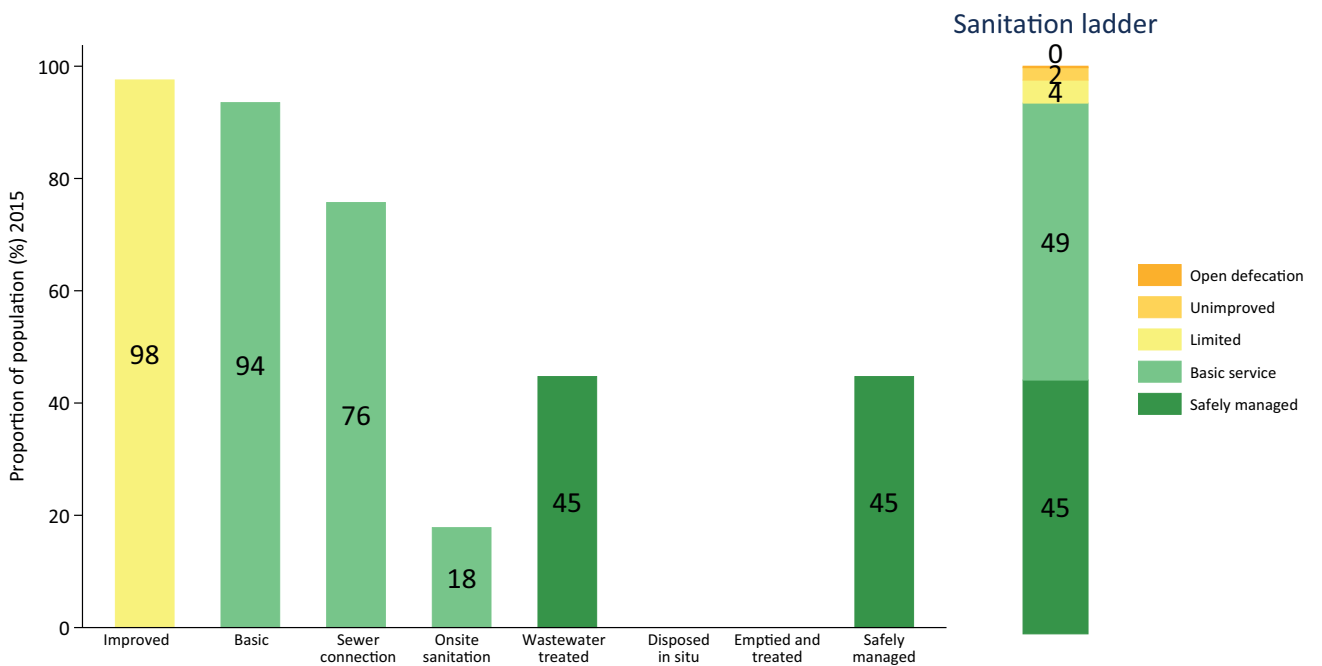
In 2015, 0.3% of the urban population and 10.2% of the rural population practised open defecation.

# Safely managed services

Safely managed drinking water (2015)  
Lebanon



Safely managed sanitation (2015)



