

4th pillar Affordability

4.01 Prepaid mobile cellular tariffs

Average per-minute cost of different types of mobile cellular calls (PPP \$) | 2014 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Hong Kong SAR	0.02	71	Guyana ³	0.26
2	Russian Federation	0.03	72	Czech Republic	0.26
3	Bangladesh	0.04	73	Italy	0.26
4	Sri Lanka	0.05	74	Kuwait ³	0.26
5	India	0.05	75	Hungary	0.27
6	China	0.06	76	Croatia	0.27
7	Jordan	0.06	77	United States	0.27
8	Tunisia	0.06	78	Benin	0.27
9	Denmark	0.06	79	Algeria	0.28
10	Pakistan	0.06	80	Gambia, The ³	0.28
11	Egypt	0.07	81	Oman	0.29
12	Finland	0.07	82	Uganda	0.29
13	Sweden	0.08	83	Israel	0.29
14	Austria	0.08	84	Colombia	0.29
15	Nepal	0.08	85	Slovenia	0.30
16	Thailand	0.09	86	Honduras	0.30
17	Costa Rica	0.09	87	Brazil	0.31
18	Georgia	0.09	88	El Salvador	0.31
19	Australia	0.10	89	Saudi Arabia	0.32
20	Iran, Islamic Rep.	0.10	90	Peru	0.32
21	Kenya	0.10	91	Bosnia and Herzegovina	0.32
22	Turkey	0.10	92	Belgium	0.32
23	Norway	0.10	93	Chile	0.32
24	Myanmar ¹	0.11	94	Liberia	0.33
25	Lao PDR	0.11	95	Paraguay	0.33
26	Ethiopia	0.11	96	New Zealand	0.33
27	Germany	0.11	97	Estonia	0.33
28	Ghana	0.12	98	Burundi	0.34
29	Kazakhstan	0.12	99	Trinidad and Tobago	0.35
30	Mexico	0.12	100	Azerbaijan	0.35
31	Mongolia	0.12	101	Côte d'Ivoire	0.35
32	Cyprus	0.12	102	Cameroon	0.35
33	Nigeria	0.13	103	Venezuela ²	0.36
34	Portugal	0.14	104	Ecuador	0.36
35	Korea, Rep.	0.14	105	Netherlands	0.36
36	Bhutan	0.14	106	Japan	0.37
37	Morocco	0.14	107	Uruguay	0.39
38	Bahrain	0.15	108	Tajikistan	0.39
39	Spain	0.15	109	Swaziland	0.40
40	Iceland	0.15	110	Philippines	0.40
41	United Arab Emirates	0.15	111	Botswana	0.41
42	Vietnam	0.15	112	Malta	0.41
43	Guinea	0.15	113	United Kingdom ³	0.43
44	Kyrgyz Republic	0.16	114	Zimbabwe ³	0.43
45	Poland	0.16	115	Gabon	0.44
46	Malaysia	0.17	116	Switzerland	0.44
47	Luxembourg	0.17	117	Bolivia	0.46
48	Ukraine	0.17	118	Zambia	0.46
49	Mauritius	0.18	119	Dominican Republic	0.47
50	Latvia	0.18	120	Lebanon	0.48
51	Singapore	0.19	121	France	0.48
52	Indonesia	0.19	122	Seychelles	0.49
53	Jamaica	0.20	123	Mali	0.50
54	Macedonia, FYR	0.20	124	Senegal	0.50
55	Rwanda	0.20	125	Ireland	0.54
56	Armenia	0.22	126	Lesotho	0.55
57	Qatar	0.22	127	Mauritania ³	0.57
58	South Africa	0.22	128	Romania	0.57
59	Panama	0.23	129	Malawi	0.59
60	Canada ³	0.23	130	Guatemala	0.62
61	Moldova	0.23	131	Chad	0.65
62	Haiti	0.23	132	Cape Verde	0.65
63	Taiwan, China	0.23	133	Tanzania	0.67
64	Serbia	0.23	134	Albania	0.71
65	Cambodia	0.23	135	Greece	0.77
66	Slovak Republic	0.24	136	Bulgaria	0.78
67	Mozambique	0.25	137	Madagascar	0.95
68	Lithuania	0.25	138	Nicaragua	1.16
69	Namibia	0.25	n/a	Argentina	n/a
70	Montenegro	0.26			

SOURCES: Authors' calculations based on International Telecommunication Union (ITU), ITU World Telecommunication/ICT Indicators Database 2015 (December 2015 edition), <http://www.itu.int/en/ITU-D/Statistics/Pages/publications/wtid.aspx>; World Bank, World Development Indicators (retrieved January 4, 2016), <http://data.worldbank.org>; national sources

