

4th pillar Affordability

4.01 Prepaid mobile cellular tariffs

Average per-minute cost of different types of mobile cellular calls (PPP \$) | 2013 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Hong Kong SAR	0.02	73	Namibia	0.26
2	Bangladesh	0.04	74	Luxembourg	0.26
3	Sri Lanka	0.05	75	Hungary	0.27
4	India	0.06	76	United States	0.27
5	China	0.06	77	Algeria	0.27
6	Denmark	0.06	78	Oman ³	0.28
7	Egypt	0.07	79	Gambia, The	0.28
8	Finland	0.08	80	Lao PDR	0.30
9	Sweden	0.08	81	Indonesia	0.30
10	Austria	0.08	82	Colombia	0.30
11	Nepal	0.09	83	Israel	0.30
12	Costa Rica	0.09	84	Slovenia	0.30
13	Georgia	0.09	85	El Salvador	0.30
14	Australia	0.09	86	Chile	0.30
15	Pakistan	0.10	87	Saudi Arabia	0.30
16	Thailand	0.10	88	Belgium	0.32
17	Kenya	0.10	89	Peru	0.32
18	Norway	0.11	90	Suriname	0.32
19	Libya	0.11	91	Montenegro	0.32
20	Germany	0.12	92	Côte d'Ivoire	0.34
21	United Arab Emirates	0.12	93	Angola	0.34
22	Cyprus ³	0.12	94	Burkina Faso	0.34
23	Iran, Islamic Rep.	0.12	95	New Zealand	0.34
24	Vietnam	0.12	96	Paraguay	0.34
25	Russian Federation ³	0.12	97	Azerbaijan	0.34
26	Mexico	0.12	98	Estonia ³	0.35
27	Kazakhstan	0.12	99	Barbados ³	0.35
28	Ethiopia ³	0.13	100	Philippines	0.36
29	Puerto Rico	0.13	101	Netherlands	0.36
30	Portugal	0.13	102	Japan	0.37
31	Ghana	0.13	103	Trinidad and Tobago	0.37
32	Korea, Rep.	0.14	104	Uruguay	0.38
33	Bahrain	0.14	105	Honduras ²	0.39
34	Mongolia	0.14	106	Gabon	0.40
35	Nigeria	0.14	107	Tajikistan	0.41
36	Tunisia	0.14	108	Swaziland	0.41
37	Iceland	0.14	109	Botswana	0.41
38	Bhutan	0.14	110	Timor-Leste ³	0.42
39	Spain	0.15	111	Mauritania ³	0.43
40	Macedonia, FYR	0.15	112	Switzerland	0.43
41	Turkey	0.15	113	United Kingdom	0.43
42	Morocco	0.15	114	Czech Republic	0.44
43	Italy	0.16	115	Cameroon	0.45
44	Guinea ¹	0.16	116	Bolivia	0.46
45	Kyrgyz Republic	0.17	117	Dominican Republic	0.47
46	Rwanda	0.17	118	France	0.48
47	Mauritius	0.18	119	Romania	0.48
48	Singapore	0.18	120	Burundi	0.49
49	Ukraine	0.19	121	Senegal	0.49
50	Cambodia	0.19	122	Mali	0.50
51	Poland	0.21	123	Malta	0.51
52	Jamaica	0.21	124	Seychelles	0.51
53	Jordan	0.21	125	Ireland ³	0.54
54	Qatar	0.22	126	South Africa	0.55
55	Latvia	0.23	127	Lesotho	0.56
56	Panama	0.23	128	Tanzania	0.59
57	Venezuela	0.23	129	Chad	0.60
58	Canada	0.23	130	Albania	0.61
59	Taiwan, China ⁴	0.23	131	Cape Verde	0.62
60	Malaysia	0.23	132	Guatemala	0.63
61	Haiti	0.24	133	Greece	0.64
62	Moldova	0.24	134	Lebanon	0.69
63	Slovak Republic	0.24	135	Zambia	0.73
64	Armenia	0.24	136	Brazil	0.73
65	Serbia	0.24	137	Malawi	0.73
66	Kuwait ²	0.25	138	Bulgaria	0.77
67	Mozambique	0.25	139	Madagascar	0.83
68	Yemen	0.25	140	Nicaragua	1.09
69	Croatia	0.25	n/a	Argentina	n/a
70	Lithuania	0.26	n/a	Myanmar	n/a
71	Guyana	0.26	n/a	Zimbabwe	n/a
72	Uganda	0.26			

SOURCES: Authors' calculations based on International Telecommunication Union (ITU), *ITU World Telecommunication/ICT Indicators Database 2014* (December 2014 edition); World Bank, *World Development Indicators* (retrieved January 2, 2015); national sources