# Sanitation estimates

COUNTRY, AREA OR TERRITORY	ISO3	Year	Population (thousands)	% urban	NATIONAL						RURAL						URBAN					
					At least basic	Limited (shared)	Unimproved	Open defecation	Annual rate of change in basic	Annual rate of change in open defecation	At least basic	Limited (shared)	Unimproved	Open defecation	Annual rate of change in basic	Annual rate of change in open defecation	At least basic	Limited (shared)	Unimproved	Open defecation	Annual rate of change in basic	Annual rate of change in open defecation
Algeria	DZA	2000	31 184	60	84	8	1	6			72	10	3	15			91	7	0	1		
		2015	39 667	71	87	8	3	1	0.25	-0.37	82	11	4	2	0.66	-0.84	90	7	3	0	-0.11	-0.04
Armenia	ARM	2000	3 076	65	90	2	8	0			82	0	18	0			95	3	2	0		
		2015	3 018	63	92	2	7	0	0.08	-0.01	83	0	17	0	0.12	0.00	96	3	1	0	0.09	-0.01
Azerbaijan	AZE	2000	8 118	51	66	4	30	0			54	2	45	0			77	7	16	0		
		2015	9 754	55	89	6	5	0	1.58	0.00	87	2	11	0	2.21	0.01	92	8	0	0	0.97	-0.01
Bahrain	BHR	2000	667	88	100	0	0	0			-	-	-	-			-	-	-	-		
		2015	1 377	89	100	0	0	0	0.01	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Cyprus	CYP	2000	943	69	100	0	0	0			100	0	0	0			100	0	0	0		
		2015	1 165	67	99	0	1	0	-0.04	0.00	99	0	1	0	-0.09	0.00	100	0	0	0	-0.02	0.00
Egypt	EGY	2000	68 335	43	92	4	2	2			89	5	2	3			97	2	1	0		
		2015	91 508	43	93	4	3	0	0.05	-0.12	90	5	5	0	0.05	-0.20	97	2	0	0	0.04	-0.00
Georgia	GEO	2000	4 744	53	97	2	0	1			97	1	0	3			96	3	1	0		
		2015	4 000	54	85	2	13	0	-0.78	-0.09	73	1	26	0	-1.58	-0.19	95	3	2	0	-0.08	0.00
Iraq	IRQ	2000	23 575	68	75	9	10	5			55	6	23	16			85	11	4	0		
		2015	36 423	69	86	10	4	0	0.69	-0.35	86	9	5	0	2.08	-1.09	86	11	3	0	0.06	-0.01
Israel	ISR	2000	6 014	91	100	0	0	0			100	0	0	0			100	0	0	0		
		2015	8 064	92	100	0	0	0	0.00	0.00	100	0	0	0	0.00	0.00	100	0	0	0	0.00	0.00
Jordan	JOR	2000	4 767	80	99	1	0	0			98	1	0	1			99	1	0	0		
		2015	7 595	84	97	1	2	0	-0.12	-0.01	96	1	3	0	-0.14	-0.07	97	1	2	0	-0.12	0.00
Kuwait	KWT	2000	1 929	98	100	0	0	0			-	-	-	-			-	-	-	-		
		2015	3 892	98	100	0	0	0	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Lebanon	LBN	2000	3 235	86	75	1	24	0			-	-	-	-			-	-	-	-		
