

Measuring the Information Society Report 2017

Volume 1



Table 2.2: IDI rankings and values, 2017 and 2016

Economy	Rank 2017	IDI 2017	Rank 2016	IDI 2016
Iceland	1	8.98	2	8.78
Korea (Rep.)	2	8.85	1	8.80
Switzerland	3	8.74	4	8.66
Denmark	4	8.71	3	8.68
United Kingdom	5	8.65	5	8.53
Hong Kong, China	6	8.61	6	8.47
Netherlands	7	8.49	10	8.40
Norway	8	8.47	7	8.45
Luxembourg	9	8.47	9	8.40
Japan	10	8.43	11	8.32
Sweden	11	8.41	8	8.41
Germany	12	8.39	13	8.20
New Zealand	13	8.33	12	8.23
Australia	14	8.24	16	8.08
France	15	8.24	17	8.05
United States	16	8.18	15	8.13
Estonia	17	8.14	14	8.16
Singapore	18	8.05	20	7.85
Monaco	19	8.05	18	8.03
Ireland	20	8.02	19	7.90
Austria	21	8.02	24	7.70
Finland	22	7.88	21	7.83
Israel	23	7.88	22	7.71
Malta	24	7.86	25	7.65
Belgium	25	7.81	23	7.70
Macao, China	26	7.80	29	7.55
Spain	27	7.79	27	7.61
Cyprus	28	7.77	31	7.30
Canada	29	7.77	26	7.64
Andorra	30	7.71	28	7.58
Bahrain	31	7.60	30	7.46
Belarus	32	7.55	32	7.29
Slovenia	33	7.38	33	7.20
Barbados	34	7.31	37	7.11
Latvia	35	7.26	40	7.05
Croatia	36	7.24	42	6.96
St. Kitts and Nevis	37	7.24	35	7.18
Greece	38	7.23	38	7.08
Qatar	39	7.21	36	7.12
United Arab Emirates	40	7.21	34	7.18
Lithuania	41	7.19	41	6.97
Uruguay	42	7.16	48	6.75
Czech Republic	43	7.16	39	7.06
Portugal	44	7.13	44	6.88
Russian Federation	45	7.07	43	6.91
Slovakia	46	7.06	47	6.84
Italy	47	7.04	46	6.84
Hungary	48	6.93	49	6.74
Poland	49	6.89	50	6.73
Bulgaria	50	6.86	53	6.66
Argentina	51	6.79	52	6.68
Kazakhstan	52	6.79	51	6.72
Brunei Darussalam	53	6.75	54	6.56
Saudi Arabia	54	6.67	45	6.87
Serbia	55	6.61	55	6.51
Chile	56	6.57	59	6.28
Bahamas	57	6.51	58	6.29
Romania	58	6.48	61	6.23
Moldova	59	6.45	63	6.21
Costa Rica	60	6.44	57	6.29
Montenegro	61	6.44	56	6.30
Oman	62	6.43	64	6.14
Malaysia	63	6.38	62	6.22
Lebanon	64	6.30	65	6.09
Azerbaijan	65	6.20	60	6.25
Brazil	66	6.12	67	5.89
Turkey	67	6.08	72	5.66
Trinidad & Tobago	68	6.04	71	5.71
TFYR Macedonia	69	6.01	68	5.88
Jordan	70	6.00	66	5.97
Kuwait	71	5.98	70	5.75
Mauritius	72	5.88	75	5.51
Grenada	73	5.80	77	5.39
Georgia	74	5.79	73	5.59
Armenia	75	5.76	74	5.56
Antigua & Barbuda	76	5.71	76	5.48
Dominica	77	5.69	69	5.76
Thailand	78	5.67	79	5.31
Ukraine	79	5.62	78	5.31
China	80	5.60	83	5.17
Iran (I.R.)	81	5.58	85	5.04
St. Vincent & the Grenadines	82	5.54	80	5.27
Bosnia and Herzegovina	83	5.39	81	5.23
Colombia	84	5.36	84	5.12
Maldives	85	5.25	86	4.97
Venezuela	86	5.17	82	5.22
Mexico	87	5.16	90	4.87
Suriname	88	5.15	94	4.77
Albania	89	5.14	89	4.90
Seychelles	90	5.03	92	4.80
Mongolia	91	4.96	87	4.91
South Africa	92	4.96	88	4.91
Cape Verde	93	4.92	91	4.83
Panama	94	4.91	93	4.80
Uzbekistan	95	4.90	103	4.48
Peru	96	4.85	97	4.61
Ecuador	97	4.84	101	4.52
Jamaica	98	4.84	96	4.63
Tunisia	99	4.82	95	4.70
Morocco	100	4.77	98	4.57
Philippines	101	4.67	100	4.52
Algeria	102	4.67	106	4.32
Egypt	103	4.63	104	4.44
St. Lucia	104	4.63	99	4.53
Botswana	105	4.59	102	4.51
Dominican Rep.	106	4.51	107	4.26
Fiji	107	4.49	105	4.34
Viet Nam	108	4.43	108	4.18
Kyrgyzstan	109	4.37	110	4.06
Tonga	110	4.34	109	4.13
Indonesia	111	4.33	114	3.85
Bolivia	112	4.31	115	3.84
Paraguay	113	4.18	111	4.02
Gabon	114	4.11	118	3.62
Libya	115	4.11	112	3.93
Ghana	116	4.05	113	3.88
Sri Lanka	117	3.91	116	3.77
Namibia	118	3.89	123	3.33
El Salvador	119	3.82	117	3.62
Belize	120	3.71	120	3.54
Bhutan	121	3.69	119	3.58
Timor-Leste	122	3.57	127	3.11
Palestine	123	3.55	122	3.42
Guyana	124	3.44	121	3.44
Guatemala	125	3.35	125	3.19
Syria	126	3.34	124	3.32
Samoa	127	3.30	129	2.95
Cambodia	128	3.28	128	3.04
Honduras	129	3.28	126	3.14
Nicaragua	130	3.27	132	2.85
Côte d'Ivoire	131	3.14	134	2.84
S. Tomé & Príncipe	132	3.09	131	2.91
Lesotho	133	3.04	130	2.94
India	134	3.03	138	2.65
Myanmar	135	3.00	140	2.59
Zimbabwe	136	2.92	133	2.85
Cuba	137	2.91	135	2.80
Kenya	138	2.91	137	2.67
Lao P.D.R.	139	2.91	144	2.43
Nepal	140	2.88	139	2.60
Vanuatu	141	2.81	136	2.75
Senegal	142	2.66	142	2.48
Nigeria	143	2.60	143	2.44
Gambia	144	2.59	145	2.43
Sudan	145	2.55	141	2.56
Zambia	146	2.54	149	2.19
Bangladesh	147	2.53	146	2.37
Pakistan	148	2.42	148	2.21
Cameroon	149	2.38	150	2.14
Mozambique	150	2.32	147	2.23
Mauritania	151	2.26	152	2.08
Uganda	152	2.19	158	1.90
Rwanda	153	2.18	151	2.10
Kiribati	154	2.17	155	2.04
Mali	155	2.16	153	2.05
Togo	156	2.15	159	1.86
Solomon Islands	157	2.11	154	2.04
Djibouti	158	1.98	161	1.80
Afghanistan	159	1.95	165	1.71
Angola	160	1.94	156	2.00
Benin	161	1.94	157	1.92
Burkina Faso	162	1.90	163	1.74
Equatorial Guinea	163	1.86	160	1.82
Comoros	164	1.82	162	1.78
Tanzania	165	1.81	164	1.73
Guinea	166	1.78	166	1.71
Malawi	167	1.74	169	1.58
Haiti	168	1.72	168	1.63
Madagascar	169	1.68	167	1.70
Ethiopia	170	1.65	171	1.42
Congo (Dem. Rep.)	171	1.55	170	1.48
Burundi	172	1.48	172	1.39
Guinea-Bissau	173	1.48	173	1.38
Chad	174	1.27	174	1.06
Central African Rep.	175	1.04	176	0.89
Eritrea	176	0.96	175	0.96

Note: Palestine is not an ITU member State; the status of Palestine in ITU is the subject of Resolution 99 (rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: ITU.

