

<b>Economic Performance</b>	<b>Hard Statistics</b> (ranked)	<b>Survey Data</b> (ranked)	<b>Background Data</b> (not ranked)	<b>Total</b>
Domestic Economy	9	1	16*	26*
International Trade	12	0	13	25
International Investment	10	1	4	15
Employment	8	0	2	10
Prices	5	0	1	6
	<b>44</b>	<b>2</b>	<b>36</b>	<b>82*</b>

  

<b>Government Efficiency</b>	<b>Hard Statistics</b> (ranked)	<b>Survey Data</b> (ranked)	<b>Background Data</b> (not ranked)	<b>Total</b>
Public Finance	4	3	3	10
Tax Policy	6	1	4	11
Institutional Framework	7	7	2	16
Business Legislation	6	13	0	19
Societal Framework	10	4	3	17
	<b>33</b>	<b>28</b>	<b>12</b>	<b>73</b>

  

<b>Business Efficiency</b>	<b>Hard Statistics</b> (ranked)	<b>Survey Data</b> (ranked)	<b>Background Data</b> (not ranked)	<b>Total</b>
Productivity & Efficiency	3	4	3	10
Labor Market	11	10	4	25
Finance	9	7	3	19
Management Practices	4	10	0	14
Attitudes & Values	0	7	0	7
	<b>27</b>	<b>38</b>	<b>10</b>	<b>75</b>

  

<b>Infrastructure</b>	<b>Hard Statistics</b> (ranked)	<b>Survey Data</b> (ranked)	<b>Background Data</b> (not ranked)	<b>Total</b>
Basic Infrastructure	8	5	7	20
Technological Infrastructure	10	7	0	17
Scientific Infrastructure	15	3	4	22
Health & Environment	15	5	8	28
Education	12	4	3	19
	<b>60</b>	<b>24</b>	<b>22</b>	<b>106</b>

  

<b>Total Criteria</b>	<b>164</b>	<b>92</b>	<b>80</b>	<b>336*</b> including exchange rate
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## Economic Performance

### Domestic Economy

I.1.00 [B]	Exchange rate	National currency per US\$ (average)
I.1.01	Gross Domestic Product (GDP)	US\$ billions
I.1.02	GDP (PPP)	Estimates ; US\$ billions at purchasing power parity
I.1.03 [B]	World GDP contribution	Percentage share of world GDP in market prices
I.1.04 [B]	Household consumption expenditure (\$bn)	US\$ billions
I.1.05 [B]	Household consumption expenditure (%)	Percentage of GDP
I.1.06 [B]	Government consumption expenditure (\$bn)	US\$ billions
I.1.07 [B]	Government consumption expenditure (%)	Percentage of GDP
I.1.08 [B]	Gross fixed capital formation (\$bn)	US\$ billions
I.1.09	Gross fixed capital formation (%)	Percentage of GDP
I.1.10 [B]	Gross domestic savings (\$bn)	US\$ billions
I.1.11 [B]	Gross domestic savings (%)	Percentage of GDP
I.1.12 [B][3]	Economic sectors	Breakdown of the economic sectors, percentage of GDP
I.1.13	Economic complexity index	Measures knowledge intensity, by considering exports
I.1.14	Real GDP growth	Percentage change, based on national currency in constant prices
I.1.15	Real GDP growth per capita	Percentage change, based on national currency in constant prices
I.1.16 [B]	Household consumption expenditure - real growth	Percentage change, based on constant prices
I.1.17 [B]	Government consumption expenditure - real growth	Percentage change, based on constant prices
I.1.18	Gross fixed capital formation - real growth	Percentage change, based on constant prices
I.1.19 [S]	Resilience of the economy	Resilience of the economy to economic cycles is strong
I.1.20	GDP per capita	US\$ per capita
I.1.21	GDP (PPP) per capita	Estimates; US\$ per capita at purchasing power parity
I.1.22 [B]	Forecast: Real GDP growth	Percentage change, based on national currency in constant prices

I.1.23 [B]	Forecast: Inflation	Percentage change
I.1.24 [B]	Forecast: Unemployment	Percentage of total labor force
I.1.25 [B]	Forecast: Current account balance	Percentage of GDP