		2015	5 851	88	95	1	3	0	1.35	-0.01	-	-	-	-	-	-	-	-	-	-	-	-
Libya	LBY	2000	5 337	76	100	0	0	0			-	-	-	-			-	-	-	-		
		2015	6 278	79	100	0	0	0	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Morocco	MAR	2000	28 951	53	69	6	1	24			47	3	0	50			87	9	1	2		
		2015	34 378	60	83	8	1	8	0.99	-1.11	75	5	2	19	1.82	-2.06	89	10	1	0	0.13	-0.12
Oman	OMN	2000	2 239	72	88	1	0	11			76	1	0	23			93	1	0	6		
		2015	4 491	78	99	1	0	0	0.75	-0.75	99	1	0	0	1.54	-1.55	99	1	0	0	0.43	-0.43
Qatar	QAT	2000	593	96	-	-	-	-			-	-	-	-			-	-	-	-		
		2015	2 235	99	100	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	SAU	2000	21 392	80	98	0	2	0			-	-	-	-			-	-	-	-		
		2015	31 540	83	100	0	0	0	0.12	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Sudan	SDN	2000	28 080	32	21	5	23	51			11	3	22	64			41	9	26	24		
		2015	40 235	34	35	9	30	27	0.91	-1.62	23	6	32	38	0.78	-1.70	58	13	26	4	1.08	-1.36
Syrian Arab Republic	SYR	2000	16 354	52	93	4	1	2			90	5	1	4			96	4	1	0		
		2015	18 502	58	93	4	2	1	-0.01	-0.07	89	5	4	1	-0.06	-0.16	96	4	0	0	-0.01	0.02
Tunisia	TUN	2000	9 699	63	80	4	5	11			56	7	8	28			94	2	3	1		
		2015	11 254	67	93	5	1	1	0.85	-0.66	83	10	4	3	1.78	-1.72	98	2	0	0	0.25	-0.04
Turkey	TUR	2000	63 240	65	83	1	16	1			70	2	27	1			90	1	9	0		
		2015	78 666	73	96	1	2	0	0.92	-0.01	89	3	7	1	1.28	0.01	99	1	0	0	0.63	-0.02
United Arab Emirates	ARE	2000	3 050	80	100	0	0	0			100	0	0	0			100	0	0	0		
		2015	9 157	86	100	0	0	0	0.00	0.00	100	0	0	0	0.00	0.00	100	0	0	0	0.00	0.00
West Bank and Gaza Strip	PSE	2000	3 224	72	94	4	2	1			97	0	3	1			93	5	1	0		
		2015	4 668	75	96	4	0	0	0.11	-0.02	99	0	0	1	0.15	0.02	95	5	0	0	0.10	-0.03
Western Sahara	ESH	2000	306	84	-	-	-	-			-	-	-	-			-	-	-	-		
		2015	573	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	YEM	2000	17 795	26	41	3	26	30			26	3	32	39			84	3	9	5		
		2015	26 832	35	60	4	16	20	1.23	-0.65	44	5	22	30	1.17	-0.59	90	3	6	1	0.41	-0.23
Western Asia and Northern Africa		2000	356 848	56	78	4	8	9			64	4	13	19			90	4	5	2		
Western Asia and Northern Africa		2015	481 123	61	86	5	5	4	0.51	-0.35	74	5	10	10	0.69	-0.61	94	4	2	0	0.26	-0.09

