

Table 1. Percentage of people across drinking water ladder in critically insecure water countries

	SM 2020	Basic 2020	Limited 2020	Unimpr. 2020	Surface 2020	Water 2000	Water 2020	Absolu change	Relative Change
Afghan	28	48	1	14	9	28	76	47	167
Chad	5	40	15	32	8	40	46	7	17
Comoro						90	80	2	-12
Djibouti			15	7	2	75	76	1	1
Eritrea						47	52	5	11
Ethiopi	12	37	27	19	5	19	50	32	174
Haiti			10	23		56	67	1	19
Liberia			9	3	12	62	75	14	22
Libya				0		84	100	16	19
Madag.	20	33	3	32	12	36	53	17	47
Micron.						85	88	3	4
Niger			22	27	4	37	47	2	27
Pakista	36	54	4	4	2	87	90	3	3
P.Guine			2	22	30	33	45	12	37
S. Leon	10	53	9	16	12	40	64	23	57
Sol. Islands			6	21	6	79	67	11	-14
Somalia			28	13	2	24	56	33	139
S. Suda			37	14	9	41	40	0	-1
Sri Lank			1	5	2	80	92	12	15
Sudan			27	4	9	43	60	17	39
Vanua.			1	0	8	82	91	9	11
Yemen			29	8	3	41	61	20	48

Note: Afghan- Afghanistan, Ethiopi- Ethiopia, Madag- Madagascar, Micron- Micronesia, Pakista- Pakistan, P. Guine- Papua New Guinea, S. Leon- Sierra Leone, Sol. Islands- Solomon Islands, S. Suda- South Sudan, Sri Lank- Sri Lanka and Vanua- Vanuatu.

Table 2. Immunization, U5MR, access to water, food insecurity and governance indicators

Year 2020			Water			Food	Under		Govt.	Polit.	Regu.	Rule	Voice
	Imm.	U5MR	Total	Rural	Urban	Insec.	nouri.	Corru	Effec.	Stab.	Qual.	Law	Acc.
Afgha	70	58	75	66	100	70	30	-1.5	-1.6	-2.7	-1.4	-1.8	-1.1
Chad	52	111	46	38	74	..	33	-1.5	-1.2	-1.1	-1.3	-1.4	-1.4
Como	87	51	80	77	88	80	..	-1.2	-1.6	-0.3	-1.2	-1.3	-0.8
Djibou	70	56	76	47	84	49	14	-0.7	-0.7	-0.5	-0.8	-1.0	-1.4
Eritrea	95	39	..	..	..	..	..	-1.3	-1.6	-1.0	-2.1	-1.5	-2.1
Ethiop	71	49	50	40	84	56	25	-0.4	-0.6	-1.8	-1.0	-0.4	-1.0
Haiti	51	61	67	43	85	83	47	-1.3	-2.1	-1.0	-1.2	-1.0	-0.8
Liberi	65	78	75	64	86	81	38	-0.9	-1.4	-0.4	-1.0	-1.0	-0.1
Libya	73	11	100	..	..	39	..	-1.6	-1.8	-2.5	-2.2	-1.9	-1.4
Mada	66	66	53	36	80	61	49	-1.0	-1.0	-0.5	-0.8	-0.9	-0.3
Micro	83	26	88	..	..	..	..	0.9	0.2	1.1	-1.0	0.2	1.1

Niger	81	116	47	39	86	56	..	-0.6	-0.6	-1.7	-0.8	-0.6	-0.5
Pakist	77	66	90	89	93	33	17	-0.8	-0.5	-1.8	-0.7	-0.7	-0.9
P. Gui	39	44	45	39	86	..	22	-0.6	-0.8	-0.7	-0.7	-0.7	0.0
S. Le	91	109	64	53	78	87	27	-0.4	-1.0	-0.3	-0.9	-0.8	-0.1
S. Isla	94	19	67	59	91	..	18	0.1	-0.8	0.6	-0.8	0.0	0.6
Somal	42	115	56	37	79	77	53	-1.7	-2.1	-2.6	-1.9	-2.3	-1.8
S. Su	49	99	41	34	70	86	..	-1.9	-2.3	-2.2	-2.0	-1.9	-1.8
Sri La	96	7	92	91	100	10	3	-0.3	0.0	-0.1	-0.2	0.0	-0.1
St. Kit	99	15	..	..	..	27	..	0.4	0.7	0.9	0.5	0.5	0.8
Suda	90	57	60	53	74	51	13	-1.4	-1.5	-1.7	-1.6	-1.1	-1.4
Vanu	78	24	91	88	100	23	12	-0.1	-0.4	0.9	-0.4	0.3	0.6
Yeme	72	60	61	51	77	..	41	-1.7	-2.3	-2.7	-1.8	-1.8	-1.8

Note: Afghan- Afghanistan, Djibou- Djibouti, Ethiopi- Ethiopia, Madag- Madagascar, Micron- Micronesia, Pakista- Pakistan, P. Guine- Papua New Guinea, S. Leon- Sierra Leone, Sol. Islands- Solomon Islands, S. Suda- South Sudan, Sri Lank- Sri Lanka, St. Kit- st Kitts and Nevis, and Vanua- Vanuatu.

