

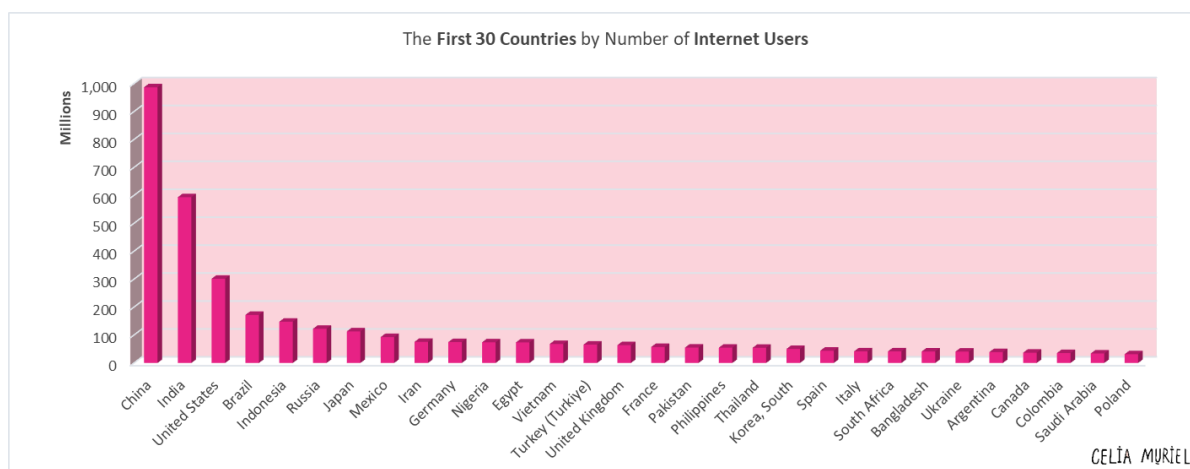
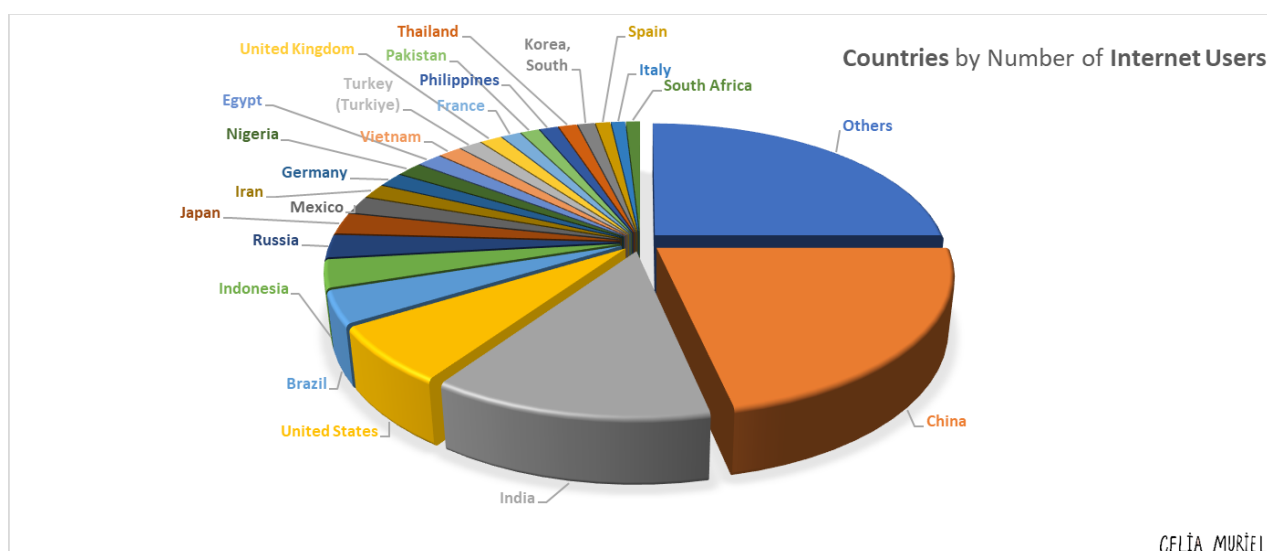
Use of the Internet across the world

Details of the use of the Internet across the world, which I discussed in the blog post [What you do online is nobody's business](#).

Internet Users

The number of internet users comes from a [country comparison of Internet users](#) in the CIA The World Factbook (accessed on October 19th, 2022). These numbers are a very rough estimate. As the site explains:

"Internet users" compares the number of users within a country that access the Internet. Statistics vary from country to country and may include users who access the Internet at least several times a week to those who access it only once within several months.



