

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 66th/135

## Performance Overview 2018

Key ◇ Previous edition ▲ High income group average □ Europe and North America average








### Selected contextual indicators

Population millions	4.2	GDP (PPP) % world GDP	0.08
GDP per capita US\$	13,138.3	Unemployment rate %	11.2
10-year average annual GDP growth %	-0.2	5-year average FDI inward flow % GDP	2.9

### Social and environmental performance

Environmental footprint gha/capita	3.6	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	4.5	Income Gini 0 (perfect equality) -100 (perfect inequality)	31.1

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>52.0</b> ↓	<b>74</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	4.9	64.9 ↓	67	Finland
1.02 Homicide rate /100,000 pop.	1.0	98.2 ↓	33	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 ↑	27	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.4	56.7 ↓	70	Finland
1.05 Social capital 0-100 (high)	44.6	44.6 ↓	112	Australia
1.06 Budget transparency 0-100 (best)	53.8	53.8 =	67	Multiple (2)
1.07 Judicial independence 1-7 (best)	2.5	25.6 ↓	120	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.0	16.8 ↓	135	Finland
1.09 Freedom of the press 0-100 (worst)	28.9	71.1 ↑	56	Norway
1.10 Burden of government regulation 1-7 (best)	1.9	14.2 ↓	138	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	1.9	14.4 ↓	139	Singapore
1.12 E-Participation Index 0-1 (best)	0.77	77.0 ↓	56	Multiple (3)
1.13 Future orientation of government 1-7 (best)	2.4	22.8 ↓	133	Singapore
1.14 Incidence of corruption 0-100 (best)	49.0	49.0 =	50	New Zealand
1.15 Property rights 1-7 (best)	3.5	42.5 ↓	122	Finland
1.16 Intellectual property protection 1-7 (best)	3.8	45.8 ↓	93	Finland
1.17 Quality of land administration 0-30 (best)	22.5	75.0 =	31	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	3.9	48.9 ↓	109	Finland
1.19 Conflict of interest regulation 0-10 (best)	5.7	57.0 =	65	Multiple (2)
1.20 Shareholder governance 0-10 (best)	8.0	80.0 =	5	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>76.8</b> ↑	<b>36</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	72.3	72.3 =	52	United States
2.02 Quality of roads 1-7 (best)	5.5	74.9 ↑	17	Singapore
2.03 Railroad density km of roads/square km	46.0	100.0 =	17	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	2.7	27.7 ↓	90	Switzerland
2.05 Airport connectivity score	62,572.6	55.2 ↓	56	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.6	60.0 ↑	65	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	35.9	35.9 ↑	46	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	4.5	57.8 ↓	53	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	9.9	93.8 ↑	63	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	7.0	94.9 =	44	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	6.0	84.1 ↑	28	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>60.2</b> ↑	<b>53</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	103.0	85.8 ↓	98	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	79.7	n/a	54	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	26.2	52.3 ↑	37	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	1.0	n/a	61	Korea, Rep.
3.05 Internet users % pop.	72.7	72.7 ↑	50	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>69.3</b> ↑	<b>106</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	0.0	98.6 ↑	87	Multiple (74)
4.02 Debt dynamics 0-100 (best)	40.0	40.0 =	113	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>85.7</b> ↑	<b>51</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	67.4	85.7 ↑	50	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>63.4</b> ↓	<b>65</b>	<b>Finland</b>
6.01 Mean years of schooling Years	11.2	74.7 =	37	Finland
6.02 Extent of staff training 1-7 (best)	3.1	34.7 ↓	131	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.5	41.4 ↓	113	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.5	41.1 ↓	116	Switzerland
6.05 Digital skills among population 1-7 (best)	3.6	43.5 ↑	108	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	3.3	38.7 ↓	124	United States