Table 3. Comparison of drinking water ladder across world regions and between time-period

Entity	2000 wat_s	2020	2000 wat_bas	2020	2000 wat_li	2020	2000 wat_u	2020	2000 wat_s	2020
Regions										
Cent. & S. Asia	46.1	62.4	36.2	28.9	3.4	4.1	11.9	3.7	2.5	0.9
E. and SE Asia					1.0	0.9	14.3	4.2	3.3	0.6
L. Ame & Car	71.7	75.4	18.8	22.0	0.9	0.4	5.9	1.4	2.7	0.9
N.Amer& Euro	90.1	95.6	8.5	3.6	0.3	0.4	1.1	0.4	0.1	0.0
Sub-Sah Africa	17.1	30.0	27.8	34.6	9.0	12.9	27.5	15.6	18.7	6.8
W Asia & NAFri	67.9	78.7	15.9	13.3	4.6	5.6	9.3	1.3	2.3	1.1
World	61.7	74.3	20.0	15.8	2.5	3.6	11.8	4.7	4.1	1.6
Income levels										
Lower-mid inc.	43.1	58.1	34.1	29.9	4.3	4.6	13.1	5.1	5.4	2.3
Low income	18.8	28.8	22.7	30.4	10.1	17.8	31.4	17.1	17.1	5.9
Upper-mid. Inc	68.8	76.8	15.7	18.6	0.8	0.8	12.1	3.3	2.6	0.5
High income	95.2	97.6	3.7	2.2	0.1	0.1	1.0	0.2	0.1	0.0
Least D C	25.0	37.1	25.7	29.7	8.8	13.4	26.0	14.0	14.6	5.9
Other										
Fragile	37.5	42.5	23.4	31.7	6.8	9.4	19.1	11.0	13.2	5.4
L.locked Dev. C.	26.1	35.5	25.7	32.3	8.1	15.0	25.3	13.1	14.8	4.2

First, Second Third, Fourth, Fifth, Sixth- First is the best performer, while sixth is the worst performer.

Note: wat_s is water safely managed; wat_bas_ is basic water; wat_li is limited water; wat_unimp is unimproved water source; and wat_s is surface water.

Cent. & S.Asia- Central and South Asia, E. and SE Asia- East and South East Asia, L. Ame &Car- Latin America and the Caribbean, N. Amer &Euro – North America and Europe, W Asia &NAfri – West Asia and North Africa. Lower-mid inc- Lower Middle income countries, Upper-mid. Inc- Upper middle-income countries. Least DC- Least developed countries. L. locked Dev. C.- Land locked developing countries.

Table 4. Female vs. male education status in the context of urban vs. rural in the critical water insecure countries

	Wom.		Men		Wom.		Men		Wom.		Men	
	no ed.		no ed.		Pri.		Pri.		Sec/hi		Sec/hi	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Afgha	67	89	31	56	3	2	7	6	20	5	46	27
Chad	42	69	20	43	7	4	4	8	37	8	63	26
Como	19	37	11	19	5	7	8	12	67	41	69	49
Eritre	23	71			4	1			41	4		
Ethiop	25	48			9	5			34	10		
Haiti	6	20	3	13	8	10	6	8	72	43	80	49
Liberi	21	47	7	22	3	4	1	5	61	21	76	45
Mada	6	19	5	16	6	9	5	7	71	33	72	35
Niger	33	75			8	5			47	9		
Pakist	28	62	14	33	12	11	11	13	56	22	68	45
P. Gui	7	25	4	14	11	11	12	14	52	23	60	31
S. Leo	28	61	15	42	3	4	4	4	62	23	75	41

Table 5. Pre-primary schools with unimproved, limited or basic water services in percentages

