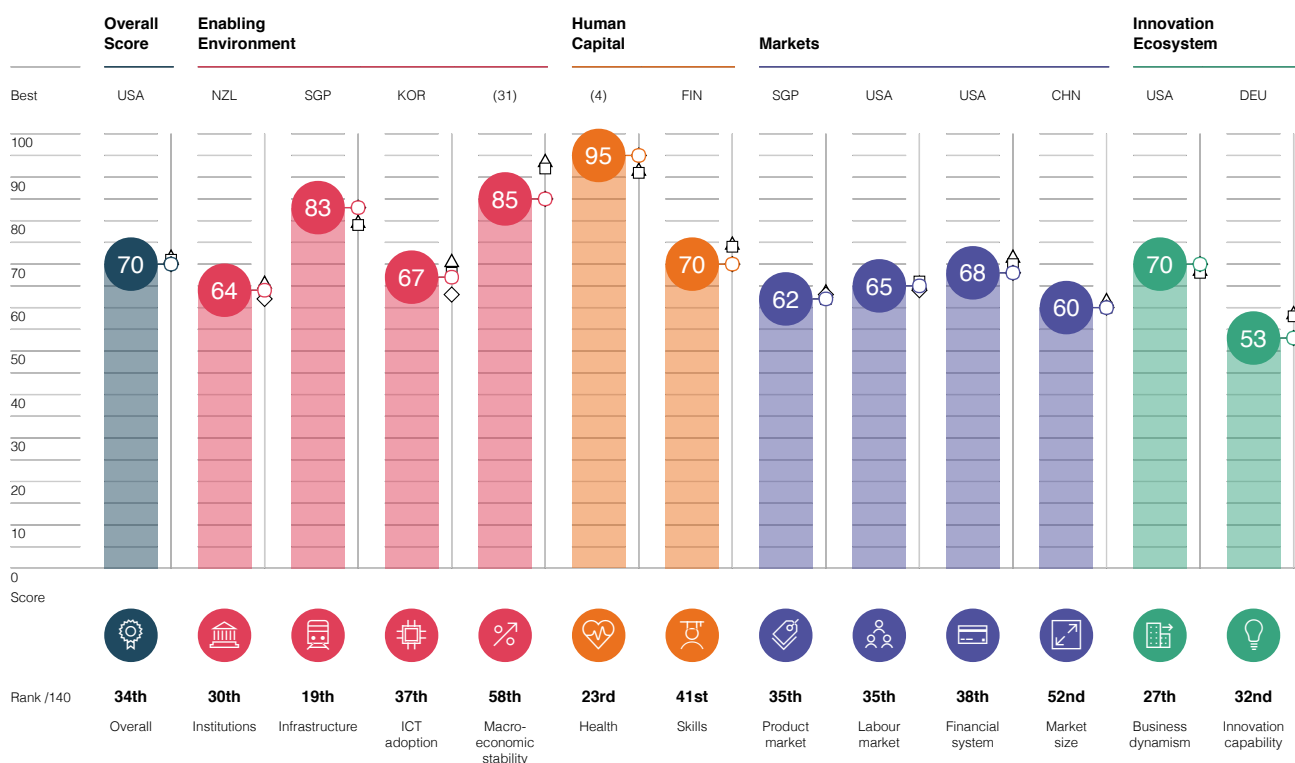


Global Competitiveness Index 4.0 2018 edition

Rank in 2017 edition: 33rd/135

Performance Overview 2018

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









Selected contextual indicators

| | | | |
|-------------------------------------|----------|--------------------------------------|------|
| Population millions | 10.3 | GDP (PPP) % world GDP | 0.25 |
| GDP per capita US\$ | 21,161.3 | Unemployment rate % | 8.9 |
| 10-year average annual GDP growth % | -0.1 | 5-year average FDI inward flow % GDP | 2.7 |

