

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 48th/135

Performance Overview 2018

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









Selected contextual indicators

Population millions	9.8	GDP (PPP) % world GDP	0.23
GDP per capita US\$	15,531.2	Unemployment rate %	4.2
10-year average annual GDP growth %	1.0	5-year average FDI inward flow % GDP	0.7

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)	4.7	Income Gini 0 (perfect equality) -100 (perfect inequality)	30.4

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 1: Institutions 0-100 (best)	-	54.2 ↑	66	New Zealand
1.01 Organized crime 1-7 (best)	5.0	66.0 ↓	63	Finland
1.02 Homicide rate /100,000 pop.	2.1	94.7 ↑	61	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 ↑	48	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.4	57.4 ↓	69	Finland
1.05 Social capital 0-100 (high)	48.7	48.7 ↑	87	Australia
1.06 Budget transparency 0-100 (best)	57.7	57.7 =	61	Multiple (2)
1.07 Judicial independence 1-7 (best)	3.1	34.4 ↓	103	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.1	18.2 ↓	134	Finland
1.09 Freedom of the press 0-100 (worst)	29.1	70.9 ↓	60	Norway
1.10 Burden of government regulation 1-7 (best)	3.1	34.6 ↑	95	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	3.3	38.4 ↑	89	Singapore
1.12 E-Participation Index 0-1 (best)	0.71	70.8 ↑	66	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.3	38.0 ↑	96	Singapore
1.14 Incidence of corruption 0-100 (best)	45.0	45.0 ↓	57	New Zealand
1.15 Property rights 1-7 (best)	3.8	46.9 ↑	108	Finland
1.16 Intellectual property protection 1-7 (best)	4.0	49.5 ↓	76	Finland
1.17 Quality of land administration 0-30 (best)	26.0	86.7 =	15	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.8	62.8 ↑	59	Finland
1.19 Conflict of interest regulation 0-10 (best)	4.0	40.0 =	121	Multiple (2)
1.20 Shareholder governance 0-10 (best)	6.0	60.0 =	56	Kazakhstan
 Pillar 2: Infrastructure 0-100 (best)	-	78.4 ↓	28	Singapore
2.01 Road connectivity index 0-100 (best)	80.8	80.8 =	28	United States
2.02 Quality of roads 1-7 (best)	3.9	48.2 ↓	74	Singapore
2.03 Railroad density km of roads/square km	83.3	100.0 =	6	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	3.8	46.4 ↓	53	Switzerland
2.05 Airport connectivity score	52,147.1	52.5 ↑	62	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.1	52.4 ↓	87	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	n/a	n/a	n/a	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	3.3	38.5 ↓	96	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	8.4	95.4 ↑	52	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	6.6	95.3 =	43	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	6.0	82.8 ↑	33	Switzerland
 Pillar 3: ICT adoption 0-100 (best)	-	61.0 ↑	51	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	123.8	100.0 =	56	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	49.1	n/a	96	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	30.4	60.8 ↑	26	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	5.4	n/a	33	Korea, Rep.
3.05 Internet users % pop.	79.3	79.3 ↑	33	Iceland
 Pillar 4: Macroeconomic stability 0-100 (best)	-	90.0 ↑	43	Multiple (31)
4.01 Inflation annual % change	1.4	100.0 ↑	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	80.0	80.0 =	43	Multiple (36)
 Pillar 5: Health 0-100 (best)	-	80.7 ↑	69	Multiple (4)
5.01 Healthy life expectancy years	65.8	80.7 ↑	68	Multiple (4)
 Pillar 6: Skills 0-100 (best)	-	68.5 ↑	49	Finland
6.01 Mean years of schooling Years	12.3	81.8 =	25	Finland
6.02 Extent of staff training 1-7 (best)	3.6	43.0 ↑	100	Switzerland
6.03 Quality of vocational training 1-7 (best)	3.3	39.0 ↑	123	Switzerland
6.04 Skillset of graduates 1-7 (best)	3.7	44.9 ↑	97	Switzerland
6.05 Digital skills among population 1-7 (best)	3.5	41.1 ↑	115	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	2.9	32.5 ↑	138	United States
