

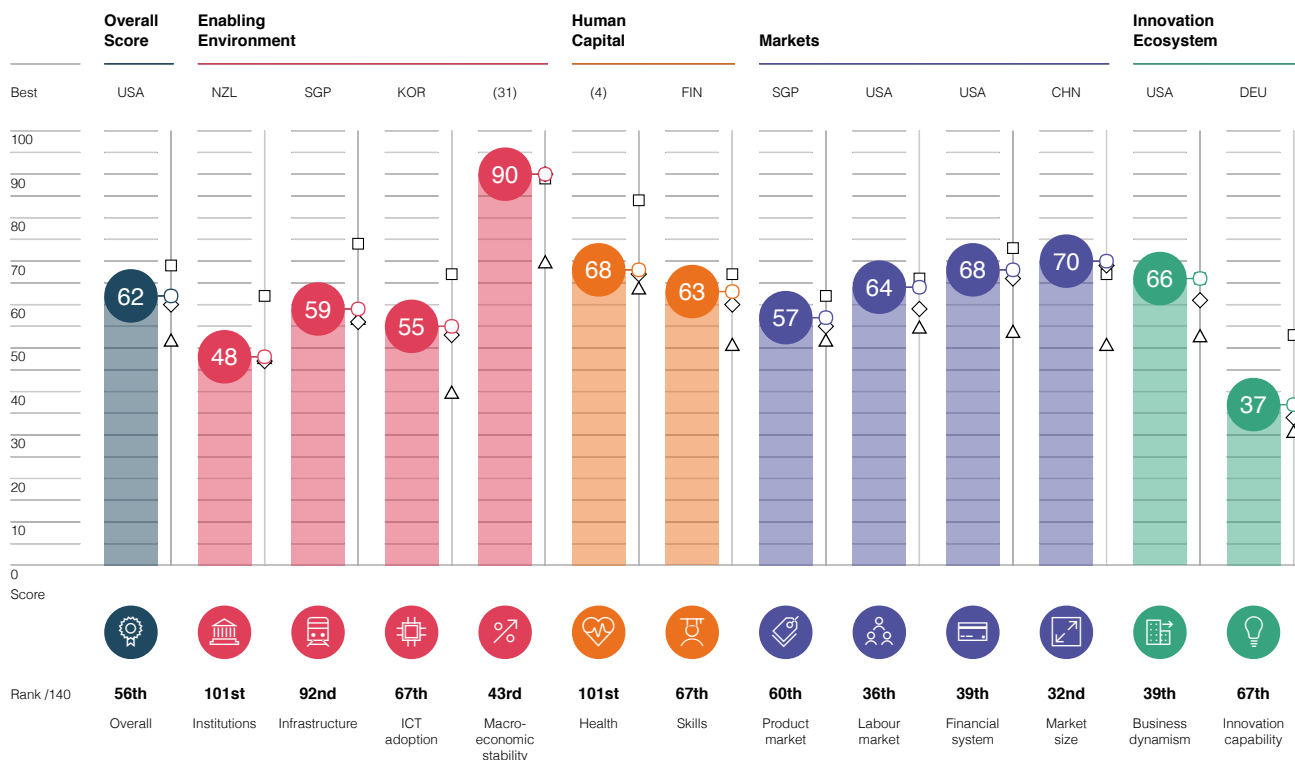
Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 68th/135

Performance Overview Key

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

2018









Selected contextual indicators

| | | | |
|-------------------------------------|---------|--------------------------------------|------|
| Population millions | 105.3 | GDP (PPP) % world GDP | 0.69 |
| GDP per capita US\$ | 2,976.3 | Unemployment rate % | 2.4 |
| 10-year average annual GDP growth % | 5.4 | 5-year average FDI inward flow % GDP | 1.8 |