Social and environmental performance

| | | | |
|--|-----|--|------|
| Environmental footprint gha/capita | 3.7 | 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) | 35.5 |

| Index Component | Value | Score * | Rank/140 | Best Performer |
|---|-----------|---------------|-----------|----------------------|
|  Pillar 1: Institutions 0-100 (best) | - | 63.9 ↑ | 30 | New Zealand |
| 1.01 Organized crime 1-7 (best) | 6.0 | 83.0 ↓ | 12 | Finland |
| 1.02 Homicide rate /100,000 pop. | 0.6 | 99.5 ↑ | 17 | 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) | 5.8 | 79.6 ↑ | 23 | Finland |
| 1.05 Social capital 0-100 (high) | 54.2 | 54.2 ↓ | 45 | Australia |
| 1.06 Budget transparency 0-100 (best) | 69.2 | 69.2 = | 36 | Multiple (2) |
| 1.07 Judicial independence 1-7 (best) | 4.8 | 63.8 ↓ | 38 | Finland |
| 1.08 Efficiency of legal framework in challenging regulations 1-7 (best) | 3.1 | 34.9 ↑ | 82 | Finland |
| 1.09 Freedom of the press 0-100 (worst) | 14.2 | 85.8 ↑ | 14 | Norway |
| 1.10 Burden of government regulation 1-7 (best) | 3.1 | 34.8 ↑ | 94 | Singapore |
| 1.11 Efficiency of legal framework in settling disputes 1-7 (best) | 2.8 | 30.2 ↑ | 116 | Singapore |
| 1.12 E-Participation Index 0-1 (best) | 0.90 | 89.9 ↑ | 30 | Multiple (3) |
| 1.13 Future orientation of government 1-7 (best) | 3.7 | 45.1 ↑ | 70 | Singapore |
| 1.14 Incidence of corruption 0-100 (best) | 63.0 | 63.0 ↑ | 26 | New Zealand |
| 1.15 Property rights 1-7 (best) | 4.9 | 65.4 ↑ | 40 | Finland |
| 1.16 Intellectual property protection 1-7 (best) | 5.1 | 69.1 ↑ | 28 | Finland |
| 1.17 Quality of land administration 0-30 (best) | 21.0 | 70.0 = | 43 | Singapore |
| 1.18 Strength of auditing and reporting standards 1-7 (best) | 4.2 | 53.3 ↑ | 94 | Finland |
| 1.19 Conflict of interest regulation 0-10 (best) | 6.0 | 60.0 = | 54 | Multiple (2) |
| 1.20 Shareholder governance 0-10 (best) | 6.0 | 60.0 = | 56 | Kazakhstan |
|  Pillar 2: Infrastructure 0-100 (best) | - | 83.3 ↑ | 19 | Singapore |
| 2.01 Road connectivity index 0-100 (best) | 90.1 | 90.1 = | 15 | United States |
| 2.02 Quality of roads 1-7 (best) | 6.1 | 84.2 ↑ | 5 | Singapore |
| 2.03 Railroad density km of roads/square km | 27.6 | 69.0 = | 29 | Multiple (20) |
| 2.04 Efficiency of train services 1-7 (best) | 4.6 | 59.7 ↓ | 23 | Switzerland |