6.07 School life expectancy Years	15.1	83.8 ↓	50	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.3	38.4 ↑	75	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	10.8	98.1 ↑	13	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 7: Product market 0-100 (best)	-	54.4 ↑	82	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	2.9	31.3 ↑	127	Singapore
7.02 Extent of market dominance 1-7 (best)	3.4	40.8 ↑	99	Switzerland
7.03 Competition in services 1-7 (best)	4.6	59.8 ↓	101	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.4	56.3 ↑	70	Singapore
7.05 Trade tariffs % duty	1.13	92.4 ↓	7	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)	3.4	58.9 ↑	27	Germany
7.08 Services trade openness 0-100 (worst)	17.5	82.5 =	26	Ecuador
 Pillar 8: Labour market 0-100 (best)	-	57.8 ↑	83	United States
8.01 Redundancy costs weeks of salary	13.4	80.4 =	54	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.2	54.2 ↓	38	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.2	53.7 ↓	86	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.8	62.7 ↓	83	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	3.5	41.4 ↑	63	Switzerland
8.06 Workers' rights 0-100 (best)	78.4	78.4 ↑	41	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.7	61.2 ↓	22	Albania
8.08 Internal Labour mobility 1-7 (best)	3.1	34.5 ↑	136	Guinea
8.09 Reliance on professional management 1-7 (best)	3.8	46.8 ↑	95	Finland
8.10 Pay and productivity 1-7 (best)	3.6	42.7 ↓	93	United States
8.11 Female participation in Labour force ratio	0.81	75.9 ↑	52	Multiple (4)
8.12 Labour tax rate %	34.3	63.5 =	128	Multiple (26)
 Pillar 9: Financial system 0-100 (best)	-	59.8 ↑	66	United States
9.01 Domestic credit to private sector % GDP	37.6	39.6 ↓	87	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	4.0	49.3 ↑	49	United States
9.03 Venture capital availability 1-7 (best)	3.3	38.8 ↑	43	United States
9.04 Market capitalization % GDP	14.2	14.2 ↑	87	Multiple (12)
9.05 Insurance premium % GDP	2.5	41.7 =	47	Multiple (16)
9.06 Soundness of banks 1-7 (best)	5.1	68.6 ↑	63	Finland
9.07 Non-performing loans % loan portfolio value	7.4	86.1 ↑	89	Multiple (2)
9.08 Credit gap percentage points	-12.7	100.0 =	14	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	17.1	100.0 =	51	Multiple (72)
 Pillar 10: Market size 0-100 (best)	-	61.7 ↑	48	China
10.01 Gross domestic product PPP \$ billions	263	n/a	57	China
10.02 Imports % GDP	82.2	n/a	15	Hong Kong SAR
 Pillar 11: Business dynamism 0-100 (best)	-	57.2 ↑	75	United States
11.01 Cost of starting a business % GNI per capita	5.4	97.3 ↑	60	Multiple (2)
11.02 Time to start a business days	7.0	93.5 =	41	New Zealand
11.03 Insolvency recovery rate cents/\$	43.7	47.0 ↓	49	Norway
11.04 Insolvency regulatory framework 0-16 (best)	10.0	62.5 =	62	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.0	33.4 ↑	134	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.1	51.2 ↑	87	Denmark
11.07 Growth of innovative companies 1-7 (best)	3.5	41.6 ↑	111	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	2.9	31.5 ↓	132	United States
 Pillar 12: Innovation capability 0-100 (best)	-	48.0 ↑	39	Germany
12.01 Diversity of workforce 1-7 (best)	2.8	29.7 ↑	139	Canada
12.02 State of cluster development 1-7 (best)	3.8	46.8 ↑	65	United States
12.03 International co-inventions applications/million pop.	4.75	53.7 ↑	26	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.2	37.1 ↓	101	United States
12.05 Scientific publications H Index	372.0	87.7 ↑	33	Multiple (7)
12.06 Patent applications applications/million pop.	19.90	55.9 ↑	31	Multiple (8)
12.07 R&D expenditures % GDP	1.4	45.9 ↑	26	Multiple (7)
12.08 Quality of research institutions index	0.04	9.9 ↑	45	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	2.8	29.7 ↓	111	United States
12.10 Trademark applications applications/million pop.	2,330.35	83.4 ↓	35	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/>

