

7.01 Quality of roads

How would you assess roads in your country? [1 = extremely underdeveloped; 7 = extensive and efficient by international standards] | 2011–2012 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.1	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.1	7
1	France	6.5				71	Greece	4.0			
2	United Arab Emirates	6.5				72	Kenya	3.9			
3	Singapore	6.5				73	Pakistan	3.9			
4	Portugal	6.4				74	Trinidad and Tobago	3.8			
5	Oman	6.4				75	Nicaragua	3.8			
6	Switzerland	6.4				76	Czech Republic	3.7			
7	Austria	6.3				77	Slovak Republic	3.7			
8	Hong Kong SAR	6.3				78	Guyana	3.7			
9	Finland	6.1				79	Armenia	3.7			
10	Germany	6.1				80	Uruguay	3.6			
11	Netherlands	6.0				81	Mali	3.6			
12	Saudi Arabia	6.0				82	Jamaica	3.6			
13	Spain	5.9				83	Norway	3.6			
14	Japan	5.9				84	Ghana	3.5			
15	Luxembourg	5.9				85	India	3.5			
16	Canada	5.9				86	Philippines	3.4			
17	Korea, Rep.	5.8				87	Algeria	3.4			
18	Bahrain	5.8				88	Malawi	3.4			
19	Denmark	5.7				89	Indonesia	3.4			
20	United States	5.7				90	Guatemala	3.3			
21	Taiwan, China	5.7				91	Honduras	3.3			
22	Cyprus	5.6				92	Montenegro	3.2			
23	Chile	5.6				93	Tanzania	3.2			
24	United Kingdom	5.6				94	Zimbabwe	3.2			
25	Sweden	5.6				95	Zambia	3.2			
26	Belgium	5.5				96	Senegal	3.2			
27	Malaysia	5.4				97	Tajikistan	3.2			
28	Ireland	5.4				98	Latvia	3.2			
29	Croatia	5.3				99	Peru	3.1			
30	Brunei Darussalam	5.2				100	Bolivia	3.1			
31	Iceland	5.2				101	Chad	3.1			
32	Lithuania	5.2				102	Benin	3.1			
33	Barbados	5.2				103	Malta	3.1			
34	Qatar	5.1				104	Argentina	3.0			
35	Namibia	5.1				105	Côte d'Ivoire	3.0			
36	Australia	5.1				106	Macedonia, FYR	3.0			
37	Puerto Rico	5.0				107	Egypt	2.9			
38	Slovenia	5.0				108	Uganda	2.9			
39	Thailand	5.0				109	Lesotho	2.9			
40	Rwanda	5.0				110	Cameroon	2.9			
41	New Zealand	4.9				111	Bangladesh	2.8			
42	South Africa	4.9				112	Nigeria	2.8			
43	Turkey	4.9				113	Lebanon	2.8			
44	Kuwait	4.9				114	Sierra Leone	2.8			
45	Jordan	4.8				115	Kazakhstan	2.7			
46	Israel	4.7				116	Yemen	2.7			
47	Swaziland	4.6				117	Mauritania	2.7			
48	Sri Lanka	4.6				118	Vietnam	2.7			
49	Panama	4.5				119	Burundi	2.7			
50	Mexico	4.5				120	Serbia	2.7			
51	Gambia, The	4.5				121	Brazil	2.7			
52	El Salvador	4.5				122	Poland	2.6			
53	Ecuador	4.4				123	Burkina Faso	2.6			
54	China	4.4				124	Colombia	2.6			
55	Botswana	4.4				125	Nepal	2.6			
56	Georgia	4.4				126	Venezuela	2.6			
57	Italy	4.3				127	Bulgaria	2.5			
58	Mauritius	4.3				128	Madagascar	2.5			
59	Albania	4.3				129	Costa Rica	2.5			
60	Seychelles	4.3				130	Paraguay	2.5			
61	Estonia	4.2				131	Kyrgyz Republic	2.5			
62	Dominican Republic	4.2				132	Bosnia and Herzegovina	2.5			
63	Suriname	4.1				133	Mozambique	2.4			
64	Ethiopia	4.1				134	Russian Federation	2.3			
65	Cape Verde	4.1				135	Ukraine	2.3			
66	Cambodia	4.0				136	Guinea	2.0			
67	Azerbaijan	4.0				137	Mongolia	2.0			
68	Iran, Islamic Rep.	4.0				138	Romania	1.9			
69	Hungary	4.0				139	Haiti	1.8			
70	Morocco	4.0				140	Moldova	1.5			

