

## 9.01 Availability of latest technologies

To what extent are the latest technologies available in your country? [1 = not available; 7 = widely available] | 2011–12 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN 5.0	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN 5.0	7
1	Sweden .....	6.7				73	Thailand .....	4.9			
2	Switzerland .....	6.6				74	Kenya .....	4.9			
3	Finland .....	6.6				75	Peru .....	4.9			
4	Netherlands .....	6.5				76	Lebanon .....	4.9			
5	Norway .....	6.5				77	Côte d'Ivoire .....	4.8			
6	United Kingdom .....	6.5				78	Honduras .....	4.8			
7	Iceland .....	6.5				79	Cambodia .....	4.8			
8	Hong Kong SAR .....	6.5				80	Ukraine .....	4.8			
9	Belgium .....	6.5				81	Azerbaijan .....	4.8			
10	Luxembourg .....	6.4				82	Uruguay .....	4.8			
11	Japan .....	6.3				83	Pakistan .....	4.7			
12	Singapore .....	6.3				84	Tajikistan .....	4.7			
13	Austria .....	6.3				85	Nigeria .....	4.7			
14	United States .....	6.3				86	Ghana .....	4.7			
15	Portugal .....	6.3				87	Rwanda .....	4.7			
16	France .....	6.3				88	El Salvador .....	4.7			
17	Germany .....	6.3				89	Bosnia and Herzegovina .....	4.6			
18	Canada .....	6.3				90	Kazakhstan .....	4.6			
19	Australia .....	6.2				91	Colombia .....	4.6			
20	Denmark .....	6.2				92	Zambia .....	4.6			
21	Malta .....	6.2				93	Botswana .....	4.6			
22	Israel .....	6.2				94	Georgia .....	4.6			
23	United Arab Emirates .....	6.2				95	Poland .....	4.6			
24	Bahrain .....	6.2				96	Macedonia, FYR .....	4.6			
25	Qatar .....	6.1				97	Montenegro .....	4.6			
26	Korea, Rep. ....	6.1				98	Bulgaria .....	4.5			
27	New Zealand .....	6.1				99	Mali .....	4.5			
28	Barbados .....	6.0				100	Paraguay .....	4.5			
29	Ireland .....	6.0				101	Armenia .....	4.5			
30	Panama .....	6.0				102	Ecuador .....	4.5			
31	Puerto Rico .....	6.0				103	Venezuela .....	4.5			
32	Chile .....	5.9				104	Uganda .....	4.5			
33	Spain .....	5.9				105	Bangladesh .....	4.4			
34	Saudi Arabia .....	5.9				106	Albania .....	4.4			
35	Malaysia .....	5.8				107	China .....	4.4			
36	Estonia .....	5.8				108	Mongolia .....	4.3			
37	Lithuania .....	5.7				109	Argentina .....	4.3			
38	Jordan .....	5.7				110	Suriname .....	4.3			
39	South Africa .....	5.7				111	Mozambique .....	4.3			
40	Taiwan, China .....	5.6				112	Nepal .....	4.3			
41	Slovenia .....	5.6				113	Benin .....	4.2			
42	Cyprus .....	5.5				114	Iran, Islamic Rep. ....	4.2			
43	Czech Republic .....	5.5				115	Egypt .....	4.2			
44	Jamaica .....	5.5				116	Mauritania .....	4.2			
45	Turkey .....	5.4				117	Romania .....	4.2			
46	Oman .....	5.4				118	Moldova .....	4.1			
47	India .....	5.3				119	Zimbabwe .....	4.1			
48	Mauritius .....	5.3				120	Malawi .....	4.1			
49	Senegal .....	5.3				121	Gabon .....	4.1			
50	Brazil .....	5.3				122	Tanzania .....	4.1			
51	Guatemala .....	5.3				123	Cameroon .....	4.0			
52	Mexico .....	5.3				124	Liberia .....	4.0			
53	Morocco .....	5.3				125	Libya .....	3.9			
54	Croatia .....	5.2				126	Lesotho .....	3.9			
55	Hungary .....	5.2				127	Serbia .....	3.9			
56	Philippines .....	5.2				128	Madagascar .....	3.9			
57	Costa Rica .....	5.2				129	Russian Federation .....	3.9			
58	Greece .....	5.2				130	Haiti .....	3.8			
59	Slovak Republic .....	5.2				131	Swaziland .....	3.8			
60	Dominican Republic .....	5.2				132	Ethiopia .....	3.8			
61	Namibia .....	5.2				133	Nicaragua .....	3.8			
62	Sri Lanka .....	5.1				134	Bolivia .....	3.6			
63	Trinidad and Tobago .....	5.1				135	Guinea .....	3.6			
64	Latvia .....	5.1				136	Kyrgyz Republic .....	3.6			
65	Brunei Darussalam .....	5.0				137	Vietnam .....	3.6			
66	Kuwait .....	5.0				138	Burkina Faso .....	3.6			
67	Seychelles .....	5.0				139	Timor-Leste .....	3.5			
68	Cape Verde .....	5.0				140	Sierra Leone .....	3.5			
69	Italy .....	5.0				141	Yemen .....	3.5			
70	Guyana .....	5.0				142	Algeria .....	3.4			
71	Gambia, The .....	4.9				143	Chad .....	3.3			
72	Indonesia .....	4.9				144	Burundi .....	3.2			