Country/Territory	Num. Internet Users	Date of Information
China	987,000,000	2020 est.
India	593,400,000	2020 est.
United States	301,665,983	2020 est.
Brazil	172,173,121	2020 est.
Indonesia	147,702,755	2020 est.
Russia	122,488,468	2020 est.
Japan	113,252,419	2020 est.
Mexico	92,831,582	2020 est.
Iran	75,594,081	2020 est.
Germany	74,844,784	2020 est.
Nigeria	74,210,251	2020 est.
Egypt	73,680,770	2020 est.
Vietnam	68,137,008	2020 est.
Turkey (Turkiye)	65,784,472	2020 est.
United Kingdom	63,854,528	2020 est.
France	57,272,921	2020 est.
Pakistan	55,223,083	2020 est.
Philippines	54,790,543	2020 est.
Thailand	54,443,983	2020 est.
South Korea	50,281,152	2020 est.
Spain	44,047,980	2020 est.
Italy	41,614,669	2020 est.
South Africa	41,516,083	2020 est.
Bangladesh	41,172,346	2020 est.
Ukraine	40,912,381	July 2022 est.
Argentina	39,024,016	2020 est.
Canada	36,896,088	2020 est.
Colombia	35,618,019	2020 est.
Saudi Arabia	34,117,590	2020 est.
Poland	31,456,228	2020 est.
Morocco	31,004,869	2020 est.
Malaysia	29,129,398	2020 est.
Algeria	27,626,157	2020 est.
Ethiopia	27,591,260	2020 est.
Iraq	24,133,502	2020 est.
Australia	23,123,940	2020 est.
Peru	21,431,700	2020 est.
Taiwan	21,158,750	2019 est.
Venezuela	20,531,397	2019 est.
Burma	19,043,428	2020 est.
Ghana	18,022,308	2020 est.
Uzbekistan	17,161,534	July 2022 est.
Chile	16,822,264	2020 est.



Country/Territory	Num. Internet Users	Date of Information
Kazakhstan	16,465,777	July 2022 est.
Kenya	16,131,390	2020 est.
Netherlands	15,871,765	2020 est.
Romania	15,020,866	2020 est.
Tanzania	13,141,527	2020 est.
Democratic Republic of the Congo	12,538,597	2020 est.
Sudan	12,277,795	2020 est.
Angola	11,831,857	2020 est.
Ecuador	11,467,989	2020 est.
Nepal	11,071,987	2020 est.
Belgium	10,620,701	2020 est.
Cameroon	10,087,428	2020 est.
United Arab Emirates	9,890,400	2020 est.
Sweden	9,835,769	2020 est.
Cote d'Ivoire	9,496,179	2020 est.
Czechia	9,323,428	July 2022 est.
Uganda	9,148,200	2020 est.
Azerbaijan	8,745,304	2022 est.
Hungary	8,588,776	July 2022 est.
Tunisia	8,509,405	2020 est.
Guatemala	8,429,167	2020 est.
Cuba	8,381,696	2020 est.
Dominican Republic	8,352,886	2020 est.
Greece	8,346,434	2020 est.
Israel	8,293,590	2020 est.
Switzerland	8,118,367	2020 est.
Portugal	8,031,723	2020 est.
Belarus	8,027,601	July 2022 est.
Yemen	7,873,719	2019 est.
Austria	7,846,840	2020 est.
Sri Lanka	7,671,650	2020 est.
Senegal	7,199,890	2020 est.
Afghanistan	7,007,101	2020 est.
Bolivia	7,003,817	2020 est.
Hong Kong	6,883,256	2020 est.
Lebanon	6,825,442	2020 est.
Jordan	6,768,137	2019 est.
Syria	6,300,237	2020 est.
Denmark	5,656,462	2020 est.
Mali	5,467,725	2020 est.
Cambodia	5,440,559	2019 est.
Serbia	5,381,318	2020 est.
Mozambique	5,313,424	2020 est.