Source: World Economic Forum, Executive Opinion Survey

7.02 Quality of railroad infrastructure

How would you assess the railroad system in your country? [1 = extremely underdeveloped; 7 = extensive and efficient by international standards] | 2011–2012 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 3.1	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 3.1	7
1	Switzerland	6.8				71	Bangladesh	2.5			
2	Japan	6.6				72	Bosnia and Herzegovina	2.5			
3	Hong Kong SAR	6.4				73	Cameroon	2.5			
4	France	6.3				74	Zimbabwe	2.4			
5	Singapore	5.7				75	Poland	2.4			
6	Finland	5.7				76	Ecuador	2.3			
7	Germany	5.7				77	Kyrgyz Republic	2.3			
8	Spain	5.7				78	Zambia	2.3			
9	Netherlands	5.7				79	Cambodia	2.3			
10	Korea, Rep.	5.6				80	Tanzania	2.3			
11	Taiwan, China	5.5				81	Romania	2.2			
12	Austria	5.3				82	Malawi	2.2			
13	Belgium	5.2				83	Nicaragua	2.2			
14	Luxembourg	5.2				84	Puerto Rico	2.1			
15	Canada	5.0				85	Côte d'Ivoire	2.1			
16	United Kingdom	5.0				86	Brunei Darussalam	2.1			
17	Malaysia	4.9				87	Mozambique	2.0			
18	United States	4.8				88	Algeria	2.0			
19	Denmark	4.8				89	Mauritania	2.0			
20	Lithuania	4.7				90	Burkina Faso	2.0			
21	Sweden	4.7				91	Macedonia, FYR	1.9			
22	China	4.6				92	Philippines	1.9			
23	Czech Republic	4.6				93	Nigeria	1.9			
24	Ukraine	4.5				94	Jordan	1.9			
25	Slovak Republic	4.5				95	Peru	1.9			
26	Portugal	4.5				96	Madagascar	1.9			
27	India	4.4				97	Guyana	1.8			
28	Australia	4.3				98	Brazil	1.8			
29	Kazakhstan	4.3				99	El Salvador	1.8			
30	Russian Federation	4.2				100	Serbia	1.7			
31	Ireland	4.1				101	Argentina	1.7			
32	Panama	4.0				102	Ghana	1.7			
33	Latvia	4.0				103	Senegal	1.7			
34	Georgia	4.0				104	Costa Rica	1.7			
35	Azerbaijan	3.9				105	Benin	1.6			
36	Morocco	3.9				106	Guinea	1.6			
37	Sri Lanka	3.8				107	Colombia	1.6			
38	Saudi Arabia	3.7				108	Lesotho	1.6			
39	Namibia	3.7				109	Uganda	1.4			
40	Italy	3.6				110	Ethiopia	1.4			
41	New Zealand	3.6				111	Venezuela	1.4			
42	Hungary	3.5				112	Sierra Leone	1.3			
43	Tajikistan	3.5				113	Uruguay	1.3			
44	Estonia	3.5				114	Haiti	1.3			
45	Iran, Islamic Rep.	3.4				115	Jamaica	1.3			
46	South Africa	3.4				116	Guatemala	1.2			
47	Norway	3.3				117	Albania	1.2			
48	Swaziland	3.2				118	Honduras	1.1			
49	Croatia	3.2				119	Suriname	1.1			
50	Israel	3.2				120	Nepal	1.1			
51	Indonesia	3.2				121	Paraguay	1.1			
52	Egypt	3.1				122	Lebanon	1.0			
53	Turkey	3.1				n/a	Bahrain	n/a			
54	Slovenia	3.1				n/a	Barbados	n/a			
55	Botswana	3.1				n/a	Burundi	n/a			
56	Bulgaria	3.0				n/a	Cape Verde	n/a			
57	Bolivia	3.0				n/a	Chad	n/a			
58	Montenegro	2.9				n/a	Cyprus	n/a			
59	Mexico	2.8				n/a	Gambia, The	n/a			
60	Mali	2.7				n/a	Iceland	n/a			
61	Dominican Republic	2.7				n/a	Kuwait	n/a			
62	Armenia	2.6				n/a	Malta	n/a			
63	Chile	2.6				n/a	Mauritius	n/a			
64	Thailand	2.6				n/a	Oman	n/a			
65	Pakistan	2.6				n/a	Qatar	n/a			
66	Vietnam	2.6				n/a	Rwanda	n/a			
67	Greece	2.5				n/a	Seychelles	n/a			
68	Moldova	2.5				n/a	Trinidad and Tobago	n/a			
69	Mongolia	2.5				n/a	United Arab Emirates	n/a			
70	Kenya	2.5				n/a	Yemen	n/a			