SOURCE: World Economic Forum, Executive Opinion Survey

## 9.02 Firm-level technology absorption

To what extent do businesses in your country absorb new technology? [1 = not at all; 7 = aggressively absorb] | 2011–12 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN 4.8	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN 4.8	7
1	Sweden .....	6.3				73	Azerbaijan .....	4.7			
2	Iceland .....	6.3				74	Guyana .....	4.7			
3	Switzerland .....	6.2				75	Morocco .....	4.7			
4	Japan .....	6.2				76	Cape Verde .....	4.7			
5	Israel .....	6.2				77	Croatia .....	4.7			
6	Finland .....	6.1				78	Slovenia .....	4.7			
7	Hong Kong SAR .....	6.0				79	Peru .....	4.7			
8	Singapore .....	6.0				80	Albania .....	4.6			
9	Qatar .....	6.0				81	Mongolia .....	4.6			
10	Norway .....	6.0				82	Trinidad and Tobago .....	4.6			
11	Korea, Rep. ....	6.0				83	Uruguay .....	4.6			
12	United Arab Emirates .....	6.0				84	Rwanda .....	4.6			
13	Austria .....	5.9				85	Pakistan .....	4.6			
14	United States .....	5.9				86	Egypt .....	4.6			
15	Australia .....	5.9				87	Mali .....	4.5			
16	Germany .....	5.9				88	Zambia .....	4.5			
17	New Zealand .....	5.9				89	Liberia .....	4.5			
18	Denmark .....	5.8				90	Latvia .....	4.5			
19	Taiwan, China .....	5.8				91	Kazakhstan .....	4.5			
20	Saudi Arabia .....	5.8				92	El Salvador .....	4.5			
21	Bahrain .....	5.8				93	Colombia .....	4.4			
22	Netherlands .....	5.8				94	Greece .....	4.4			
23	United Kingdom .....	5.7				95	Tajikistan .....	4.4			
24	Luxembourg .....	5.6				96	Armenia .....	4.4			
25	Panama .....	5.6				97	Gabon .....	4.4			
26	Puerto Rico .....	5.6				98	Botswana .....	4.4			
27	Portugal .....	5.6				99	Zimbabwe .....	4.4			
28	Jordan .....	5.6				100	Montenegro .....	4.4			
29	Malaysia .....	5.6				101	Ecuador .....	4.3			
30	Canada .....	5.6				102	Paraguay .....	4.3			
31	Belgium .....	5.6				103	Uganda .....	4.3			
32	Malta .....	5.5				104	Italy .....	4.3			
33	Ireland .....	5.5				105	Bosnia and Herzegovina .....	4.3			
34	Estonia .....	5.5				106	Argentina .....	4.3			
35	France .....	5.5				107	Mauritania .....	4.3			
36	Senegal .....	5.5				108	Libya .....	4.3			
37	Barbados .....	5.4				109	Yemen .....	4.3			
38	South Africa .....	5.4				110	Mozambique .....	4.3			
39	Turkey .....	5.3				111	Bangladesh .....	4.2			
40	India .....	5.2				112	Poland .....	4.2			
41	Kuwait .....	5.2				113	Cameroon .....	4.2			
42	Sri Lanka .....	5.2				114	Benin .....	4.2			
43	Cyprus .....	5.2				115	Ghana .....	4.2			
44	Chile .....	5.2				116	Romania .....	4.1			
45	Guatemala .....	5.2				117	Venezuela .....	4.1			
46	Philippines .....	5.2				118	Burkina Faso .....	4.1			
47	Brazil .....	5.2				119	Iran, Islamic Rep. ....	4.1			
48	Spain .....	5.1				120	Nepal .....	4.1			
49	Czech Republic .....	5.1				121	Suriname .....	4.1			
50	Costa Rica .....	5.1				122	Nicaragua .....	4.0			
51	Seychelles .....	5.1				123	Georgia .....	4.0			
52	Oman .....	5.0				124	Swaziland .....	4.0			
53	Lithuania .....	5.0				125	Bulgaria .....	4.0			
54	Thailand .....	5.0				126	Vietnam .....	4.0			
55	Mauritius .....	4.9				127	Lesotho .....	4.0			
56	Indonesia .....	4.9				128	Moldova .....	4.0			
57	Dominican Republic .....	4.9				129	Tanzania .....	3.9			
58	Kenya .....	4.9				130	Haiti .....	3.9			
59	Slovak Republic .....	4.9				131	Sierra Leone .....	3.9			
60	Honduras .....	4.9				132	Madagascar .....	3.8			
61	Cambodia .....	4.9				133	Macedonia, FYR .....	3.8			
62	Brunei Darussalam .....	4.9				134	Malawi .....	3.8			
63	Mexico .....	4.8				135	Guinea .....	3.8			
64	Hungary .....	4.8				136	Kyrgyz Republic .....	3.7			
65	Namibia .....	4.8				137	Chad .....	3.7			
66	Côte d'Ivoire .....	4.8				138	Bolivia .....	3.7			
67	Jamaica .....	4.8				139	Timor-Leste .....	3.7			
68	Gambia, The .....	4.8				140	Ethiopia .....	3.7			
69	Ukraine .....	4.8				141	Russian Federation .....	3.6			
70	Lebanon .....	4.8				142	Serbia .....	3.6			
71	China .....	4.7				143	Burundi .....	3.5			
72	Nigeria .....	4.7				144	Algeria .....	3.2			