Table 2.3: IDI access sub-index rankings and values, 2017 and 2016

Economy	Rank in access sub-index 2017	IDI access sub-index 2017	Rank in access sub-index 2016	IDI access sub-index 2016	Economy	Rank in access sub-index 2017	IDI access sub-index 2017	Rank in access sub-index 2016	IDI access sub-index 2016
Luxembourg	1	9.54	1	9.54	China	89	5.58	90	5.37
Iceland	2	9.38	2	9.32	South Africa	90	5.48	91	5.29
Hong Kong, China	3	9.22	3	9.16	Thailand	91	5.48	88	5.39
United Kingdom	4	9.15	4	9.12	Egypt	92	5.40	93	5.23
Malta	5	9.02	6	8.96	Jamaica	93	5.29	97	5.02
Germany	6	8.93	5	8.97	Mexico	94	5.28	95	5.04
Korea (Rep.)	7	8.85	7	8.90	Uzbekistan	95	5.24	98	4.96
Switzerland	8	8.85	8	8.83	St. Lucia	96	5.17	94	5.16
Japan	9	8.80	9	8.73	Venezuela	97	5.15	92	5.28
Netherlands	10	8.65	10	8.62	Algeria	98	5.14	102	4.83
France	11	8.64	13	8.55	Tunisia	99	5.11	99	4.96
Singapore	12	8.61	12	8.56	Ecuador	100	4.93	104	4.78
Sweden	13	8.55	11	8.58	Botswana	101	4.90	101	4.84
Denmark	14	8.39	14	8.35	Peru	102	4.90	107	4.68
Austria	15	8.38	15	8.31	Fiji	103	4.88	100	4.90
New Zealand	16	8.34	20	8.16	Philippines	104	4.87	103	4.81
United States	17	8.27	17	8.18	Indonesia	105	4.85	108	4.68
Monaco	18	8.26	16	8.21	Albania	106	4.80	105	4.70
Israel	19	8.17	21	8.16	Libya	107	4.80	111	4.58
Estonia	20	8.16	18	8.18	Viet Nam	108	4.75	110	4.64
Belgium	21	8.15	19	8.16	El Salvador	109	4.75	106	4.68
Bahrain	22	8.14	27	7.92	Mongolia	110	4.74	96	5.03
Ireland	23	8.14	22	8.13	Sri Lanka	111	4.66	112	4.52
United Arab Emirates	24	8.11	23	8.07	Tonga	112	4.64	113	4.43
Barbados	25	8.04	24	8.05	Syria	113	4.58	109	4.66
Australia	26	8.00	28	7.90	Kyrgyzstan	114	4.54	114	4.43
Norway	27	8.00	26	8.00	Guatemala	115	4.52	115	4.38
Andorra	28	7.99	25	8.01	Gabon	116	4.51	116	4.36
Spain	29	7.98	31	7.84	Bolivia	117	4.42	119	4.26
Canada	30	7.93	30	7.86	Paraguay	118	4.41	117	4.30
Portugal	31	7.91	34	7.77	Namibia	119	4.39	120	4.23
Slovenia	32	7.91	29	7.87	Ghana	120	4.36	122	4.20
Qatar	33	7.90	32	7.80	Guyana	121	4.36	118	4.27
Belarus	34	7.87	37	7.69	Dominican Rep.	122	4.30	121	4.20
Cyprus	35	7.86	33	7.78	Nicaragua	123	4.19	124	4.02
Macao, China	36	7.83	35	7.73	Cambodia	124	4.16	125	4.01
Hungary	37	7.78	38	7.65	Bhutan	125	4.09	126	3.95
Greece	38	7.76	36	7.73	Honduras	126	4.08	123	4.04
Croatia	39	7.60	41	7.46	Belize	127	4.07	127	3.88
Poland	40	7.58	42	7.41	Côte d'Ivoire	128	3.92	130	3.72
St. Kitts and Nevis	41	7.57	39	7.63	Timor-Leste	129	3.84	128	3.74
Moldova	42	7.56	43	7.32	Gambia	130	3.77	129	3.73
Kazakhstan	43	7.55	40	7.48	Lesotho	131	3.72	134	3.52
Brunei Darussalam	44	7.47	47	7.25	S. Tomé & Príncipe	132	3.69	131	3.62
Latvia	45	7.41	44	7.31	Vanuatu	133	3.65	132	3.57
Finland	46	7.35	46	7.28	Samoa	134	3.64	136	3.43
Italy	47	7.33	48	7.23	Kenya	135	3.63	133	3.56
Oman	48	7.32	45	7.30	Nepal	136	3.62	138	3.24
Uruguay	49	7.28	52	7.17	India	137	3.60	139	3.24
Russian Federation	50	7.23	54	7.12	Senegal	138	3.57	135	3.48
Slovakia	51	7.22	50	7.19	Myanmar	139	3.48	144	3.09
Saudi Arabia	52	7.21	49	7.20	Lao P.D.R.	140	3.47	143	3.17
Serbia	53	7.20	53	7.16	Zimbabwe	141	3.40	137	3.31
Trinidad & Tobago	54	7.18	57	6.94	Palestine	142	3.35	141	3.21
Czech Republic	55	7.14	55	7.08	Pakistan	143	3.34	142	3.18
Kuwait	56	7.12	51	7.17	Sudan	144	3.23	140	3.23
Lithuania	57	7.11	56	6.97	Nigeria	145	3.16	146	3.01
Mauritius	58	7.04	61	6.78	Mali	146	3.16	145	3.07
Montenegro	59	7.03	58	6.87	Bangladesh	147	3.05	147	2.99
Romania	60	6.98	60	6.80	Mauritania	148	2.96	148	2.91
Bahamas	61	6.97	66	6.67	Zambia	149	2.85	149	2.77
Malaysia	62	6.93	67	6.67	Cameroon	150	2.84	152	2.72
Lebanon	63	6.92	63	6.70	Burkina Faso	151	2.82	153	2.72
Argentina	64	6.87	59	6.81	Solomon Islands	152	2.81	150	2.73
Bulgaria	65	6.83	62	6.78	Equatorial Guinea	153	2.71	155	2.68
Chile	66	6.79	65	6.69	Togo	154	2.71	158	2.58
Iran (I.R.)	67	6.74	76	6.33	Rwanda	155	2.67	157	2.58
Antigua & Barbuda	68	6.73	70	6.55	Djibouti	156	2.63	163	2.48
TFYR Macedonia	69	6.66	69	6.56	Benin	157	2.63	151	2.73
Azerbaijan	70	6.62	64	6.69	Angola	158	2.62	154	2.69
Ukraine	71	6.60	72	6.45	Comoros	159	2.59	159	2.53
Armenia	72	6.52	71	6.46	Afghanistan	160	2.56	162	2.48
Seychelles	73	6.46	73	6.36	Mozambique	161	2.53	156	2.64
Costa Rica	74	6.40	74	6.35	Tanzania	162	2.52	160	2.51
Dominica	75	6.34	68	6.60	Guinea	163	2.51	164	2.45
Grenada	76	6.32	78	6.20	Uganda	164	2.46	166	2.31
St. Vincent and the Grenadines	77	6.31	75	6.35	Guinea-Bissau	165	2.43	165	2.39
Turkey	78	6.30	80	6.11	Cuba	166	2.40	169	2.12
Georgia	79	6.26	77	6.21	Haiti	167	2.37	161	2.49
Brazil	80	6.25	79	6.19	Ethiopia	168	2.35	168	2.16
Maldives	81	6.22	82	6.04	Kiribati	169	2.32	170	2.05
Morocco	82	6.06	83	5.99	Madagascar	170	2.29	167	2.29
Jordan	83	6.03	81	6.08	Malawi	171	2.18	172	1.95
Panama	84	5.95	84	5.81	Burundi	172	2.14	171	2.04
Colombia	85	5.88	86	5.74	Chad	173	2.01	173	1.84
Bosnia and Herzegovina	86	5.84	85	5.74	Congo (Dem. Rep.)	174	1.68	174	1.79
Suriname	87	5.83	89	5.38	Central African Rep.	175	1.57	176	1.20
Cape Verde	88	5.76	87	5.53	Eritrea	176	1.38	175	1.32

Note: Palestine is not an ITU member State; the status of Palestine in ITU is the subject of Resolution 99 (rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: ITU.

Table 2.4: IDI use sub-index rankings and values, 2017 and 2016

Economy	Rank in use sub-index 2017	IDI use sub-index 2017	Rank in use sub-index 2016	IDI use sub-index 2016
Denmark	1	8.94	1	8.90
Switzerland	2	8.88	3	8.76
Norway	3	8.82	2	8.77
Korea (Rep.)	4	8.71	4	8.56
Iceland	5	8.70	5	8.44
Sweden	6	8.40	6	8.36
United Kingdom	7	8.38	8	8.13
Luxembourg	8	8.30	7	8.17
Netherlands	9	8.28	9	8.10
Hong Kong, China	10	8.21	14	7.95
Japan	11	8.15	10	8.07
New Zealand	12	8.08	11	8.03
Monaco	13	8.01	12	8.01
Finland	14	7.99	13	7.97
Estonia	15	7.97	15	7.95
Australia	16	7.97	16	7.74
France	17	7.93	17	7.61
Germany	18	7.77	23	7.35
Macao, China	19	7.72	19	7.54
United States	20	7.67	18	7.56
Cyprus	21	7.61	33	6.63
Ireland	22	7.59	22	7.38
Bahrain	23	7.53	20	7.48
Singapore	24	7.45	21	7.44
Austria	25	7.39	30	6.74
Israel	26	7.34	29	6.92
Canada	27	7.27	25	7.01
Spain	28	7.23	27	6.97
Belgium	29	7.22	28	6.95
Malta	30	7.16	32	6.73
United Arab Emirates	31	7.09	24	7.07
Qatar	32	7.07	26	6.99
Andorra	33	7.07	31	6.74
Uruguay	34	7.03	38	6.20
St. Kitts and Nevis	35	6.76	34	6.53
Slovakia	36	6.67	40	6.14
Latvia	37	6.65	37	6.25
Lithuania	38	6.63	39	6.18
Czech Republic	39	6.62	35	6.44
Belarus	40	6.54	42	6.05
Croatia	41	6.45	41	6.05
Italy	42	6.35	43	6.03
Barbados	43	6.30	46	5.88
Brunei Darussalam	44	6.30	44	5.98
Bulgaria	45	6.23	48	5.86
Lebanon	46	6.20	50	5.80
Costa Rica	47	6.18	49	5.85
Malaysia	48	6.17	45	5.94
Slovenia	49	6.16	53	5.69
Portugal	50	6.15	54	5.67
Russian Federation	51	6.13	47	5.87
Argentina	52	5.96	51	5.79
Greece	53	5.82	58	5.47
Jordan	54	5.73	57	5.52
Oman	55	5.71	64	5.12
Hungary	56	5.71	61	5.28
Brazil	57	5.69	56	5.58
Kazakhstan	58	5.69	55	5.63
Saudi Arabia	59	5.68	36	6.32
Bahamas	60	5.59	60	5.33
Romania	61	5.59	66	5.08
Azerbaijan	62	5.55	52	5.70
Serbia	63	5.54	59	5.37
Poland	64	5.47	62	5.24
Chile	65	5.39	67	4.86
Montenegro	66	5.38	63	5.21
TFYR Macedonia	67	5.36	65	5.09
Thailand	68	5.33	68	4.78
China	69	5.27	71	4.63
Moldova	70	5.12	70	4.71
Trinidad & Tobago	71	5.07	72	4.51
Kuwait	72	4.99	73	4.42
Turkey	73	4.92	77	4.18
Maldives	74	4.80	74	4.30
Dominica	75	4.78	69	4.73
Mexico	76	4.65	75	4.27
St. Vincent and the Grenadines	77	4.61	84	3.89
Suriname	78	4.55	78	4.18
Bosnia and Herzegovina	79	4.52	76	4.21
Georgia	80	4.47	80	4.09
Antigua & Barbuda	81	4.46	81	4.06
Mauritius	82	4.44	90	3.78
Armenia	83	4.42	88	3.85
Albania	84	4.42	85	3.88
Colombia	85	4.11	87	3.85
Tunisia	86	4.11	82	3.96
Cape Verde	87	4.11	79	4.10
Dominican Rep.	88	4.04	95	3.49
Grenada	89	4.04	89	3.78
Peru	90	3.96	94	3.55
Venezuela	91	3.94	83	3.95
Jamaica	92	3.94	92	3.64
Uzbekistan	93	3.93	103	3.23
Ecuador	94	3.92	99	3.34
South Africa	95	3.91	86	3.86
Mongolia	96	3.90	91	3.64
Gabon	97	3.85	112	2.77
Botswana	98	3.73	93	3.60
Philippines	99	3.70	96	3.44
Morocco	100	3.68	97	3.40
St. Lucia	101	3.68	98	3.39
Viet Nam	102	3.65	105	3.18
Ghana	103	3.55	100	3.29
Iran (I.R.)	104	3.54	111	2.78
Seychelles	105	3.47	101	3.24
Fiji	106	3.44	106	3.10
Bolivia	107	3.38	114	2.40
Algeria	108	3.38	110	2.92
Namibia	109	3.36	118	2.16
Tonga	110	3.35	108	3.08
Egypt	111	3.35	104	3.20
Panama	112	3.32	102	3.24
Paraguay	113	3.29	107	3.10
Bhutan	114	3.21	109	3.08
Indonesia	115	3.19	117	2.22
Ukraine	116	3.17	113	2.56
Timor-Leste	117	3.00	125	2.02
Kyrgyzstan	118	2.91	116	2.25
Cambodia	119	2.56	122	2.09
Côte d'Ivoire	120	2.50	121	2.10
Myanmar	121	2.43	128	1.84
Palestine	122	2.42	115	2.25
Belize	123	2.29	124	2.07
El Salvador	124	2.25	127	1.86
Mozambique	125	2.24	123	2.07
Lesotho	126	2.15	119	2.15
Zimbabwe	127	2.10	120	2.12
Libya	128	1.98	129	1.75
Samoa	129	1.94	145	1.23
Zambia	130	1.93	148	1.17
Sri Lanka	131	1.91	130	1.69
Lao P.D.R.	132	1.90	149	1.11
Honduras	133	1.89	132	1.63
Uganda	134	1.87	146	1.22
Guatemala	135	1.78	140	1.45
Sudan	136	1.78	126	1.87
S. Tomé & Príncipe	137	1.77	137	1.49
Senegal	138	1.76	131	1.64
Kenya	139	1.76	144	1.23
Nicaragua	140	1.73	152	1.00
Nepal	141	1.73	134	1.52
Vanuatu	142	1.63	139	1.47
Syria	143	1.63	133	1.53
India	144	1.62	142	1.25
Guyana	145	1.62	136	1.51
Mauritania	146	1.62	141	1.29
Nigeria	147	1.58	135	1.52
Rwanda	148	1.58	138	1.47
Bangladesh	149	1.41	147	1.17
Gambia	150	1.34	151	1.01
Cuba	151	1.30	143	1.25
Pakistan	152	1.24	154	0.95
Mali	153	1.19	153	0.97
Cameroon	154	1.16	157	0.84
Burkina Faso	155	1.13	155	0.89
Togo	156	1.06	166	0.49
Angola	157	1.03	150	1.10
Djibouti	158	0.99	160	0.73
Malawi	159	0.94	156	0.85
Afghanistan	160	0.83	167	0.48
Guinea	161	0.83	159	0.74
Equatorial Guinea	162	0.82	158	0.74
Solomon Islands	163	0.81	161	0.73
Tanzania	164	0.75	162	0.64
Haiti	165	0.75	170	0.41
Ethiopia	166	0.72	165	0.54
Congo (Dem. Rep.)	167	0.68	171	0.41
Benin	168	0.63	164	0.55
Madagascar	169	0.51	163	0.58
Kiribati	170	0.49	168	0.45
Chad	171	0.49	174	0.17
Burundi	172	0.45	169	0.42
Guinea-Bissau	173	0.36	175	0.12
Comoros	174	0.28	172	0.26
Central African Rep.	175	0.24	173	0.21
Eritrea	176	0.04	176	0.04

