

## Global Innovation Index 2021 rankings

GII rank	Economy	Score	Income group rank	Region rank	GII rank	Economy	Score	Income group rank	Region rank
1	Switzerland	65.5	1	1	67	Colombia	31.7	17	6
2	Sweden	63.1	2	2	68	Qatar	31.5	45	7
3	United States of America	61.3	3	1	69	Armenia	31.4	18	8
4	United Kingdom	59.8	4	3	70	Peru	31.2	19	7
5	Republic of Korea	59.3	5	1	71	Tunisia	30.7	7	9
6	Netherlands	58.6	6	4	72	Kuwait	29.9	46	10
7	Finland	58.4	7	5	73	Argentina	29.8	20	8
8	Singapore	57.8	8	2	74	Jamaica	29.6	21	9
9	Denmark	57.3	9	6	75	Bosnia and Herzegovina	29.6	22	38
10	Germany	57.3	10	7	76	Oman	29.4	47	11
11	France	55.0	11	8	77	Morocco	29.3	8	12
12	China	54.8	1	3	78	Bahrain	28.8	48	13
13	Japan	54.5	12	4	79	Kazakhstan	28.6	23	3
14	Hong Kong, China	53.7	13	5	80	Azerbaijan	28.4	24	14
15	Israel	53.4	14	1	81	Jordan	28.3	25	15
16	Canada	53.1	15	2	82	Brunei Darussalam	28.2	49	13
17	Iceland	51.8	16	9	83	Panama	28.0	50	10
18	Austria	50.9	17	10	84	Albania	28.0	26	39
19	Ireland	50.7	18	11	85	Kenya	27.5	9	3
20	Norway	50.4	19	12	86	Uzbekistan	27.4	10	4
21	Estonia	49.9	20	13	87	Indonesia	27.1	27	14
22	Belgium	49.2	21	14	88	Paraguay	26.4	28	11
23	Luxembourg	49.0	22	15	89	Cabo Verde	25.7	11	4
24	Czech Republic	49.0	23	16	90	United Republic of Tanzania	25.6	12	5
25	Australia	48.3	24	6	91	Ecuador	25.4	29	12
26	New Zealand	47.5	25	7	92	Lebanon	25.1	30	16
27	Malta	47.1	26	17	93	Dominican Republic	25.1	31	13
28	Cyprus	46.7	27	2	94	Egypt	25.1	13	17
29	Italy	45.7	28	18	95	Sri Lanka	25.1	14	5
30	Spain	45.4	29	19	96	El Salvador	25.0	15	14
31	Portugal	44.2	30	20	97	Trinidad and Tobago	24.8	51	15
32	Slovenia	44.1	31	21	98	Kyrgyzstan	24.5	16	6
33	United Arab Emirates	43.0	32	3	99	Pakistan	24.4	17	7
34	Hungary	42.7	33	22	100	Namibia	24.3	32	6
35	Bulgaria	42.4	2	23	101	Guatemala	24.1	33	16
36	Malaysia	41.9	3	8	102	Rwanda	23.9	1	7
37	Slovakia	40.2	34	24	103	Tajikistan	23.9	2	8
38	Latvia	40.0	35	25	104	Bolivia (Plurinational State of)	23.4	18	17
39	Lithuania	39.9	36	26	105	Senegal	23.3	19	8
40	Poland	39.9	37	27	106	Botswana	22.9	34	9
41	Turkey	38.3	4	4	107	Malawi	22.9	3	10
42	Croatia	37.3	38	28	108	Honduras	22.8	20	18
43	Thailand	37.2	5	9	109	Cambodia	22.8	21	15
44	Viet Nam	37.0	1	10	110	Madagascar	22.5	4	11
45	Russian Federation	36.6	6	29	111	Nepal	22.5	22	9
46	India	36.4	2	1	112	Ghana	22.3	23	12
47	Greece	36.3	39	30	113	Zimbabwe	21.9	24	13
48	Romania	35.6	40	31	114	Côte d'Ivoire	21.0	25	14
49	Ukraine	35.6	3	32	115	Burkina Faso	20.5	5	15
50	Montenegro	35.4	7	33	116	Bangladesh	20.2	26	10
51	Philippines	35.3	4	11	117	Lao People's Democratic Republic	20.2	27	16
52	Mauritius	35.2	41	1	118	Nigeria	20.1	28	16
53	Chile	35.1	42	1	119	Uganda	20.0	6	17
54	Serbia	35.0	8	34	120	Algeria	19.9	29	18
55	Mexico	34.5	9	2	121	Zambia	19.8	30	18
56	Costa Rica	34.5	10	3	122	Mozambique	19.7	7	19
57	Brazil	34.2	11	4	123	Cameroon	19.7	31	20
58	Mongolia	34.2	5	12	124	Mali	19.5	8	21
59	North Macedonia	34.1	12	35	125	Togo	19.3	9	22
60	Iran (Islamic Republic of)	32.9	13	2	126	Ethiopia	18.6	10	23
61	South Africa	32.7	14	2	127	Myanmar	18.4	32	17
62	Belarus	32.6	15	36	128	Benin	18.0	33	24
63	Georgia	32.4	16	5	129	Niger	17.8	11	25
64	Republic of Moldova	32.3	6	37	130	Guinea	16.7	12	26
65	Uruguay	32.2	43	5	131	Yemen	15.4	13	19
66	Saudi Arabia	31.8	44	6	132	Angola	15.0	34	27