SOURCE: World Economic Forum, Executive Opinion Survey

## 9.03 FDI and technology transfer

To what extent does foreign direct investment (FDI) bring new technology into your country? [1 = not at all; 7 = FDI is a key source of new technology] | 2011–12 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN 4.6	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN 4.6	7
1	Ireland.....	6.4				73	Cameroon.....	4.7			
2	Qatar .....	6.1				74	Mongolia.....	4.6			
3	Panama.....	6.0				75	Egypt .....	4.6			
4	Singapore.....	5.8				76	Gambia, The.....	4.6			
5	Costa Rica.....	5.8				77	China.....	4.6			
6	United Arab Emirates.....	5.7				78	Trinidad and Tobago.....	4.6			
7	Luxembourg.....	5.6				79	Colombia.....	4.6			
8	Saudi Arabia.....	5.5				80	Germany.....	4.6			
9	Slovak Republic.....	5.5				81	Guatemala.....	4.5			
10	Hong Kong SAR.....	5.5				82	Ghana.....	4.5			
11	Bahrain.....	5.5				83	Korea, Rep. ....	4.5			
12	Hungary.....	5.4				84	Gabon .....	4.5			
13	Uruguay.....	5.4				85	Kazakhstan.....	4.4			
14	Israel.....	5.3				86	Namibia.....	4.4			
15	Mexico.....	5.3				87	Finland.....	4.4			
16	Malaysia.....	5.3				88	Nicaragua.....	4.4			
17	Canada.....	5.3				89	Sierra Leone.....	4.3			
18	Czech Republic.....	5.3				90	Nigeria.....	4.3			
19	Belgium.....	5.2				91	Brunei Darussalam.....	4.3			
20	Estonia.....	5.2				92	Seychelles.....	4.3			
21	Malta.....	5.2				93	Mali.....	4.3			
22	Portugal.....	5.2				94	Vietnam.....	4.3			
23	Sweden.....	5.2				95	Iceland.....	4.3			
24	Brazil.....	5.2				96	Latvia.....	4.3			
25	Chile.....	5.1				97	Romania.....	4.3			
26	Lithuania.....	5.1				98	Bosnia and Herzegovina.....	4.2			
27	New Zealand.....	5.1				99	El Salvador.....	4.2			
28	Taiwan, China.....	5.1				100	Tajikistan.....	4.2			
29	Honduras.....	5.1				101	Georgia.....	4.2			
30	Peru.....	5.0				102	Botswana.....	4.1			
31	Dominican Republic.....	5.0				103	Moldova.....	4.1			
32	Australia.....	5.0				104	Guyana.....	4.1			
33	Cambodia.....	5.0				105	Croatia.....	4.1			
34	Netherlands.....	5.0				106	Bulgaria.....	4.1			
35	United Kingdom.....	5.0				107	Macedonia, FYR.....	4.1			
36	Switzerland.....	5.0				108	Iran, Islamic Rep.....	4.0			
37	Barbados.....	5.0				109	Ukraine.....	4.0			
38	South Africa.....	5.0				110	Burkina Faso.....	4.0			
39	Jordan.....	5.0				111	Bangladesh.....	4.0			
40	Philippines.....	5.0				112	Paraguay.....	4.0			
41	Mozambique.....	5.0				113	Slovenia.....	4.0			
42	Spain.....	4.9				114	Guinea.....	3.9			
43	United States.....	4.9				115	Malawi.....	3.9			
44	India.....	4.9				116	Greece.....	3.9			
45	Oman.....	4.9				117	Lebanon.....	3.9			
46	Morocco.....	4.9				118	Swaziland.....	3.9			
47	Thailand.....	4.9				119	Pakistan.....	3.8			
48	Mauritius.....	4.9				120	Ecuador.....	3.8			
49	Puerto Rico.....	4.9				121	Madagascar.....	3.8			
50	Sri Lanka.....	4.9				122	Italy.....	3.8			
51	Austria.....	4.9				123	Serbia.....	3.8			
52	Denmark.....	4.9				124	Liberia.....	3.8			
53	Kenya.....	4.8				125	Benin.....	3.8			
54	Norway.....	4.8				126	Nepal.....	3.8			
55	Rwanda.....	4.8				127	Haiti.....	3.7			
56	Montenegro.....	4.8				128	Ethiopia.....	3.7			
57	Armenia.....	4.8				129	Venezuela.....	3.7			
58	Poland.....	4.8				130	Suriname.....	3.7			
59	France.....	4.8				131	Timor-Leste.....	3.6			
60	Uganda.....	4.8				132	Argentina.....	3.6			
61	Indonesia.....	4.8				133	Lesotho.....	3.6			
62	Albania.....	4.7				134	Bolivia.....	3.6			
63	Senegal.....	4.7				135	Russian Federation.....	3.6			
64	Côte d'Ivoire.....	4.7				136	Libya.....	3.6			
65	Turkey.....	4.7				137	Burundi.....	3.5			
66	Tanzania.....	4.7				138	Mauritania.....	3.5			
67	Japan.....	4.7				139	Zimbabwe.....	3.5			
68	Azerbaijan.....	4.7				140	Algeria.....	3.4			
69	Zambia.....	4.7				141	Chad.....	3.3			
70	Cape Verde.....	4.7				142	Kuwait.....	3.3			
71	Cyprus.....	4.7				143	Kyrgyz Republic.....	3.3			
72	Jamaica.....	4.7				144	Yemen.....	3.2			