Note: Palestine is not an ITU member State; the status of Palestine in ITU is the subject of Resolution 99 (rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: ITU.

Table 2.5: IDI skills sub-index, rankings and values, 2017 and 2016

Economy	Rank in skills sub-index 2017	IDI skills sub-index 2017	Rank in skills sub-index 2016	IDI skills sub-index 2016	Economy	Rank in skills sub-index 2017	IDI skills sub-index 2017	Rank in skills sub-index 2016	IDI skills sub-index 2016
Australia	1	9.28	2	9.10	Qatar	89	6.09	89	6.03
Korea (Rep.)	2	9.15	3	9.08	Oman	90	6.07	97	5.83
United States	3	9.05	1	9.18	TFYR Macedonia	91	6.03	84	6.13
Greece	4	9.00	4	9.01	Panama	92	6.01	94	5.89
Belarus	5	8.93	5	8.96	South Africa	93	6.00	80	6.23
Denmark	6	8.87	6	8.87	Bolivia	94	5.96	91	5.89
New Zealand	7	8.81	8	8.77	Mexico	95	5.93	100	5.74
Slovenia	8	8.79	7	8.87	Dominican Rep.	96	5.89	90	5.90
Iceland	9	8.75	20	8.40	St. Vincent and the Grenadines	97	5.85	96	5.86
Finland	10	8.73	10	8.65	Fiji	98	5.83	102	5.68
Norway	11	8.71	9	8.70	Belize	99	5.80	99	5.81
Ireland	12	8.65	16	8.48	Jamaica	100	5.78	98	5.83
Russian Federation	13	8.62	14	8.55	Malaysia	101	5.70	95	5.87
Netherlands	14	8.59	12	8.56	Kuwait	102	5.69	108	5.59
Ukraine	15	8.56	11	8.57	Tonga	103	5.68	107	5.61
Austria	16	8.56	21	8.38	Botswana	104	5.67	101	5.69
Germany	17	8.54	23	8.36	Tunisia	105	5.67	103	5.68
Spain	18	8.50	19	8.41	Trinidad & Tobago	106	5.67	104	5.67
Chile	19	8.49	25	8.30	Egypt	107	5.66	113	5.33
Canada	20	8.47	17	8.44	United Arab Emirates	108	5.63	106	5.63
Andorra	21	8.44	18	8.43	Indonesia	109	5.54	110	5.48
Lithuania	22	8.44	13	8.55	Paraguay	110	5.52	114	5.28
Estonia	23	8.43	15	8.54	St. Lucia	111	5.46	109	5.52
Israel	24	8.38	22	8.38	Samoa	112	5.37	112	5.44
Poland	25	8.35	24	8.35	Viet Nam	113	5.31	115	5.25
Belgium	26	8.31	26	8.27	Seychelles	114	5.28	119	4.79
Argentina	27	8.30	28	8.18	Guyana	115	5.26	105	5.66
Czech Republic	28	8.27	27	8.25	Lebanon	116	5.23	111	5.46
Grenada	29	8.26	64	6.99	Kiribati	117	5.20	116	5.18
Japan	30	8.22	35	7.97	El Salvador	118	5.11	117	5.02
Switzerland	31	8.21	31	8.15	Suriname	119	4.97	120	4.72
Hong Kong, China	32	8.19	33	8.11	Cape Verde	120	4.89	118	4.89
United Kingdom	33	8.17	29	8.18	India	121	4.73	124	4.29
Latvia	34	8.17	32	8.12	Nicaragua	122	4.51	126	4.23
Bulgaria	35	8.17	34	8.04	S. Tomé & Príncipe	123	4.50	123	4.33
Sweden	36	8.15	30	8.17	Honduras	124	4.44	122	4.36
Singapore	37	8.14	56	7.27	Ghana	125	4.43	121	4.44
Croatia	38	8.11	38	7.79	Morocco	126	4.35	129	4.09
France	39	8.06	36	7.94	Syria	127	4.28	127	4.22
Turkey	40	7.97	39	7.72	Maldives	128	4.25	128	4.15
Cyprus	41	7.93	43	7.68	Timor-Leste	129	4.14	130	4.01
Macao, China	42	7.91	59	7.19	Guatemala	130	4.13	125	4.29
Italy	43	7.86	41	7.69	Namibia	131	3.96	131	3.85
Barbados	44	7.85	42	7.69	Cameroon	132	3.87	136	3.60
Monaco	45	7.70	40	7.70	Bhutan	133	3.86	132	3.84
Hungary	46	7.70	37	7.82	Gabon	134	3.86	133	3.81
Venezuela	47	7.64	44	7.63	Kenya	135	3.79	134	3.76
Saudi Arabia	48	7.57	55	7.30	Lao P.D.R.	136	3.78	137	3.60
Serbia	49	7.57	48	7.48	Nepal	137	3.73	139	3.50
Slovakia	50	7.54	45	7.57	Bangladesh	138	3.72	138	3.51
St. Kitts and Nevis	51	7.53	46	7.55	Zimbabwe	139	3.58	140	3.38
Mongolia	52	7.51	58	7.23	Nigeria	140	3.53	145	3.13
Portugal	53	7.50	47	7.51	Lesotho	141	3.48	141	3.37
Georgia	54	7.49	53	7.34	Vanuatu	142	3.47	135	3.65
Kazakhstan	55	7.48	50	7.41	Comoros	143	3.38	142	3.33
Bahamas	56	7.41	49	7.43	Solomon Islands	144	3.33	143	3.27
Montenegro	57	7.37	54	7.34	Togo	145	3.22	144	3.16
Iran (I.R.)	58	7.32	66	6.96	Myanmar	146	3.21	146	3.06
Albania	59	7.26	52	7.36	Benin	147	3.18	148	3.06
Romania	60	7.25	51	7.37	Zambia	148	3.13	147	3.06
Uruguay	61	7.18	62	7.02	Congo (Dem. Rep.)	149	3.03	149	3.01
Cuba	62	7.16	57	7.25	Cambodia	150	2.98	150	3.00
Costa Rica	63	7.05	61	7.04	Pakistan	151	2.95	151	2.78
Libya	64	6.99	63	6.99	Afghanistan	152	2.94	154	2.65
Kyrgyzstan	65	6.96	67	6.96	Côte d'Ivoire	153	2.88	157	2.57
Armenia	66	6.94	60	7.17	Madagascar	154	2.80	152	2.77
Malta	67	6.94	68	6.86	Gambia	155	2.75	153	2.66
Moldova	68	6.89	65	6.97	Sudan	156	2.75	155	2.62
Colombia	69	6.81	75	6.44	Djibouti	157	2.69	156	2.59
Thailand	70	6.72	81	6.21	Senegal	158	2.62	166	2.17
Brazil	71	6.71	92	5.89	Tanzania	159	2.49	161	2.33
Azerbaijan	72	6.67	73	6.47	Malawi	160	2.45	163	2.30
Bahrain	73	6.65	72	6.50	Angola	161	2.41	158	2.43
Luxembourg	74	6.65	71	6.59	Rwanda	162	2.40	160	2.42
Peru	75	6.54	70	6.60	Haiti	163	2.35	162	2.33
Ecuador	76	6.53	77	6.37	Uganda	164	2.29	159	2.43
Jordan	77	6.49	69	6.68	Equatorial Guinea	165	2.24	164	2.27
Mauritius	78	6.43	74	6.45	Guinea	166	2.23	165	2.19
Sri Lanka	79	6.41	76	6.41	Burundi	167	2.23	170	2.01
Algeria	80	6.29	87	6.10	Mauritania	168	2.15	169	2.02
China	81	6.28	93	5.89	Mali	169	2.12	167	2.15
Bosnia and Herzegovina	82	6.23	79	6.27	Ethiopia	170	2.11	173	1.71
Brunei Darussalam	83	6.23	78	6.31	Mozambique	171	2.06	172	1.74
Dominica	84	6.23	86	6.11	Eritrea	172	1.97	168	2.10
Palestine	85	6.22	82	6.18	Guinea-Bissau	173	1.82	171	1.87
Philippines	86	6.20	85	6.11	Central African Rep.	174	1.61	174	1.61
Uzbekistan	87	6.17	88	6.04	Burkina Faso	175	1.59	175	1.48
Antigua & Barbuda	88	6.16	83	6.17	Chad	176	1.37	176	1.30

Note: Palestine is not an ITU member State; the status of Palestine in ITU is the subject of Resolution 99 (rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: ITU.