Country/Territory	Num. Internet Users	Date of Information
Singapore	5,230,942	2020 est.
Norway	5,218,091	2020 est.
Finland	5,087,180	2020 est.
Paraguay	4,920,000	2021 est.
Slovakia	4,917,528	July 2022 est.
Bulgaria	4,853,811	2020 est.
Oman	4,851,291	2020 est.
New Zealand	4,677,556	2020 est.
Burkina Faso	4,598,721	2020 est.
Ireland	4,586,820	2020 est.
Zimbabwe	4,310,249	2020 est.
Kuwait	4,227,857	2020 est.
Honduras	4,159,935	2020 est.
Costa Rica	4,126,232	2020 est.
Haiti	3,990,887	2020 est.
Kyrgyzstan	3,683,700	July 2022 est.
Zambia	3,676,791	2020 est.
Georgia	3,628,500	July 2022 est.
Gaza Strip	3,602,452	2020 est.
West Bank	3,602,452	2020 est.
El Salvador	3,567,410	2020 est.
Rwanda	3,497,096	2020 est.
Guinea	3,414,526	2020 est.
Croatia	3,157,190	2020 est.
Benin	3,152,032	2020 est.
Moldova	3,067,466	July 2022 est.
Tajikistan	3,013,256	July 2022 est.
Uruguay	2,987,405	2020 est.
Nicaragua	2,981,049	2020 est.
Qatar	2,881,060	2020 est.
Panama	2,761,452	2020 est.
Madagascar	2,696,931	2019 est.
Malawi	2,608,025	2019 est.
Lithuania	2,603,900	July 2022 est.
Puerto Rico	2,559,600	2020 est.
Laos	2,473,689	2020 est.
Bosnia and Herzegovina	2,394,995	2020 est.
Niger	2,331,072	2019 est.
Armenia	2,288,566	July 2022 est.
Mongolia	2,065,324	2020 est.
Albania	2,043,251	2020 est.
Togo	1,986,897	2020 est.
Mauritania	1,906,360	2020 est.



Country/Territory	Num. Internet Users	Date of Information
Slovenia	1,829,105	2020 est.
North Macedonia	1,678,750	2020 est.
Latvia	1,663,739	July 2022 est.
Chad	1,642,586	2020 est.
Jamaica	1,621,552	2019 est.
Botswana	1,505,040	2020 est.
Kosovo	1,502,658	2019 est.
Libya	1,491,040	2019 est.
Sierra Leone	1,435,857	2020 est.
Gabon	1,379,951	2020 est.
Liberia	1,314,996	2020 est.
Estonia	1,276,521	July 2022 est.
Turkmenistan	1,247,940	July 2022 est.
Cyprus	1,098,699	2020 est.
Trinidad and Tobago	1,074,126	2019 est.
Burundi	1,070,170	2020 est.
Namibia	1,041,776	2020 est.
Papua New Guinea	965,373	2019 est.
Lesotho	921,168	2020 est.
Gambia, The	894,166	2020 est.
Mauritius	822,731	2020 est.
South Sudan	783,561	2020 est.
Luxembourg	624,115	2020 est.
Djibouti	582,921	2020 est.
Macau	571,421	2020 est.
Eswatini	539,623	2019 est.
Montenegro	484,619	2020 est.
Republic of the Congo	484,245	2019 est.
Central African Republic	482,976	2020 est.
Guinea-Bissau	452,640	2020 est.
Malta	448,339	2020 est.
Fiji	444,978	2019 est.
Bhutan	416,671	2020 est.
Brunei	415,609	2020 est.
Suriname	410,644	2020 est.
Timor-Leste	382,348	2020 est.
Iceland	362,798	2020 est.
Cabo Verde	361,392	2020 est.
Equatorial Guinea	352,555	2019 est.
The Bahamas	342,126	2020 est.
Maldives	340,542	2020 est.
Somalia	308,858	2019 est.
Guyana	289,627	2019 est.