¹ 2010 ² 2011 ³ 2012 ⁴ 2014

4.02 Fixed broadband Internet tariffs

Monthly subscription charge for fixed (wired) broadband Internet service (PPP \$) | 2013 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Vietnam	2.65	73	Uganda	33.81
2	Mauritius	12.18	74	China	33.85
3	Sri Lanka	12.88	75	Denmark	34.11
4	Bangladesh	13.60	76	Australia	34.14
5	Venezuela	13.77	77	Portugal	34.46
6	Ukraine	14.10	78	Korea, Rep.	34.96
7	United Kingdom	14.38	79	Oman ²	35.29
8	Taiwan, China ³	15.65	80	Spain	35.40
9	Tunisia	15.75	81	Cambodia	35.81
10	Russian Federation ²	16.23	82	Honduras ²	36.56
11	Lao PDR	16.62	83	Serbia	37.27
12	Uruguay	16.85	84	Montenegro	37.73
13	India	17.29	85	Canada	37.94
14	Romania	17.41	86	Germany	38.38
15	Cape Verde	18.25	87	Peru	39.00
16	Brazil	18.51	88	Slovak Republic	39.11
17	Panama	18.80	89	Paraguay	40.05
18	Lithuania	18.85	90	Libya	41.55
19	Iran, Islamic Rep.	19.55	91	Guyana	42.61
20	Mongolia	19.84	92	Jordan	42.69
21	Turkey	19.98	93	Jamaica	42.98
22	Trinidad and Tobago	20.33	94	Dominican Republic	44.10
23	Japan	20.50	95	Pakistan	44.38
24	Nepal	20.53	96	Mozambique	45.51
25	Mexico	21.14	97	Malaysia	46.40
26	Poland	21.39	98	Bahrain	46.74
27	Costa Rica	21.59	99	Barbados ²	47.23
28	Kazakhstan	21.64	100	Tanzania	47.89
29	Egypt	21.92	101	Algeria	48.71
30	Kuwait ²	22.37	102	Hungary	49.37
31	Cyprus ²	22.86	103	Nicaragua	49.45
32	Austria	22.98	104	Gabon	50.55
33	Malta	23.63	105	New Zealand	51.52
34	Bulgaria	23.98	106	Chile	53.40
35	Georgia	23.98	107	Bolivia	53.53
36	Puerto Rico	24.30	108	Philippines	55.63
37	Armenia	24.37	109	Thailand	55.92
38	Switzerland	24.38	110	Indonesia	56.41
39	Finland	24.73	111	Guatemala	57.39
40	France	24.95	112	Mauritania ²	58.36
41	Chad ¹	25.06	113	Lesotho	59.23
42	Albania	25.26	114	Ethiopia ²	60.41
43	Seychelles	25.35	115	Suriname	67.85
44	Moldova	26.51	116	Angola	67.85
45	Bhutan	26.69	117	Ghana	71.61
46	Italy	26.81	118	Nigeria	74.65
47	Morocco	27.40	119	Côte d'Ivoire	76.50
48	Greece	27.41	120	United Arab Emirates	76.90
49	Croatia	27.94	121	Kenya	77.91
50	Iceland	28.13	122	Senegal	78.05
51	Azerbaijan	28.14	123	Qatar	80.47
52	Yemen	28.14	124	Saudi Arabia	82.45
53	Singapore	28.43	125	Botswana	83.94
54	Sweden	28.58	126	Namibia	86.95
55	Latvia	28.99	127	Haiti	92.53
56	Estonia ²	29.28	128	Burkina Faso	98.59
57	Belgium	29.57	129	Mali	109.67
58	Czech Republic	29.93	130	Swaziland	125.45
59	Ireland ²	30.07	131	Cameroon	128.92
60	Hong Kong SAR	30.22	132	Gambia, The	141.85
61	Kyrgyz Republic	30.24	133	Burundi	148.63
62	Lebanon	30.29	134	Zambia	157.62
63	Macedonia, FYR	30.98	135	Madagascar	178.53
64	Colombia	31.41	136	Timor-Leste ²	185.97
65	Slovenia	31.54	137	Malawi	189.03
66	Luxembourg	31.58	138	Rwanda	760.62
67	El Salvador	32.08	139	Tajikistan	814.65
68	Netherlands	32.21	140	Guinea ¹	2,409.93
69	South Africa	32.28	n/a	Argentina	n/a
70	Israel	32.58	n/a	Myanmar	n/a
71	United States	32.65	n/a	Zimbabwe	n/a
72	Norway	33.02			

SOURCES: Authors' calculations based on International Telecommunication Union (ITU), *ITU World Telecommunication/ICT Indicators Database 2014* (December 2014 edition); World Bank, *World Development Indicators* (retrieved January 2, 2015); national sources