Social and environmental performance

| | | | |
|--|-----|---|-----|
| Environmental footprint gha/capita | 1.1 | Global Gender Gap Index 0-1 (gender parity) | 0.8 |
| Inclusive Development Index 1-7 (best) | 3.8 | | |

| Index Component | Value | Score * | Rank/140 | Best Performer |
|---|-----------|---------------|------------|----------------------|
|  Pillar 1: Institutions 0-100 (best) | - | 48.3 ↑ | 101 | New Zealand |
| 1.01 Organized crime 1-7 (best) | 3.8 | 46.3 ↓ | 120 | Finland |
| 1.02 Homicide rate /100,000 pop. | 11.0 | 64.3 ↓ | 119 | Multiple (9) |
| 1.03 Terrorism incidence 0 (very high) -100 (no incidence) | 26.7 | 26.7 ↓ | 136 | Multiple (24) |
| 1.04 Reliability of police services 1-7 (best) | 3.0 | 34.0 ↓ | 123 | Finland |
| 1.05 Social capital 0-100 (high) | 59.4 | 59.4 ↓ | 21 | Australia |
| 1.06 Budget transparency 0-100 (best) | 61.5 | 61.5 = | 49 | Multiple (2) |
| 1.07 Judicial independence 1-7 (best) | 3.0 | 33.2 ↓ | 105 | Finland |
| 1.08 Efficiency of legal framework in challenging regulations 1-7 (best) | 3.2 | 36.9 ↑ | 74 | Finland |
| 1.09 Freedom of the press 0-100 (worst) | 42.5 | 57.5 ↓ | 109 | Norway |
| 1.10 Burden of government regulation 1-7 (best) | 3.1 | 35.1 ↑ | 91 | Singapore |
| 1.11 Efficiency of legal framework in settling disputes 1-7 (best) | 3.0 | 34.0 ↑ | 100 | Singapore |
| 1.12 E-Participation Index 0-1 (best) | 0.94 | 93.8 ↑ | 19 | Multiple (3) |
| 1.13 Future orientation of government 1-7 (best) | 3.6 | 43.7 ↑ | 77 | Singapore |
| 1.14 Incidence of corruption 0-100 (best) | 34.0 | 34.0 ↓ | 95 | New Zealand |
| 1.15 Property rights 1-7 (best) | 4.4 | 57.2 ↑ | 65 | Finland |
| 1.16 Intellectual property protection 1-7 (best) | 4.4 | 57.5 ↑ | 52 | Finland |
| 1.17 Quality of land administration 0-30 (best) | 13.5 | 45.0 = | 83 | Singapore |
| 1.18 Strength of auditing and reporting standards 1-7 (best) | 5.1 | 69.1 ↑ | 43 | Finland |
| 1.19 Conflict of interest regulation 0-10 (best) | 4.0 | 40.0 = | 121 | Multiple (2) |
| 1.20 Shareholder governance 0-10 (best) | 4.0 | 40.0 = | 106 | Kazakhstan |
|  Pillar 2: Infrastructure 0-100 (best) | - | 59.4 ↑ | 92 | Singapore |
| 2.01 Road connectivity index 0-100 (best) | 22.5 | 22.5 = | 129 | United States |
| 2.02 Quality of roads 1-7 (best) | 3.5 | 42.2 ↑ | 88 | Singapore |
| 2.03 Railroad density km of roads/square km | 1.6 | 4.0 = | 87 | Multiple (20) |