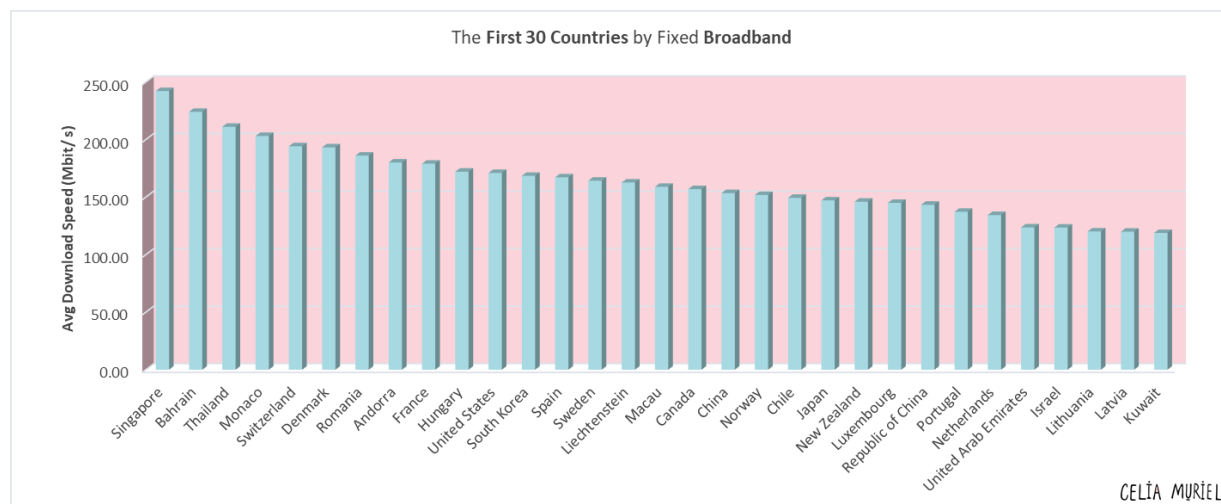
Country/Territory	Num. Internet Users	Date of Information
Barbados	235,357	2019 est.
New Caledonia	222,466	2019 est.
French Polynesia	203,878	2019 est.
Belize	202,787	2020 est.
Bahrain	170,158	2020 est.
Guam	135,509	2019 est.
Curacao	107,060	2019 est.
Aruba	103,121	2019 est.
Saint Lucia	97,323	2020 est.
Solomon Islands	80,379	2019 est.
Vanuatu	77,969	2019 est.
Seychelles	77,785	2020 est.
Antigua and Barbuda	73,807	2019 est.
Sao Tome and Principe	72,323	2020 est.
Andorra	71,084	2020 est.
Comoros	69,568	2020 est.
Virgin Islands	68,268	2019 est.
Samoa	67,012	2019 est.
Grenada	64,136	2020 est.
Bermuda	62,625	2020 est.
Guernsey	54,726	2019 est.
Cayman Islands	53,233	2020 est.
Eritrea	53,200	2019 est.
Dominica	50,266	2019 est.
Faroe Islands	47,703	2019 est.
Kiribati	45,390	2020 est.
Jersey	44,198	2019 est.
Tonga	42,844	2019 est.
Saint Kitts and Nevis	42,796	2019 est.
Federated States of Micronesia	39,834	2019 est.
Greenland	39,358	2019 est.
Sint Maarten	39,100	Mar-22
Monaco	37,798	2019 est.
Liechtenstein	37,260	2019 est.
Gibraltar	31,684	2019 est.
Saint Vincent and the Grenadines	24,408	2020 est.
The British Virgin Islands	23,585	2020 est.
Marshall Islands	22,929	2019 est.
San Marino	20,318	2019 est.
Saint Martin	19,300	March 2022 est.
Northern Mariana Islands	17,418	2016 est.
American Samoa	17,147	2020 est.
Anguilla	12,489	2019 est.



Country/Territory	Num. Internet Users	Date of Information
Cook Islands	9,476	2019 est.
Palau	7,650	2016 est.
Saint Barthelemy	7,128	2020 est.
Nauru	6,136	2019 est.
Tuvalu	5,711	2019 est.
Saint Pierre and Miquelon	4,500	2016 est.
Antarctica	4,400	2016 est.
Falkland Islands (Islas Malvinas)	3,343	2019 est.
Montserrat	2,744	2019 est.
Saint Helena, Ascension, and Tristan da Cunha	2,302	2019 est.
Niue	1,292	2019 est.
Wallis and Futuna	1,029	2019 est.
Tokelau	805	2019 est.
Christmas Island	790	2016 est.
Norfolk Island	612	2016 est.
Pitcairn Islands	50	2022 est.

Fixed broadband

The estimate of the fixed broadband as of March 2022 comes from the Wikipedia article on [Internet connection speeds](#) (accessed on October 19th, 2022).