¹ 2011 ² 2012 ³ 2013

4.02 Fixed broadband Internet tariffs

Monthly subscription charge for fixed (wired) broadband Internet service (PPP \$) | 2014 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Vietnam	2.59	71	Norway	34.80
2	Ukraine	10.64	72	Egypt	34.88
3	Sri Lanka	12.56	73	Korea, Rep.	35.00
4	Bangladesh	12.77	74	Croatia	35.52
5	Iran, Islamic Rep.	13.48	75	Spain	35.63
6	United Kingdom	14.12	76	Serbia	36.05
7	Albania	14.98	77	Ecuador	36.13
8	Tunisia	15.08	78	Portugal	36.56
9	Taiwan, China	15.65	79	Montenegro	36.60
10	Russian Federation	15.73	80	El Salvador	36.62
11	United States	16.32	81	Canada ³	37.50
12	Bosnia and Herzegovina	16.39	82	Paraguay	38.65
13	Romania	16.81	83	Malta	38.80
14	Brazil	17.62	84	Guatemala	39.11
15	Pakistan	18.04	85	Netherlands	39.38
16	Trinidad and Tobago	18.48	86	Mozambique	39.98
17	Turkey	19.10	87	Mauritius	42.35
18	Cape Verde	19.17	88	Lao PDR	42.39
19	Mongolia	20.69	89	Thailand	42.47
20	Kazakhstan	20.71	90	Guyana ³	42.72
21	Japan	20.72	91	Jamaica	42.91
22	Costa Rica	20.75	92	Chile	43.12
23	Latvia	21.04	93	Hungary	43.18
24	Armenia	21.04	94	Mexico	43.50
25	Poland	21.33	95	New Zealand	44.27
26	Ireland	21.41	96	Honduras	44.35
27	Venezuela ²	21.71	97	Germany	44.40
28	Kuwait ³	22.27	98	Dominican Republic	44.63
29	Nepal	22.80	99	Singapore	46.31
30	Austria	22.93	100	Australia	46.70
31	Lesotho	23.27	101	Algeria	49.98
32	Bulgaria	24.12	102	Peru	51.00
33	Cyprus	24.15	103	Oman	51.96
34	Switzerland	24.82	104	Philippines	54.59
35	Lithuania	24.86	105	Gabon	54.72
36	India	24.89	106	Saudi Arabia	56.74
37	France	25.32	107	Zimbabwe ³	57.65
38	Moldova	25.37	108	Mauritania ³	59.29
39	Czech Republic	26.18	109	Nicaragua	60.11
40	Uruguay	26.19	110	Malaysia	60.97
41	Bhutan	26.21	111	Ghana	65.43
42	Panama	26.21	112	Jordan	67.29
43	Seychelles	26.80	113	Nigeria	70.87
44	Iceland	27.03	114	Tanzania	72.15
45	Morocco	27.65	115	Botswana	73.04
46	Indonesia	27.92	116	Kenya	74.19
47	Greece	28.03	117	Côte d'Ivoire	79.04
48	Kyrgyz Republic	28.10	118	Senegal	79.60
49	Azerbaijan	28.34	119	Malawi	80.54
50	Estonia	28.36	120	United Arab Emirates	83.40
51	Finland	28.63	121	Namibia	84.64
52	Italy	28.88	122	Haiti	89.97
53	Georgia	29.25	123	Qatar	93.07
54	Hong Kong SAR	29.71	124	Mali	108.35
55	Slovak Republic	29.80	125	Benin	113.62
56	Cambodia	29.81	126	Cameroon	127.72
57	Bolivia	30.40	127	Myanmar ¹	136.43
58	Lebanon	30.40	128	Swaziland	137.77
59	Belgium	30.41	129	Burundi	139.23
60	Israel	30.45	130	Gambia, The ³	141.78
61	South Africa	30.60	131	Zambia	147.42
62	Macedonia, FYR	31.07	132	Liberia ³	186.23
63	Colombia	31.24	133	Madagascar	197.62
64	Slovenia	31.46	134	Uganda	743.47
65	Luxembourg	32.20	135	Tajikistan ³	814.09
66	Sweden	33.41	136	Rwanda	1,040.24
67	Ethiopia	33.50	137	Chad	1,275.69
68	China	33.99	n/a	Argentina	n/a
69	Bahrain	34.08	n/a	Guinea	n/a
70	Denmark	34.15			

SOURCES: Authors' calculations based on International Telecommunication Union (ITU), ITU World Telecommunication/ICT Indicators Database 2015 (December 2015 edition), <http://www.itu.int/en/ITU-D/Statistics/Pages/publications/wtid.aspx>; World Bank, World Development Indicators (retrieved January 4, 2016), <http://data.worldbank.org>; national sources

