

Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 35th/135

Performance Overview 2018

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









Selected contextual indicators

Population millions	2.1	GDP (PPP) % world GDP	0.06
GDP per capita US\$	23,654.4	Unemployment rate %	6.6
10-year average annual GDP growth %	0.6	5-year average FDI inward flow % GDP	1.8

Social and environmental performance

Environmental footprint gha/capita	4.7	Global Gender Gap Index 0-1 (gender parity)	0.8
Inclusive Development Index 1-7 (best)	4.9	Income Gini 0 (perfect equality) -100 (perfect inequality)	25.4

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 1: Institutions 0-100 (best)	-	63.1 ↑	35	New Zealand
1.01 Organized crime 1-7 (best)	5.5	75.0 ↑	28	Finland
1.02 Homicide rate /100,000 pop.	0.5	100.0 ↑	7	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	100.0	100.0 =	1	Multiple (24)
1.04 Reliability of police services 1-7 (best)	5.4	72.7 ↑	36	Finland
1.05 Social capital 0-100 (high)	58.4	58.4 ↓	24	Australia
1.06 Budget transparency 0-100 (best)	76.9	76.9 =	21	Multiple (2)
1.07 Judicial independence 1-7 (best)	3.6	42.7 ↓	82	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	2.7	27.7 ↑	111	Finland
1.09 Freedom of the press 0-100 (worst)	21.7	78.3 ↑	29	Norway
1.10 Burden of government regulation 1-7 (best)	2.6	27.1 ↓	122	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	3.1	34.4 ↓	97	Singapore
1.12 E-Participation Index 0-1 (best)	0.81	81.5 ↑	47	Multiple (3)
1.13 Future orientation of government 1-7 (best)	3.5	41.0 ↑	85	Singapore
1.14 Incidence of corruption 0-100 (best)	61.0	61.0 =	31	New Zealand
1.15 Property rights 1-7 (best)	4.5	58.3 ↑	59	Finland
1.16 Intellectual property protection 1-7 (best)	4.7	62.3 ↑	38	Finland
1.17 Quality of land administration 0-30 (best)	23.5	78.3 =	27	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.6	59.8 ↑	73	Finland
1.19 Conflict of interest regulation 0-10 (best)	7.3	73.0 =	20	Multiple (2)
1.20 Shareholder governance 0-10 (best)	6.7	67.0 =	32	Kazakhstan
 Pillar 2: Infrastructure 0-100 (best)	-	76.9 ↑	35	Singapore
2.01 Road connectivity index 0-100 (best)	69.7	69.7 =	58	United States
2.02 Quality of roads 1-7 (best)	4.7	61.0 ↑	41	Singapore
2.03 Railroad density km of roads/square km	59.6	100.0 =	11	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	3.2	36.9 ↓	67	Switzerland
2.05 Airport connectivity score	8,559.7	30.4 ↓	101	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	4.6	60.6 ↓	64	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	37.4	37.4 ↑	44	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	4.7	61.2 ↓	36	Singapore
2.09 Electrification rate % pop.	100.0	100.0 =	1	Multiple (66)
2.10 Electric power transmission and distribution losses % output	5.7	98.2 ↓	25	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	6.3	95.6 =	37	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	6.6	92.9 ↑	18	Switzerland
 Pillar 3: ICT adoption 0-100 (best)	-	65.6 ↑	43	Korea, Rep.
3.01 Mobile-cellular telephone subscriptions /100 pop.	117.5	97.9 ↑	74	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	70.0	n/a	65	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	28.9	57.9 ↑	28	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	8.0	n/a	25	Korea, Rep.
3.05 Internet users % pop.	75.5	75.5 ↑	43	Iceland
 Pillar 4: Macroeconomic stability 0-100 (best)	-	100.0 ↑	1	Multiple (31)
4.01 Inflation annual % change	0.7	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)	-	91.6 ↑	34	Multiple (4)
5.01 Healthy life expectancy years	69.3	91.6 ↑	33	Multiple (4)
 Pillar 6: Skills 0-100 (best)	-	73.5 ↑	29	Finland
6.01 Mean years of schooling Years	12.4	82.5 =	21	Finland
6.02 Extent of staff training 1-7 (best)	4.3	55.1 ↑	44	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.2	52.7 ↑	61	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.3	55.7 ↑	48	Switzerland
6.05 Digital skills among population 1-7 (best)	4.8	63.9 ↓	34	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.3	54.4 ↓	61	United States