## International Trade

I.2.01 [B]	Current account balance (\$bn)	US\$ billions (minus sign = deficit)
I.2.02	Current account balance	Percentage of GDP
I.2.03 [B]	Balance of trade (\$bn)	US\$ billions (minus sign = deficit)
I.2.04 [B]	Balance of trade (%)	Percentage of GDP
I.2.05 [B]	Balance of commercial services (\$bn)	US\$ billions (minus sign = deficit)
I.2.06 [B]	Balance of commercial services (%)	Percentage of GDP
I.2.07 [B]	World exports contribution	Percentage share of world exports (goods and commercial services)
I.2.08	Exports of goods (\$bn)	US\$ billions
I.2.09	Exports of goods (%)	Percentage of GDP
I.2.10 [B]	Exports of goods per capita	US\$ per capita
I.2.11	Exports of goods - growth	Percentage change, based on US\$ values
I.2.12	Exports of commercial services (\$bn)	US\$ billions
I.2.13	Exports of commercial services (%)	Percentage of GDP
I.2.14	Exports of commercial services - growth	Percentage change, based on US\$ values
I.2.15 [B]	Exports of goods & commercial services	US\$ billions
I.2.16 [B][3]	Exports breakdown by economic sector	Percentage of total exports
I.2.17	Export concentration by partner	Exports to top 5 countries, percentage of total exports
I.2.18	Export concentration by product	Top 5 products, percentage of total exports
I.2.19 [B]	Imports of goods & commercial services (\$bn)	US\$ billions
I.2.20 [B]	Imports of goods & commercial services (%)	Percentage of GDP
I.2.21 [B]	Imports of goods & commerc. services growth	Percentage change, based on US\$ values
I.2.22 [B][3]	Imports breakdown by economic sector	Percentage of total imports
I.2.23	Trade to GDP ratio	(Exports + Imports) / GDP
I.2.24	Terms of trade index	Unit value of exports over unit value of imports
I.2.25	Tourism receipts	International tourism receipts as a percentage of GDP

## International Investment

I.3.01	Direct investment flows abroad (\$bn)	US\$ billions
I.3.02	Direct investment flows abroad (% of GDP)	Percentage of GDP
I.3.03	Direct investment stocks abroad (\$bn)	US\$ billions
I.3.04	Direct investment stocks abroad (% of GDP)	Percentage of GDP
I.3.05	Direct investment flows inward (\$bn)	US\$ billions
I.3.06	Direct investment flows inward (% of GDP)	Percentage of GDP
I.3.07	Direct investment stocks inward (\$bn)	US\$ billions
I.3.08	Direct investment stocks inward (% of GDP)	Percentage of GDP
I.3.09 [B]	Balance of direct investment flows (\$bn)	US\$ billions (flows abroad minus flows inward)
I.3.10 [B]	Balance of direct investment flows (%)	Percentage of GDP (flows abroad minus flows inward)
I.3.11 [B]	Net position in direct investment stocks (\$bn)	US\$ billions (stocks abroad minus stocks inward)
I.3.12 [B]	Net position in direct investment stocks (%)	Percentage of GDP (stocks abroad minus stocks inward)
I.3.13 [S]	Relocation threats of business	Relocation of business is not a threat to the future of your economy
I.3.14	Portfolio investment assets	US\$ billions
I.3.15	Portfolio investment liabilities	US\$ billions

## Employment

I.4.01	Employment	Total employment in millions
I.4.02	Employment (%)	Percentage of population
I.4.03	Employment - growth	Estimates: percentage change
I.4.04	Employment - long-term growth	Estimates: five year percentage change
I.4.05 [B][3]	Employment by sector	Percentage of total employment
I.4.06 [B]	Employment in the public sector	Percentage of total employment
I.4.07	Unemployment rate	Percentage of labor force
I.4.08	Long-term unemployment	Percentage of labor force
I.4.09	Youth unemployment	Percentage of youth labor force (under the age of 25)
I.4.10	Youth exclusion	Share of youth population (15-24) not in education, employment or training

## Prices

I.5.01	Consumer price inflation	Average annual rate
I.5.02	Cost-of-living index	Index of a basket of goods & services in the main city, including housing (New York City = 100)
I.5.03 [B]	Apartment rent	3-room apartment monthly rent in major cities, US\$

1.5.04	Office rent	Total occupation cost in the main city (US\$/Sq.M. per year)
1.5.05	Food costs	Percentage of household final consumption expenditures
1.5.06	Gasoline prices	Premium unleaded gasoline (95 Ron) US\$ per litre