No water service or unimproved				Limited water services				Basic water			
E. Guinea	75	Gambia	38	Cambodia	<1	Ecuador	91				
Vanuatu	65	Cambodia	38	Sierra L.	<1	Fiji	90				
Eritrea	59	Tanzania	37	Solomon Islands	30	Ghana	79				
P.N. Guinea	58	Guinea	33	Mexico	29	Peru	76				
C.A.R	49	Burkina F.	29	Gabon	24	Uzbekistan	76				
Burundi	49	Indonesia	27	Uzbekistan	16	Indonesia	70				
D. R. Congo	44	Brazil	21	Tanzania	14	Romania	67				
Solomon Island	43	Gabon	17	Ghana	12	Cambodia	62				
Côte d'Ivoire	42	Senegal	16	Peru	10	Mexico	61				
Sierra Leone	41	Peru	14	Papua New Guinea	8	Gabon	59				
Chad	41	S. Sudan	11	Fiji	4	Sierra Leone	58				
Lebanon	40	Mexico	10	Burundi	3	Lebanon	57				
Cameroon	39	Ghana	9	Lebanon	3	Tanzania	49				
S.T.Principe	39	Uzbekistan	8	Ecuador	3	Burundi	48				
El Salvador	6	Ecuador	7	Indonesia	2	P N. Guinea	34				
Costa Rica	2	Fiji	6			Solom Islan	26				
Iraq	2										

Note: First quartile; Second quartile; Third quartile; and Fourth quartile

Table 6. Primary schools with unimproved, limited or basic water services in percentages

Basic water services or improved				Limited water services				No water service or unimproved			
Armenia	99	Rwanda	59	Syria	48	Niger	83	Algeria	15		
Tonga	98	Gabon	59	Benin	39	C.A.R.	81	Cambodia	14		
Viet Nam	96	Afghanistan	58	Philippines	29	Ethiopia	80	Tunisia	13		
Malaysia	95	Lao P.D Republic	56	Zimbabwe	29	Equatorial Guinea	74	Gambia	13		
British V.Is	94	Albania	56	Mali	28	Chad	70	Fiji	12		
Jamaica	93	Congo	54	India	26	Madagascar	63	Costa Rica	11		
Uzbekistan	90	Sierra Leone	52	Solomon Islands	25	Guinea	63	Ghana	11		
Malawi	87	South Sudan	51	Tuvalu	25	D.R. Congo	58	Zimbabwe	11		
Fiji	87	Mauritania	51	Mongolia	24	Côte d'Ivoire	56	Ecuador	10		
Costa Rica	86	Tanzania	50	Uganda	23	Vanuatu	51	S.T. Principe	10		
Algeria	85	Syria	49	Nigeria	23	Burundi	50	Djibouti	9		
Palau	84	P.N.Guinea	46	Tanzania	22	Haiti	48	Malawi	7		
Cambodia	83	Philippines	45	Sudan	20	P. N. Guinea	48	India	7		
Sri Lanka	82	Burundi	45	Cameroon	20	Sierra Leone	47	Bangladesh	6		
Ecuador	82	Liberia	44	Afganstan	17	Nigeria	46	Uganda	4		
El Salvador	80	Sudan	43	El Salvador	16	Somalia	46	El Salvador	4		
Bangladesh	80	Solomon Islands	43	Bangladesh	15	Cameroon	43	Mongolia	3		
Zambia	78	Benin	43	Gabon	14	South Sudan	40	Ukraine	3		
Ghana	78	Nepal	39	Ghana	12	Lebanon	37	Syria	2		
Peru	77	Guinea	37	Lao P. Republic	11	Pakistan	37	Mali	2		
Honduras	76	Cameroon	37	South Sudan	9	Sudan	36				
Morocco	75	Madagascar	37	Indonesia	8	Eritrea	35				
Tuvalu	75	Togo	33	Ecuador	8	Burkina Faso	33				
Myanmar	74	Nigeria	31	Peru	7	Lao P.D. Republic	33				
Uganda	73	Chad	30	P. N. Guinea	6	Solomon Islands	32				
Mongolia	73	Panama	27	British Virgin Islands	6	Tanzania	28				
Indonesia	72	C.A.R.	16	Ethiopia	6	Gabon	27				
Timor-Lest	71	Ethiopia	15	Burundi	6	Philippines	26				
Mali	70			Malawi	6	Afgansta	25				
Marshall Is.	68			Burkina Faso	5	Senegal	21				
Kiribati	67			Malaysia	5	Indonesia	20				
India	67			Cambodia	4	Iraq	19				
Romania	64			Zambia	3	Benin	19				
Pakistan	63			Lebanon	3	Zambia	18				
Burkina F.	62			Costa Rica	3	Eswatini	17				
Zimbabwe	60			C.A.R.	3	Brazil	16				
Lebanon	60			Fiji	2	Peru	15				

Note: First quartile; Second quartile; Third quartile; and Fourth quartile

Table 7. Secondary/ high schools with unimproved, limited or basic water services in percentages