6.07 School life expectancy Years	17.2	95.6 =	16	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	3.2	36.0 ↓	86	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	16.9	82.7 =	55	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 Pillar 7: Product market 0-100 (best)	-	63.1 ↑	27	Singapore
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	3.8	47.5 ↑	58	Singapore
7.02 Extent of market dominance 1-7 (best)	4.3	55.3 ↓	30	Switzerland
7.03 Competition in services 1-7 (best)	5.5	74.4 ↑	16	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.8	63.8 ↑	34	Singapore
7.05 Trade tariffs % duty	1.13	92.4 ↓	20	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	60.5 ↑	24	Germany
7.08 Services trade openness 0-100 (worst)	n/a	84.9 ↓	n/a	Ecuador
 Pillar 8: Labour market 0-100 (best)	-	63.4 ↑	43	United States
8.01 Redundancy costs weeks of salary	10.7	86.1 =	38	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	2.6	27.1 ↑	132	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.5	58.0 ↑	55	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.5	58.8 ↑	104	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	4.6	59.2 ↑	26	Switzerland
8.06 Workers' rights 0-100 (best)	n/a	85.5 ↑	n/a	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	3.5	41.3 ↓	115	Albania
8.08 Internal Labour mobility 1-7 (best)	3.2	36.7 ↓	133	Guinea
8.09 Reliance on professional management 1-7 (best)	4.3	55.2 ↑	63	Finland
8.10 Pay and productivity 1-7 (best)	4.0	49.6 ↑	63	United States
8.11 Female participation in Labour force ratio	0.92	89.9 ↑	22	Multiple (4)
8.12 Labour tax rate %	18.2	85.8 =	79	Multiple (26)
 Pillar 9: Financial system 0-100 (best)	-	62.3 ↑	60	United States
9.01 Domestic credit to private sector % GDP	50.4	53.0 ↓	72	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	3.9	47.7 ↑	58	United States
9.03 Venture capital availability 1-7 (best)	3.1	35.0 ↑	57	United States
9.04 Market capitalization % GDP	13.6	13.6 ↓	89	Multiple (12)
9.05 Insurance premium % GDP	3.7	62.1 =	35	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.5	58.8 ↑	89	Finland
9.07 Non-performing loans % loan portfolio value	5.1	90.8 ↑	72	Multiple (2)
9.08 Credit gap percentage points	-20.7	100.0 =	8	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	16.8	99.7 =	57	Multiple (72)
 Pillar 10: Market size 0-100 (best)	-	47.8 ↑	82	China
10.01 Gross domestic product PPP \$ billions	65	n/a	88	China
10.02 Imports % GDP	84.1	n/a	14	Hong Kong SAR
 Pillar 11: Business dynamism 0-100 (best)	-	70.3 ↑	24	United States
11.01 Cost of starting a business % GNI per capita	0.0	100.0 =	1	Multiple (2)
11.02 Time to start a business days	7.0	93.5 =	41	New Zealand
11.03 Insolvency recovery rate cents/\$	88.7	95.5 ↓	4	Norway
11.04 Insolvency regulatory framework 0-16 (best)	11.5	71.9 =	38	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	3.6	42.5 ↑	107	Israel
11.06 Willingness to delegate authority 1-7 (best)	4.5	58.4 ↑	52	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.5	58.9 ↑	33	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	3.5	41.7 ↑	70	United States
 Pillar 12: Innovation capability 0-100 (best)	-	57.9 ↑	28	Germany
12.01 Diversity of workforce 1-7 (best)	4.4	56.4 ↑	75	Canada
12.02 State of cluster development 1-7 (best)	3.8	47.3 ↑	60	United States
12.03 International co-inventions applications/million pop.	5.28	56.4 ↑	25	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	3.9	48.0 ↑	49	United States
12.05 Scientific publications H Index	239.0	81.2 ↑	43	Multiple (7)
12.06 Patent applications applications/million pop.	54.93	73.9 ↑	25	Multiple (8)
12.07 R&D expenditures % GDP	2.2	73.7 ↓	15	Multiple (7)
12.08 Quality of research institutions index	0.01	4.1 ↑	54	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.5	41.5 ↑	65	United States
12.10 Trademark applications applications/million pop.	n/a	96.8 ↑	n/a	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/>