## Government Efficiency

### Public Finance

2.1.01 [B]	Government budget surplus/deficit (\$bn)	US\$ billions
2.1.02	Government budget surplus/deficit (%)	Percentage of GDP
2.1.03 [B]	Total general government debt (\$bn)	US\$ billions
2.1.04	Total general government debt (%)	Percentage of GDP
2.1.05 [B]	Total general government debt-real growth	Percentage change, based on national currency in constant prices
2.1.06	Interest payment (%)	Percentage of current revenue
2.1.07 [S]	Public finances	Public finances are being efficiently managed
2.1.08 [S]	Tax evasion	Tax evasion is not a threat to your economy
2.1.09 [S]	Pension funding	Pension funding is adequately addressed for the future
2.1.10	General government expenditure	Percentage of GDP

### Tax Policy

2.2.01	Collected total tax revenues	Percentage of GDP
2.2.02	Collected personal income tax	On profits, income and capital gains, as a percentage of GDP
2.2.03 [B]	Collected corporate taxes	On profits, income and capital gains, as a percentage of GDP
2.2.04 [B]	Collected indirect tax revenues	Taxes on goods and services as a percentage of GDP
2.2.05 [B]	Collected capital and property taxes	Percentage of GDP
2.2.06 [B]	Collected social security contribution	Compulsory contribution of employees and employers as a percentage of GDP
2.2.07	Corporate tax rate on profit	Maximum tax rate, calculated on profit before tax
2.2.08	Consumption tax rate	Standard rate of VAT/GST
2.2.09	Employer social security tax rate	%
2.2.10	Employee social security tax rate	%
2.2.11 [S]	Real personal taxes	Real personal taxes do not discourage people from working or seeking advancement

### Institutional Framework

2.3.01 [B]	Real short-term interest rate	Real discount / bank rate
2.3.02 [S]	Cost of capital	Cost of capital encourages business development
2.3.03	Interest rate spread	Lending rate minus deposit rate
2.3.04	Country credit rating	Index (0-60) of three country credit ratings: Fitch, Moody's and S&P
2.3.05 [S]	Central bank policy	Central bank policy has a positive impact on the economy
2.3.06 [B]	Foreign currency reserves	US\$ billions
2.3.07	Foreign currency reserves per capita	US\$ per capita
2.3.08	Exchange rate stability	Parity change from national currency to SDR, 2022 / 2020
2.3.09 [S]	Legal and regulatory framework	The legal and regulatory framework encourages the competitiveness of enterprises
2.3.10 [S]	Adaptability of government policy	Adaptability of government policy to changes in the economy is high
2.3.11 [S]	Transparency	Transparency of government policy is satisfactory
2.3.12 [S]	Bureaucracy	Bureaucracy does not hinder business activity
2.3.13 [S]	Bribery and corruption	Bribery and corruption do not exist
2.3.14	Rule of law	Rule of Law Index
2.3.15	Sustainable Development Goals	Country performance on the 17 SDGs
2.3.16	Democracy Index	EIU Overall Democracy Index, © The Economist Intelligence Unit Limited 2022

### Business Legislation

2.4.01	Tariff barriers	Tariffs on imports: Applied weighted mean tariff rate for all products
2.4.02 [S]	Protectionism	Protectionism of your government does not impair the conduct of your business
2.4.03 [S]	Public sector contracts	Public sector contracts are sufficiently open to foreign bidders
2.4.04 [S]	Foreign investors	Foreign investors are free to acquire control in domestic companies
2.4.05 [S]	Capital markets	Capital markets (foreign and domestic) are easily accessible
2.4.06 [S]	Investment incentives	Investment incentives are attractive to foreign investors
2.4.07	Government subsidies	To private and public companies as a percentage of GDP
2.4.08 [S]	Subsidies	Subsidies do not distort fair competition and economic development
2.4.09 [S]	State ownership of enterprises	State ownership of enterprises is not a threat to business activities
2.4.10 [S]	Competition legislation	Competition legislation is efficient in preventing unfair competition
2.4.11 [S]	Parallel economy	Parallel (black-market, unrecorded) economy does not impair economic development
2.4.12	New business density	Registered new businesses per 1'000 people aged 15-64
2.4.13 [S]	Creation of firms	Creation of firms is supported by legislation
2.4.14	Start-up days	Number of days to start a business