"-" = no estimate; NA = data not applicable; for unrounded estimates see [www.washdata.org](http://www.washdata.org)



# Sanitation estimates

COUNTRY, AREA OR TERRITORY	Year	NATIONAL Proportion of population using improved sanitation facilities (excluding shared)						RURAL Proportion of population using improved sanitation facilities (excluding shared)						URBAN Proportion of population using improved sanitation facilities (excluding shared)									
		Safely managed	Disposed in situ	Emptied and treated	Wastewater treated	Latrines and other	Septic tanks	Sewer connections	Safely managed	Disposed in situ	Emptied and treated	Wastewater treated	Latrines and other	Septic tanks	Sewer connections	Safely managed	Disposed in situ	Emptied and treated	Wastewater treated	Latrines and other	Septic tanks	Sewer connections	
Algeria	2000	21	10	0	11	4	16	64	24	17	0	7	7	26	39	19	5	0	14	3	8	81	
	2015	19	6	0	13	4	8	76	24	15	0	9	10	20	52	17	2	0	15	1	2	86	
Armenia	2000	-	-	-	-	28	0	62	-	-	-	-	62	0	19	-	-	-	-	10	0	85	
	2015	-	-	-	-	25	1	66	-	-	-	-	64	2	18	-	-	-	-	2	0	94	
Azerbaijan	2000	-	-	-	36	28	1	37	-	-	-	0	52	1	0	71	4	0	68	6	1	70	
	2015	-	-	-	35	52	1	37	-	-	-	6	80	1	6	73	16	0	58	30	1	61	
Bahrain	2000	93	7	0	87	13	0	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	93	7	0	87	13	0	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyprus	2000	76	24	0	53	47	-	53	-	-	-	9	91	-	9	87	14	0	73	27	-	73	
	2015	76	24	0	52	48	-	52	-	-	-	9	90	-	9	86	13	0	73	27	-	73	
Egypt	2000	53	33	0	20	61	5	27	-	-	-	3	79	7	4	62	19	0	43	36	2	59	
	2015	61	17	0	43	12	22	58	-	-	-	26	20	36	34	70	3	0	67	3	3	91	
Georgia	2000	-	-	-	0	45	2	50	-	-	-	0	83	3	11	6	6	0	0	12	1	84	
	2015	-	-	-	4	41	2	42	-	-	-	0	68	3	2	17	9	0	8	18	1	77	
Iraq	2000	21	7	0	14	10	44	20	11	11	0	1	15	39	1	25	6	0	20	8	47	29	
	2015	32	15	0	17	27	33	25	26	24	0	2	40	42	3	35	12	0	23	21	29	35	
Israel	2000	79	0	0	78	0	1	99	78	3	0	75	0	5	95	79	0	0	79	0	1	100	
	2015	93	0	0	93	0	1	99	91	3	0	89	0	5	95	93	0	0	93	0	1	100	
Jordan	2000	77	22	0	55	1	43	55	-	-	-	3	2	92	3	83	15	0	68	0	31	68	
	2015	77	19	0	58	0	39	58	-	-	-	6	0	90	6	82	14	0	68	0	29	68	
Kuwait	2000	100	0	0	100	0	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	100	0	0	100	0	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lebanon	2000	16	8	0	9	14	1	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	20	9	0	11	17	1	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Libya	2000	29	19	0	10	30	8	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	26	16	0	11	23	8	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Morocco	2000	31	13	0	18	18	9	42	-	-	-	0	31	14	2	38	6	0	32	6	5	76	
	2015	38	17	0	21	10	24	49	-	-	-	0	22	49	3	39	5	0	34	2	8	79	
Oman	2000	-	-	-	9	0	79	9	-	-	-	1	0	75	1	-	-	-	13	0	80	13	
	2015	-	-	-	10	5	85	10	-	-	-	1	10	88	1	-	-	-	13	3	84	13	
Qatar	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	88	12	0	77	23	-	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Saudi Arabia	2000	64	34	0	29	68	1	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	84	16	0	69	30	1	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sudan	2000	-	-	-	-	20	1	0	-	-	-	-	11	0	0	-	-	-	-	38	3	1	
	2015	-	-	-	-	29	5	1	-	-	-	-	22	1	0	-	-	-	-	43	12	2	
Syrian Arab Republic	2000	-	-	-	-	19	6	68	-	-	-	-	37	10	43	-	-	-	-	2	1	92	
	2015	-	-	-	-	17	5	71	-	-	-	-	36	10	43	-	-	-	-	2	1	92	
Tunisia	2000	58	18	0	40	6	29	45	-	-	-	4	16	36	5	74	12	0	62	1	23	71	
	2015	73	18	0	56	24	12	58	-	-	-	7	56	20	7	89	6	0	82	6	7	85	
Turkey	2000	23	7	0	16	14	-	69	-	-	-	7	38	-	32	43	0	0	43	0	-	90	
	2015	44	7	0	37	15	-	81	-	-	-	19	47	-	42	48	2	0	46	3	-	96	
United Arab Emirates	2000	93	7	0	86	2	11	87	81	18	0	63	6	31	63	95	4	0	92	1	6	93	
	2015	93	6	0	88	2	10	88	81	18	0	63	6	31	63	95	4	0	92	1	6	93	
West Bank and Gaza Strip	2000	58	25	0	32	0	51	44	-	-	-	7	0	87	10	61	19	0	42	0	37	56	
	2015	60	23	0	38	16	29	51	-	-	-	8	32	57	10	63	16	0	47	11	21	63	
Western Sahara	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yemen	2000	-	-	-	3	26	7	8	-	-	-	0	24	3	0	53	26	0	27	34	18	32	
	2015	-	-	-	8	9	25	27	-	-	-	0	10	27	6	67	12	0	56	5	18	67	
Western Asia and Northern Africa	2000	21	-	-	21	27	9	42	-	-	-	5	40	10	14	35	-	-	35	17	9	64	
Western Asia and Northern Africa	2015	33	-	-	33	17	14	56	-	-	-	14	27	23	24	45	-	-	45	10	8	76	