Source: Global Innovation Index Database, WIPO, 2021.

Note: For an explanation of classifications, see Economy profiles, note 1.

High-income  
Upper middle-income  
Lower middle-income  
Low-income

Europe  
Northern America  
Latin America and the Caribbean

South East Asia, East Asia, and Oceania  
Central and Southern Asia

Northern Africa and Western Asia  
Sub-Saharan Africa

## Innovation performance at different income levels, 2021

	High-income group	Upper middle-income group	Lower middle-income group	Low-income group	
<b>Performance above expectations for level of development</b>	Switzerland	China	Viet Nam	Rwanda	
	Sweden	Bulgaria	India	Malawi	
	United States of America	Thailand	Ukraine	Madagascar	
	United Kingdom	Brazil	Philippines	Tajikistan	
	Republic of Korea	Iran (Islamic Republic of)	Mongolia	Burkina Faso	
	Netherlands	South Africa	Republic of Moldova	Uganda	
	Finland	Peru	Tunisia	Mozambique	
	Singapore	Malaysia	Morocco	Mali	
	Denmark	Turkey	Kenya	Togo	
	Germany	Russian Federation	United Republic of Tanzania	Niger	
	France	Montenegro	Uzbekistan	Ethiopia	
	Japan	Serbia	Cabo Verde	Guinea	
	Hong Kong, China	Mexico	El Salvador	Yemen	
	Israel	Costa Rica	Kyrgyzstan		
	Canada	North Macedonia	Pakistan		
	Iceland	Belarus	Bolivia (Plurinational State of)		
	Austria	Georgia	Senegal		
	Ireland	Colombia	Honduras		
	Norway	Armenia	Cambodia		
	Estonia	Jamaica	Nepal		
	Belgium	Bosnia and Herzegovina	Ghana		
	Luxembourg	Azerbaijan	Zimbabwe		
	Czech Republic	Jordan	Zambia		
Australia	Albania	Egypt			
<b>Performance in line with level of development</b>	New Zealand	Indonesia	Sri Lanka		
	Malta	Paraguay	Côte d'Ivoire		
	Cyprus	Ecuador	Bangladesh		
	Italy	Namibia	Lao People's Democratic Republic		
	Spain	Guatemala	Republic		
	Portugal	Argentina	Nigeria		
	Slovenia	Kazakhstan	Algeria		
	Hungary	Lebanon	Cameroon		
	Slovakia	Dominican Republic	Myanmar		
	Latvia	Botswana	Benin		
	Poland		Angola		
	Croatia				
	Mauritius				
	Chile				
	Uruguay				
	<b>All other economies</b>	United Arab Emirates			
		Lithuania			
Greece					
Romania					
Saudi Arabia					
Qatar					
Kuwait					
Oman					
Bahrain					
Brunei Darussalam					
Panama					
Trinidad and Tobago					

Source: Global Innovation Index Database, WIPO, 2021.