Access indicators

Economy	Fixed-telephone subscriptions per 100 inhabitants		Mobile-cellular subscriptions per 100 inhabitants		International Internet bandwidth Bit/s per Internet user		Percentage of households with computer		Percentage of households with Internet	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
1 Afghanistan	0.3	0.3	61.6	66.0	14,124	11,967	2.9	3.4	3.9	4.8
2 Albania	7.1	7.6	106.4	105.1	43,232	56,964	25.7	27.7	35.5	37.0
3 Algeria	8.0 ¹	8.2 ¹	106.4 ¹	117.0 ¹	30,119	40,015	37.0	38.4	31.9	34.7
4 Andorra	48.0	47.4	88.1	87.2	82,857	106,390	85.6	85.1	83.6	83.3
5 Angola	1.2	1.3	60.8	55.3	6,518	8,796	11.1	10.5	10.2	10.0
6 Antigua & Barbuda	21.8	24.3	191.7	194.1	77,790	88,622	57.6	59.1	56.3	58.6
7 Argentina	23.9 ²	23.4	146.7 ²	150.7	35,925	41,130	67.0	67.6	62.0	63.8
8 Armenia	18.4	17.8	115.9	114.8	66,892	59,860	61.9	64.7	57.8	60.5
9 Australia	35.5 ³	33.8 ²	107.7 ³	109.6 ²	77,766	88,304	83.0	85.9	85.9	88.5
10 Austria	42.2 ⁴	41.5 ³	157.4	166.1	130,957	149,988	82.1	83.2	82.4	85.1
11 Azerbaijan	18.7	17.5	111.3	106.3	35,127	34,255	62.4	64.3	76.7	77.4
12 Bahamas	31.2	30.9	80.3	91.8 ³	225,877	198,447	69.2	70.7	61.1	66.0
13 Bahrain	20.6	20.8	185.3	216.9	89,425	112,770	94.8	94.8	88.7	98.0
14 Bangladesh	0.5	0.5 ⁴	81.9	77.9 ⁴	8,736 ¹	9,154	8.2	9.6	10.1	14.5
15 Barbados	52.0	48.4	116.5	115.0	247,474	284,571	70.8	71.7	62.9	67.7
16 Belarus	49.0	49.0	123.6	124.2	128,875	168,518	63.1	67.0	59.1	62.5
17 Belgium	40.1	39.0	114.2	111.0	159,436	189,254	82.1	82.2	81.8	84.8
18 Belize	6.8 ⁵	6.5	61.0 ⁴	63.9	38,654	44,633	34.0	36.0	25.6	30.2
19 Benin	1.8	1.1	85.6	79.6	1,811	1,656	5.1	5.8	5.4	6.6
20 Bhutan	2.8 ⁶	2.7 ⁵	87.0 ⁵	88.8 ⁵	11,220 ²	18,077	24.6	26.0	31.7	33.0
21 Bolivia	8.0	7.7	92.2	90.7	24,950	36,347	29.7	33.9	23.8	26.6
22 Bosnia and Herzegovina	20.2	19.5	90.2	89.2	82,289	98,452	47.1	49.2	53.6	57.1
23 Botswana	7.8 ⁷	6.9 ⁶	169.0	158.5	8,387	7,880	25.3	28.5	41.7	43.7
24 Brazil	21.4	20.4	126.6	118.9	44,196	66,181	49.6	51.0	50.9	52.4
25 Brunei Darussalam	17.7 ⁸	17.1 ⁷	108.1	120.7	69,907	76,226	92.5	93.0	74.0	75.0
26 Bulgaria	23.3	21.0 ⁸	129.3	127.2 ⁶	153,312	175,869	59.0	60.2	59.1	63.5
27 Burkina Faso	0.4	0.3	80.6	83.6	3,191	2,810	5.2	5.8	7.5	10.6
28 Burundi	0.2	0.2 ⁹	46.2	48.0 ⁷	5,702	6,083	2.0	3.4	2.0	3.5
29 Cambodia	1.6 ⁹	1.4	133.0	124.9 ⁸	17,792	23,573	9.8 ¹	10.5	21.0	26.0
30 Cameroon	4.5 ¹⁰	4.4 ¹⁰	71.8 ⁶	68.1 ⁹	992	2,549	12.7	13.7	8.6	10.5
31 Canada	43.5 ¹¹	41.4	83.0	84.1 ¹⁰	112,039	141,885	85.1	86.8	86.6	89.2
32 Cape Verde	11.5	11.6	118.6	122.0	15,382	23,357	34.2	37.4	58.4	62.0
33 Central African Rep.	0.0	0.0 ¹¹	25.9	25.5	121	1,695	2.8	2.9	2.9	3.1
34 Chad	0.1	0.1	40.2	44.5	1,987	3,762	3.1	3.3	3.1	3.5
35 Chile	19.2	19.2	129.5	127.1	129,825	175,556	61.9	63.9	59.7	61.1
36 China	16.5	14.7	92.2	96.9	6,530	14,699	49.6	52.5	54.2	55.5
37 Colombia	14.4 ¹²	14.2 ¹²	115.7 ⁷	117.1 ¹¹	105,050	150,871	45.5	45.2	41.8	45.8
38 Comoros	1.9	1.7	55.2	57.7	12,187	12,729	8.1	8.7	4.7	5.1
39 Congo (Dem. Rep.)	0.0	0.0	53.0	39.5	369	770	2.3	2.7	2.4	2.8
40 Costa Rica	17.2 ¹³	16.3	150.7 ⁸	159.2	61,746	68,449	53.2 ²	51.7	60.2	64.8
41 Côte d'Ivoire	1.3	1.3	119.3	126.0	4,984	6,825	8.8	10.4	17.2	22.7
42 Croatia	34.7	33.9	103.8	104.1	57,038	118,953	76.8	79.5	76.7	77.2
43 Cuba	11.5	11.8	29.7	35.5	571	1,152	13.0	15.1	5.6	7.5
44 Cyprus	38.4	38.0	131.8	134.5	159,145	188,904	71.5	71.8	71.2	74.4
45 Czech Republic	17.7	15.6 ¹³	115.6 ⁹	115.5 ¹²	161,342	180,697	73.1	75.6	73.1	76.1

Economy	Fixed-telephone subscriptions per 100 inhabitants		Mobile-cellular subscriptions per 100 inhabitants		International Internet bandwidth Bit/s per Internet user		Percentage of households with computer		Percentage of households with Internet		
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	
	46	Denmark	30.0	27.4	125.0	122.9	199,293	239,874	92.3	95.0	91.7
47	Djibouti	2.5	2.7	34.9	37.8	10,255	15,228	19.1	20.3	8.1	9.1
48	Dominica	28.3	18.3	106.3	107.4	201,092	176,449	52.2	54.0	58.4	60.0
49	Dominican Rep.	12.3 ¹⁴	12.5 ¹⁴	82.6	80.8	18,024	22,061	30.1	32.0	23.6	26.2
50	Ecuador	15.5 ¹⁵	14.8 ¹⁵	79.8 ¹⁰	84.3 ¹³	43,717	43,677	40.8	42.3	32.8	36.0
51	Egypt	7.4	7.1	111.0	113.7	10,743	17,194	50.9	53.1	42.3	43.3
52	El Salvador	14.7	14.4 ¹⁶	145.3	140.7 ¹⁴	62,219	63,622	20.1	20.8	14.0	16.9
53	Equatorial Guinea	1.4	1.2	66.7	65.9	2,130	2,397	14.6	16.0	8.9	9.4
54	Eritrea	1.0	1.0	7.0	7.3	2,629	3,601	2.8	3.3	1.7	1.9
55	Estonia	30.3	29.0	148.7 ¹¹	148.7 ¹⁵	173,936	210,798	87.9	89.6	87.7	86.2
56	Ethiopia	0.9	1.1	42.8 ¹²	50.5	1,959	2,242	4.4	5.0	14.4	15.4
57	Fiji	8.1	8.3	108.2	103.3	29,868	23,726	39.2	41.7	31.3	33.6
58	Finland	9.8	8.3	135.4 ¹³	134.5 ¹⁶	187,722	216,391	82.1	84.5	82.2	84.6
59	France	59.9	59.7	102.6	103.5	84,255	97,653	81.5	81.8	82.6	85.9
60	Gabon	1.1	1.1	161.1	144.2	4,511	4,844	29.2	31.0	29.3	34.4
61	Gambia	2.3	1.9	137.8	139.6	13,843	13,297	8.9	9.3	8.6	11.2
62	Georgia	22.1	19.4	129.0	129.1	96,324	92,145	49.7	52.5	45.1	49.8
63	Germany	54.9 ¹⁶	53.7	116.7 ¹⁴	114.5	91,443	107,489	91.0	91.4	90.3	90.8
64	Ghana	1.0	0.9	129.7	139.1	7,461	9,851	18.5	20.8	28.6	32.5
65	Greece	47.3	46.1	113.0	112.8	74,346	68,698	68.6	71.7	68.1	69.1
66	Grenada	25.3	25.0	112.3	111.1	191,597	229,948	48.1	52.4	42.8	44.7
67	Guatemala	10.6	10.1	111.5 ¹⁵	115.3	23,215	24,022	22.2	23.4	17.4	20.5
68	Guinea	0.0	0.0	87.2	85.3	384	589	2.6	2.8	6.4	7.7
69	Guinea-Bissau	0.0	0.0 ¹⁷	69.3 ¹⁶	70.3 ¹⁷	4,013	4,707	2.7	2.8	2.1	2.2
70	Guyana	19.1	18.9	67.2	66.4	28,770	34,675	29.1	31.2	26.1	28.2
71	Haiti	0.1	0.1	68.8	60.5	2,375	2,337	9.4	10.1	4.4	4.7
72	Honduras	5.9	5.2	95.5	91.2	17,497	33,443	23.0	23.5	22.8	24.6
73	Hong Kong, China	59.2	58.7	228.7	234.0	4,741,239	4,906,023	80.4	81.0	79.0	82.0
74	Hungary	31.2	31.5	118.9	119.1	134,830	154,765	75.0	76.4	75.6	78.6
75	Iceland	49.9	48.4	114.0	118.0	725,806	997,830	98.5	98.5	96.5	97.0
76	India	2.0 ¹⁷	1.9 ¹⁸	78.1 ¹⁷	87.0 ¹⁸	5,725 ³	15,956	14.1	15.2	20.0	22.6
77	Indonesia	4.1 ¹⁸	4.0	132.6	149.1	26,988	24,947	18.7	19.1	38.4	47.2
78	Iran (I.R.)	38.3	38.3	93.4	100.1	8,267	15,238	57.4	61.4	55.5	62.2
79	Ireland	40.9 ¹⁹	39.7 ¹⁹	103.7	103.6	188,191	183,943	83.5	84.1	85.0	87.0
80	Israel	43.1 ²⁰	41.6 ²⁰	133.5 ¹⁸	131.7 ¹⁹	143,150	158,696	80.3	81.1	74.3	75.7
81	Italy	33.1 ²¹	33.1 ²¹	143.4 ¹⁹	140.4 ²⁰	70,546	82,335	63.9	64.7	66.2	69.2
82	Jamaica	9.0	11.0	111.5	115.6	36,639	47,949	36.5	39.1	34.6	36.7
83	Japan	50.2	50.6 ²²	126.5 ²⁰	129.8 ²¹	64,180 ⁴	83,010 ¹	79.7	81.0	97.2	97.2
84	Jordan	4.8	4.6	179.4	196.3	24,450	8,229	50.6	53.1	75.9	79.0
85	Kazakhstan	24.7	23.2	156.9	150.0	69,583	87,235	74.2	76.2	82.2	84.4
86	Kenya	0.2 ²²	0.2 ²³	80.7	81.3	87,046	69,014	13.1	14.8	19.6	22.3
87	Kiribati	1.4	0.9	38.8	51.3	2,916	4,426	6.7	7.3	6.3	6.9
88	Korea (Rep.)	58.1	56.1	118.5	122.7	46,894	54,252	77.1	75.3	98.8	99.2
89	Kuwait	13.4	11.0	163.2	146.6	77,395	69,516	82.0	83.5	76.9	77.7
90	Kyrgyzstan	7.1	6.6	132.8	131.4	44,790	65,377	19.5	21.4	16.5	18.8
91	Lao P.D.R.	13.7 ²³	17.7 ²⁴	53.1 ²¹	55.4 ²²	16,795 ⁵	17,487	11.4	12.3	13.4	18.7
92	Latvia	17.5 ²⁴	18.2 ²⁵	127.5 ²²	131.2 ²³	213,210	246,666	76.1	78.0	76.0	77.3
93	Lebanon	20.0	21.0	92.2	96.4	40,913	55,086	76.5	78.1	75.7	77.7
94	Lesotho	1.9	1.9	100.9	106.6	3,311	4,484	7.8	8.2	25.4	27.9
95	Libya	16.8	21.5	154.3	119.8	5,133	5,286	22.0	23.5	20.4	22.0