2.4.15	Start-up procedures	Number of procedures to start a business
2.4.16 [S]	Labor regulations	Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities
2.4.17 [S]	Unemployment legislation	Unemployment legislation provides an incentive to look for work
2.4.18 [S]	Immigration laws	Immigration laws do not prevent your company from employing foreign labor
2.4.19	Redundancy costs	Number of weeks of salary

## Societal Framework

2.5.01 [S]	Justice	Justice is fairly administered
2.5.02	Homicide	Intentional homicide, rate per 100'000 population
2.5.03	Ageing of population	Population over 65, percentage of total population
2.5.04 [S]	Risk of political instability	The risk of political instability is very low
2.5.05 [S]	Social cohesion	Social cohesion is high
2.5.06	Gini coefficient	Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)
2.5.07 [B]	Income distribution - lowest 10%	Percentage of household incomes going to lowest 10% of households
2.5.08 [B]	Income distribution - highest 10%	Percentage of household incomes going to highest 10% of households
2.5.09	Income distribution - lowest 40%	Percentile going to the lowest 40% of households
2.5.10 [B]	Income distribution - lowest 40% growth	Percentile going to the lowest 40% of households - growth
2.5.11 [S]	Equal opportunity	Equal opportunity legislation in your economy encourages economic development
2.5.12	Females in parliament	Percentage of total seats in Parliament
2.5.13	Unemployment rate - gender ratio	Ratio of the female and male unemployment rates
2.5.14	Gender inequality	Gender Inequality Index (UNDP)
2.5.15	Disposable income	Female / male ratio
2.5.16	Freedom of the press	Reporters Without Borders: World Press Freedom Score
2.5.17	Inequality in life expectancy	Index

## Business Efficiency

### Productivity & Efficiency

3.1.01	Overall productivity (PPP)	Estimates: GDP (PPP) per person employed, US\$
3.1.02	Overall productivity (PPP) - real growth	Estimates: Percentage change of GDP (PPP) per person employed
3.1.03	Labor productivity (PPP)	Estimates: GDP (PPP) per person employed per hour, US\$
3.1.04 [B]	Agricultural productivity (PPP)	Estimates: Related GDP (PPP) per person employed in agriculture, US\$
3.1.05 [B]	Productivity in industry (PPP)	Estimates: Related GDP (PPP) per person employed in industry, US\$
3.1.06 [B]	Productivity in services (PPP)	Estimates: Related GDP (PPP) per person employed in services, US\$
3.1.07 [S]	Workforce productivity	Workforce productivity is competitive by international standards
3.1.08 [S]	Large corporations	Large corporations are efficient by international standards
3.1.09 [S]	Small and medium-size enterprises	Small and medium-size enterprises are efficient by international standards
3.1.10 [S]	Use of digital tools and technologies	Companies are very good at using digital tools and technologies to improve performance

### Labor Market

3.2.01	Compensation levels	Total hourly compensation in manufacturing (wages + supplementary benefits), US\$
3.2.02 [B]	Unit labor costs for total economy	Percentage change
3.2.03 [B][7]	Remuneration in services professions	Gross annual income including supplements such as bonuses, US\$
3.2.04	Statutory minimum wage	Statutory gross monthly minimum wage
3.2.05 [4]	Remuneration of management	Total base salary plus bonuses and long-term incentives, US\$
3.2.06 [B]	Remuneration spread	Ratio of CEO to personal assistant remuneration
3.2.07	Working hours	Average number of working hours per year
3.2.08 [S]	Worker motivation	Worker motivation in companies is high
3.2.09 [B]	Industrial disputes	Working days lost per 1,000 inhabitants per year (average 2019-2021)
3.2.10 [S]	Apprenticeships	Apprenticeships are sufficiently implemented
3.2.11 [S]	Employee training	Employee training is a high priority in companies
3.2.12	Labor force	Employed and registered unemployed (millions)
3.2.13	Labor force (%)	Percentage of population
3.2.14	Labor force growth	Percentage change
3.2.15	Labor force - long-term growth	Estimates: five year percentage change
3.2.16	Part-time employment	Percentage of total employment
3.2.17	Female labor force	Percentage of total labor force
3.2.18	Foreign labor force - migrant stock	Migrant stock, age 20-64, % of population
3.2.19 [S]	Skilled labor	Skilled labor is readily available
3.2.20 [S]	Finance skills	Finance skills are readily available
3.2.21 [S]	Attracting and retaining talents	Attracting and retaining talents is a priority in companies
3.2.22 [S]	Brain drain	Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy
3.2.23 [S]	Foreign highly skilled personnel	Foreign highly-skilled personnel are attracted to your country's business environment
3.2.24 [S]	International experience	International experience of senior managers is generally significant