6.07 School life expectancy Years	15.0	83.1 ↓	55	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	2.3	21.4 ↓	136	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	13.7	90.7 =	39	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	55.7 ↓	71	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.3	38.6 ↑	105	Singapore
7.02 Extent of market dominance 1-7 (best)	3.0	33.8 ↓	120	Switzerland
7.03 Competition in services 1-7 (best)	4.9	65.0 ↓	71	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	5.0	67.4 ↑	19	Singapore
7.05 Trade tariffs % duty	1.05	93.0 ↓	6	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	3.0	33.7 ↓	112	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	3.0	49.5 ↓	40	Germany
7.08 Services trade openness 0-100 (worst)	n/a	84.0 ↓	n/a	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	54.8 ↓	96	United States
8.01 Redundancy costs weeks of salary	15.1	76.9 =	64	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	2.6	25.9 ↓	135	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	3.2	37.4 ↓	139	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.9	64.9 ↓	69	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	3.1	34.8 ↑	75	Switzerland
8.06 Workers' rights 0-100 (best)	82.5	82.5 ↓	32	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	2.8	29.4 ↓	139	Albania
8.08 Internal Labour mobility 1-7 (best)	3.2	36.6 ↓	134	Guinea
8.09 Reliance on professional management 1-7 (best)	3.4	39.3 ↓	125	Finland
8.10 Pay and productivity 1-7 (best)	3.3	39.1 ↓	114	United States
8.11 Female participation in Labour force ratio	0.86	82.0 ↑	40	Multiple (4)
8.12 Labour tax rate %	19.4	84.2 =	88	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	60.6 ↑	62	United States
9.01 Domestic credit to private sector % GDP	65.3	68.7 ↓	47	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.4	39.3 ↑	105	United States
9.03 Venture capital availability 1-7 (best)	2.4	23.1 ↑	110	United States
9.04 Market capitalization % GDP	37.5	37.5 ↑	49	Multiple (12)
9.05 Insurance premium % GDP	2.4	40.2 =	49	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.8	63.0 ↓	77	Finland
9.07 Non-performing loans % loan portfolio value	13.6	73.5 ↑	115	Multiple (2)
9.08 Credit gap percentage points	-11.4	100.0 =	16	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	21.2	100.0 =	17	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	49.5 ↑	78	China
10.01 Gross domestic product PPP \$ billions	92	n/a	77	China
10.02 Imports % GDP	53.7	n/a	51	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	55.7 ↓	81	United States
11.01 Cost of starting a business % GNI per capita	7.2	96.4 ↑	69	Multiple (2)
11.02 Time to start a business days	7.0	93.5 =	41	New Zealand
11.03 Insolvency recovery rate cents/\$	32.7	35.2 ↓	81	Norway
11.04 Insolvency regulatory framework 0-16 (best)	12.0	75.0 =	28	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	2.9	32.1 ↓	137	Israel
11.06 Willingness to delegate authority 1-7 (best)	3.6	42.7 ↓	122	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.3	38.2 ↑	123	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	2.9	32.4 ↓	128	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	37.7 ↑	63	Germany
12.01 Diversity of workforce 1-7 (best)	3.3	38.9 ↓	133	Canada
12.02 State of cluster development 1-7 (best)	2.8	30.4 ↓	130	United States
12.03 International co-inventions applications/million pop.	1.15	23.5 ↑	42	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	2.8	30.8 ↓	134	United States
12.05 Scientific publications H Index	226.0	80.3 ↑	46	Multiple (7)
12.06 Patent applications applications/million pop.	5.01	32.9 ↑	44	Multiple (8)
12.07 R&D expenditures % GDP	0.9	28.5 ↑	44	Multiple (7)
12.08 Quality of research institutions index	0.01	3.6 ↑	57	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	2.7	28.6 ↓	117	United States
12.10 Trademark applications applications/million pop.	1,593.72	79.3 ↑	44	Multiple (7)

\* Scores are on a 0 to 100 scale, where 100 represents the optimal situation or 'frontier'. Arrows indicate the direction of the change in score from the previous edition, if available.

Note: For detailed methodology, definitions, sources, and periods, visit <http://gcr.weforum.org/>