**Table 5**  
GII 2021 rankings overall and by pillar

Country/Economy	Overall GII	Institutions	Human capital and research	Infrastructure	Market sophistication	Business sophistication	Knowledge and technology outputs	Creative outputs
Switzerland	1	13	6	2	6	4	1	2
Sweden	2	9	2	3	11	1	2	5
United States of America	3	12	11	23	2	2	3	12
United Kingdom	4	15	10	10	4	21	10	4
Republic of Korea	5	28	1	12	18	7	8	8
Netherlands	6	6	14	16	31	5	7	7
Finland	7	2	4	11	19	6	5	16
Singapore	8	1	9	15	5	3	13	17
Denmark	9	8	5	5	7	11	14	13
Germany	10	17	3	21	20	12	9	11
France	11	19	15	17	17	19	16	6
China	12	61	21	24	16	13	4	14
Japan	13	7	20	9	15	10	11	18
Hong Kong, China	14	11	25	6	3	24	62	1
Israel	15	34	19	40	8	8	6	30
Canada	16	5	18	30	1	20	23	19
Iceland	17	14	23	25	25	18	25	10
Austria	18	16	7	7	40	15	19	27
Ireland	19	18	27	4	48	17	15	29
Norway	20	3	13	1	21	23	28	25
Estonia	21	22	34	8	10	29	22	15
Belgium	22	23	8	35	33	16	17	36
Luxembourg	23	27	40	33	53	9	38	3
Czech Republic	24	32	33	19	50	25	12	22
Australia	25	10	12	20	9	26	42	24
New Zealand	26	4	17	22	14	30	39	23
Malta	27	37	41	18	63	14	44	9
Cyprus	28	26	42	28	46	28	21	20
Italy	29	36	31	26	43	32	18	34
Spain	30	31	30	13	32	35	26	32
Portugal	31	25	24	31	56	41	34	26
Slovenia	32	20	28	27	71	27	32	38
United Arab Emirates	33	30	22	14	26	22	59	40
Hungary	34	42	36	32	65	31	20	47
Bulgaria	35	47	65	36	72	42	27	21
Malaysia	36	41	39	51	30	39	31	37
Slovakia	37	39	58	39	73	43	30	43
Latvia	38	29	46	55	45	40	45	39
Lithuania	39	33	43	42	35	45	49	41
Poland	40	38	37	41	60	38	36	50
Turkey	41	93	26	48	49	46	50	35
Croatia	42	46	47	29	67	55	47	54
Thailand	43	64	63	61	27	36	40	55
Viet Nam	44	83	79	79	22	47	41	42
Russian Federation	45	67	29	63	61	44	48	56
India	46	62	54	81	28	52	29	68
Greece	47	51	16	45	70	60	52	69
Romania	48	53	76	37	76	54	35	72
Ukraine	49	91	44	94	88	53	33	48
Montenegro	50	48	59	60	41	67	78	33
Philippines	51	90	80	86	86	33	24	65
Mauritius	52	21	71	65	29	111	93	31
Chile	53	40	51	47	66	48	58	60
Serbia	54	50	62	44	58	63	43	76
Mexico	55	77	56	67	55	56	53	52
Costa Rica	56	66	61	71	85	49	56	45
Brazil	57	78	48	69	75	34	51	66
Mongolia	58	76	81	91	13	71	85	28
North Macedonia	59	52	73	49	12	65	57	83
Iran (Islamic Republic of)	60	124	49	70	82	115	46	46
South Africa	61	55	67	83	23	51	61	79
Belarus	62	85	38	59	101	69	37	93
Georgia	63	35	60	85	34	61	75	74
Republic of Moldova	64	81	77	82	74	87	54	53
Uruguay	65	44	64	53	108	81	63	64
Saudi Arabia	66	101	32	54	39	89	69	78
Colombia	67	56	78	57	42	50	72	82
Qatar	68	57	75	34	83	96	79	63
Armenia	69	65	94	80	99	98	64	49
Peru	70	70	53	78	38	37	87	77