Basic services or improved & available				Limited water services				No water services or unimproved			
Malaysia	99	Mongolia	73	Syria	49	Madagascar	74	Eswatini	10		
Saint Vincent	99	Albania	73	Burundi	39	Haiti	63	Brazil	9		
Tonga	99	Honduras	71	Ethiopia	31	Vanuatu	58	Burundi	9		
Grenada	99	Tanzania	70	Gabon	29	Mauritania	58	Iraq	9		
Jamaica	97	Sierra Leone	66	Philippines	28	C. A. R.	58	Fiji	8		
Armenia	97	P. New Guinea	65	Zimbabwe	26	Chad	50	Djibouti	7		
Bangladesh	95	Liberia	65	Mongolia	25	E. Guinea	49	India	6		
Palau	95	Zimbabwe	63	Tuvalu	24	Ethiopia	47	Ghana	6		
Morocco	94	Timor-Leste	62	Papua New Guinea	23	Niger	45	Costa Rica	5		
Ecuador	93	Lebanon	61	Solomon Islands	21	Burkina Faso	39	Zambia	5		
Algeria	92	Solomon Islands	59	Nigeria	19	Somalia	37	S.T.Principe	5		
Fiji	90	Marshall Islands	57	Costa Rica	19	Lebanon	37	Ecuador	4		
Uzbekistan	89	Gabon	57	India	19	Sierra Leone	34	Malawi	4		
British Virgin Islands	88	Togo	54	Tanzania	19	Nigeria	32	El Salvador	4		
Sri Lanka	87	Burundi	52	Burkina Faso	15	Philippines	25	Ukraine	3		
Kiribati	86	Syrian	49	Ghana	15	Liberia	24	Senegal	2		
Pakistan	85	Nigeria	49	Malawi	14	Solomon Islands	20	Syria	2		
Romania	85	Niger	48	El Salvador	12	Eritrea	20	Mongolia	1		

El Salvador	84	Philippines	46	Peru	12	Cambodia	17	Algeria	1
Cambodia	82	Burkina Faso	46	Indonesia	11	Benin	16		
Malawi	82	Panama	41	Liberia	11	Pakistan	15		
Myanmar	82	Ethiopia	22	Niger	7	Guinea	14		
Ghana	79			Algeria	7	Gabon	14		
Rwanda	77			Bangladesh	5	Indonesia	14		
Nepal	76			Ecuador	3	Côte d'Ivoire	14		
Tuvalu	76			Jamaica	3	South Sudan	13		
Costa Rica	76			Lebanon	3	Peru	13		
India	75			Fiji	2	Gambia	12		
Afghanistan	75			Grenada	1	Tanzania	12		
Peru	75			Saint Vincent	1	Zimbabwe	12		
Indonesia	75			Malaysia	1	P. New Guinea	12		

Note: First quartile; Second quartile; Third quartile; and Fourth quartile

Table 8. Comparison of child health and nutrition status across wealth quartiles, and urban vs. rural areas

Country	L20%		H20%		Diarrhea		Stunted		Wasted	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Afghan	3	26	73	3	32	28				
Chad	7	24	81	2	23	22	32	42	13	13
Comoros	9	25	34	14	16	17	25	32	12	11
Eritrea	1	32	52	0	11	15	32	49	10	17
Ethiopia	8	25	62	5			26	40	5	8
Haiti	0	33	43	5	23	21	18	24	5	3
Liberia	6	39	34	2	14	17	25	35	3	3
Mada	7	23	66	10	10	9	36	41	8	8
Niger	0	25	86	5						
Pakistan	3	30	42	7	19	19	31	41	7	7
P. Guine	1	22	71	14	22	13				
S. Leone	1	34	46	2	7	7	25	32	6	5
Yemen	1	28	55	4	28	32	34	51	14	17

Appendix 1

Table 1. Descriptive statistics

			Average	Stdev.err
Lowest20%	Urban		3.54	3.14
	Rural		28.00	4.99
Highest 20%	Urban		57.20	17.22
	Rural		5.52	4.34
Women	No education	Urban	25.25	17.06
		Rural	51.69	23.01
Men	No education	Urban	12.22	9.16
		Rural	28.74	15.46
Women	Primary	Urban	6.49	3.04

Men	Primary	Rural	6.11	3.47
		Urban	6.39	3.46
		Rural	8.67	3.53
Women	Secondary/high school	Urban	51.53	16.14
		Rural	20.21	13.39
Men	Secondary/high school	Urban	67.82	10.39
		Rural	38.54	9.16
		Diarrhea	18.00	7.47
		Immunization, DPT (% of children ages 12-23 months)	73.52	17.70
		Mortality rate, under-5 (per 1,000 live births)	58.04	33.82
		People using improved water services (% of pop.)	67.89	17.79
		People using improved water services, rural (% of rural pop.)	54.95	19.17
		People using improved water services, urban (% of urban pop.)	84.98	8.79
		Prevalence of food insecurity in the population (%)	56.98	24.15
		Prevalence of stunting (% of children under 5)	33.40	7.99
		Prevalence of undernourishment (% of population)	27.59	14.84