Source: World Economic Forum, Executive Opinion Survey

7.03 Quality of port infrastructure

How would you assess port facilities in your country? * For landlocked countries, how accessible are port facilities? [1 = extremely underdeveloped; 7 = well developed and efficient by international standards] | 2011–2012 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.3	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.3	7
1	Netherlands	6.8				71	Lebanon	4.1			
2	Singapore	6.8				72	Kuwait	4.1			
3	Hong Kong SAR	6.5				73	Mali	4.1			
4	Panama	6.4				74	Ukraine	4.0			
5	United Arab Emirates	6.4				75	Ghana	4.0			
6	Belgium	6.3				76	Croatia	4.0			
7	Finland	6.3				77	Azerbaijan	4.0			
8	Iceland	6.2				78	Egypt	4.0			
9	Germany	6.0				79	India	4.0			
10	Bahrain	6.0				80	Iran, Islamic Rep.	4.0			
11	Sweden	5.9				81	Slovak Republic	4.0			
12	United Kingdom	5.8				82	Hungary	4.0			
13	Denmark	5.8				83	Guatemala	4.0			
14	Spain	5.8				84	Cape Verde	3.9			
15	Malta	5.7				85	El Salvador	3.9			
16	Canada	5.7				86	Israel	3.9			
17	Barbados	5.6				87	Ecuador	3.9			
18	Estonia	5.6				88	Italy	3.9			
19	United States	5.6				89	Uganda	3.8			
20	Korea, Rep.	5.5				90	Kenya	3.8			
21	Malaysia	5.5				91	Trinidad and Tobago	3.8			
22	New Zealand	5.5				92	Russian Federation	3.7			
23	Luxembourg	5.5				93	Malawi	3.7			
24	Oman	5.4				94	Benin	3.7			
25	Norway	5.4				95	Albania	3.7			
26	France	5.4				96	Botswana	3.7			
27	Namibia	5.4				97	Mauritania	3.7			
28	Saudi Arabia	5.3				98	Cameroon	3.7			
29	Taiwan, China	5.3				99	Bulgaria	3.7			
30	Ireland	5.3				100	Argentina	3.6			
31	Japan	5.2				101	Montenegro	3.6			
32	Puerto Rico	5.2				102	Burkina Faso	3.6			
33	Slovenia	5.2				103	Indonesia	3.6			
34	Chile	5.2				104	Paraguay	3.6			
35	Lithuania	5.2				105	Nigeria	3.6			
36	Qatar	5.2				106	Guinea	3.5			
37	Switzerland	5.2				107	Poland	3.5			
38	Australia	5.1				108	Rwanda	3.5			
39	Jamaica	5.1				109	Ethiopia	3.5			
40	Portugal	5.0				110	Peru	3.5			
41	Cyprus	5.0				111	Vietnam	3.4			
42	Suriname	5.0				112	Lesotho	3.4			
43	Seychelles	5.0				113	Kazakhstan	3.4			
44	Austria	4.9				114	Mozambique	3.4			
45	Sri Lanka	4.9				115	Tanzania	3.3			
46	Uruguay	4.9				116	Sierra Leone	3.3			
47	Gambia, The	4.8				117	Guyana	3.3			
48	Mauritius	4.8				118	Philippines	3.3			
49	Morocco	4.8				119	Bangladesh	3.3			
50	Latvia	4.8				120	Bolivia	3.3			
51	Dominican Republic	4.7				121	Madagascar	3.2			
52	South Africa	4.7				122	Nicaragua	3.2			
53	Côte d'Ivoire	4.6				123	Colombia	3.2			
54	Czech Republic	4.6				124	Mongolia	3.0			
55	Honduras	4.6				125	Armenia	3.0			
56	Thailand	4.6				126	Yemen	3.0			
57	Brunei Darussalam	4.5				127	Moldova	3.0			
58	Senegal	4.5				128	Chad	2.8			
59	China	4.4				129	Algeria	2.7			
60	Pakistan	4.4				130	Nepal	2.7			
61	Zimbabwe	4.4				131	Serbia	2.7			
62	Jordan	4.4				132	Brazil	2.6			
63	Turkey	4.4				133	Burundi	2.6			
64	Mexico	4.3				134	Romania	2.6			
65	Georgia	4.3				135	Venezuela	2.5			
66	Greece	4.2				136	Costa Rica	2.4			
67	Macedonia, FYR	4.2				137	Haiti	1.9			
68	Swaziland	4.2				138	Bosnia and Herzegovina	1.7			
69	Cambodia	4.2				139	Tajikistan	1.7			
70	Zambia	4.1				140	Kyrgyz Republic	1.5			