	Economy	Fixed-telephone subscriptions per 100 inhabitants		Mobile-cellular subscriptions per 100 inhabitants		International Internet bandwidth Bit/s per Internet user		Percentage of households with computer		Percentage of households with Internet	
		2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
		96	Lithuania	18.7	17.8	139.5	140.7	138,946	198,564	67.6	70.5
97	Luxembourg	51.0 ²⁵	50.9	148.5	147.8	7,186,378	8,397,884	95.3	95.9	96.8	96.4
98	Macao, China	25.0 ²⁶	23.9	324.4	332.1 ²⁴	111,931	252,868	79.0	77.9	86.3	88.6
99	Madagascar	1.0	0.6	44.1	41.8	12,420	14,258	5.3	6.2	5.8	7.0
100	Malawi	0.1 ²⁷	0.1	37.9 ²³	40.3	1,631 ⁶	4,201	5.8	6.4	9.1	11.5
101	Malaysia	14.6	14.5	143.9	141.2	34,119	42,627	67.6	72.2	70.1	76.9
102	Maldives	6.1	5.8	206.7	223.0	48,147	59,669	68.5	71.1	49.6	54.7
103	Mali	1.0	1.2	139.6	120.3	344	598	3.3	3.2	8.2	8.9
104	Malta	53.4	54.2	121.5	124.8	1,220,570	1,596,254	81.1	81.6	81.9	81.1
105	Mauritania	1.3	1.3	89.3 ²⁴	86.5 ²⁵	3,785	4,477	4.7	5.0	7.7	11.2
106	Mauritius	30.3	30.7 ²⁶	140.6 ²⁵	144.2 ²⁶	33,896	63,491	57.0	61.2	60.0	63.8
107	Mexico	15.4	15.5 ²⁷	86.0	88.2 ²⁷	29,775	37,598	44.9	45.6	39.2	47.0
108	Moldova	35.0	34.3	108.0 ²⁶	111.0 ²⁸	153,430	144,087	68.0 ³	71.0 ¹	68.0 ¹	76.0 ¹
109	Monaco	128.1	120.7	88.8	86.3	64,287	95,232	84.0	84.1	76.6	78.3
110	Mongolia	8.7	7.6	105.0	113.6	162,429	166,056	42.6	23.6	24.5	23.6
111	Montenegro	24.8	23.8	162.2	167.5	96,835	202,876	56.0	58.2	67.5	69.8
112	Morocco	6.5	6.0	126.9	120.7	18,316	25,702	54.8	54.9	66.5	68.5
113	Mozambique	0.3	0.3	74.2	66.3 ²⁹	1,519	1,115	6.1	6.5	13.2	16.2
114	Myanmar	1.0	0.9	75.7	89.3	5,214	6,426	11.3	13.6	19.7	24.4
115	Namibia	7.6	7.7	106.6	109.2	19,579	15,915	17.7	20.0	24.5	29.5
116	Nepal	3.0 ²⁸	3.0 ²⁸	96.7 ²⁷	111.7 ³⁰	3,200	3,886	8.9	11.2	12.0	15.0
117	Netherlands	41.3	40.3 ²⁹	123.5	130.0 ³¹	177,467	196,105	88.3 ⁴	89.6 ²	90.9 ²	92.2 ²
118	New Zealand	40.2	39.2 ³⁰	121.8	125.0 ³²	63,624	109,601	82.3	86.6	82.8	85.7
119	Nicaragua	5.7 ²⁹	5.8 ³¹	116.1 ²⁸	122.1 ³³	23,871	29,161	11.8	13.1	14.0	16.2
120	Nigeria	0.1	0.1 ³²	82.2	81.8	5,783	11,257	9.8	10.6	12.5	15.2 ³
121	Norway	18.4	16.6 ³³	111.1	110.1 ³⁴	206,668	268,953	96.5	97.6	96.6	97.1
122	Oman	10.5	9.8 ³⁴	159.9	159.2	67,052	66,071	87.5	87.5	84.0	86.1
123	Pakistan	1.9 ³⁰	1.6 ³⁵	66.9 ²⁹	71.4 ³⁵	15,309 ⁷	16,636	15.2	16.1	19.0	22.1
124	Palestine*	8.9	9.3	77.6	76.8	0	0	66.7	70.4	52.4	56.5
125	Panama	15.6 ³¹	15.8 ³⁶	174.2 ³⁰	172.3 ³⁶	38,193	55,072	39.6	42.5	52.7	53.9
126	Paraguay	5.5	5.1	105.4	104.8 ³⁷	16,421	21,015	29.0	30.3	22.7	26.0
127	Peru	9.3	9.7 ³⁷	109.9 ³¹	117.1 ³⁸	31,297	33,315	32.6	33.5	23.2	26.4
128	Philippines	3.2	3.7	115.8	109.2 ³⁹	28,353	43,440	32.5	34.0	36.1	39.1
129	Poland	23.7 ³²	24.5	142.7	146.2	78,216	83,299	77.9	80.1	75.8	80.4
130	Portugal	44.1	45.1	110.4 ³²	109.1 ⁴⁰	148,747	177,808	71.1	72.7	70.2	74.1
131	Qatar	17.6	19.3	159.1	147.1	71,566	86,950	88.3	89.0	95.8	95.8
132	Romania	19.8	19.1 ³⁸	107.1 ³³	106.4 ⁴¹	146,012 ⁸	155,516 ²	68.7	74.0	67.7	72.4
133	Russian Federation	25.0	22.8	160.0	163.3	26,845	51,888	72.5	74.3 ³	72.1	74.8 ⁴
134	Rwanda	0.1 ³³	0.1 ³⁹	70.5	69.9	5,661	7,455	4.0	4.5	6.7	9.3
135	S. Tomé & Príncipe	3.2	2.8 ⁴⁰	91.2	85.3 ⁴²	20,627	37,317	14.9	16.8	16.6	20.0
136	Samoa	5.9 ³⁴	3.7 ⁴¹	62.4 ³⁴	69.2 ⁴³	7,842 ⁹	13,159	22.6	24.0	25.5	29.1
137	Saudi Arabia	12.5	12.0	176.6	157.6	88,669	78,163	67.0	69.0	94.0	94.6
138	Senegal	2.0	1.9	99.9	98.7	5,338	4,977	12.9	15.1	15.7	19.9
139	Serbia	36.5	36.0	120.5	120.6	23,693	26,292	64.4	65.8	63.8	64.7
140	Seychelles	22.8	22.1	158.1	161.2	41,126 ¹⁰	52,433 ³	54.6	56.7	52.4	55.2
141	Singapore	35.9	35.0 ⁴²	146.5 ³⁵	146.9 ⁴⁴	765,829	982,923	87.0	86.6	88.2	91.1
142	Slovakia	15.9	15.1	122.3	128.0	41,269	52,351	80.5	80.9	79.5	80.5
143	Slovenia	36.2	35.1	113.2	114.6	186,317	239,168	77.8	78.1 ⁴	77.6	78.4
144	Solomon Islands	1.3	1.2	72.7	69.9	7,100	11,971	6.7	7.4	6.3	8.5

Economy	Fixed-telephone subscriptions per 100 inhabitants		Mobile-cellular subscriptions per 100 inhabitants		International Internet bandwidth Bit/s per Internet user		Percentage of households with computer		Percentage of households with Internet		
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	
	145	South Africa	7.7	6.6	164.5 ³⁶	142.4 ⁴⁵	147,630	263,030	20.1	24.4	50.0
146	Spain	41.5	41.3	108.2	109.7	87,791	112,997	75.9	77.1	78.7	81.9
147	Sri Lanka	15.2 ³⁵	11.4 ⁴³	110.6	118.5	15,815	22,038	24.2	25.4	18.1	21.1
148	St. Kitts and Nevis	35.7	31.2	131.8	136.9	131,203	165,372	70.8	71.7	70.5	72.6
149	St. Lucia	18.9	18.8	101.5	94.8	7,704	7,558	41.1	43.7	39.7	43.1
150	St. Vincent and the Grenadines	22.7	18.8	103.7	103.0	158,187	188,740	61.8	63.9	49.4	51.0
151	Sudan	0.3 ³⁶	0.3	70.5	68.6	2,189	2,035	17.1	18.0	32.3	33.6
152	Suriname	16.8	16.1	136.8	145.9	3,884	66,533	45.2	46.4	39.1	42.4
153	Sweden	36.7	34.1 ⁴⁴	130.4	126.7 ⁴⁶	421,237	505,650	88.3	88.5	91.0	92.0
154	Switzerland	50.3 ³⁷	48.4 ⁴⁵	136.5 ³⁷	135.6 ⁴⁷	233,990	269,222	88.4	89.3	84.7	86.8
155	Syria	15.9	15.2	64.3	54.2	7,125	12,813	49.9	49.9	42.3	43.6
156	Tanzania	0.3	0.2	75.9	74.4	2,199	1,741	3.9	3.9	5.1	8.5
157	TFYR Macedonia	17.6	17.4 ⁴⁶	98.8	100.7 ⁴⁸	91,492	109,004	68.4	69.8	69.4	70.4
158	Thailand	7.9 ³⁸	7.0	152.7 ³⁸	172.6	55,020	49,244	29.5 ⁵	28.4	52.2	59.8
159	Timor-Leste	0.2	0.2	117.4	125.0	2,010	1,888	14.8	16.2	21.8	23.9
160	Togo	0.7 ³⁹	0.5 ⁴⁷	67.7	74.9	7,310	4,490	6.1	6.8	4.1	7.7
161	Tonga	12.4	10.3	69.1	74.7	17,025 ¹¹	33,947	37.1	38.8	39.5	42.6
162	Trinidad & Tobago	20.1	20.2	157.7	160.6	122,703	182,808	67.9	71.4	65.0	70.9
163	Tunisia	8.4	8.6	129.9	125.8	22,013	31,167	34.5	37.0	30.7	33.0
164	Turkey	15.0	14.3	96.0	96.9	59,034	68,058	55.6	58.0	69.5	76.3
165	Uganda	0.8 ⁴⁰	0.9 ⁴⁸	50.4 ³⁹	55.1 ⁴⁹	4,993 ¹²	5,510	6.7	7.6	7.2	8.9
166	Ukraine	21.6	19.8	144.0	132.6	73,425	79,885	59.2	65.1	50.2	54.8
167	United Arab Emirates	23.6	23.4	187.3	204.0	108,791 ¹³	133,749 ⁴	89.3	91.0	95.4	94.3
168	United Kingdom	52.0	52.2	124.1	122.3	374,554	449,137	89.9	89.8	91.3	91.3
169	United States	38.4 ⁴¹	37.1 ⁴⁹	117.6 ⁴⁰	127.2 ⁵⁰	99,011	126,545	86.8	87.0	81.5	84.0
170	Uruguay	32.3	32.4	150.6 ⁴¹	148.7 ⁵¹	73,151 ¹⁴	96,707 ⁵	68.0	69.5	59.7	61.8
171	Uzbekistan	9.5	11.3	73.3	77.3	2,075	5,683	43.2	43.9	75.4	75.4
172	Vanuatu	1.8	1.6	66.2	71.3	35,468	21,921	21.0	22.6	27.4	29.5
173	Venezuela	24.9 ⁴²	24.4 ⁵⁰	93.0 ⁴²	87.0 ⁵²	16,310	18,937	44.1	42.7	34.7	34.0
174	Viet Nam	7.8	5.9	128.8	128.0	41,300	91,252	22.0	23.5	24.1	25.9
175	Zambia	0.7	0.6	74.5	74.9	3,187	3,925	7.1	8.1	12.7	14.3
176	Zimbabwe	2.2	2.0	84.8	83.2	4,590	9,119	11.8	12.9	21.6	22.1

Note: Data in italics are ITU estimates. *Palestine is not an ITU Member State; the status of Palestine in ITU is the subject of Resolution 99 (Rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: ITU World Telecommunication/ICT Indicators database.

