

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 16th/135

Performance Overview 2018 Key ◇ Previous edition △ High income group average □ East Asia and Pacific average









Selected contextual indicators

Population millions	4.8	GDP (PPP) % world GDP	0.15
GDP per capita US\$	41,593.1	Unemployment rate %	4.9
10-year average annual GDP growth %	2.3	5-year average FDI inward flow % GDP	1.2

Social and environmental performance

Environmental footprint gha/capita	5.1	Global Gender Gap Index 0-1 (gender parity)	0.8
Inclusive Development Index 1-7 (best)	5.3		

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 1: Institutions 0-100 (best)	-	81.6 ↓	1	New Zealand
1.01 Organized crime 1-7 (best)	6.1	84.3 ↓	7	Finland
1.02 Homicide rate /100,000 pop.	1.0	98.4 =	31	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 ↑	36	Multiple (24)
1.04 Reliability of police services 1-7 (best)	6.2	86.9 ↓	8	Finland
1.05 Social capital 0-100 (high)	66.1	66.1 ↓	2	Australia
1.06 Budget transparency 0-100 (best)	88.5	88.5 =	8	Multiple (2)
1.07 Judicial independence 1-7 (best)	6.3	89.0 ↓	3	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	5.2	69.9 ↓	6	Finland
1.09 Freedom of the press 0-100 (worst)	13.6	86.4 ↑	8	Norway
1.10 Burden of government regulation 1-7 (best)	4.4	56.2 ↑	19	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	5.3	72.4 ↓	10	Singapore
1.12 E-Participation Index 0-1 (best)	0.98	98.3 ↑	5	Multiple (3)
1.13 Future orientation of government 1-7 (best)	5.0	65.9 ↓	15	Singapore
1.14 Incidence of corruption 0-100 (best)	89.0	89.0 ↓	1	New Zealand
1.15 Property rights 1-7 (best)	6.0	83.6 ↓	10	Finland
1.16 Intellectual property protection 1-7 (best)	6.0	83.2 ↓	8	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)	6.0	83.9 ↓	9	Finland
1.19 Conflict of interest regulation 0-10 (best)	9.3	93.0 =	1	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.0	70.0 =	24	Kazakhstan
 Pillar 2: Infrastructure 0-100 (best)	-	76.1 ↓	39	Singapore
2.01 Road connectivity index 0-100 (best)	70.1	70.1 =	56	United States
2.02 Quality of roads 1-7 (best)	4.7	61.3 ↑	39	Singapore
2.03 Railroad density km of roads/square km	15.4	38.5 =	47	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	3.9	48.3 ↑	48	Switzerland
2.05 Airport connectivity score	96,703.9	62.0 ↓	43	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.5	74.3 ↓	26	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	33.1	33.1 ↑	50	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	5.1	68.8 ↓	23	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	6.4	97.5 ↑	35	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	2.4	99.6 =	29	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	6.0	83.7 ↓	30	Switzerland
 Pillar 3: ICT adoption 0-100 (best)	-	73.4 ↑	23	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	136.0	100.0 =	30	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	101.6	n/a	26	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	33.6	67.2 ↑	20	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	5.2	n/a	35	Korea, Rep.
3.05 Internet users % pop.	88.5	88.5 ↑	17	Iceland
 Pillar 4: Macroeconomic stability 0-100 (best)	-	100.0 ↑	1	Multiple (31)
4.01 Inflation annual % change	1.2	100.0 ↑	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	100.0	100.0 =	1	Multiple (36)
 Pillar 5: Health 0-100 (best)	-	96.2 ↓	18	Multiple (4)
5.01 Healthy life expectancy years	70.8	96.2 ↓	17	Multiple (4)
 Pillar 6: Skills 0-100 (best)	-	83.2 ↓	10	Finland
6.01 Mean years of schooling Years	13.1	87.3 =	7	Finland
6.02 Extent of staff training 1-7 (best)	4.9	64.5 ↓	21	Switzerland
6.03 Quality of vocational training 1-7 (best)	5.0	66.7 ↓	18	Switzerland
6.04 Skillset of graduates 1-7 (best)	5.0	66.9 ↓	17	Switzerland
6.05 Digital skills among population 1-7 (best)	5.2	70.0 ↓	20	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.4	56.6 ↓	51	United States