Source: World Economic Forum, Executive Opinion Survey

7.04 Quality of ground transport network

To what extent does your national ground transport network (buses, trains, trucks, taxis, etc.) offer efficient transportation within your country? [1 = not at all; 7 = extremely well] | 2011–2012 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.5	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.5	7
1	Switzerland	6.7				71	Swaziland	4.4			
2	Hong Kong SAR	6.5				72	Puerto Rico	4.4			
3	Singapore	6.3				73	Mali	4.4			
4	Finland	6.2				74	Montenegro	4.4			
5	Germany	6.2				75	Honduras	4.4			
6	Japan	6.2				76	Armenia	4.4			
7	Netherlands	6.1				77	Senegal	4.4			
8	United Arab Emirates	6.1				78	Poland	4.3			
9	Taiwan, China	6.0				79	Ghana	4.3			
10	Spain	6.0				80	Uganda	4.3			
11	France	6.0				81	Ecuador	4.3			
12	Denmark	5.9				82	Namibia	4.3			
13	Czech Republic	5.9				83	Trinidad and Tobago	4.2			
14	Korea, Rep.	5.9				84	El Salvador	4.2			
15	Austria	5.8				85	Moldova	4.2			
16	Barbados	5.8				86	Russian Federation	4.2			
17	Portugal	5.8				87	Guatemala	4.2			
18	Sweden	5.7				88	Malta	4.2			
19	Canada	5.6				89	Bulgaria	4.2			
20	Belgium	5.6				90	Argentina	4.2			
21	Saudi Arabia	5.5				91	Egypt	4.1			
22	United Kingdom	5.5				92	Pakistan	4.1			
23	United States	5.4				93	Yemen	4.1			
24	Iceland	5.4				94	Hungary	4.1			
25	Chile	5.4				95	Morocco	4.0			
26	Luxembourg	5.4				96	Tanzania	4.0			
27	Lithuania	5.4				97	Cameroon	4.0			
28	Turkey	5.3				98	Cambodia	4.0			
29	Uruguay	5.2				99	Brazil	4.0			
30	Gambia, The	5.1				100	Macedonia, FYR	4.0			
31	Australia	5.1				101	Peru	4.0			
32	New Zealand	5.1				102	Malawi	4.0			
33	Estonia	5.1				103	Serbia	4.0			
34	Malaysia	5.1				104	Botswana	4.0			
35	Jordan	5.0				105	Indonesia	4.0			
36	Mexico	4.9				106	South Africa	3.9			
37	Slovenia	4.9				107	Cape Verde	3.9			
38	Seychelles	4.9				108	Colombia	3.9			
39	Kyrgyz Republic	4.9				109	Nigeria	3.9			
40	Qatar	4.9				110	Italy	3.8			
41	Croatia	4.9				111	Algeria	3.8			
42	Greece	4.9				112	Ethiopia	3.8			
43	Kazakhstan	4.8				113	Burkina Faso	3.8			
44	Azerbaijan	4.8				114	Nicaragua	3.8			
45	Ireland	4.8				115	Philippines	3.7			
46	Zambia	4.8				116	Lesotho	3.7			
47	Rwanda	4.8				117	Benin	3.7			
48	Latvia	4.8				118	Albania	3.7			
49	China	4.7				119	Côte d'Ivoire	3.6			
50	Sri Lanka	4.7				120	Vietnam	3.6			
51	Ukraine	4.7				121	Bosnia and Herzegovina	3.6			
52	India	4.6				122	Zimbabwe	3.6			
53	Thailand	4.6				123	Burundi	3.6			
54	Norway	4.6				124	Brunei Darussalam	3.6			
55	Panama	4.6				125	Mauritania	3.6			
56	Kenya	4.6				126	Nepal	3.5			
57	Guyana	4.6				127	Chad	3.5			
58	Tajikistan	4.6				128	Suriname	3.5			
59	Georgia	4.6				129	Bolivia	3.4			
60	Cyprus	4.6				130	Romania	3.4			
61	Oman	4.5				131	Madagascar	3.4			
62	Bahrain	4.5				132	Sierra Leone	3.3			
63	Dominican Republic	4.5				133	Bangladesh	3.3			
64	Iran, Islamic Rep.	4.5				134	Mongolia	3.3			
65	Slovak Republic	4.5				135	Mozambique	3.2			
66	Kuwait	4.5				136	Venezuela	3.2			
67	Israel	4.5				137	Paraguay	3.0			
68	Jamaica	4.5				138	Lebanon	2.9			
69	Mauritius	4.5				139	Guinea	2.3			
70	Costa Rica	4.5				140	Haiti	2.2			