3.2.25 [S]	Competent senior managers	Competent senior managers are readily available
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## Finance

3.3.01	Banking sector assets	Percentage of GDP
3.3.02 [B]	Financial cards in circulation	Number of cards per capita
3.3.03	Financial card transactions	US\$ per capita
3.3.04	Access to financial services	Proportion of adults with a bank account or mobile-money-service provider
3.3.05	Access to financial services - gender ratio	Ratio of the female and male access to a bank account or mobile-money-service provider
3.3.06 [S]	Banking and financial services	Banking and financial services do support business activities efficiently
3.3.07 [S]	Regulatory compliance (banking laws)	Regulatory compliance is sufficiently developed
3.3.08 [S]	Stock markets	Stock markets provide adequate financing to companies
3.3.09 [B]	Stock market capitalization (\$bn)	US\$ billions
3.3.10	Stock market capitalization (%)	Percentage of GDP
3.3.11 [B]	Value traded on stock markets	US\$ per capita
3.3.12	Listed domestic companies	Number of listed domestic companies
3.3.13	Stock market index	Percentage change on index in national currency
3.3.14 [S]	Shareholders' rights	Shareholders' rights are sufficiently implemented
3.3.15	Initial Public Offerings	By acquiror nation (average 2020-2022) US\$ millions
3.3.16 [S]	Credit	Credit is easily available for business
3.3.17 [S]	Venture capital	Venture capital is easily available for business
3.3.18	M&A Activity	Deals per listed company (average 2019-2021)
3.3.19 [S]	Corporate debt	Corporate debt does not restrain the ability of enterprises to compete

## Management Practices

3.4.01 [S]	Agility of companies	Companies are agile
3.4.02 [S]	Changing market conditions	Companies are generally extremely aware of changing market conditions
3.4.03 [S]	Opportunities and threats	Companies are very good at responding quickly to opportunities and threats
3.4.04 [S]	Credibility of managers	Credibility of managers in society is strong
3.4.05 [S]	Corporate boards	Corporate boards do supervise the management of companies effectively
3.4.06 [S]	Auditing and accounting practices	Auditing and accounting practices are adequately implemented in business
3.4.07 [S]	Use of big data and analytics	Companies are very good at using big data and analytics to support decision-making
3.4.08 [S]	Customer satisfaction	Customer satisfaction is emphasized in companies
3.4.09 [S]	Entrepreneurship	Entrepreneurship of managers is widespread in business
3.4.10 [S]	Social responsibility	Social responsibility of business leaders is high
3.4.11	Women in management	Female share of senior and middle management (% of management)
3.4.12	Women on boards	Boardmembers of all companies analyzed by MSCI
3.4.13	Entrepreneurial fear of failure	% indicating that fear of failure would prevent them from setting up a business
3.4.14	Total early-stage Entrepreneurial Activity	% who are either a nascent entrepreneur or owner-manager of a new business

## Attitudes & Values

3.5.01 [S]	Attitudes toward globalization	Attitudes toward globalization are generally positive in your society
3.5.02 [S]	Image abroad or branding	The image abroad of your country encourages business development
3.5.03 [S]	National culture	The national culture is open to foreign ideas
3.5.04 [S]	Flexibility and adaptability	Flexibility and adaptability of people are high when faced with new challenges
3.5.05 [S]	Need for economic and social reforms	The need for economic and social reforms is generally well understood
3.5.06 [S]	Digital transformation in companies	Digital transformation in companies is generally well implemented
3.5.07 [S]	Value system	The value system in your society supports competitiveness