Rank	Country/Territory	Average fixed broadband download speed (Mbit/s) (SpeedTestNet.io, 2022)
1	Singapore	242.17
2	Bahrain	224.15
3	Thailand	211.10
4	Monaco	203.15



Rank	Country/Territory	<u>Average fixed broadband download speed (Mbit/s) (SpeedTestNet.io, 2022)</u>
5	Switzerland	194.16
6	Denmark	193.23
7	Romania	186.06
8	Andorra	180.10
9	France	179.05
10	Hungary	172.10
11	United States	171.01
12	South Korea	168.46
13	Spain	167.15
14	Sweden	164.32
15	Liechtenstein	162.70
16	Macau	158.94
17	Canada	156.94
18	China	153.49
19	Norway	151.86
20	Chile	149.37
21	Japan	147.19
22	New Zealand	146.01
23	Luxembourg	144.99
24	Republic of China	143.39
25	Portugal	137.26
26	Netherlands	134.42
27	United Arab Emirates	123.65
28	Israel	123.50
29	Lithuania	120.14
30	Latvia	119.95
31	Kuwait	118.86
32	Germany	118.12
33	Malta	116.20
34	Finland	112.15
35	Poland	109.60
36	Panama	104.60
37	Barbados	102.32
38	Moldova	101.50
39	Ireland	99.67
40	Qatar	97.79
41	Belgium	97.61
42	San Marino	97.12
43	Malaysia	92.35
44	Slovakia	91.97
45	Slovenia	87.60



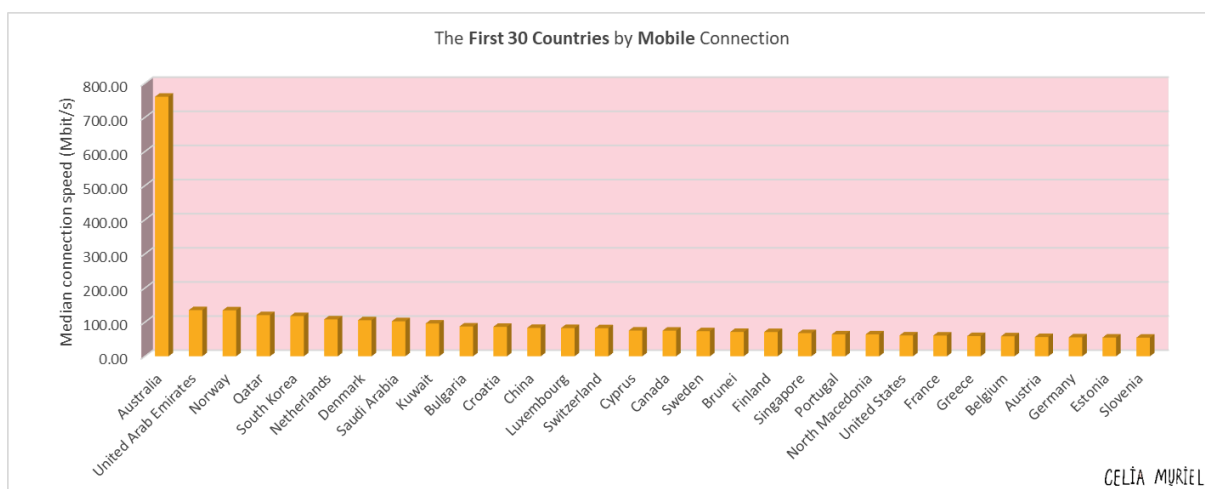
Rank	Country/Territory	<u>Average fixed broadband download speed (Mbit/s) (SpeedTestNet.io, 2022)</u>
46	Estonia	86.30
47	United Kingdom	82.84
48	Russia	79.65
49	Saudi Arabia	78.95
50	Brazil	74.32
51	Italy	73.65
52	Austria	72.15
53	Trinidad and Tobago	71.84
54	Czech Republic	69.50
55	Serbia	68.23
56	Bulgaria	67.46
57	Belarus	66.41
58	Ukraine	64.10
59	Vietnam	61.50
60	Australia	60.25
61	Montenegro	59.50
62	Uruguay	54.60
63	HongKong	53.27
64	India	52.25
65	Kazakhstan	51.30
66	Jordan	50.43
67	Grenada	49.93
68	Cyprus	49.30
69	Argentina	48.34
70	Kosovo	46.62
71	Peru	46.28
72	Oman	45.98
73	Croatia	45.63
74	Paraguay	45.40
75	Ghana	44.76
76	Kyrgyzstan	44.01
77	CostaRica	43.76
78	Bosnia and Herzegovina	43.50
79	Bahamas	43.01
80	Mexico	42.96
81	Colombia	42.56
82	Mongolia	41.82
83	Saint Vincent and the Grena- dines	41.45
84	Albania	41.01
85	Saint Lucia	40.85



Rank	Country/Territory	<u>Average fixed broadband download speed (Mbit/s)</u> <u>(SpeedTestNet.io, 2022)</u>
86	Guyana	40.60
87	South Africa	38.67
88	Belize	38.54
89	Madagascar	37.65
90	Jamaica	36.49
91	Egypt	33.94
92	Dominica	32.76
93	Uzbekistan	32.51
94	North Macedonia	32.25
95	Bangladesh	32.05
96	Greece	30.81

Mobile connection

The estimate of the mobile connection as of March 2022 comes from the Wikipedia article on [Internet connection speeds](#) (accessed on October 19th, 2022).