¹ 2010 ² 2012 ³ 2014

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 | 2013 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Argentina ²	2.00	73	El Salvador ¹	1.87
1	Armenia	2.00	73	Kazakhstan ²	1.87
1	Australia	2.00	73	Oman	1.87
1	Austria	2.00	73	Vietnam ¹	1.87
1	Belgium ¹	2.00	77	Ukraine ¹	1.86
1	Brazil	2.00	78	United Kingdom ²	1.85
1	Burkina Faso ¹	2.00	79	Slovak Republic ¹	1.82
1	Cambodia	2.00	80	Greece	1.80
1	Canada	2.00	81	Trinidad and Tobago	1.79
1	Cape Verde	2.00	81	Zimbabwe	1.79
1	Chile	2.00	83	Latvia	1.77
1	Colombia	2.00	83	Poland ²	1.77
1	Croatia	2.00	85	Indonesia ²	1.76
1	Dominican Republic	2.00	85	Israel ¹	1.76
1	Estonia ²	2.00	85	Korea, Rep. ²	1.76
1	Finland	2.00	85	Senegal ¹	1.76
1	France	2.00	89	Ghana	1.67
1	Georgia	2.00	89	Italy ²	1.67
1	Germany	2.00	91	Guinea ²	1.65
1	Guatemala	2.00	91	Thailand	1.65
1	Haiti ²	2.00	93	Albania ²	1.64
1	Honduras ²	2.00	94	Egypt	1.64
1	Hong Kong SAR	2.00	94	Zambia ²	1.64
1	Iceland	2.00	96	Costa Rica ¹	1.63
1	India	2.00	97	Burundi ¹	1.57
1	Ireland	2.00	98	New Zealand ²	1.53
1	Japan	2.00	99	Chad ²	1.50
1	Kenya ¹	2.00	99	Russian Federation ²	1.50
1	Lesotho ¹	2.00	101	Namibia	1.43
1	Lithuania	2.00	102	Nepal ¹	1.41
1	Luxembourg	2.00	103	Azerbaijan ²	1.40
1	Macedonia, FYR	2.00	104	Algeria ²	1.33
1	Madagascar ²	2.00	104	Angola ²	1.33
1	Malaysia	2.00	104	Barbados	1.33
1	Malta	2.00	104	Bhutan ²	1.33
1	Mauritania ²	2.00	104	Bulgaria ¹	1.33
1	Mauritius	2.00	109	Cyprus	1.31
1	Mexico ²	2.00	110	Botswana	1.27
1	Moldova	2.00	111	Bangladesh ¹	1.25
1	Montenegro	2.00	112	Gabon ¹	1.23
1	Morocco	2.00	113	Cameroon ²	1.22
1	Netherlands ²	2.00	113	Côte d'Ivoire ¹	1.22
1	Nigeria ²	2.00	113	Malawi ²	1.22
1	Norway	2.00	116	China	1.20
1	Pakistan	2.00	116	Mali ²	1.20
1	Panama	2.00	116	Suriname	1.20
1	Paraguay	2.00	119	Mozambique ²	1.17
1	Peru	2.00	120	Tunisia	1.14
1	Philippines ²	2.00	121	Gambia, The ²	1.13
1	Portugal	2.00	122	Seychelles	1.08
1	Romania ²	2.00	123	South Africa ²	1.07
1	Serbia	2.00	124	United Arab Emirates	1.06
1	Singapore	2.00	125	Uruguay	1.00
1	Slovenia	2.00	126	Qatar	0.93
1	Spain ¹	2.00	127	Lao PDR ²	0.91
1	Sweden	2.00	128	Sri Lanka ²	0.88
1	Switzerland	2.00	129	Iran, Islamic Rep.	0.86
1	Taiwan, China	2.00	130	Bolivia ²	0.80
1	Tanzania	2.00	131	Lebanon	0.55
1	Turkey	2.00	132	Guyana ²	0.50
1	Uganda ²	2.00	133	Yemen ²	0.36
1	United States	2.00	134	Kuwait ²	0.25
63	Jordan ²	1.94	135	Swaziland ¹	0.08
64	Jamaica	1.93	136	Ethiopia ¹	0.00
64	Saudi Arabia	1.93	136	Libya ²	0.00
66	Rwanda ²	1.93	136	Myanmar ¹	0.00
67	Bahrain ²	1.92	136	Tajikistan ²	0.00
68	Denmark ²	1.88	n/a	Mongolia	n/a
68	Nicaragua	1.88	n/a	Puerto Rico	n/a
70	Czech Republic	1.88	n/a	Timor-Leste	n/a
70	Hungary	1.88	n/a	Venezuela	n/a
70	Kyrgyz Republic	1.88			

SOURCE: Authors' calculations based on International Telecommunication Union (ITU), *ITU World Telecommunication Regulatory Database* (retrieved January 2, 2015).

¹ pre-2012 ² 2012