

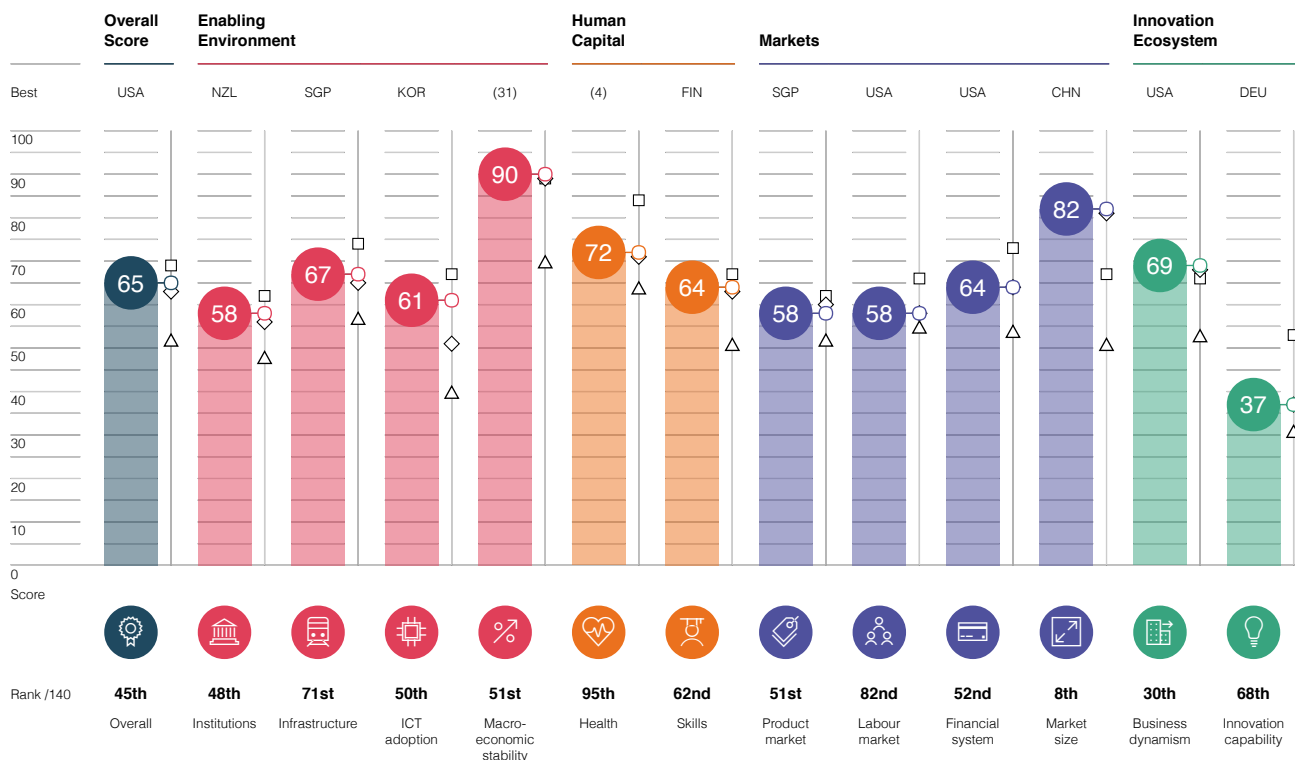
Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 47th/135

## Performance Overview Key

◇ Previous edition   △ Lower middle income group average   □ East Asia and Pacific average

### 2018







## Selected contextual indicators

Population millions	262.0	GDP (PPP) % world GDP	2.55
GDP per capita US\$	3,875.8	Unemployment rate %	4.2
10-year average annual GDP growth %	5.5	5-year average FDI inward flow % GDP	1.9

## Social and environmental performance

Environmental footprint gha/capita	1.6	Global Gender Gap Index 0-1 (gender parity)	0.7
Inclusive Development Index 1-7 (best)	4.0	Income Gini 0 (perfect equality) -100 (perfect inequality)	39.5