Source: World Economic Forum, Executive Opinion Survey

7.05 Road density

Kilometers of road per 100 square kilometers of land | 2009 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Malta ²	968.0	71	Pakistan	32.0
2	Bahrain	675.0	72	South Africa ⁹	30.0
3	Belgium	504.0	73	Malaysia ⁶	30.0
4	Singapore	473.0	74	Uganda ⁷	29.0
5	Barbados ⁶	372.0	75	Georgia ³	29.0
6	Netherlands	329.0	75	Norway	29.0
7	Japan	320.0	77	Ukraine	28.0
8	Puerto Rico ²	301.0	78	Armenia	26.0
9	Hungary	212.0	79	Dominican Republic ⁹	26.0
10	Luxembourg ⁶	202.0	80	Côte d'Ivoire ³	25.0
11	Jamaica	201.0	80	Indonesia	25.0
12	Slovenia	192.0	80	Zimbabwe ⁸	25.0
13	Hong Kong SAR	188.0	83	Finland	23.0
14	Germany	180.0	84	Brazil ⁶	21.0
15	France	173.0	84	Cambodia ⁶	21.0
15	Switzerland	173.0	84	Nigeria ⁶	21.0
17	United Kingdom	172.0	87	Swaziland ⁸	21.0
18	Denmark	170.0	88	Lesotho ⁹	20.0
19	Bangladesh ⁷	166.0	89	Mexico	19.0
19	Czech Republic ²	166.0	89	Panama	19.0
21	Trinidad and Tobago ⁹	162.0	91	Tajikistan ⁹	19.0
22	Italy ⁵	162.0	92	Guinea ⁷	18.0
23	Sri Lanka ⁷	148.0	92	Oman	18.0
24	Ireland ²	137.0	94	Benin ⁶	17.0
25	Cyprus	134.0	94	Ecuador ³	17.0
26	Spain ³	132.0	94	Kyrgyz Republic ³	17.0
27	Estonia	129.0	94	Nicaragua	17.0
27	Sweden	129.0	98	Haiti ⁹	15.0
29	Austria	127.0	99	Colombia	15.0
30	India ²	125.0	100	Canada	14.0
30	Lithuania	125.0	100	Nepal ²	14.0
32	Poland	123.0	100	Yemen ⁵	14.0
33	Taiwan, China ¹	113.0	103	Iceland	13.0
34	Seychelles	110.0	103	Malawi ⁷	13.0
35	Latvia	107.0	103	Montenegro	13.0