## Infrastructure

### Basic Infrastructure

4.1.01 [B]	Land area	Square kilometers ('000)
4.1.02	Arable area	Square meters per capita
4.1.03	Water resources	Total internal renewable per capita in cubic meters
4.1.04 [S]	Access to water	Access to water is adequately ensured and managed
4.1.05 [S]	Management of cities	Management of cities supports business development
4.1.06 [B]	Population - market size	Estimates in millions
4.1.07	Population - growth	Percentage change
4.1.08 [B][2]	Dependent Population	Percentage of total population
4.1.09	Dependency ratio	Population under 15 and over 64 years old, divided by active population (15 to 64 years)
4.1.10	Roads	Density of the network, km roads/square km land area
4.1.11	Railroads	Density of the network, km per square km
4.1.12 [B]	Air transportation	Number of passengers carried by main companies, thousands
4.1.13 [S]	Quality of air transportation	Quality of air transportation encourages business development

4.1.14 [S]	Distribution infrastructure	The distribution infrastructure of goods and services is generally efficient
4.1.15 [S]	Energy infrastructure	Energy infrastructure is adequate and efficient
4.1.16 [B]	Total indigenous energy production	Millions MTOE
4.1.17	Total indigenous energy production (%)	Percentage of total requirements in tons of oil equivalent
4.1.18 [B]	Total final energy consumption	Millions MTOE
4.1.19 [B]	Total final energy consumption per capita	MTOE per capita
4.1.20	Electricity costs for industrial clients	US\$ per kwh
<b>Technological Infrastructure</b>		
4.2.01	Investment in Telecommunications	Percentage of GDP
4.2.02	Mobile broadband subscribers	4G & 5G market, % of mobile market
4.2.03	Mobile telephone costs	Monthly Blended Average Revenue per User
4.2.04 [S]	Communications technology	Communications technology (voice and data) meets business requirements
4.2.05	Secure internet servers	publicly-trusted TLS/SSL certificates, Netcraft Secure Server Survey.
4.2.06	Internet users	Number of internet users per 1000 people
4.2.07	Broadband subscribers	Number of subscriptions per 1000 inhabitants
4.2.08	Internet bandwidth speed	Average speed
4.2.09 [S]	Digital/Technological skills	Digital/Technological skills are readily available
4.2.10 [S]	Qualified engineers	Qualified engineers are available in your labor market
4.2.11 [S]	Public-private partnerships	Public and private sector ventures are supporting technological development
4.2.12 [S]	Development & application of tech.	Development and application of technology are supported by the legal environment
4.2.13 [S]	Funding for technological development	Funding for technological development is readily available
4.2.14	High-tech exports (\$)	US\$ millions
4.2.15	High-tech exports (%)	Percentage of manufactured exports
4.2.16	ICT service exports	Percentage of service exports
4.2.17 [S]	Cyber security	Cyber security is being adequately addressed by corporations
<b>Scientific Infrastructure</b>		
4.3.01	Total expenditure on R&D (\$)	US\$ millions
4.3.02	Total expenditure on R&D (%)	Percentage of GDP
4.3.03 [B]	Total expenditure on R&D per capita (\$)	US\$ per capita
4.3.04	Business expenditure on R&D (\$)	US\$ millions
4.3.05	Business expenditure on R&D (%)	Percentage of GDP
4.3.06	Total R&D personnel	Full-time work equivalent (FTE thousands)
4.3.07	Total R&D personnel per capita	Full-time work equivalent (FTE) per 1000 people
4.3.08 [B]	Total R&D personnel in business enterprise	Full-time work equivalent (FTE thousands)
4.3.09 [B]	Total R&D personnel in business per capita	Full-time work equivalent (FTE) per 1000 people
4.3.10	Researchers in R&D per capita	Full-time work equivalent (FTE) per 1000 people
4.3.11	Graduates in Sciences	% of graduates in ICT, Engineering, Math & Natural Sciences
4.3.12	Scientific articles	Scientific articles published by origin of author
4.3.13 [B]	Nobel prizes	Awarded in physics, chemistry, physiology or medicine and economics since 1950
4.3.14	Nobel prizes per capita	Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people
4.3.15	Patent applications	Number of applications filed by applicant's origin
4.3.16	Patent applications per capita	Number of applications filed by applicant's origin, per 100,000 inhabitants
4.3.17	Patent grants	Number of patents granted by applicant's origin (average 2019-2021)
4.3.18	Number of patents in force	by applicant's origin, per 100,000 inhabitants
4.3.19	Medium- and high-tech value added	Proportion of total manufacturing value added, expressed as a percentage
4.3.20 [S]	Scientific research legislation	Laws relating to scientific research do encourage innovation
4.3.21 [S]	Intellectual property rights	Intellectual property rights are adequately enforced
4.3.22 [S]	Knowledge transfer	Knowledge transfer is highly developed between companies and universities
<b>Health &amp; Environment</b>		
4.4.01	Total health expenditure	Percentage of GDP
4.4.02 [B]	Total health expenditure per capita	US\$ per capita
4.4.03 [B]	Public expenditure on health (%)	Percentage of total health expenditure
4.4.04 [S]	Health infrastructure	Health infrastructure meets the needs of society
4.4.05	Universal health coverage index	Coverage index for essential health services (0-100)
4.4.06	Life expectancy at birth	Average estimate
4.4.07 [B]	Healthy life expectancy	Average estimate
4.4.08 [B]	Infant mortality	Under five mortality rate per 1000 live births
4.4.09 [2]	Medical assistance	Number of inhabitants per physician and per nurse
4.4.10 [B]	Urban population	Percentage of total population
4.4.11	Human development index	Combines economic - social - educational indicators/ Source: Human Development Report
4.4.12	Energy intensity	Total energy consumed for each 1000 US\$ of GDP in MTOE