| 2.05 Airport connectivity score | 174,511.4 | 72.0 ↓ | 30 | Multiple (8) |
| 2.06 Efficiency of air transport services 1-7 (best) | 5.4 | 72.7 ↓ | 33 | Singapore |
| 2.07 Liner Shipping Connectivity Index 0-157.1 (best) | 54.1 | 54.1 ↑ | 27 | Multiple (4) |
| 2.08 Efficiency of seaport services 1-7 (best) | 5.0 | 66.2 ↓ | 26 | Singapore |
| 2.09 Electrification rate % pop. | 100.0 | 100.0 = | 1 | Multiple (66) |
| 2.10 Electric power transmission and distribution losses % output | 9.0 | 94.8 ↑ | 53 | Multiple (9) |
| 2.11 Exposure to unsafe drinking water % pop. | 1.1 | 100.0 = | 22 | Multiple (23) |
| 2.12 Reliability of water supply 1-7 (best) | 6.2 | 87.3 ↓ | 26 | Switzerland |
|  Pillar 3: ICT adoption 0-100 (best) | - | 67.1 ↑ | 37 | Korea, Rep. |
| 3.01 Mobile-cellular telephone subscriptions /100 pop. | 113.9 | 94.9 ↑ | 78 | Multiple (68) |
| 3.02 Mobile-broadband subscriptions /100 pop. | 68.9 | n/a | 69 | United Arab Emirates |
| 3.03 Fixed-broadband Internet subscriptions /100 pop. | 34.6 | 69.2 ↑ | 17 | Switzerland |
| 3.04 Fibre Internet subscriptions /100 pop. | 10.5 | n/a | 21 | Korea, Rep. |
| 3.05 Internet users % pop. | 70.4 | 70.4 ↑ | 54 | Iceland |
|  Pillar 4: Macroeconomic stability 0-100 (best) | - | 85.0 = | 58 | Multiple (31) |
| 4.01 Inflation annual % change | 1.1 | 100.0 = | 1 | Multiple (74) |
| 4.02 Debt dynamics 0-100 (best) | 70.0 | 70.0 = | 60 | Multiple (36) |
|  Pillar 5: Health 0-100 (best) | - | 95.3 ↑ | 23 | Multiple (4) |
| 5.01 Healthy life expectancy years | 70.5 | 95.3 ↑ | 22 | Multiple (4) |
|  Pillar 6: Skills 0-100 (best) | - | 69.9 ↑ | 41 | Finland |
| 6.01 Mean years of schooling Years | 8.9 | 59.3 = | 75 | Finland |
| 6.02 Extent of staff training 1-7 (best) | 4.1 | 51.6 ↓ | 59 | Switzerland |
| 6.03 Quality of vocational training 1-7 (best) | 4.4 | 57.3 ↑ | 45 | Switzerland |
| 6.04 Skillset of graduates 1-7 (best) | 4.8 | 63.3 ↑ | 29 | Switzerland |
| 6.05 Digital skills among population 1-7 (best) | 4.6 | 59.3 ↑ | 50 | Sweden |
| 6.06 Ease of finding skilled employees 1-7 (best) | 4.7 | 61.7 ↓ | 32 | United States |
| 6.07 School life expectancy Years | 16.3 | 90.5 ↓ | 29 | Multiple (9) |
| 6.08 Critical thinking in teaching 1-7 (best) | 4.0 | 50.8 ↑ | 36 | United States |
| 6.09 Pupil-to-teacher ratio in primary education Ratio | 13.3 | 91.7 = | 36 | Multiple (6) |