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 1: Institutions</b> 0-100 (best)	-	<b>57.9</b> ↑	<b>48</b>	<b>New Zealand</b>
1.01 Organized crime 1-7 (best)	4.3	54.9 ↑	98	Finland
1.02 Homicide rate /100,000 pop.	0.5	100.0 ↑	9	Multiple (9)
1.03 Terrorism incidence 0 (very high) -100 (no incidence)	96.8	96.8 ↓	109	Multiple (24)
1.04 Reliability of police services 1-7 (best)	4.4	56.3 ↑	72	Finland
1.05 Social capital 0-100 (high)	63.0	63.0 ↑	10	Australia
1.06 Budget transparency 0-100 (best)	53.8	53.8 =	67	Multiple (2)
1.07 Judicial independence 1-7 (best)	4.4	56.6 ↑	50	Finland
1.08 Efficiency of legal framework in challenging regulations 1-7 (best)	4.0	49.8 ↑	37	Finland
1.09 Freedom of the press 0-100 (worst)	39.7	60.3 ↑	100	Norway
1.10 Burden of government regulation 1-7 (best)	4.1	52.0 ↑	26	Singapore
1.11 Efficiency of legal framework in settling disputes 1-7 (best)	4.1	52.0 ↓	46	Singapore
1.12 E-Participation Index 0-1 (best)	0.62	61.8 ↑	88	Multiple (3)
1.13 Future orientation of government 1-7 (best)	4.6	60.0 ↑	24	Singapore
1.14 Incidence of corruption 0-100 (best)	37.0	37.0 =	80	New Zealand
1.15 Property rights 1-7 (best)	4.8	62.8 ↑	47	Finland
1.16 Intellectual property protection 1-7 (best)	4.6	60.1 ↑	44	Finland
1.17 Quality of land administration 0-30 (best)	11.3	37.7 =	95	Singapore
1.18 Strength of auditing and reporting standards 1-7 (best)	4.7	62.3 ↑	62	Finland
1.19 Conflict of interest regulation 0-10 (best)	5.7	57.0 =	65	Multiple (2)
1.20 Shareholder governance 0-10 (best)	7.0	70.0 ↑	24	Kazakhstan
 <b>Pillar 2: Infrastructure</b> 0-100 (best)	-	<b>66.8</b> ↑	<b>71</b>	<b>Singapore</b>
2.01 Road connectivity index 0-100 (best)	34.6	34.6 =	120	United States
2.02 Quality of roads 1-7 (best)	3.9	48.1 ↓	75	Singapore
2.03 Railroad density km of roads/square km	2.5	6.1 =	82	Multiple (20)
2.04 Efficiency of train services 1-7 (best)	4.7	61.4 ↑	19	Switzerland
2.05 Airport connectivity score	972,336.6	100.0 =	5	Multiple (8)
2.06 Efficiency of air transport services 1-7 (best)	5.0	66.7 ↑	49	Singapore