36	Korea, Rep.	105.0	103	Morocco	13.0
37	Mauritius	101.0	107	Guatemala ⁹	13.0
38	Portugal ⁵	90.0	108	Honduras ⁹	12.0
39	Greece	89.0	108	Zambia ⁹	12.0
39	Slovak Republic	89.0	110	Australia	11.0
41	Israel	83.0	110	Iran, Islamic Rep.	11.0
41	Romania ⁶	83.0	110	Kenya	11.0
43	Costa Rica	76.0	110	Saudi Arabia ⁵	11.0
44	Lebanon ⁵	67.0	110	Tanzania	11.0
44	Philippines ⁷	67.0	115	Venezuela ⁹	11.0
44	Qatar ⁴	67.0	116	Chile	10.0
44	United States	67.0	116	Egypt	10.0
48	Albania ⁸	63.0	116	Peru	10.0
49	Azerbaijan ⁴	61.0	119	Jordan	9.0
50	Macedonia, FYR	54.0	120	Argentina ⁷	8.0
51	Rwanda ⁶	53.0	120	Paraguay ²	8.0
52	Croatia	52.0	120	Senegal	8.0
53	Brunei Darussalam ³	51.0	123	Madagascar ⁹	8.0
54	Serbia	50.0	124	Bolivia	7.0
55	Vietnam ³	48.0	125	Cameroon ²	6.0
56	El Salvador ⁹	48.0	125	Russian Federation	6.0
57	Ghana	46.0	127	Algeria	5.0
57	Turkey	46.0	127	Namibia	5.0
59	Burundi ⁶	44.0	127	United Arab Emirates ²	5.0
59	Uruguay ⁶	44.0	130	Botswana ⁵	4.0
61	Bosnia and Herzegovina ⁵	43.0	130	Ethiopia ³	4.0
62	China	40.0	130	Kazakhstan	4.0
63	Moldova	38.0	130	Mozambique	4.0
64	Kuwait	37.0	134	Guyana ⁹	4.0
65	Bulgaria ⁵	36.0	135	Chad ⁴	3.0
66	New Zealand	35.0	135	Suriname ⁷	3.0
66	Thailand ⁴	35.0	137	Mongolia ⁸	3.0
68	Burkina Faso ⁶	34.0	138	Mali	2.0
69	Cape Verde ⁹	33.0	139	Mauritania ³	1.0
70	Gambia, The ⁶	33.0	n/a	Sierra Leone	n/a

Source: The World Bank, *World Development Indicators* (September 2012 edition)

¹ 2011 ² 2008 ³ 2007 ⁴ 2006 ⁵ 2005 ⁶ 2004 ⁷ 2003 ⁸ 2002 ⁹ 2001