| Index Component | Value | Score * | Rank/140 | Best Performer |
|--|----------|---------------|-----------|----------------------|
|  Pillar 7: Product market 0-100 (best) | - | 61.9 ↓ | 35 | Singapore |
| 7.01 Distortive effect of taxes and subsidies on competition 1-7 (best) | 3.8 | 46.6 ↑ | 61 | Singapore |
| 7.02 Extent of market dominance 1-7 (best) | 4.1 | 52.5 ↑ | 38 | Switzerland |
| 7.03 Competition in services 1-7 (best) | 5.4 | 73.7 ↑ | 22 | Hong Kong SAR |
| 7.04 Prevalence of non-tariff barriers 1-7 (best) | 5.3 | 72.4 ↓ | 5 | Singapore |
| 7.05 Trade tariffs % duty | 1.13 | 92.4 ↓ | 21 | 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) | 3.2 | 54.3 ↓ | 35 | Germany |
| 7.08 Services trade openness 0-100 (worst) | 21.8 | 78.2 = | 44 | Ecuador |
|  Pillar 8: Labour market 0-100 (best) | - | 64.7 ↑ | 35 | United States |
| 8.01 Redundancy costs weeks of salary | 17.0 | 72.9 = | 73 | Multiple (8) |
| 8.02 Hiring and firing practices 1-7 (best) | 3.1 | 35.2 ↑ | 121 | Hong Kong SAR |
| 8.03 Cooperation in Labour-employer relations 1-7 (best) | 4.6 | 60.2 ↓ | 49 | Switzerland |
| 8.04 Flexibility of wage determination 1-7 (best) | 4.8 | 63.1 ↓ | 82 | Hong Kong SAR |
| 8.05 Active Labour policies 1-7 (best) | 4.2 | 52.8 ↑ | 38 | Switzerland |
| 8.06 Workers' rights 0-100 (best) | 90.7 | 90.7 ↑ | 14 | Multiple (4) |
| 8.07 Ease of hiring foreign labour 1-7 (best) | 5.0 | 66.9 ↓ | 9 | Albania |
| 8.08 Internal Labour mobility 1-7 (best) | 3.9 | 48.2 ↓ | 116 | Guinea |
| 8.09 Reliance on professional management 1-7 (best) | 4.4 | 56.2 ↑ | 60 | Finland |
| 8.10 Pay and productivity 1-7 (best) | 3.9 | 49.0 ↓ | 67 | United States |
| 8.11 Female participation in Labour force ratio | 0.95 | 93.5 ↑ | 13 | Multiple (4) |
| 8.12 Labour tax rate % | 26.8 | 73.9 = | 117 | Multiple (26) |
|  Pillar 9: Financial system 0-100 (best) | - | 68.4 ↑ | 38 | United States |
| 9.01 Domestic credit to private sector % GDP | 120.4 | 100.0 = | 20 | Multiple (29) |
| 9.02 Financing of SMEs 1-7 (best) | 3.7 | 45.5 ↑ | 74 | United States |
| 9.03 Venture capital availability 1-7 (best) | 3.1 | 35.5 ↑ | 55 | United States |
| 9.04 Market capitalization % GDP | 27.7 | 27.7 ↓ | 61 | Multiple (12) |
| 9.05 Insurance premium % GDP | 7.0 | 100.0 = | 11 | Multiple (16) |
| 9.06 Soundness of banks 1-7 (best) | 3.3 | 38.7 ↑ | 127 | Finland |
| 9.07 Non-performing loans % loan portfolio value | 11.8 | 77.1 ↑ | 112 | Multiple (2) |
| 9.08 Credit gap percentage points | -25.7 | 100.0 = | 6 | Multiple (97) |
| 9.09 Banks' regulatory capital ratio ratio | 13.0 | 91.2 = | 108 | Multiple (72) |
|  Pillar 10: Market size 0-100 (best) | - | 60.1 ↑ | 52 | China |
| 10.01 Gross domestic product PPP \$ billions | 286 | n/a | 53 | China |
| 10.02 Imports % GDP | 43.2 | n/a | 71 | Hong Kong SAR |
|  Pillar 11: Business dynamism 0-100 (best) | - | 69.7 ↓ | 27 | United States |
| 11.01 Cost of starting a business % GNI per capita | 2.1 | 99.0 = | 43 | Multiple (2) |
| 11.02 Time to start a business days | 5.0 | 95.5 = | 21 | New Zealand |
| 11.03 Insolvency recovery rate cents/\$ | 63.8 | 68.7 ↓ | 35 | Norway |
| 11.04 Insolvency regulatory framework 0-16 (best) | 14.5 | 90.6 = | 6 | Multiple (5) |
| 11.05 Attitudes toward entrepreneurial risk 1-7 (best) | 3.8 | 46.7 ↑ | 80 | Israel |
| 11.06 Willingness to delegate authority 1-7 (best) | 4.3 | 54.2 ↑ | 70 | Denmark |
| 11.07 Growth of innovative companies 1-7 (best) | 4.4 | 56.3 ↑ | 41 | Israel |
| 11.08 Companies embracing disruptive ideas 1-7 (best) | 3.8 | 46.7 ↓ | 46 | United States |
|  Pillar 12: Innovation capability 0-100 (best) | - | 53.1 ↑ | 32 | Germany |
| 12.01 Diversity of workforce 1-7 (best) | 4.8 | 63.0 ↓ | 41 | Canada |
| 12.02 State of cluster development 1-7 (best) | 4.3 | 54.4 ↑ | 38 | United States |
| 12.03 International co-inventions applications/million pop. | 1.34 | 26.1 ↓ | 37 | Multiple (7) |
| 12.04 Multi-stakeholder collaboration 1-7 (best) | 4.0 | 50.5 ↑ | 41 | United States |
| 12.05 Scientific publications H Index | 391.3 | 88.4 ↑ | 31 | Multiple (7) |
| 12.06 Patent applications applications/million pop. | 10.89 | 45.5 ↑ | 35 | Multiple (8) |
| 12.07 R&D expenditures % GDP | 1.3 | 42.6 ↓ | 30 | Multiple (7) |
| 12.08 Quality of research institutions index | 0.08 | 20.7 ↑ | 26 | Multiple (7) |
| 12.09 Buyer sophistication 1-7 (best) | 3.8 | 46.5 ↑ | 43 | United States |
| 12.10 Trademark applications applications/million pop. | 5,617.63 | 92.9 ↑ | 20 | 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/>