# Drinking water estimates

COUNTRY, AREA OR TERRITORY	ISO3	Year	Population (thousands)	% urban	NATIONAL					RURAL					URBAN				
					At least basic	Limited (more than 30 mins)	Unimproved	Surface water	Annual rate of change in basic	At least basic	Limited (more than 30 mins)	Unimproved	Surface water	Annual rate of change in basic	At least basic	Limited (more than 30 mins)	Unimproved	Surface water	Annual rate of change in basic
Algeria	DZA	2000	31 184	60	90	6	4	0		83	8	7	1		94	4	2	0	
		2015	39 667	71	93	5	1	0	0.24	89	9	2	0	0.36	95	4	1	0	0.08
Armenia	ARM	2000	3 076	65	96	1	3	0		90	3	7	0		99	0	0	0	
		2015	3 018	63	99	1	0	0	0.20	99	1	0	0	0.57	99	0	0	0	0.00
Azerbaijan	AZE	2000	8 118	51	76	6	7	10		59	9	13	19		93	4	2	1	
		2015	9 754	55	84	7	6	2	0.53	72	11	12	5	0.87	95	4	1	0	0.11
Bahrain	BHR	2000	667	88	100	-	0	0		-	-	-	-		-	-	-	-	
		2015	1 377	89	100	-	0	0	0.01	-	-	-	-	-	-	-	-	-	-
Cyprus	CYP	2000	943	69	100	-	0	0		100	-	0	0		100	-	0	0	
		2015	1 165	67	100	-	0	0	0.00	100	-	0	0	0.00	100	-	0	0	0.00
Egypt	EGY	2000	68 335	43	98	0	1	0		97	1	2	0		99	0	0	0	
		2015	91 508	43	98	0	1	0	0.01	98	1	2	0	0.02	99	0	1	0	-0.00
Georgia	GEO	2000	4 744	53	89	4	7	0		79	8	13	0		97	1	1	0	
		2015	4 000	54	93	5	2	0	0.31	87	9	4	0	0.58	98	1	1	0	0.06
Iraq	IRQ	2000	23 575	68	81	2	5	12		52	6	11	31		95	0	3	3	
		2015	36 423	69	86	9	2	3	0.32	78	8	5	9	1.74	90	9	1	0	-0.35
Israel	ISR	2000	6 014	91	100	-	0	0		100	-	0	0		100	-	0	0	
		2015	8 064	92	100	-	0	0	0.00	100	-	0	0	0.00	100	-	0	0	0.00
Jordan	JOR	2000	4 767	80	100	-	0	0		99	-	1	0		100	-	0	0	
		2015	7 595	84	99	-	1	0	-0.07	97	-	3	0	-0.13	99	-	1	0	-0.06
Kuwait	KWT	2000	1 929	98	100	0	0	0		-	-	-	-		-	-	-	-	
		2015	3 892	98	100	0	0	0	0.00	-	-	-	-	-	-	-	-	-	-
Lebanon	LBN	2000	3 235	86	85	7	8	0		-	-	-	-		-	-	-	-	
		2015	5 851	88	92	7	0	0	0.46	-	-	-	-	-	-	-	-	-	-
Libya	LBY	2000	5 337	76	-	-	-	-		-	-	-	-		-	-	-	-	
		2015	6 278	79	97	-	3	0	-	-	-	-	-	-	-	-	-	-	-
Morocco	MAR	2000	28 951	53	64	4	29	2		31	6	57	5		93	2	5	0	
		2015	34 378	60	83	7	7	3	1.26	64	13	16	8	2.16	96	2	2	0	0.19
Oman	OMN	2000	2 239	72	-	-	-	-		-	-	-	-		-	-	-	-	
		2015	4 491	78	91	9	0	0	-	78	22	0	0	-	95	5	0	0	-
Qatar	QAT	2000	593	96	100	-	0	0		-	-	-	-		-	-	-	-	
		2015	2 235	99	100	-	0	0	0.00	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	SAU	2000	21 392	80	97	-	3	0		-	-	-	-		-	-	-	-	
		2015	31 540	83	100	-	0	0	0.21	-	-	-	-	-	-	-	-	-	-
Sudan	SDN	2000	28 080	32	43	19	29	8		35	18	35	11		60	21	16	3	
		2015	40 235	34	59	26	6	9	1.03	52	27	8	13	1.09	73	25	1	1	0.85
Syrian Arab Republic	SYR	2000	16 354	52	95	2	3	0		90	4	6	1		100	1	0	0	
		2015	18 502	58	97	2	1	0	0.13	94	4	2	0	0.28	99	0	1	0	-0.05
Tunisia	TUN	2000	9 699	63	88	4	7	1		70	11	17	2		98	0	2	0	
		2015	11 254	67	94	4	1	0	0.44	83	12	4	0	0.86	100	0	0	0	0.14
Turkey	TUR	2000	63 240	65	95	-	4	0		89	-	10	0		99	-	1	0	
		2015	78 666	73	99	-	1	0	0.23	100	-	0	0	0.69	99	-	1	0	-0.02
United Arab Emirates	ARE	2000	3 050	80	100	-	0	0		100	-	0	0		100	-	0	0	
		2015	9 157	86	100	-	0	0	-0.00	100	-	0	0	0.00	100	-	0	0	0.00
West Bank and Gaza Strip	PSE	2000	3 224	72	88	0	10	1		84	1	12	3		90	0	9	1	
		2015	4 668	75	88	0	12	0	-0.04	94	1	5	0	0.64	86	0	14	0	-0.28
Western Sahara	ESH	2000	306	84	-	-	-	-		-	-	-	-		-	-	-	-	
		2015	573	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	YEM	2000	17 795	26	43	12	40	5		30	12	53	6		79	14	6	1	
		2015	26 832	35	70	21	4	5	1.84	63	25	6	7	2.20	85	15	0	0	0.38
Western Asia and Northern Africa		2000	356 848	56	85	4	10	2		71	6	18	5		95	2	3	0	
Western Asia and Northern Africa		2015	481 123	61	91	6	2	2	0.40	83	9	4	4	0.75	96	3	1	0	0.06