Use indicators

Economy	Percentage of individuals using the Internet		Fixed-broadband subscriptions per 100 inhabitants		Active mobile-broadband subscriptions per 100 inhabitants	
	2015	2016	2015	2016	2015	2016
1 Afghanistan	8.3	10.6	0.0	0.0	6.0	14.3
2 Albania	63.3	66.4	7.6	8.2	40.6	52.6
3 Algeria	38.2	42.9	5.6 ¹	6.9	40.2 ¹	46.8
4 Andorra	96.9	97.9	37.9	39.8	42.1	47.8
5 Angola	12.4	13.0	0.7	0.5 ¹	19.3	17.1
6 Antigua & Barbuda	70.0	73.0	10.9	10.0	33.8	44.2
7 Argentina	68.0	70.2	16.3	16.9	78.4 ²	80.5
8 Armenia	59.1	62.0	9.6	10.1	40.3	53.9
9 Australia	84.6 ¹	88.2	28.5 ²	30.4 ²	126.5 ³	130.2 ¹
10 Austria	83.9 ²	84.3	28.7	29.4	70.5	88.3
11 Azerbaijan	77.0 ³	78.2	19.8	18.6	60.9	57.4
12 Bahamas	78.0	80.0	20.9	22.0 ³	47.1	51.2
13 Bahrain	93.5 ⁴	98.0	18.6	16.8	131.8	162.1
14 Bangladesh	14.4	18.2	3.1	3.8 ⁴	15.7	17.8 ²
15 Barbados	76.1	79.5	27.2	30.1	54.9	59.3
16 Belarus	67.3 ⁵	71.1	31.4	33.3	61.8	69.5
17 Belgium	85.1 ⁶	86.5 ¹	36.8	38.0	62.1	66.7
18 Belize	41.6	44.6	5.0 ³	6.2	12.1 ⁴	13.8
19 Benin	11.3	12.0	0.7	0.8	4.2	5.6
20 Bhutan	39.8	41.8	3.6	3.9 ⁵	46.7 ⁵	47.9 ³
21 Bolivia	35.6	39.7	1.6	2.6	33.8 ⁶	57.6 ⁴
22 Bosnia and Herzegovina	65.1	69.3	16.6	17.4	33.5	37.4
23 Botswana	37.3	39.4	1.8	2.8 ⁶	67.6	67.9 ⁵
24 Brazil	58.3	59.7	12.2 ⁴	13.0	88.6	89.5
25 Brunei Darussalam	71.2	75.0	8.0	8.3	94.9	116.6
26 Bulgaria	56.7 ⁷	59.8	22.7 ⁵	23.3 ⁷	81.3	88.4 ⁶
27 Burkina Faso	11.4	14.0	0.0	0.0 ⁸	15.3	19.9
28 Burundi	4.9	5.2	0.0	0.0 ⁸	7.6	8.3 ⁷
29 Cambodia	19.0	25.6	0.5	0.6	42.8	50.2
30 Cameroon	20.7	25.0	0.1	0.2 ⁹	4.3	9.6
31 Canada	88.5	89.8	36.3	37.3	61.4	66.1 ⁸
32 Cape Verde	48.0	48.2	3.3	3.0	69.6	70.0
33 Central African Rep.	3.8	4.0	0.0	0.0	2.6 ⁷	3.3
34 Chad	3.5	5.0	0.1 ⁶	0.1	1.4 ⁸	9.5
35 Chile	64.3	66.0	15.2	16.0	56.1	69.0
36 China	50.3 ⁸	53.2	19.8	22.9	55.5	66.8
37 Colombia	55.9 ⁹	58.1	11.2 ⁷	11.8 ¹⁰	41.0 ⁹	45.5 ⁹
38 Comoros	7.5	7.9	0.3	0.4	0.0	0.0
39 Congo (Dem. Rep.)	3.8	6.2	0.0	0.0	8.5	14.2
40 Costa Rica	59.8 ¹⁰	66.0	11.2	11.6	97.2	109.5
41 Côte d'Ivoire	21.9	26.5	0.5	0.6	40.4	47.5
42 Croatia	69.8 ¹¹	72.7	23.2	24.6	73.1	79.7
43 Cuba	37.3 ¹²	38.8	0.1	0.1	0.0	0.0
44 Cyprus	71.7 ¹³	75.9	30.9	33.0	75.7	97.5
45 Czech Republic	75.7 ¹⁴	76.5 ²	27.3 ⁸	27.7 ¹¹	72.0	76.0 ¹⁰

Economy		Percentage of individuals using the Internet		Fixed-broadband subscriptions per 100 inhabitants		Active mobile-broadband subscriptions per 100 inhabitants	
		2015	2016	2015	2016	2015	2016
46	Denmark	96.3 ¹⁵	97.0	42.5 ⁹	42.8 ¹²	117.6	124.2
47	Djibouti	11.9	13.1	2.7	3.0	5.6	11.6
48	Dominica	65.0	67.0	20.9	21.2	42.2	41.0
49	Dominican Rep.	54.2 ¹⁶	61.3	6.4	6.5	39.6	49.2
50	Ecuador	48.9 ¹⁷	54.1	9.7 ¹⁰	9.7	35.1	47.2
51	Egypt	37.8 ¹⁸	39.2	4.5	5.2	50.7	52.6
52	El Salvador	26.8	29.0	5.5	6.0 ¹³	19.9	28.5
53	Equatorial Guinea	21.3	23.8	0.5	0.5	0.0 ¹⁰	0.1
54	Eritrea	1.1	1.2	0.0	0.0	0.0	0.0
55	Estonia	88.4 ¹⁹	87.2	30.0	31.1	112.9	125.0
56	Ethiopia	11.6	15.4	0.5	0.6	3.7 ¹¹	5.3
57	Fiji	42.5	46.5	1.4	1.4	48.2	54.3
58	Finland	86.4 ²⁰	87.7 ³	31.7	31.2	144.0	153.0
59	France	84.7 ²¹	85.6	41.3	42.4	74.7	81.7
60	Gabon	45.8	48.1	0.6	0.7	36.3	66.1
61	Gambia	16.5	18.5	0.2	0.2	13.5	21.3
62	Georgia	47.6 ²²	50.0	14.7	15.8	50.5 ¹²	57.7
63	Germany	87.6 ²³	89.6	37.2	38.1 ¹⁴	70.8	80.2
64	Ghana	31.4	34.7	0.3	0.3	66.8	71.3
65	Greece	66.8 ²⁴	69.1	30.9 ¹¹	32.5	45.6	51.3
66	Grenada	53.8	55.9	18.5	19.4	28.8	32.9
67	Guatemala	28.8	34.5	2.8	3.0	10.1 ¹³	13.9
68	Guinea	8.2	9.8	0.0	0.0	13.9	15.0
69	Guinea-Bissau	3.5	3.8	0.1 ¹²	0.0 ¹⁵	0.0	6.9
70	Guyana	34.0	35.7	6.6	7.6	0.2	0.2
71	Haiti	12.2	12.2	0.0	0.0	0.2	10.3
72	Honduras	27.6	30.0	2.3	2.6	17.2 ¹⁴	22.5 ¹¹
73	Hong Kong, China	84.9 ²⁵	87.3	32.1	35.5	107.2	105.9
74	Hungary	72.8 ²⁶	79.3	27.4	28.5	39.8	44.5
75	Iceland	98.2	98.2	37.0	37.6	93.4	104.0
76	India	26.0	29.5	1.3 ¹³	1.4 ¹⁶	9.4 ¹⁵	16.8 ¹²
77	Indonesia	22.0 ²⁷	25.4	1.6	1.9	42.0	67.3
78	Iran (I.R.)	45.3 ²⁸	53.2	10.9	11.6	20.0	33.8
79	Ireland	80.1 ²⁹	82.2 ⁴	27.7	28.5	95.0 ¹⁶	98.2 ¹³
80	Israel	77.4 ³⁰	79.8	27.4 ¹⁴	28.1 ¹⁷	84.6	93.4 ¹⁴
81	Italy	58.1 ³¹	61.3 ⁵	24.4 ¹⁵	25.4 ¹⁸	82.1 ¹⁷	86.7 ¹⁵
82	Jamaica	42.2 ³²	45.0	8.1	10.1	53.5	56.2
83	Japan	91.1	92.0	30.7	31.5 ¹⁹	128.3 ¹⁸	131.9 ¹⁶
84	Jordan	60.1	62.3	4.2	5.8	98.4	118.8
85	Kazakhstan	72.9 ³³	76.8	13.7	13.7 ²⁰	73.1	71.0
86	Kenya	21.0	26.0	0.3	0.3	15.5	26.2
87	Kiribati	13.0	13.7	0.1	0.1	0.3	0.9
88	Korea (Rep.)	89.6 ³⁴	92.7	40.2	41.1	109.7	111.5
89	Kuwait	77.5	78.4	1.5	2.8	52.5	66.8
90	Kyrgyzstan	30.2	34.5	3.7	4.1	31.0	46.1
91	Lao P.D.R.	18.2	21.9	0.5 ¹⁶	0.3 ²¹	14.2 ¹⁹	34.7 ¹⁷
92	Latvia	79.2 ³⁵	79.9	24.8 ¹⁷	25.6 ²²	67.0 ²⁰	77.0 ¹⁸