**Table 5**  
**GII 2021 rankings overall and by pillar** (continued)

Country/Economy	Overall GII	Institutions	Human capital and research	Infrastructure	Market sophistication	Business sophistication	Knowledge and technology outputs	Creative outputs
Tunisia	71	75	35	89	98	114	55	80
Kuwait	72	86	69	43	94	100	60	89
Argentina	73	102	50	64	110	57	73	73
Jamaica	74	43	86	104	116	58	95	51
Bosnia and Herzegovina	75	82	68	52	51	99	66	99
Oman	76	71	45	56	84	94	107	71
Morocco	77	74	82	84	91	105	67	70
Bahrain	78	49	83	38	78	90	82	106
Kazakhstan	79	45	66	58	80	78	86	110
Azerbaijan	80	58	89	88	36	92	115	67
Jordan	81	63	84	102	47	85	76	88
Brunei Darussalam	82	24	52	46	106	84	130	85
Panama	83	69	99	50	97	103	113	58
Albania	84	60	90	62	79	68	103	81
Kenya	85	80	92	114	54	77	65	95
Uzbekistan	86	94	72	72	24	123	77	113
Indonesia	87	107	91	68	57	110	74	91
Paraguay	88	110	98	77	89	66	117	62
Cabo Verde	89	88	95	66	128	74	122	59
United Republic of Tanzania	90	103	125	105	109	119	100	44
Ecuador	91	126	97	74	44	97	97	86
Lebanon	92	112	87	100	90	64	91	92
Dominican Republic	93	96	102	75	104	86	108	84
Egypt	94	114	93	92	96	106	70	104
Sri Lanka	95	119	118	73	118	62	68	100
El Salvador	96	98	106	99	105	80	124	57
Trinidad and Tobago	97	72	100	90	119	104	83	103
Kyrgyzstan	98	95	70	87	52	107	102	120
Pakistan	99	99	117	117	120	88	71	87
Namibia	100	73	57	112	92	112	119	105
Guatemala	101	117	120	122	77	79	90	75
Rwanda	102	54	114	101	93	82	96	117
Tajikistan	103	118	85	126	37	129	80	107
Bolivia (Plurinational State of)	104	131	55	106	59	75	112	111
Senegal	105	68	104	108	107	131	88	109
Botswana	106	59	130	93	113	73	101	112
Malawi	107	105	122	127	81	95	84	97
Honduras	108	121	96	116	62	72	118	102
Cambodia	109	111	109	107	69	117	111	98
Madagascar	110	108	116	132	122	125	99	61
Nepal	111	115	115	98	68	59	121	108
Ghana	112	120	101	97	115	108	104	94
Zimbabwe	113	129	88	128	64	101	109	101
Côte d'Ivoire	114	79	124	109	117	91	110	121
Burkina Faso	115	92	103	111	114	120	106	129
Bangladesh	116	122	128	95	95	122	92	123
Lao People's Democratic Republic	117	130	113	123	103	70	127	90
Nigeria	118	109	121	120	102	76	123	116
Uganda	119	89	131	103	111	118	105	126
Algeria	120	104	74	96	132	124	125	118
Zambia	121	125	107	119	87	83	120	125
Mozambique	122	127	112	76	126	127	116	115
Cameroon	123	113	105	115	129	93	98	124
Mali	124	106	123	124	121	109	94	122
Togo	125	87	110	110	112	128	128	119
Ethiopia	126	116	126	121	130	126	81	127
Myanmar	127	123	108	113	124	132	89	131
Benin	128	84	111	118	123	113	131	128
Niger	129	97	129	130	100	116	114	132
Guinea	130	100	132	131	131	121	132	96
Yemen	131	132	127	129	125	102	126	114
Angola	132	128	119	125	127	130	129	130

■ 4<sup>th</sup> quartile (best performers, ranks 1<sup>st</sup> to 33<sup>rd</sup>)  
■ 3<sup>rd</sup> quartile (ranks 34<sup>th</sup> to 66<sup>th</sup>)  
■ 2<sup>nd</sup> quartile (ranks 67<sup>th</sup> to 99<sup>th</sup>)  
■ 1<sup>st</sup> quartile (ranks 100<sup>th</sup> to 132<sup>nd</sup>)

Source: Global Innovation Index Database, WIPO, 2021.