4.4.13	Safely treated waste water	Percentage of waste water
4.4.14	Water use efficiency	US\$ per cubic meter
4.4.15 [B]	CO2 emissions	Metric tons of carbon dioxide from fuel combustion
4.4.16	CO2 emissions intensity	CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP
4.4.17	Exposure to particle pollution	Mean population exposure to PM2.5, Micrograms per cubic metre
4.4.18	Renewable energies (%)	Share of renewables in total energy requirements, %
4.4.19	Forest area growth	Five year percentage change of hectares
4.4.20 [B]	Total biocapacity	Global hectares per capita of biologically productive space
4.4.21 [B]	Ecological footprint	Global hectares per person
4.4.22	Ecological balance (reserve/deficit)	Total biocapacity minus total footprint in global hectares per capita
4.4.23	Environment-related technologies	Development of environment-related technologies, % inventions worldwide
4.4.24	Environmental agreements	Multilateral agreements on hazardous waste, proportion fulfilled
4.4.25 [S]	Sustainable development	Sustainable development is a priority in companies
4.4.26 [S]	Pollution problems	Pollution problems do not seriously affect your economy
4.4.27 [S]	Environmental laws	Environmental laws and compliance do not hinder the competitiveness of businesses
4.4.28 [S]	Quality of life	Quality of life is high

## Education

4.5.01	Total public expenditure on education	Percentage of GDP
4.5.02 [B]	Total public expenditure on education per capita	US\$ per capita
4.5.03	Total public exp. on education per student	Spending per enrolled pupil/student, all levels
4.5.04	Pupil-teacher ratio (primary education)	Ratio of students to teaching staff
4.5.05	Pupil-teacher ratio (secondary education)	Ratio of students to teaching staff
4.5.06	Secondary school enrollment	Percentage of relevant age group receiving full-time education
4.5.07	Higher education achievement	Percentage of population that has attained at least tertiary education for persons 25-34
4.5.08	Women with degrees	Share of women who have a degree in the population 25-65
4.5.09	Student mobility inbound	Foreign tertiary-level students per 1000 inhabitants
4.5.10 [B]	Student mobility outbound	National tertiary-level students studying abroad per 1000 inhabitants
4.5.11 [3]	Educational assessment - PISA	PISA survey of 15-year olds
4.5.12	Students who are not low achievers - PISA	% of students who are not low achievers in maths, sciences and reading
4.5.13 [B]	English proficiency - TOEFL	TOEFL scores
4.5.14 [S]	Primary and secondary education	Primary and secondary education meets the needs of a competitive economy
4.5.15 [S]	University education	University education meets the needs of a competitive economy
4.5.16 [S]	Management education	Management education meets the needs of the business community
4.5.17	University education index	Country score calculated from Times Higher Education university ranking
4.5.18	Illiteracy	Adult (over 15 years) illiteracy rate as a percentage of population
4.5.19 [S]	Language skills	Language skills are meeting the needs of enterprises

=Hard Statistics

[S]=Survey Data

[B]=Background Data