6.07 School life expectancy Years	18.9	100.0 =	7	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	5.3	72.4 ↑	5	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	14.5	88.8 =	44	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 7: Product market 0-100 (best)	-	73.5 ↓	4	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	5.2	70.6 ↓	5	Singapore
7.02 Extent of market dominance 1-7 (best)	4.2	53.7 ↓	34	Switzerland
7.03 Competition in services 1-7 (best)	5.3	72.2 ↓	33	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	5.4	73.2 ↓	4	Singapore
7.05 Trade tariffs % duty	1.60	89.3 ↓	35	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	6.3	88.2 ↓	47	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	3.7	67.7 ↑	13	Germany
7.08 Services trade openness 0-100 (worst)	11.0	89.0 =	3	Ecuador
 Pillar 8: Labour market 0-100 (best)	-	78.4 ↓	4	United States
8.01 Redundancy costs weeks of salary	0.0	100.0 =	1	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.5	58.5 ↓	20	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	5.4	73.9 ↓	13	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	5.5	75.6 ↓	19	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	4.8	62.9 ↑	20	Switzerland
8.06 Workers' rights 0-100 (best)	84.5	84.5 ↑	28	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.1	51.1 ↓	72	Albania
8.08 Internal Labour mobility 1-7 (best)	5.3	71.5 ↓	11	Guinea
8.09 Reliance on professional management 1-7 (best)	6.0	83.4 ↓	6	Finland
8.10 Pay and productivity 1-7 (best)	4.7	62.5 ↓	17	United States
8.11 Female participation in Labour force ratio	0.94	92.2 ↑	19	Multiple (4)
8.12 Labour tax rate %	2.8	100.0 =	11	Multiple (26)
 Pillar 9: Financial system 0-100 (best)	-	76.1 ↓	26	United States
9.01 Domestic credit to private sector % GDP	154.8	100.0 =	8	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	5.0	66.1 ↓	10	United States
9.03 Venture capital availability 1-7 (best)	4.2	52.5 ↑	15	United States
9.04 Market capitalization % GDP	40.9	40.9 ↑	46	Multiple (12)
9.05 Insurance premium % GDP	3.0	49.7 =	41	Multiple (16)
9.06 Soundness of banks 1-7 (best)	6.1	85.2 ↓	9	Finland
9.07 Non-performing loans % loan portfolio value	0.5	99.9 ↑	3	Multiple (2)
9.08 Credit gap percentage points	-8.4	100.0 =	22	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	12.8	90.8 =	110	Multiple (72)
 Pillar 10: Market size 0-100 (best)	-	53.8 ↑	67	China
10.01 Gross domestic product PPP \$ billions	172	n/a	64	China
10.02 Imports % GDP	26.3	n/a	116	Hong Kong SAR
 Pillar 11: Business dynamism 0-100 (best)	-	76.4 ↓	12	United States
11.01 Cost of starting a business % GNI per capita	0.3	99.9 =	7	Multiple (2)
11.02 Time to start a business days	0.5	100.0 =	1	New Zealand
11.03 Insolvency recovery rate cents/\$	84.2	90.6 ↓	15	Norway
11.04 Insolvency regulatory framework 0-16 (best)	8.5	53.1 =	82	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	4.8	63.2 ↓	15	Israel
11.06 Willingness to delegate authority 1-7 (best)	5.7	77.6 ↓	9	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.9	64.9 ↓	16	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	4.7	62.3 ↓	6	United States
 Pillar 12: Innovation capability 0-100 (best)	-	61.4 ↑	27	Germany
12.01 Diversity of workforce 1-7 (best)	5.5	74.8 ↓	10	Canada
12.02 State of cluster development 1-7 (best)	4.3	55.2 ↑	36	United States
12.03 International co-inventions applications/million pop.	7.21	64.6 ↓	21	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	4.8	62.6 ↓	19	United States
12.05 Scientific publications H Index	438.3	90.1 ↑	27	Multiple (7)
12.06 Patent applications applications/million pop.	58.15	75.0 ↑	23	Multiple (8)
12.07 R&D expenditures % GDP	1.2	38.4 =	34	Multiple (7)
12.08 Quality of research institutions index	0.03	9.0 ↑	47	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	4.2	53.7 ↑	24	United States
12.10 Trademark applications applications/million pop.	4,326.40	90.1 ↓	24	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/>