"-" = no estimate; NA = data not applicable; for unrounded estimates see [www.washdata.org](http://www.washdata.org)

# Drinking water estimates

COUNTRY, AREA OR TERRITORY	Year	NATIONAL Proportion of population using improved water supplies					RURAL Proportion of population using improved water supplies					URBAN Proportion of population using improved water supplies							
		Safely managed	Accessible on premises	Available when needed	Free from contamination	Piped	Non-piped	Safely managed	Accessible on premises	Available when needed	Free from contamination	Piped	Non-piped	Safely managed	Accessible on premises	Available when needed	Free from contamination	Piped	Non-piped
Algeria	2000	-	69	-	-	81	15	-	50	-	-	67	25	-	82	82	-	90	8
	2015	-	81	-	-	77	22	-	74	-	-	64	34	-	84	83	-	82	17
Armenia	2000	27	89	32	82	88	9	-	74	56	-	71	21	-	98	19	-	97	2
	2015	61	98	61	84	98	2	-	99	44	-	96	4	-	98	71	-	99	1
Azerbaijan	2000	51	60	83	51	52	31	-	38	-	-	22	46	-	81	-	-	79	17
	2015	72	72	91	79	77	15	-	47	-	-	58	25	-	92	-	-	93	6
Bahrain	2000	99	99	-	99	97	2	-	-	-	-	-	-	-	-	-	-	-	-
	2015	99	99	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyprus	2000	96	100	-	96	100	0	-	100	-	-	100	0	-	100	-	-	100	0
	2015	100	100	-	100	100	0	-	100	-	-	100	0	-	100	-	-	100	0
Egypt	2000	-	90	63	-	88	11	-	84	62	-	79	19	-	98	63	-	99	1
	2015	-	97	71	-	98	1	-	95	66	-	97	1	-	98	77	-	98	2
Georgia	2000	74	79	-	74	66	27	-	61	-	-	42	45	-	94	-	-	88	11
	2015	73	75	-	83	86	12	-	52	-	-	74	22	-	96	-	-	97	3
Iraq	2000	-	75	38	-	76	7	-	32	26	-	41	17	-	95	44	-	92	2
	2015	-	71	69	-	82	13	-	66	46	-	65	22	-	72	80	-	90	9
Israel	2000	99	100	-	99	100	0	99	100	-	99	100	0	99	100	-	99	100	0
	2015	99	100	-	99	100	0	99	100	-	99	100	0	99	100	-	99	100	0
Jordan	2000	94	95	94	99	97	3	-	90	91	-	86	13	-	97	95	-	100	0
	2015	93	95	93	98	86	12	-	88	90	-	80	17	-	96	94	-	87	12
Kuwait	2000	100	100	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015	100	100	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lebanon	2000	44	83	65	44	84	8	-	-	-	-	-	-	-	-	-	-	-	-
	2015	48	89	88	48	85	14	-	-	-	-	-	-	-	-	-	-	-	-
Libya	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015	-	85	-	-	41	56	-	-	-	-	-	-	-	-	-	-	-	-
Morocco	2000	55	55	67	61	59	9	19	19	34	31	19	19	86	86	95	87	95	0
	2015	69	69	86	79	76	13	39	39	69	63	50	27	89	89	98	90	94	4
Oman	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015	89	89	-	97	88	12	-	75	-	-	73	27	-	93	100	-	92	8
Qatar	2000	-	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015	-	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2000	-	79	-	-	60	36	-	-	-	-	-	-	-	-	-	-	-	-
	2015	-	99	-	-	98	2	-	-	-	-	-	-	-	-	-	-	-	-
Sudan	2000	-	28	60	-	29	34	-	17	54	-	18	36	-	52	73	-	51	30
	2015	-	38	82	-	44	41	-	24	78	-	32	46	-	63	88	-	67	31
Syrian Arab Republic	2000	-	79	-	-	80	17	-	64	-	-	63	31	-	93	-	-	96	4
	2015	-	81	-	-	86	13	-	67	-	-	80	18	-	92	-	-	90	9
Tunisia	2000	37	86	92	37	80	12	-	70	-	-	58	23	-	96	98	-	92	6
	2015	93	93	99	99	87	12	-	83	-	-	68	28	-	98	100	-	96	4
Turkey	2000	-	94	-	-	91	4	-	86	-	-	80	10	-	98	-	-	98	1
	2015	-	96	-	-	99	0	-	94	-	-	100	0	-	97	-	-	99	0
United Arab Emirates	2000	-	89	99	-	79	21	-	85	-	-	71	29	-	90	99	-	80	19
	2015	-	89	99	-	-	-	-	85	-	-	-	-	-	90	99	-	-	-
West Bank and Gaza Strip	2000	-	81	81	-	84	4	-	81	79	-	69	16	-	81	81	-	90	0
	2015	-	80	80	-	52	36	-	90	89	-	81	14	-	77	77	-	42	43
Western Sahara	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	2000	-	31	35	-	43	12	-	16	27	-	35	7	-	70	58	-	66	27
	2015	-	49	58	-	42	50	-	35	56	-	24	64	-	75	62	-	76	24
Western Asia and Northern Africa	2000	-	75	65	-	75	14	-	56	54	-	56	21	-	89	73	-	89	8
Western Asia and Northern Africa	2015	-	82	78	-	83	13	-	69	68	-	70	21	-	90	84	-	91	8