Economy		Percentage of individuals using the Internet		Fixed-broadband subscriptions per 100 inhabitants		Active mobile-broadband subscriptions per 100 inhabitants	
		2015	2016	2015	2016	2015	2016
93	Lebanon	74.0	76.1	25.4	25.6	57.7	67.2
94	Lesotho	25.0	27.4	0.1	0.1	39.2	36.9
95	Libya	19.0	20.3	1.0	2.6	31.8	34.9
96	Lithuania	71.4 ³⁶	74.4	27.8 ¹⁸	28.7 ²³	67.6	76.8 ¹⁹
97	Luxembourg	97.3 ³⁷	97.5	35.9 ¹⁹	36.7	87.8	90.2
98	Macao, China	77.6 ³⁸	81.6	29.1	30.0 ²⁴	324.4	332.1 ²⁰
99	Madagascar	4.2	4.7	0.1	0.1	13.2	10.5
100	Malawi	9.3	9.6	0.0	0.0	16.2	18.5
101	Malaysia	71.1 ³⁹	78.8	10.0	8.7	90.6 ²¹	91.7
102	Maldives	54.5	59.1	6.5	7.2	63.6 ²²	72.7 ²¹
103	Mali	10.3	11.1	0.0	0.0	18.8 ²³	24.4
104	Malta	76.2 ⁴⁰	77.3	37.8	39.6	62.6	71.4
105	Mauritania	15.2	18.0	0.2	0.3	23.1	30.2 ²²
106	Mauritius	50.1 ⁴¹	53.2	15.7 ²⁰	16.9 ²⁵	37.0 ²⁴	51.7 ²³
107	Mexico	57.4 ⁴²	59.5	11.8	12.7 ²⁶	51.0	58.8 ²⁴
108	Moldova	63.3	71.0	15.5	16.3	51.9	55.5
109	Monaco	93.4	95.2	47.9	48.2	67.1 ²⁵	64.8 ²⁵
110	Mongolia	21.4 ⁴³	22.3	7.1	7.6	76.0	82.0
111	Montenegro	68.1 ⁴⁴	69.9	18.1	18.5	58.2	60.7
112	Morocco	57.1 ⁴⁵	58.3	3.4	3.7	39.3	46.0
113	Mozambique	16.9	17.5	0.2	0.1 ²⁷	44.9 ²⁶	49.5
114	Myanmar	21.7	25.1	0.1	0.1	33.5 ²⁷	47.6
115	Namibia	25.7	31.0	1.9	2.2	35.8	66.1
116	Nepal	17.6	19.7	1.1 ²¹	0.8 ²⁸	26.4 ²⁸	30.8
117	Netherlands	91.7 ⁴⁶	90.4 ⁶	41.7	42.2 ²⁹	81.6	87.8 ²⁶
118	New Zealand	88.2	88.5	31.6 ²²	32.4 ³⁰	114.2	101.3 ²⁷
119	Nicaragua	19.7	24.6	1.9 ²³	2.8 ³¹	7.2	22.8
120	Nigeria	24.5	25.7	0.0	0.0	21.0	21.8
121	Norway	96.8 ⁴⁷	97.3	39.7	40.4 ³²	100.2	101.8 ²⁸
122	Oman	66.1	69.8	5.6 ²⁴	6.2	78.3	91.3
123	Pakistan	14.0	15.5	1.0 ²⁵	0.9 ³³	13.0 ²⁹	20.1 ²⁹
124	Palestine*	57.4	61.2	6.0	6.9	0.0	0.0
125	Panama	51.2 ⁴⁸	54.0	7.9 ²⁶	9.5 ³⁴	32.7	29.7
126	Paraguay	48.4 ⁴⁹	51.3	3.1 ²⁷	3.4 ³⁵	39.2 ³⁰	41.7 ³⁰
127	Peru	40.9 ⁵⁰	45.5	6.4	6.7	55.0 ³¹	62.0 ³¹
128	Philippines	53.7	55.5	4.8 ²⁸	5.5	41.6	46.3
129	Poland	68.0 ⁵¹	73.3 ⁷	19.0 ²⁹	19.2	57.4 ³²	58.9
130	Portugal	68.6 ⁵²	70.4	29.6	31.8	52.0	61.1
131	Qatar	92.9 ⁵³	94.3	10.1	10.8	120.5	129.2
132	Romania	55.8 ⁵⁴	59.5	19.8 ³⁰	20.7 ³⁶	63.7 ³³	73.7 ³²
133	Russian Federation	73.4 ⁵⁵	76.4 ⁸	18.9	19.5	71.2	75.0
134	Rwanda	18.0	20.0	0.2	0.2	25.9	27.0
135	S. Tomé & Príncipe	25.8	28.0	0.6	0.7 ³⁷	17.7	24.0 ³³
136	Samoa	25.4	29.4	1.1 ³¹	1.2 ³⁸	9.6 ³⁴	26.6 ³⁴
137	Saudi Arabia	69.6 ⁵⁶	73.8	11.9 ³²	10.8	111.7	78.5
138	Senegal	21.7	25.7	0.7	0.6	26.4	26.1
139	Serbia	65.3 ⁵⁷	67.1	17.4	18.9	66.9	67.4

Economy	Percentage of individuals using the Internet		Fixed-broadband subscriptions per 100 inhabitants		Active mobile-broadband subscriptions per 100 inhabitants	
	2015	2016	2015	2016	2015	2016
140 Seychelles	54.3	56.5	14.3	14.9	19.1	22.6
141 Singapore	79.0	81.0	26.5	25.4 ³⁹	143.2 ³⁵	144.6 ³⁵
142 Slovakia	77.6 ⁵⁸	80.5 ⁹	23.3	24.5	67.5	78.7
143 Slovenia	73.1 ⁵⁹	75.5	27.4	28.3	52.0	62.3
144 Solomon Islands	10.0	11.0	0.2	0.2	11.4 ³⁶	12.9
145 South Africa	51.9	54.0	2.6	2.8	59.5	58.6
146 Spain	78.7 ⁶⁰	80.6	28.7	29.5	82.7	87.3
147 Sri Lanka	30.0	32.1	2.9	4.1	15.8	18.3
148 St. Kitts and Nevis	75.7	76.8	29.6	29.3	71.0	77.1
149 St. Lucia	42.5	46.7	15.4	15.9	33.6	37.0
150 St. Vincent and the Grenadines	51.8	55.6	15.5	20.0	39.0	49.4
151 Sudan	26.6	28.0	0.1	0.1	29.4	25.2
152 Suriname	42.8	45.4	9.6	12.9	66.6	69.6
153 Sweden	90.6 ⁶¹	91.5	36.1	36.3 ⁴⁰	122.1	125.2 ³⁶
154 Switzerland	87.5 ⁶²	89.4	45.1 ³³	46.3 ⁴¹	102.0 ³⁷	103.7 ³⁷
155 Syria	30.0	31.9	3.1	4.0	10.5	10.4
156 Tanzania	10.0	13.0	0.2	0.3	9.0	9.2
157 TFYR Macedonia	70.4 ⁶³	72.2	17.2	17.9 ⁴²	53.5	59.0 ³⁸
158 Thailand	39.3 ⁶⁴	47.5	9.2 ³⁴	10.7	88.6 ³⁸	94.7
159 Timor-Leste	23.0	25.2	0.1	0.1	37.5	64.6
160 Togo	7.1	11.3	0.9 ³⁵	0.6 ⁴³	6.0	19.6
161 Tonga	38.7	40.0	2.3	2.8	50.0	56.0
162 Trinidad & Tobago	69.2	73.3	20.0	18.9	32.9	47.3
163 Tunisia	48.5	50.9	5.1	5.6	61.9	63.0
164 Turkey	53.7 ⁶⁵	58.3	12.4	13.6	50.9	66.8
165 Uganda	17.8	21.9	0.2 ³⁶	0.3 ⁴⁴	18.3 ³⁹	33.7 ³⁹
166 Ukraine	48.9 ⁶⁶	52.5	11.8	12.0	8.1	22.6
167 United Arab Emirates	90.5	90.6 ¹⁰	12.9	13.3	130.9 ⁴⁰	156.7
168 United Kingdom	92.0 ⁶⁷	94.8	38.6	39.2	87.5 ⁴¹	91.4
169 United States	74.6 ⁶⁸	76.2	31.4 ³⁷	32.4 ⁴⁵	115.5 ⁴²	120.0 ⁴⁰
170 Uruguay	64.6 ⁶⁹	66.4	26.3 ³⁸	26.8	77.7 ⁴³	102.0 ⁴¹
171 Uzbekistan	42.8	46.8	6.0	9.1	44.0	55.9
172 Vanuatu	22.4	24.0	1.6 ³⁹	1.6	18.9 ⁴⁴	22.3 ⁴²
173 Venezuela	61.9	60.0	8.2 ⁴⁰	8.2 ⁴⁶	43.0 ⁴⁵	44.6 ⁴³
174 Viet Nam	43.5	46.5	8.2	9.9	38.3	46.6
175 Zambia	21.0	25.5	0.2 ⁴¹	0.2	13.8	32.2
176 Zimbabwe	22.7	23.1	1.1	1.1	39.0	38.1

Note: Data in italics are ITU estimates. *Palestine is not an ITU Member State; the status of Palestine in ITU is the subject of Resolution 99 (Rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: ITU World Telecommunication/ICT Indicators database.

Skills indicators

Economy	Gross enrolment ratio				Mean years of schooling		
	Secondary		Tertiary		2015	2016	
	2015	2016	2015	2016			
1	Afghanistan	54.3	55.6	3.7	8.7	3.2	3.6
2	Albania	96.4	95.8	62.7	58.1	9.3	9.6
3	Algeria	97.6	99.9	34.6	36.9	7.6	7.8
4	Andorra	130.8	130.8	84.6	84.6	10.3	10.3
5	Angola	31.5	28.9	9.9	9.9	4.7	5.0
6	Antigua & Barbuda	102.3	102.7	23.5	23.5	9.2	9.2
7	Argentina	106.3	106.8	80.0	82.9	9.8	9.9
8	Armenia	95.9	88.5	46.6	44.3	10.9	11.3
9	Australia	137.6	137.6	86.6	90.3	13.0	13.2
10	Austria	99.3	100.0	80.0	81.5	10.8	11.3
11	Azerbaijan	102.8	102.8	23.2	25.5	10.6	11.2
12	Bahamas	92.9	92.6	57.1	57.1	10.9	10.9
13	Bahrain	95.5	99.4	36.8	37.4	9.4	9.4
14	Bangladesh	58.3	63.5	13.2	13.4	5.1	5.2
15	Barbados	109.2	109.2	60.8	65.4	10.5	10.5
16	Belarus	107.0	107.1	88.9	87.9	12.0	12.0
17	Belgium	163.1	164.8	72.3	73.3	11.4	11.4
18	Belize	80.2	80.8	24.2	23.3	10.5	10.5
19	Benin	54.4	56.8	15.4	15.4	3.3	3.5
20	Bhutan	84.2	84.2	10.9	10.9	3.0	3.1
21	Bolivia	84.7	86.4	37.7	37.7	8.2	8.2
22	Bosnia and Herzegovina	89.3	89.3	37.7	37.7	9.2	9.0
23	Botswana	83.9	81.4	27.5	27.5	8.9	9.2
24	Brazil	105.8	102.0	25.6	49.3	7.7	7.8
25	Brunei Darussalam	99.1	96.1	31.7	30.8	8.8	9.0
26	Bulgaria	100.9	99.0	70.8	73.9	10.6	10.8
27	Burkina Faso	30.3	33.7	4.8	4.8	1.4	1.4
28	Burundi	37.9	42.5	4.4	4.4	2.7	3.0
29	Cambodia	45.0	45.1	15.8	13.1	4.4	4.7
30	Cameroon	56.4	58.1	11.9	17.5	6.0	6.1
31	Canada	103.4	109.9	66.6	66.6	13.0	13.1
32	Cape Verde	92.6	92.9	23.0	21.7	4.7	4.8
33	Central African Rep.	17.4	17.4	2.8	2.8	4.2	4.2
34	Chad	22.8	22.4	3.4	3.4	1.9	2.3
35	Chile	100.5	100.6	83.8	88.6	9.8	9.9
36	China	96.2	94.3	30.2	43.4	7.5	7.6
37	Colombia	93.0	98.1	51.3	55.6	7.3	7.6
38	Comoros	59.3	60.4	8.7	8.9	4.8	4.8
39	Congo (Dem. Rep.)	43.5	43.5	6.6	6.6	6.0	6.1
40	Costa Rica	120.3	123.1	53.0	53.6	8.7	8.7
41	Côte d'Ivoire	40.1	43.9	8.7	9.2	4.3	5.0
42	Croatia	98.4	99.0	61.6	69.5	11.0	11.2
43	Cuba	99.7	100.4	41.0	36.3	11.5	11.8
44	Cyprus	99.4	99.8	53.1	60.1	11.7	11.7
45	Czech Republic	104.4	105.1	65.4	66.0	12.3	12.3
46	Denmark	129.8	129.9	81.2	81.5	12.7	12.7