| 2.04 Efficiency of train services 1-7 (best) | 2.4 | 23.5 ↑ | 100 | Switzerland |
| 2.05 Airport connectivity score | 306,152.8 | 82.6 ↓ | 26 | Multiple (8) |
| 2.06 Efficiency of air transport services 1-7 (best) | 4.1 | 51.4 ↑ | 92 | Singapore |
| 2.07 Liner Shipping Connectivity Index 0-157.1 (best) | 25.0 | 25.0 ↓ | 61 | Multiple (4) |
| 2.08 Efficiency of seaport services 1-7 (best) | 3.6 | 43.9 ↑ | 84 | Singapore |
| 2.09 Electrification rate % pop. | 89.6 | 89.6 ↑ | 100 | Multiple (66) |
| 2.10 Electric power transmission and distribution losses % output | 9.1 | 94.7 ↑ | 54 | Multiple (9) |
| 2.11 Exposure to unsafe drinking water % pop. | 25.4 | 76.1 = | 101 | Multiple (23) |
| 2.12 Reliability of water supply 1-7 (best) | 5.0 | 67.4 ↑ | 60 | Switzerland |
|  Pillar 3: ICT adoption 0-100 (best) | - | 54.8 ↑ | 67 | Korea, Rep. |
| 3.01 Mobile-cellular telephone subscriptions /100 pop. | 110.4 | 92.0 ↓ | 84 | Multiple (68) |
| 3.02 Mobile-broadband subscriptions /100 pop. | 68.6 | n/a | 70 | United Arab Emirates |
| 3.03 Fixed-broadband Internet subscriptions /100 pop. | 3.2 | 6.5 ↑ | 96 | Switzerland |
| 3.04 Fibre Internet subscriptions /100 pop. | n/a | n/a | n/a | Korea, Rep. |
| 3.05 Internet users % pop. | 55.5 | 55.5 ↑ | 76 | Iceland |
|  Pillar 4: Macroeconomic stability 0-100 (best) | - | 90.0 = | 43 | Multiple (31) |
| 4.01 Inflation annual % change | 2.5 | 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) | - | 67.6 ↑ | 101 | Multiple (4) |
| 5.01 Healthy life expectancy years | 61.6 | 67.6 ↑ | 100 | Multiple (4) |
|  Pillar 6: Skills 0-100 (best) | - | 62.9 ↑ | 67 | Finland |
| 6.01 Mean years of schooling Years | 9.6 | 64.0 = | 67 | Finland |
| 6.02 Extent of staff training 1-7 (best) | 4.8 | 63.3 ↑ | 26 | Switzerland |
| 6.03 Quality of vocational training 1-7 (best) | 4.8 | 62.8 ↑ | 25 | Switzerland |
| 6.04 Skillset of graduates 1-7 (best) | 4.8 | 64.1 ↑ | 27 | Switzerland |
| 6.05 Digital skills among population 1-7 (best) | 5.1 | 69.0 ↑ | 24 | Sweden |
| 6.06 Ease of finding skilled employees 1-7 (best) | 4.9 | 64.8 ↑ | 20 | United States |
| 6.07 School life expectancy Years | 12.6 | 69.9 = | 93 | Multiple (9) |
| 6.08 Critical thinking in teaching 1-7 (best) | 4.4 | 56.1 ↑ | 23 | United States |
| 6.09 Pupil-to-teacher ratio in primary education Ratio | 30.3 | 49.3 = | 106 | Multiple (6) |