SOURCE: World Economic Forum, Executive Opinion Survey

## 9.04 Internet users

Percentage of individuals using the Internet | 2011 or most recent year available

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Iceland.....	95.0	73	China.....	38.3
2	Norway.....	94.0	74	Moldova.....	38.0
3	Netherlands.....	92.3	75	Georgia.....	36.6
4	Sweden.....	91.0	76	Peru.....	36.5
5	Luxembourg.....	90.9	77	Mexico.....	36.2
6	Denmark.....	90.0	78	Egypt.....	35.6
7	Finland.....	89.4	79	Dominican Republic.....	35.5
8	Qatar.....	86.2	80	Vietnam.....	35.1
9	New Zealand.....	86.0	81	Mauritius.....	35.0
10	Switzerland.....	85.2	82	Jordan.....	34.9
11	Korea, Rep. ....	83.8	83	Cape Verde.....	32.0
12	Canada.....	83.0	83	Guyana.....	32.0
12	Germany.....	83.0	83	Suriname.....	32.0
14	United Kingdom.....	82.0	86	Jamaica.....	31.5
15	Austria.....	79.8	87	Ecuador.....	31.4
16	France.....	79.6	88	Ukraine.....	30.6
17	Japan.....	79.5	89	Bolivia.....	30.0
18	Australia.....	79.0	90	Philippines.....	29.0
19	Belgium.....	78.0	91	Nigeria.....	28.4
20	United States.....	77.9	92	Kenya.....	28.0
21	Bahrain.....	77.0	93	Paraguay.....	23.9
22	Ireland.....	76.8	94	Thailand.....	23.7
23	Estonia.....	76.5	95	Iran, Islamic Rep. ....	21.0
24	Singapore.....	75.0	95	South Africa.....	21.0
25	Hong Kong SAR.....	74.5	97	Kyrgyz Republic.....	20.0
26	Slovak Republic.....	74.4	97	Mongolia.....	20.0
27	Kuwait.....	74.2	99	Swaziland.....	18.1
28	Czech Republic.....	73.0	100	Indonesia.....	18.0
29	Slovenia.....	72.0	101	El Salvador.....	17.7
29	Taiwan, China.....	72.0	102	Senegal.....	17.5
31	Barbados.....	71.8	103	Libya.....	17.0
32	Latvia.....	71.7	104	Honduras.....	15.9
33	Croatia.....	70.7	105	Zimbabwe.....	15.7
34	Israel.....	70.0	106	Armenia <sup>1</sup> .....	15.3
34	United Arab Emirates.....	70.0	107	Sri Lanka.....	15.0
36	Malta.....	69.2	108	Yemen.....	14.9
37	Oman.....	68.0	109	Ghana.....	14.1
38	Spain.....	67.6	110	Algeria.....	14.0
39	Lithuania.....	65.1	111	Tajikistan.....	13.0
40	Poland.....	64.9	112	Uganda.....	13.0
41	Malaysia.....	61.0	113	Namibia.....	12.0
42	Bosnia and Herzegovina.....	60.0	113	Tanzania.....	12.0
43	Hungary.....	59.0	115	Guatemala.....	11.7
44	Cyprus.....	57.7	116	Zambia.....	11.5
45	Italy.....	56.8	117	Gambia, The.....	10.9
46	Macedonia, FYR.....	56.7	118	Nicaragua.....	10.6
47	Brunei Darussalam.....	56.0	119	India.....	10.1
48	Portugal.....	55.3	120	Nepal.....	9.0
49	Trinidad and Tobago.....	55.2	120	Pakistan.....	9.0
50	Chile.....	53.9	122	Haiti <sup>2</sup> .....	8.4
51	Greece.....	53.0	123	Gabon.....	8.0
52	Lebanon.....	52.0	124	Botswana.....	7.0
53	Uruguay.....	51.4	124	Rwanda.....	7.0
54	Bulgaria.....	51.0	126	Bangladesh.....	5.0
54	Morocco.....	51.0	126	Cameroon.....	5.0
56	Azerbaijan.....	50.0	128	Mauritania.....	4.5
57	Albania.....	49.0	129	Mozambique.....	4.3
57	Russian Federation.....	49.0	130	Lesotho.....	4.2
59	Puerto Rico.....	48.0	131	Benin.....	3.5
60	Argentina.....	47.7	132	Malawi.....	3.3
61	Saudi Arabia.....	47.5	133	Cambodia.....	3.1
62	Brazil.....	45.0	134	Burkina Faso.....	3.0
62	Kazakhstan.....	45.0	134	Liberia.....	3.0
64	Romania.....	44.0	136	Côte d'Ivoire.....	2.2
65	Seychelles.....	43.2	137	Mali.....	2.0
66	Panama.....	42.7	138	Chad.....	1.9
67	Serbia.....	42.2	138	Madagascar.....	1.9
68	Costa Rica.....	42.1	140	Guinea.....	1.3
69	Turkey.....	42.1	141	Burundi.....	1.1
70	Colombia.....	40.4	142	Ethiopia.....	1.1
71	Venezuela.....	40.2	143	Timor-Leste.....	0.9
72	Montenegro.....	40.0	144	Sierra Leone <sup>1</sup> .....	0.3