Economy	Gross enrolment ratio				Mean years of schooling		
	Secondary		Tertiary		2015	2016	
	2015	2016	2015	2016			
47	Djibouti	47.1	48.3	4.9	5.0	3.8	4.1
48	Dominica	96.7	100.5	34.2	34.2	7.9	7.9
49	Dominican Rep.	78.4	77.8	47.5	47.5	7.7	7.7
50	Ecuador	104.2	107.2	40.5	40.5	7.6	8.3
51	Egypt	86.0	86.1	30.3	36.2	6.6	7.1
52	El Salvador	78.1	81.1	29.2	28.9	6.5	6.5
53	Equatorial Guinea	28.2	27.4	3.3	3.2	5.5	5.5
54	Eritrea	34.8	30.5	2.3	2.6	3.9	3.9
55	Estonia	108.6	115.2	72.9	69.6	12.5	12.5
56	Ethiopia	28.9	37.7	6.3	8.1	2.4	2.6
57	Fiji	88.3	88.7	16.1	16.1	9.9	10.5
58	Finland	143.2	149.5	91.1	87.3	10.3	11.2
59	France	110.9	110.6	62.1	64.4	11.4	11.6
60	Gabon	53.9	53.3	8.5	8.4	7.8	8.1
61	Gambia	57.5	57.5	3.4	3.1	2.8	3.3
62	Georgia	99.4	103.7	39.2	43.4	12.3	12.2
63	Germany	102.5	102.7	61.1	68.3	13.5	13.2
64	Ghana	71.0	71.0	15.6	15.9	7.0	6.9
65	Greece	108.2	106.5	110.2	113.9	10.5	10.5
66	Grenada	101.1	99.2	52.8	91.1	8.6	8.6
67	Guatemala	63.5	63.5	18.3	18.3	7.0	6.3
68	Guinea	38.8	38.8	10.8	10.8	2.4	2.6
69	Guinea-Bissau	34.5	32.6	2.6	2.5	2.8	2.9
70	Guyana	101.0	89.3	12.9	12.5	8.5	8.4
71	Haiti	29.4	29.4	6.5	6.5	5.1	5.2
72	Honduras	68.4	70.8	21.2	21.2	6.2	6.2
73	Hong Kong, China	100.6	100.8	68.8	68.5	11.2	11.6
74	Hungary	108.2	105.2	57.0	50.9	11.6	12.0
75	Iceland	112.0	118.6	81.4	81.3	10.6	12.2
76	India	68.9	74.3	23.9	25.5	5.4	6.3
77	Indonesia	82.5	82.5	31.3	31.1	7.6	7.9
78	Iran (I.R.)	88.4	89.2	66.0	71.9	8.2	8.8
79	Ireland	126.5	127.2	73.2	77.6	12.2	12.3
80	Israel	101.5	101.9	66.3	66.2	12.8	12.8
81	Italy	102.4	102.6	63.5	63.1	10.1	10.9
82	Jamaica	83.0	82.1	27.4	27.2	9.7	9.6
83	Japan	101.9	101.7	62.4	63.4	11.5	12.5
84	Jordan	87.8	82.4	46.6	44.9	9.9	10.1
85	Kazakhstan	109.1	112.0	46.0	46.3	11.4	11.7
86	Kenya	67.0	67.6	4.0	4.0	6.3	6.3
87	Kiribati	86.4	87.1	17.0	17.0	7.8	7.8
88	Korea (Rep.)	97.7	97.7	95.3	95.3	11.9	12.2
89	Kuwait	92.5	95.0	27.0	27.0	7.2	7.3
90	Kyrgyzstan	90.8	90.8	47.3	45.9	10.6	10.8
91	Lao P.D.R.	57.2	61.7	17.3	16.9	5.0	5.2
92	Latvia	110.5	115.4	67.0	67.0	11.5	11.7
93	Lebanon	68.2	61.2	42.8	38.5	7.9	8.6
94	Lesotho	52.2	53.8	9.8	9.8	5.9	6.1

Economy	Gross enrolment ratio				Mean years of schooling		
	Secondary		Tertiary		2015	2016	
	2015	2016	2015	2016			
95	Libya	101.6	101.6	61.1	61.1	7.3	7.3
96	Lithuania	105.4	106.8	72.0	68.5	12.7	12.7
97	Luxembourg	102.4	102.3	19.7	19.4	11.7	12.0
98	Macao, China	96.1	96.5	69.4	75.6	7.5	9.8
99	Madagascar	38.4	38.4	4.2	4.8	6.0	6.1
100	Malawi	39.5	43.4	0.8	0.8	4.3	4.4
101	Malaysia	71.1	77.6	38.5	26.1	10.0	10.1
102	Maldives	72.3	69.8	13.2	16.2	5.8	6.2
103	Mali	43.5	41.3	7.5	6.9	2.0	2.3
104	Malta	85.5	85.8	45.1	47.0	11.3	11.3
105	Mauritania	29.9	30.6	5.5	5.3	3.8	4.3
106	Mauritius	97.9	95.7	38.7	36.7	8.5	9.1
107	Mexico	87.0	90.5	29.2	29.9	8.4	8.6
108	Moldova	88.3	86.1	41.3	41.2	11.9	11.9
109	Monaco	109.7	109.7	54.9	54.9	11.4	11.4
110	Mongolia	90.7	91.5	64.3	68.6	9.3	9.8
111	Montenegro	90.3	90.3	55.5	55.3	11.2	11.3
112	Morocco	68.9	69.1	24.6	28.1	4.4	5.0
113	Mozambique	24.5	32.4	6.0	6.0	3.2	3.5
114	Myanmar	51.3	51.3	13.4	13.5	4.1	4.7
115	Namibia	64.8	64.8	9.3	9.3	6.2	6.7
116	Nepal	67.2	69.6	15.8	14.9	3.3	4.1
117	Netherlands	130.7	132.3	77.3	78.5	11.9	11.9
118	New Zealand	117.2	117.5	79.7	80.9	12.5	12.5
119	Nicaragua	68.9	74.2	17.9	17.7	6.0	6.5
120	Nigeria	43.8	55.7	10.4	10.1	5.9	6.0
121	Norway	113.0	113.0	76.1	76.7	12.8	12.7
122	Oman	93.5	104.2	28.1	28.1	8.0	8.1
123	Pakistan	41.6	44.5	10.4	9.9	4.7	5.1
124	Palestine*	82.2	83.0	44.0	44.3	8.9	8.9
125	Panama	75.5	75.5	38.7	38.7	9.3	9.9
126	Paraguay	69.6	76.6	34.5	35.1	8.1	8.1
127	Peru	95.6	95.7	42.6	40.5	9.0	9.0
128	Philippines	88.4	88.4	35.8	35.8	8.9	9.3
129	Poland	108.7	108.7	71.2	71.2	11.9	11.9
130	Portugal	119.7	116.4	66.2	65.6	8.9	8.9
131	Qatar	111.6	109.4	15.8	17.2	9.8	9.8
132	Romania	97.9	92.3	52.2	53.2	10.6	10.8
133	Russian Federation	98.8	100.6	78.0	78.7	12.0	12.0
134	Rwanda	40.2	39.1	7.5	7.5	3.7	3.8
135	S. Tomé & Príncipe	84.9	86.2	9.8	13.4	5.3	5.3
136	Samoa	86.9	85.0	7.5	7.6	10.3	10.3
137	Saudi Arabia	108.3	108.3	61.1	63.1	8.7	9.6
138	Senegal	41.0	49.6	7.6	10.4	2.5	2.8
139	Serbia	94.3	96.7	58.1	58.3	10.8	10.8
140	Seychelles	74.6	81.6	6.5	14.3	9.4	9.4
141	Singapore	97.2	97.2	43.8	69.8	11.6	11.6
142	Slovakia	91.8	91.9	54.4	52.9	12.1	12.2

Economy	Gross enrolment ratio				Mean years of schooling		
	Secondary		Tertiary		2015	2016	
	2015	2016	2015	2016			
143	Slovenia	110.9	110.7	85.2	82.9	12.1	12.1
144	Solomon Islands	48.4	48.4	16.2	16.2	5.0	5.3
145	South Africa	98.2	92.0	19.7	19.4	10.3	10.3
146	Spain	131.1	129.8	87.1	89.7	9.8	9.8
147	Sri Lanka	99.7	99.7	20.7	19.8	10.8	10.9
148	St. Kitts and Nevis	91.5	90.4	79.1	79.6	8.4	8.4
149	St. Lucia	86.5	85.1	16.9	16.8	9.3	9.3
150	St. Vincent and the Grenadines	104.7	106.4	18.2	18.2	8.6	8.6
151	Sudan	40.7	42.7	16.9	16.3	3.1	3.5
152	Suriname	78.5	81.1	12.1	12.7	7.7	8.3
153	Sweden	128.5	132.9	63.4	62.4	12.3	12.3
154	Switzerland	96.3	99.8	56.3	57.2	13.8	13.4
155	Syria	50.5	50.5	34.5	44.0	6.3	5.1
156	Tanzania	32.3	32.3	3.6	3.6	5.1	5.8
157	TFYR Macedonia	82.8	78.6	39.4	39.6	9.3	9.4
158	Thailand	86.2	129.0	51.4	48.9	7.3	7.9
159	Timor-Leste	73.1	76.8	17.7	18.1	4.4	4.4
160	Togo	54.9	54.7	10.1	10.6	4.5	4.7
161	Tonga	90.6	90.1	6.3	6.3	10.7	11.1
162	Trinidad & Tobago	85.5	85.5	12.0	12.0	10.9	10.9
163	Tunisia	90.1	88.2	34.6	34.6	6.8	7.1
164	Turkey	114.6	100.3	79.0	86.3	7.9	7.9
165	Uganda	27.6	26.1	9.1	4.5	5.4	5.7
166	Ukraine	99.2	99.2	82.3	82.3	11.3	11.3
167	United Arab Emirates	83.6	83.6	22.0	22.0	9.5	9.5
168	United Kingdom	124.4	127.8	56.9	56.5	13.3	13.3
169	United States	95.9	97.6	88.8	85.8	13.6	13.2
170	Uruguay	90.3	95.1	63.2	63.1	8.6	8.6
171	Uzbekistan	105.2	95.9	8.9	9.1	10.9	12.0
172	Vanuatu	59.5	54.0	4.7	4.7	6.8	6.8
173	Venezuela	91.6	89.7	78.1	77.0	8.9	9.4
174	Viet Nam	77.2	77.2	30.5	28.8	7.5	8.0
175	Zambia	45.5	45.5	2.4	2.2	6.6	6.9
176	Zimbabwe	47.2	47.6	5.9	8.4	7.3	7.7

Note: Note: *Palestine is not an ITU Member State; the status of Palestine in ITU is the subject of Resolution 99 (rev. Busan, 2014) of the ITU Plenipotentiary Conference.

Source: Gross enrolment ratio refer to latest available data from UIS. Mean years of schooling data are from UNDP HDR and UIS.