¹ 2011 ² 2012 ³ 2013

4.03 Internet and telephony sectors competition index

Level of competition index for Internet services, international long distance services, and mobile telephone services on a 0-to-2 (best) scale | 2014 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Argentina ¹	2.00	71	Denmark ¹	1.88
1	Armenia	2.00	71	Nicaragua	1.88
1	Australia	2.00	73	Slovak Republic	1.88
1	Austria	2.00	73	United Kingdom	1.88
1	Belgium	2.00	75	Czech Republic	1.87
1	Brazil	2.00	75	El Salvador ¹	1.87
1	Cambodia	2.00	75	Hungary	1.87
1	Canada	2.00	75	Kazakhstan ¹	1.87
1	Cape Verde	2.00	75	Kyrgyz Republic ²	1.87
1	Chile	2.00	80	Albania	1.86
1	Taiwan, China ³	2.00	80	Bosnia and Herzegovina	1.86
1	Colombia	2.00	80	Oman	1.86
1	Croatia	2.00	80	Ukraine ¹	1.86
1	Ecuador ¹	2.00	84	Trinidad and Tobago	1.85
1	Estonia ¹	2.00	85	Greece	1.79
1	Finland	2.00	85	Zimbabwe	1.79
1	France	2.00	87	Indonesia ¹	1.76
1	Georgia	2.00	87	Israel ¹	1.76
1	Germany	2.00	89	Korea, Rep. ¹	1.75
1	Guatemala ²	2.00	89	Latvia	1.75
1	Guinea	2.00	89	Liberia ¹	1.75
1	Haiti ¹	2.00	92	Azerbaijan	1.73
1	Hong Kong SAR	2.00	93	Cyprus	1.71
1	Iceland	2.00	93	Senegal	1.71
1	India ²	2.00	95	Dominican Republic	1.71
1	Ireland	2.00	96	Zambia ¹	1.64
1	Japan	2.00	97	Thailand	1.63
1	Kenya ¹	2.00	98	Egypt	1.60
1	Lesotho ¹	2.00	99	Burundi ¹	1.54
1	Lithuania	2.00	100	New Zealand ¹	1.53
1	Luxembourg	2.00	101	Chad ¹	1.50
1	Macedonia, FYR	2.00	101	Russian Federation ¹	1.50
1	Madagascar ¹	2.00	103	Costa Rica	1.44
1	Malaysia ²	2.00	104	Namibia	1.38
1	Malta	2.00	105	Algeria ¹	1.33
1	Mauritania ¹	2.00	105	Bangladesh ²	1.33
1	Mauritius	2.00	105	Bhutan ¹	1.33
1	Mexico	2.00	105	Bulgaria ¹	1.33
1	Moldova	2.00	109	Nepal	1.29
1	Montenegro	2.00	110	Gabon ¹	1.23
1	Morocco	2.00	111	Cameroon ¹	1.22
1	Netherlands ¹	2.00	111	Côte d'Ivoire ¹	1.22
1	Nigeria ¹	2.00	113	Botswana ²	1.21
1	Norway	2.00	114	Ghana	1.20
1	Pakistan	2.00	114	Mali ¹	1.20
1	Panama	2.00	116	Mozambique ¹	1.17
1	Paraguay ²	2.00	117	Tunisia	1.15
1	Peru	2.00	118	China ²	1.14
1	Philippines ¹	2.00	119	Gambia, The ¹	1.13
1	Poland	2.00	119	Malawi ¹	1.13
1	Portugal	2.00	121	Seychelles	1.08
1	Romania	2.00	122	South Africa ¹	1.07
1	Saudi Arabia	2.00	122	United Arab Emirates	1.07
1	Serbia	2.00	124	Uruguay ²	1.00
1	Singapore	2.00	125	Qatar	0.93
1	Slovenia	2.00	126	Benin	0.91
1	Spain	2.00	126	Lao PDR ¹	0.91
1	Sweden	2.00	128	Sri Lanka ¹	0.88
1	Switzerland	2.00	129	Iran, Islamic Rep.	0.85
1	Tanzania	2.00	130	Bolivia ¹	0.80
1	Turkey	2.00	131	Guyana ¹	0.50
1	Uganda ¹	2.00	131	Lebanon	0.50
1	United States	2.00	133	Kuwait ¹	0.25
1	Vietnam	2.00	134	Swaziland ¹	0.08
65	Honduras	1.94	135	Ethiopia	0.00
65	Jamaica	1.94	135	Myanmar ¹	0.00
67	Jordan ¹	1.94	135	Tajikistan ¹	0.00
68	Rwanda ¹	1.93	n/a	Mongolia	n/a
69	Bahrain	1.90	n/a	Venezuela	n/a
69	Italy	1.90			

SOURCE: Authors' calculations based on International Telecommunication Union (ITU), *ITU World Telecommunication Regulatory Database* (retrieved January 5, 2016), <http://www.itu.int/en/ITU-D/Statistics/Pages/publications/wtd.aspx>.

¹ pre-2013 ² 2013 ³ 2015