SOURCE: International Telecommunication Union, *World Telecommunication/ICT Indicators 2012* (June 2012 edition)

<sup>1</sup> 2009      <sup>2</sup> 2010

## 9.05 Fixed broadband Internet subscriptions

Fixed broadband Internet subscriptions per 100 population | 2011 or most recent year available

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Hong Kong SAR.....	42.6	73	Thailand.....	5.4
2	Switzerland.....	39.2	74	Lebanon.....	5.2
3	Netherlands.....	38.7	75	Armenia.....	5.0
4	Denmark.....	38.2	76	Suriname.....	4.5
5	Korea, Rep.....	36.9	77	Albania.....	4.3
6	Norway.....	36.5	78	Cape Verde.....	4.3
7	France.....	36.1	79	Vietnam.....	4.3
8	Iceland.....	33.9	80	Ecuador.....	4.2
9	Belgium.....	33.0	81	Dominican Republic.....	4.0
10	Luxembourg.....	32.9	82	Jamaica.....	3.9
11	United Kingdom.....	32.7	83	Peru.....	3.5
12	Germany.....	32.5	84	El Salvador.....	3.3
13	Canada.....	32.0	85	Jordan.....	3.2
14	Sweden.....	31.8	86	Mongolia.....	2.8
15	Malta.....	30.0	87	Algeria.....	2.8
16	Finland.....	29.5	88	Guyana.....	2.5
17	United States.....	28.7	89	Iran, Islamic Rep.....	2.4
18	Japan.....	27.4	90	Egypt.....	2.2
19	Estonia.....	27.1	91	Philippines.....	1.9
20	Austria.....	26.5	92	Oman.....	1.8
21	New Zealand.....	25.8	93	Morocco.....	1.8
22	Singapore.....	25.5	94	Guatemala <sup>2</sup> .....	1.8
23	Slovenia.....	24.8	95	South Africa.....	1.8
24	Australia.....	23.9	96	Nicaragua.....	1.8
25	Israel.....	23.8	97	Sri Lanka.....	1.7
26	Taiwan, China.....	23.7	98	Kuwait <sup>2</sup> .....	1.7
27	Spain.....	23.5	99	Indonesia.....	1.1
28	Italy.....	22.8	100	Libya.....	1.1
29	Hungary.....	22.2	101	India.....	1.0
30	Barbados.....	22.1	102	Paraguay.....	1.0
31	Lithuania.....	22.1	103	Venezuela.....	0.9
32	Ireland.....	22.1	104	Namibia.....	0.8
33	Greece.....	21.6	105	Botswana.....	0.8
34	Portugal.....	21.0	106	Senegal.....	0.7
35	Latvia.....	20.4	107	Bolivia.....	0.7
36	Croatia.....	19.5	108	Yemen.....	0.4