Country/Territory	<u>Median connection speed (Mbit/s)</u> <u>Ookla (March 2022)</u>
Australia	760.52
United Arab Emirates	135.35
Norway	134.73
Qatar	120.69
South Korea	117.95
Netherlands	108.33
Denmark	105.65
Saudi Arabia	102.79



Country/Territory	<u>Median connection speed (Mbit/s) Ookla (March 2022)</u>
Kuwait	96.23
Bulgaria	87.51
Croatia	86.48
China	83.43
Luxembourg	82.85
Switzerland	82.29
Cyprus	75.48
Canada	75.18
Sweden	73.61
Brunei	71.38
Finland	71.23
Singapore	67.99
Portugal	64.30
North Macedonia	64.23
United States	61.12
France	60.94
Greece	59.42
Belgium	58.65
Austria	56.60
Germany	55.70
Estonia	55.07
Slovenia	54.57
Taiwan	53.93
Bahrain	53.08
Macau	50.16
Lithuania	50.13
Malta	49.66
New Zealand	49.49
United Kingdom	48.10
Maldives	47.93
Hong Kong	47.34
Serbia	45.81
Czech Republic	44.55
Oman	44.47
Japan	44.05
Montenegro	41.93
Latvia	41.60
Hungary	41.32
Suriname	40.70
Albania	40.48
Poland	40.14



Country/Territory	<u>Median connection speed (Mbit/s) Ookla (March 2022)</u>
Iraq	39.90
Italy	37.15
Romania	36.90
Uruguay	34.43
Togo	34.42
Spain	34.26
Vietnam	33.90
South Africa	33.62
Thailand	33.49
Slovakia	33.44
Jamaica	30.84
Georgia	30.67
Turkey	30.48
Azerbaijan	30.40
Ireland	30.16
Mexico	29.81
Moldova	29.46
Bosnia and Herze- govina	28.49
Trinidad and Tobago	28.37
Israel	28.01
Morocco	27.84
Bahamas	26.77
Fiji	25.99
Malaysia	25.87
Iran	24.90
Kosovo	24.63
Botswana	24.14
Myanmar	24.06
Laos	23.41
Tunisia	22.64
Angola	22.59
Chile	22.49
Brazil	22.30
Armenia	22.01
Senegal	21.44
Ethiopia	21.08
El Salvador	21.03
Honduras	20.73
Dominican Republic	20.70
Argentina	20.64



Country/Territory	<u>Median connection speed (Mbit/s) Ookla (March 2022)</u>
Russia	20.46
Egypt	19.73
Philippines	19.48
Jordan	19.47
Nigeria	18.92
Kazakhstan	18.71
Namibia	18.43
Nicaragua	18.30
Mauritius	18.09
Malawi	17.95
Ecuador	17.70
Indonesia	17.70
Costa Rica	17.46
Guatemala	17.30
Panama	17.03
Kenya	16.93
Yemen	16.89
Pakistan	16.73
Mongolia	16.69
Nepal	16.45
Lebanon	16.38
Kyrgyzstan	16.30
Cambodia	16.12
Uganda	15.99
Mozambique	15.66
Peru	15.64
Ukraine	15.62
Paraguay	15.15
Bolivia	14.10
Zimbabwe	13.99
India	13.67
Uzbekistan	13.27
Syria	13.24
Sri Lanka	13.15
Haiti	12.49
Algeria	12.44
Colombia	12.35
DR Congo	12.08
Cameroon	11.88
Bangladesh	10.43
Libya	10.40



Country/Territory	<u>Median connection speed (Mbit/s) Ookla (March 2022)</u>
Tanzania	10.39
Zambia	10.36
Belarus	9.99
Ivory Coast	9.92
Sudan	9.50
Cuba	9.10
Ghana	8.44
Somalia	7.95
Tajikistan	7.05
Venezuela	5.68
Afghanistan	5.50
Palestine	4.89

Accurate information

Many countries and regions provide more accurate, regular and detailed analyses of their digitalisation status, such as the [European Union](#), as part of their ongoing efforts to enhance their infrastructure and legislate as per the citizens' Internet use and needs. Unfortunately, I could only find this information to compare countries worldwide at the time of writing this document.