2.07 Liner Shipping Connectivity Index 0-157.1 (best)	40.9	40.9 ↑	41	Multiple (4)
2.08 Efficiency of seaport services 1-7 (best)	4.2	54.1 ↑	61	Singapore
2.09 Electrification rate % pop.	91.2	91.2 ↑	98	Multiple (66)
2.10 Electric power transmission and distribution losses % output	9.4	94.3 ↓	56	Multiple (9)
2.11 Exposure to unsafe drinking water % pop.	19.2	82.5 ↓	92	Multiple (23)
2.12 Reliability of water supply 1-7 (best)	4.6	60.7 ↑	75	Switzerland
 <b>Pillar 3: ICT adoption</b> 0-100 (best)	-	<b>61.1</b> ↑	<b>50</b>	<b>Korea, Rep.</b>
3.01 Mobile-cellular telephone subscriptions /100 pop.	173.8	100.0 =	6	Multiple (68)
3.02 Mobile-broadband subscriptions /100 pop.	95.7	n/a	30	United Arab Emirates
3.03 Fixed-broadband Internet subscriptions /100 pop.	2.3	4.6 ↑	104	Switzerland
3.04 Fibre Internet subscriptions /100 pop.	1.8	n/a	51	Korea, Rep.
3.05 Internet users % pop.	25.5	25.5 ↑	110	Iceland
 <b>Pillar 4: Macroeconomic stability</b> 0-100 (best)	-	<b>89.7</b> ↑	<b>51</b>	<b>Multiple (31)</b>
4.01 Inflation annual % change	3.7	100.0 ↑	1	Multiple (74)
4.02 Debt dynamics 0-100 (best)	79.3	79.3 ↓	55	Multiple (36)
 <b>Pillar 5: Health</b> 0-100 (best)	-	<b>71.7</b> ↑	<b>95</b>	<b>Multiple (4)</b>
5.01 Healthy life expectancy years	62.9	71.7 ↑	94	Multiple (4)
 <b>Pillar 6: Skills</b> 0-100 (best)	-	<b>64.1</b> ↑	<b>62</b>	<b>Finland</b>
6.01 Mean years of schooling Years	7.9	52.8 =	94	Finland
6.02 Extent of staff training 1-7 (best)	4.7	61.8 ↑	29	Switzerland
6.03 Quality of vocational training 1-7 (best)	4.6	60.0 ↑	34	Switzerland
6.04 Skillset of graduates 1-7 (best)	4.7	61.1 ↓	33	Switzerland
6.05 Digital skills among population 1-7 (best)	4.7	62.2 ↓	39	Sweden
6.06 Ease of finding skilled employees 1-7 (best)	4.7	61.1 ↓	35	United States
6.07 School life expectancy Years	12.8	71.2 ↑	85	Multiple (9)
6.08 Critical thinking in teaching 1-7 (best)	4.2	52.8 ↑	29	United States
6.09 Pupil-to-teacher ratio in primary education Ratio	14.0	90.1 ↑	40	Multiple (6)