| Index Component | Value | Score * | Rank/140 | Best Performer |
|--|--------|---------------|-----------|----------------------|
|  Pillar 7: Product market 0-100 (best) | - | 56.9 ↑ | 60 | Singapore |
| 7.01 Distortive effect of taxes and subsidies on competition 1-7 (best) | 3.8 | 46.2 ↑ | 65 | Singapore |
| 7.02 Extent of market dominance 1-7 (best) | 3.3 | 37.6 ↑ | 112 | Switzerland |
| 7.03 Competition in services 1-7 (best) | 5.4 | 73.9 ↑ | 21 | Hong Kong SAR |
| 7.04 Prevalence of non-tariff barriers 1-7 (best) | 4.6 | 60.3 ↑ | 42 | Singapore |
| 7.05 Trade tariffs % duty | 4.39 | 70.8 ↓ | 55 | Hong Kong SAR |
| 7.06 Complexity of tariffs 1-7 (best) | 6.2 | 85.8 ↑ | 60 | Hong Kong SAR |
| 7.07 Efficiency of the clearance process 1-5 (best) | 2.5 | 38.2 ↓ | 85 | Germany |
| 7.08 Services trade openness 0-100 (worst) | 48.6 | 51.4 = | 90 | Ecuador |
|  Pillar 8: Labour market 0-100 (best) | - | 64.5 ↑ | 36 | United States |
| 8.01 Redundancy costs weeks of salary | 27.4 | 51.2 = | 118 | Multiple (8) |
| 8.02 Hiring and firing practices 1-7 (best) | 4.2 | 52.7 ↑ | 41 | Hong Kong SAR |
| 8.03 Cooperation in Labour-employer relations 1-7 (best) | 5.1 | 68.8 ↑ | 24 | Switzerland |
| 8.04 Flexibility of wage determination 1-7 (best) | 5.2 | 69.9 ↑ | 45 | Hong Kong SAR |
| 8.05 Active Labour policies 1-7 (best) | 3.6 | 44.1 ↑ | 57 | Switzerland |
| 8.06 Workers' rights 0-100 (best) | 62.9 | 62.9 ↑ | 92 | Multiple (4) |
| 8.07 Ease of hiring foreign labour 1-7 (best) | 3.9 | 47.9 ↑ | 91 | Albania |
| 8.08 Internal Labour mobility 1-7 (best) | 5.3 | 71.8 ↑ | 9 | Guinea |
| 8.09 Reliance on professional management 1-7 (best) | 4.9 | 65.4 ↑ | 31 | Finland |
| 8.10 Pay and productivity 1-7 (best) | 4.9 | 65.4 ↑ | 10 | United States |
| 8.11 Female participation in Labour force ratio | 0.61 | 51.3 ↑ | 86 | Multiple (4) |
| 8.12 Labour tax rate % | 8.7 | 99.0 = | 27 | Multiple (26) |
|  Pillar 9: Financial system 0-100 (best) | - | 67.9 ↑ | 39 | United States |
| 9.01 Domestic credit to private sector % GDP | 41.9 | 44.1 ↑ | 81 | Multiple (29) |
| 9.02 Financing of SMEs 1-7 (best) | 4.0 | 49.7 ↑ | 46 | United States |
| 9.03 Venture capital availability 1-7 (best) | 3.3 | 38.0 ↑ | 46 | United States |
| 9.04 Market capitalization % GDP | 84.1 | 84.1 ↓ | 22 | Multiple (12) |
| 9.05 Insurance premium % GDP | 1.9 | 31.0 = | 64 | Multiple (16) |
| 9.06 Soundness of banks 1-7 (best) | 5.8 | 80.4 ↑ | 16 | Finland |
| 9.07 Non-performing loans % loan portfolio value | 1.7 | 97.5 ↑ | 27 | Multiple (2) |
| 9.08 Credit gap percentage points | 6.4 | 88.3 ↓ | 121 | Multiple (97) |
| 9.09 Banks' regulatory capital ratio ratio | 16.1 | 98.3 = | 71 | Multiple (72) |
|  Pillar 10: Market size 0-100 (best) | - | 70.2 ↑ | 32 | China |
| 10.01 Gross domestic product PPP \$ billions | 798 | n/a | 29 | China |
| 10.02 Imports % GDP | 39.7 | n/a | 83 | Hong Kong SAR |
|  Pillar 11: Business dynamism 0-100 (best) | - | 65.8 ↑ | 39 | United States |
| 11.01 Cost of starting a business % GNI per capita | 15.8 | 92.1 = | 97 | Multiple (2) |
| 11.02 Time to start a business days | 28.0 | 72.4 = | 115 | New Zealand |
| 11.03 Insolvency recovery rate cents/\$ | 21.3 | 22.9 ↓ | 112 | Norway |
| 11.04 Insolvency regulatory framework 0-16 (best) | 14.0 | 87.5 = | 8 | Multiple (5) |
| 11.05 Attitudes toward entrepreneurial risk 1-7 (best) | 4.7 | 61.9 ↑ | 20 | Israel |
| 11.06 Willingness to delegate authority 1-7 (best) | 4.9 | 64.8 ↑ | 30 | Denmark |
| 11.07 Growth of innovative companies 1-7 (best) | 4.9 | 65.2 ↑ | 15 | Israel |
| 11.08 Companies embracing disruptive ideas 1-7 (best) | 4.6 | 59.5 ↑ | 12 | United States |
|  Pillar 12: Innovation capability 0-100 (best) | - | 37.2 ↑ | 67 | Germany |
| 12.01 Diversity of workforce 1-7 (best) | 5.3 | 72.4 ↑ | 15 | Canada |
| 12.02 State of cluster development 1-7 (best) | 4.0 | 50.0 ↑ | 49 | United States |
| 12.03 International co-inventions applications/million pop. | 0.09 | 2.5 ↓ | 87 | Multiple (7) |
| 12.04 Multi-stakeholder collaboration 1-7 (best) | 4.6 | 59.7 ↑ | 27 | United States |
| 12.05 Scientific publications H Index | 194.3 | 78.1 ↑ | 55 | Multiple (7) |
| 12.06 Patent applications applications/million pop. | 0.33 | 5.2 ↓ | 80 | Multiple (8) |
| 12.07 R&D expenditures % GDP | 0.1 | 4.6 = | 99 | Multiple (7) |
| 12.08 Quality of research institutions index | 0.01 | 1.8 ↑ | 71 | Multiple (7) |
| 12.09 Buyer sophistication 1-7 (best) | 3.6 | 43.2 ↑ | 57 | United States |
| 12.10 Trademark applications applications/million pop. | 160.02 | 54.7 ↑ | 98 | 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/>