37	Cyprus.....	18.1	109	Pakistan.....	0.4
38	Czech Republic.....	15.7	110	Nepal.....	0.3
39	Bulgaria.....	15.5	111	Kyrgyz Republic.....	0.3
40	Romania.....	15.4	112	Gabon.....	0.3
41	Puerto Rico.....	14.9	113	Zimbabwe.....	0.3
42	Poland.....	14.4	114	Uganda.....	0.3
43	Bahrain.....	13.8	115	Ghana.....	0.3
44	Slovak Republic.....	13.6	116	Swaziland.....	0.2
45	Uruguay.....	13.5	117	Mauritania.....	0.2
46	Macedonia, FYR.....	13.2	118	Cambodia.....	0.2
47	Russian Federation.....	12.2	119	Nigeria.....	0.1
48	Chile.....	11.6	120	Kenya.....	0.1
49	China.....	11.6	121	Burkina Faso.....	0.1
50	Trinidad and Tobago.....	11.5	122	Côte d'Ivoire.....	0.1
51	Bosnia and Herzegovina.....	11.5	123	Tajikistan.....	0.1
52	United Arab Emirates.....	11.0	124	Mozambique.....	0.1
53	Serbia.....	10.8	125	Malawi.....	0.1
54	Azerbaijan.....	10.7	126	Zambia.....	0.1
55	Mexico.....	10.6	127	Timor-Leste.....	0.0
56	Argentina.....	10.5	128	Bangladesh.....	0.0
57	Turkey.....	10.3	129	Benin.....	0.0
58	Moldova.....	9.9	130	Rwanda.....	0.0
59	Seychelles.....	8.9	131	Ethiopia.....	0.0
60	Mauritius.....	8.9	132	Madagascar.....	0.0
61	Costa Rica.....	8.7	133	Honduras.....	0.0
62	Qatar.....	8.7	134	Gambia, The.....	0.0
63	Brazil.....	8.6	135	Lesotho <sup>2</sup> .....	0.0
64	Montenegro <sup>2</sup> .....	8.3	136	Mali.....	0.0
65	Panama.....	7.9	137	Tanzania.....	0.0
66	Georgia.....	7.6	138	Guinea.....	0.0
67	Kazakhstan.....	7.5	139	Cameroon.....	0.0
68	Malaysia.....	7.4	140	Burundi <sup>2</sup> .....	0.0
69	Ukraine.....	7.0	141	Liberia.....	0.0
70	Colombia.....	6.9	142	Chad.....	0.0
71	Saudi Arabia.....	5.7	143	Haiti.....	0.0
72	Brunei Darussalam.....	5.5	143	Sierra Leone <sup>1</sup> .....	0.0

SOURCE: International Telecommunication Union, *World Telecommunication/ICT Indicators 2012* (June 2012 edition)

<sup>1</sup> 2007      <sup>2</sup> 2010

## 9.06 Internet bandwidth

International Internet bandwidth (kb/s) per Internet user | 2011 or most recent year available