## DRINKING WATER



In 2015,

- 71 per cent of the global population (5.2 billion people) used a **safely managed** drinking water service; that is, one located on premises, available when needed and free from contamination.
- Eight out of ten people (5.8 billion) used improved sources with **water available when needed**.
- Three out of four people (5.4 billion) used improved sources **located on premises**.
- Three out of four people (5.4 billion) used improved sources **free from contamination**.
- 844 million people still lacked even a **basic** drinking water service.
- 263 million people spent over 30 minutes per round trip to collect water from an improved source (a **limited** drinking water service).
- 159 million people still collected drinking water directly from **surface water** sources, 58% lived in sub-Saharan Africa.

## SANITATION



In 2015,

- 39 per cent of the global population (2.9 billion people) used a **safely managed** sanitation service; that is, excreta safely disposed of in situ or treated off-site.
- 27 per cent of the global population (1.9 billion people) used private sanitation facilities connected to sewers from which **wastewater was treated**.
- 13 per cent of the global population (0.9 billion people) used toilets or latrines where excreta were **disposed of in situ**.
- Available data were insufficient to make a global estimate of the proportion of population using septic tanks and latrines from which excreta are **emptied and treated off-site**.
- 2.3 billion people still lacked even a **basic** sanitation service.
- 600 million people used a **limited** sanitation service.
- 892 million people worldwide still practised **open defecation**.

## HYGIENE



In 2015,

- 70 countries had comparable data available on handwashing with soap and water, representing 30 per cent of the global population.
- Coverage of **basic handwashing** facilities with soap and water varied from 15 per cent in sub-Saharan Africa to 76 per cent in Western Asia and Northern Africa, but data are currently insufficient to produce a global estimate, or estimates for other SDG regions.
- In Least Developed Countries, 27 per cent of the population had basic handwashing facilities with soap and water, while 26 per cent had handwashing facilities lacking soap or water. The remaining 47 per cent had no facility.
- In sub-Saharan Africa, three out of five people with basic handwashing facilities (89 million people) lived in urban areas.
- Many high-income countries lacked sufficient data to estimate the population with basic handwashing facilities.

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