Index Component	Value	Score *	Rank/140	Best Performer
 <b>Pillar 7: Product market</b> 0-100 (best)	-	<b>58.5</b> ↓	<b>51</b>	<b>Singapore</b>
7.01 Distortive effect of taxes and subsidies on competition 1-7 (best)	4.3	55.8 ↑	34	Singapore
7.02 Extent of market dominance 1-7 (best)	4.1	52.5 ↓	39	Switzerland
7.03 Competition in services 1-7 (best)	5.2	70.5 ↓	42	Hong Kong SAR
7.04 Prevalence of non-tariff barriers 1-7 (best)	4.3	55.6 ↑	73	Singapore
7.05 Trade tariffs % duty	6.01	60.0 ↓	77	Hong Kong SAR
7.06 Complexity of tariffs 1-7 (best)	5.7	77.9 ↓	70	Hong Kong SAR
7.07 Efficiency of the clearance process 1-5 (best)	2.7	41.8 ↓	61	Germany
7.08 Services trade openness 0-100 (worst)	48.3	51.7 =	89	Ecuador
 <b>Pillar 8: Labour market</b> 0-100 (best)	-	<b>57.8</b> ↓	<b>82</b>	<b>United States</b>
8.01 Redundancy costs weeks of salary	57.8	0.0	134	Multiple (8)
8.02 Hiring and firing practices 1-7 (best)	4.5	59.1 ↑	19	Hong Kong SAR
8.03 Cooperation in Labour-employer relations 1-7 (best)	4.6	60.1 ↓	50	Switzerland
8.04 Flexibility of wage determination 1-7 (best)	4.9	64.7 ↑	71	Hong Kong SAR
8.05 Active Labour policies 1-7 (best)	4.1	51.6 ↓	39	Switzerland
8.06 Workers' rights 0-100 (best)	60.8	60.8 ↑	101	Multiple (4)
8.07 Ease of hiring foreign labour 1-7 (best)	4.2	53.2 ↓	59	Albania
8.08 Internal Labour mobility 1-7 (best)	4.9	64.5 ↑	31	Guinea
8.09 Reliance on professional management 1-7 (best)	4.6	60.7 ↓	42	Finland
8.10 Pay and productivity 1-7 (best)	4.7	62.4 ↑	18	United States
8.11 Female participation in Labour force ratio	0.50	37.2 ↑	97	Multiple (4)
8.12 Labour tax rate %	11.5	95.1 ↓	42	Multiple (26)
 <b>Pillar 9: Financial system</b> 0-100 (best)	-	<b>63.9</b> ↑	<b>52</b>	<b>United States</b>
9.01 Domestic credit to private sector % GDP	38.3	40.3 ↑	86	Multiple (29)
9.02 Financing of SMEs 1-7 (best)	4.6	59.5 ↑	23	United States
9.03 Venture capital availability 1-7 (best)	3.8	47.0 ↓	25	United States
9.04 Market capitalization % GDP	44.7	44.7 ↑	44	Multiple (12)
9.05 Insurance premium % GDP	1.4	23.6 =	80	Multiple (16)
9.06 Soundness of banks 1-7 (best)	4.9	64.6 ↓	72	Finland
9.07 Non-performing loans % loan portfolio value	2.9	95.2 ↓	46	Multiple (2)
9.08 Credit gap percentage points	0.8	100.0 ↑	87	Multiple (97)
9.09 Banks' regulatory capital ratio ratio	19.9	100.0 =	23	Multiple (72)
 <b>Pillar 10: Market size</b> 0-100 (best)	-	<b>81.6</b> ↑	<b>8</b>	<b>China</b>
10.01 Gross domestic product PPP \$ billions	2,954	n/a	7	China
10.02 Imports % GDP	18.6	n/a	132	Hong Kong SAR
 <b>Pillar 11: Business dynamism</b> 0-100 (best)	-	<b>69.0</b> ↑	<b>30</b>	<b>United States</b>
11.01 Cost of starting a business % GNI per capita	10.9	94.6 ↑	81	Multiple (2)
11.02 Time to start a business days	23.1	77.3 ↑	108	New Zealand
11.03 Insolvency recovery rate cents/\$	64.7	69.6 ↓	33	Norway
11.04 Insolvency regulatory framework 0-16 (best)	10.5	65.6 =	58	Multiple (5)
11.05 Attitudes toward entrepreneurial risk 1-7 (best)	4.5	58.8 ↑	26	Israel
11.06 Willingness to delegate authority 1-7 (best)	5.0	66.4 ↑	26	Denmark
11.07 Growth of innovative companies 1-7 (best)	4.9	64.2 ↑	19	Israel
11.08 Companies embracing disruptive ideas 1-7 (best)	4.3	55.1 ↓	21	United States
 <b>Pillar 12: Innovation capability</b> 0-100 (best)	-	<b>37.1</b> ↑	<b>68</b>	<b>Germany</b>
12.01 Diversity of workforce 1-7 (best)	4.9	64.2 ↑	37	Canada
12.02 State of cluster development 1-7 (best)	4.6	60.0 ↑	28	United States
12.03 International co-inventions applications/million pop.	0.04	1.2 ↓	97	Multiple (7)
12.04 Multi-stakeholder collaboration 1-7 (best)	4.6	60.2 ↑	25	United States
12.05 Scientific publications H Index	182.0	77.2 ↑	58	Multiple (7)
12.06 Patent applications applications/million pop.	0.08	1.5 ↓	99	Multiple (8)
12.07 R&D expenditures % GDP	0.1	2.8 =	112	Multiple (7)
12.08 Quality of research institutions index	0.02	4.2 ↑	53	Multiple (7)
12.09 Buyer sophistication 1-7 (best)	3.7	45.2 ↓	49	United States
12.10 Trademark applications applications/million pop.	166.22	55.1 ↑	97	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/>