RANK	COUNTRY/ECONOMY	VALUE		RANK	COUNTRY/ECONOMY	VALUE	
1	Hong Kong SAR.....	964.6		73	Nicaragua .....	12.9	
2	Singapore .....	547.1		74	Mauritius .....	12.7	
3	Iceland .....	287.1		75	Philippines .....	12.4	
4	Sweden .....	244.4		76	Slovak Republic .....	12.3	
5	Switzerland .....	167.6		77	Hungary .....	12.2	
6	United Kingdom .....	166.1		78	Guyana .....	12.0	
7	Netherlands .....	162.5		79	Oman .....	11.6	
8	Denmark .....	159.5		80	Israel .....	11.3	
9	Norway .....	151.3		81	Dominican Republic .....	11.2	
10	Puerto Rico <sup>4</sup> .....	135.4		82	Libya .....	11.0	
11	Portugal .....	135.3		83	Malaysia .....	10.7	
12	Belgium .....	131.1		84	Thailand .....	10.6	
13	Finland .....	118.4		85	Vietnam .....	10.0	
14	Romania .....	114.5		86	Ukraine .....	9.8	
15	Moldova .....	91.1		87	Paraguay .....	9.5	
16	Czech Republic .....	91.1		88	Peru .....	9.3	
17	Luxembourg .....	89.6		89	Algeria .....	8.9	
18	Austria .....	81.9		90	Mexico .....	8.7	
19	France .....	78.6		91	Botswana .....	8.4	
20	Serbia .....	76.8		92	Venezuela .....	8.1	
21	Germany .....	74.8		93	Morocco .....	7.6	
22	Canada .....	70.2		94	Indonesia .....	7.2	
23	Ireland .....	69.0		95	Guatemala .....	6.9	
24	Slovenia .....	68.2		96	Armenia <sup>3</sup> .....	6.9	
25	Bulgaria .....	65.8		97	Egypt .....	6.8	
26	Spain .....	64.1		98	Ethiopia .....	6.5	
27	Italy .....	60.8		99	Jordan .....	6.3	
28	Lithuania .....	57.6		100	Kuwait <sup>4</sup> .....	6.0	
29	Mongolia .....	53.6		101	Seychelles .....	5.9	
30	Cyprus .....	53.6		102	Cape Verde .....	5.8	
31	Australia .....	50.4		103	Madagascar .....	5.7	
32	Malta .....	47.8		104	India .....	5.4	
33	United States .....	47.2		105	Sri Lanka .....	5.2	
34	Gabon .....	46.2		106	Mali .....	4.9	
35	Latvia .....	44.8		107	Honduras .....	4.9	
36	Panama .....	44.1		108	Pakistan .....	4.8	
37	Poland .....	40.2		109	Suriname .....	4.7	
38	Barbados .....	38.2		110	Kenya .....	4.5	
39	Costa Rica .....	36.2		111	Rwanda .....	4.4	
40	Taiwan, China .....	34.6		112	El Salvador .....	4.2	
41	Turkey .....	33.9		113	Bolivia .....	4.2	
42	Saudi Arabia .....	33.0		114	Mauritania .....	3.9	
43	Uruguay .....	32.1		115	Iran, Islamic Rep. ....	3.5	
44	Russian Federation .....	31.9		116	Benin .....	3.4	
45	Montenegro <sup>4</sup> .....	29.6		117	Bangladesh .....	2.9	
46	Brazil .....	29.0		118	Senegal .....	2.9	
47	Ecuador .....	27.7		119	China .....	2.7	
48	United Arab Emirates .....	27.6		120	Lesotho .....	2.4	
49	Greece .....	26.0		121	Namibia .....	2.3	
50	Argentina .....	25.7		122	Swaziland .....	2.3	
51	Estonia .....	24.4		123	Lebanon .....	2.3	
52	New Zealand .....	23.7		124	Burkina Faso .....	2.2	
53	Kazakhstan .....	23.6		125	Uganda .....	1.8	
54	Japan .....	23.1		126	Zimbabwe .....	1.7	
55	Jamaica .....	23.1		127	Guinea .....	1.7	
56	Qatar .....	22.3		128	Gambia, The .....	1.7	
57	Brunei Darussalam .....	22.0		129	Nepal .....	1.5	
58	Chile .....	20.4		130	Malawi .....	1.4	
59	Croatia .....	19.9		131	Mozambique .....	1.2	
60	Trinidad and Tobago .....	19.8		132	Yemen .....	1.1	
61	Azerbaijan .....	19.1		133	Tanzania .....	0.9	
62	Albania .....	19.0		134	Burundi .....	0.7	
63	South Africa .....	18.9		135	Kyrgyz Republic .....	0.6	
64	Côte d'Ivoire .....	18.0		136	Liberia .....	0.6	
65	Macedonia, FYR .....	17.9		137	Tajikistan <sup>2</sup> .....	0.5	
66	Bosnia and Herzegovina .....	17.8		138	Zambia .....	0.5	
67	Korea, Rep. ....	17.2		139	Nigeria .....	0.4	
68	Timor-Leste .....	17.1		140	Cameroon .....	0.3	
69	Colombia .....	16.8		141	Chad .....	0.2	
70	Georgia .....	15.8		142	Ghana .....	0.2	
71	Bahrain .....	14.7		143	Haiti <sup>2</sup> .....	0.2	
72	Cambodia .....	13.5		144	Sierra Leone <sup>1</sup> .....	0.1	

SOURCE: International Telecommunication Union, *World Telecommunication/ICT Indicators 2012* (June 2012 edition)

<sup>1</sup> 2002    <sup>2</sup> 2007    <sup>3</sup> 2009    <sup>4</sup> 2010

## 9.07 Mobile broadband subscriptions

Mobile broadband subscriptions per 100 population | 2011 or 2010

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Singapore .....	110.9	73	Turkey.....	8.8
2	Korea, Rep. ....	105.1	74	Morocco .....	8.0
3	Japan .....	93.7	75	Dominican Republic.....	7.7
4	Sweden .....	91.5	76	Croatia.....	6.6
5	Finland .....	87.1	77	Rwanda .....	6.4
6	Denmark.....	80.2	78	Brunei Darussalam.....	6.3
7	Luxembourg .....	66.7	79	Kuwait <sup>1</sup> .....	5.9
8	United States .....	65.5	80	Jordan .....	4.9
9	United Kingdom.....	62.3	81	Seychelles.....	4.7
10	Qatar .....	61.0	82	Mexico.....	4.6
11	Iceland.....	60.7	83	Paraguay .....	4.5
12	Ireland.....	59.4	84	Ukraine .....	4.4
13	New Zealand .....	53.0	85	Venezuela .....	4.2
14	Hong Kong SAR.....	51.8	86	Kyrgyz Republic.....	4.1
15	Netherlands .....	49.2	87	Guatemala .....	4.1
16	Poland .....	48.4	88	Colombia .....	3.7
17	Russian Federation .....	47.9	89	Honduras.....	3.7
18	France .....	44.0	90	Namibia .....	3.6
19	Austria .....	43.3	91	El Salvador.....	3.6
20	Czech Republic .....	43.1	92	Moldova.....	3.5
21	Australia.....	42.8	93	Philippines .....	3.4
22	Taiwan, China.....	42.7	94	Malawi .....	3.1
23	Estonia.....	42.0	95	Cape Verde .....	3.0
24	Israel .....	41.0	96	Uganda.....	2.8
25	Spain .....	40.9	97	Nigeria .....	2.8
26	Saudi Arabia.....	40.4	98	Sri Lanka .....	2.3
27	Kazakhstan .....	38.4	99	Cambodia.....	2.2
28	Oman .....	37.8	100	Costa Rica.....	2.0
29	Latvia.....	37.6	101	Bolivia.....	1.9
30	Switzerland .....	36.1	102	India.....	1.9
31	Germany.....	34.8	103	Lesotho <sup>1</sup> .....	1.7
32	Serbia .....	34.5	104	Libya <sup>1</sup> .....	1.6
33	Canada.....	32.9	105	Jamaica .....	1.5
34	Malta .....	32.6	106	Botswana .....	1.5
35	Slovak Republic.....	31.9	107	Senegal .....	1.5
36	Greece.....	31.8	108	Peru.....	1.4
37	Italy.....	31.3	109	Tanzania .....	1.2
38	Slovenia .....	29.3	110	Trinidad and Tobago.....	1.2
39	Portugal .....	27.4	111	Mozambique.....	1.0
40	Norway .....	24.4	112	Nicaragua .....	1.0
41	Cyprus.....	24.1	113	Swaziland .....	0.7
42	Ghana.....	23.0	114	Tajikistan <sup>1</sup> .....	0.6
43	Indonesia .....	22.2	115	Mauritania.....	0.5
44	United Arab Emirates.....	21.7	116	Gambia, The.....	0.5
45	Azerbaijan.....	21.5	117	Zambia .....	0.4
46	Egypt .....	21.0	118	Mali.....	0.4
47	Brazil.....	20.9	119	Kenya .....	0.3
48	Georgia.....	20.5	120	Ethiopia.....	0.3
49	South Africa .....	19.8	121	Pakistan.....	0.3
50	Belgium .....	19.4	122	Sierra Leone .....	0.3
51	Macedonia, FYR.....	18.7	123	Liberia.....	0.2
52	Vietnam .....	18.0	124	Yemen .....	0.1
53	Lithuania.....	17.2	125	Madagascar.....	0.1
54	Chile .....	17.1	126	Lebanon.....	0.0
55	Montenegro .....	15.3	127	Nepal.....	0.0
56	Zimbabwe.....	14.9	128	Algeria.....	0.0
57	Puerto Rico.....	14.7	128	Bangladesh.....	0.0
58	Bulgaria .....	14.5	128	Barbados.....	0.0
59	Panama .....	14.5	128	Benin .....	0.0
60	Romania .....	14.1	128	Burkina Faso.....	0.0
61	Hungary.....	13.2	128	Burundi.....	0.0
62	Mongolia.....	12.7	128	Cameroon.....	0.0
63	Mauritius.....	12.4	128	Chad.....	0.0
64	Malaysia.....	12.3	128	Côte d'Ivoire .....	0.0
65	Argentina.....	11.7	128	Gabon .....	0.0
66	Armenia <sup>1</sup> .....	11.4	128	Guinea.....	0.0
67	Ecuador.....	10.3	128	Guyana .....	0.0
68	Bahrain .....	9.5	128	Haiti .....	0.0
69	China.....	9.5	128	Iran, Islamic Rep. ....	0.0
70	Bosnia and Herzegovina .....	9.2	128	Suriname .....	0.0
71	Uruguay.....	9.0	128	Thailand .....	0.0
72	Albania.....	8.8	128	Timor-Leste .....	0.0

SOURCE: International Telecommunication Union, *ITU World Telecommunication/ICT Indicators Database 2012* (June 2012 edition); Informa Telecoms & Media; national sources

<sup>1</sup> 2010