



IMD World Competitiveness Yearbook 2022

COUNTRY
PROFILE

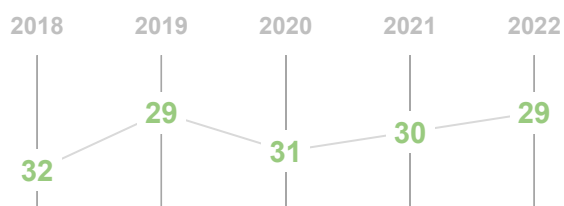
LITHUANIA



Lithuania

Competitiveness Trends – Overall

OVERALL PERFORMANCE (63 countries)



CHALLENGES IN 2022

- Ensure efficiency growth during post-COVID recovery and geopolitical turbulences.
- Finalize the institutional reform aimed at increasing investments into high value-added sectors.
- Build public sector capacity for evidence-based policy making and delivery.
- Finalize the systemic tax review to remove tax-related hurdles to enterprise growth.
- Take advantage of the recent cross-party agreement on education for boosting necessary reforms.

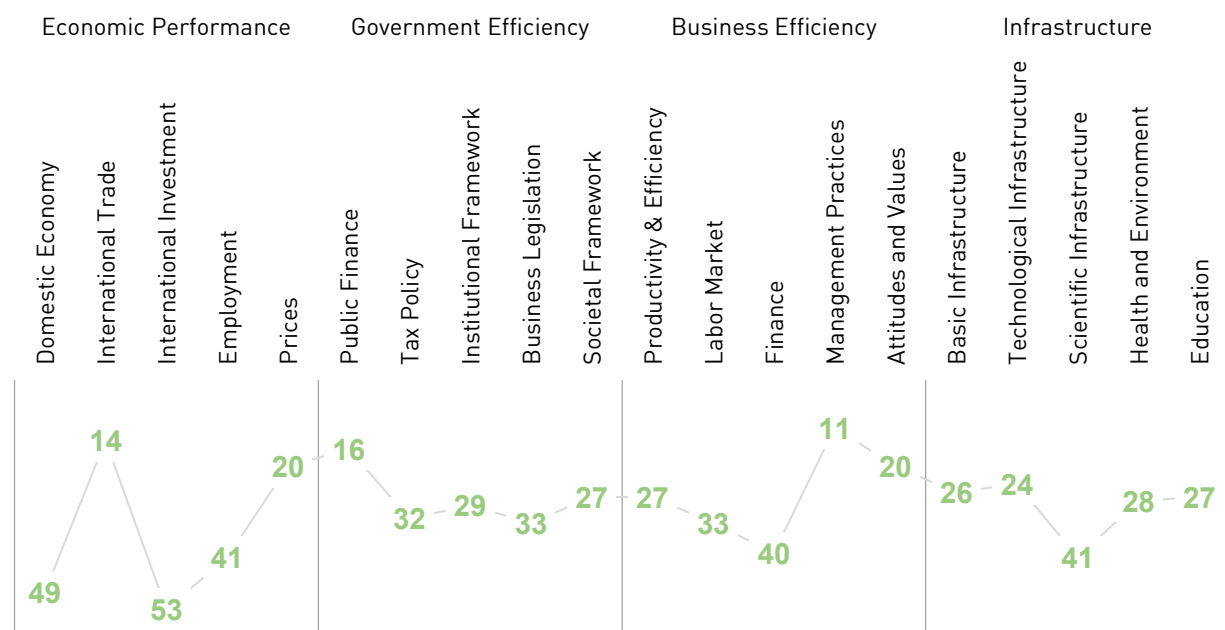
BASIC FACTS

Rank

Indicator	Value	Year	Rank
Capital	Vilnius		
Land area (square km '000)	65	2021	
Exchange Rate (per \$)	0.845	2021	
Population - market size (millions)	2.78	2021	54
Gross Domestic Product (GDP) (US\$ billions)	65.4	2021	53
GDP (PPP) per capita (US\$)	43,038	2021	33
Real GDP growth (%)	4.9	2021	32
Consumer price inflation (%)	4.63	2021	50
Unemployment rate (%)	7.10	2021	42
Labor force (millions)	1.47	2021	54
Current account balance (% of GDP)	1.25	2021	26
Direct investment stocks inward (\$bn)	23.7	2020	59
Direct investment flows inward (% of GDP)	7.92	2020	07

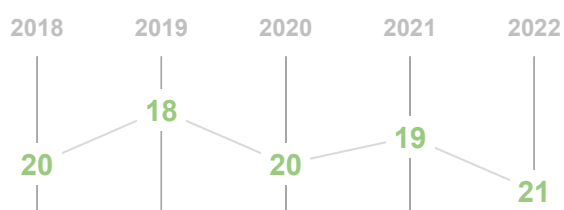
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COMPETITIVENESS LANDSCAPE

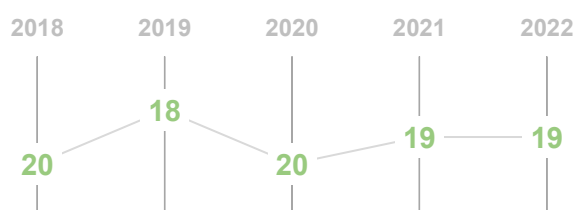


PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (40 countries)



POPULATIONS < 20 MILLION (36 countries)



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Competitiveness Evolution & Attractiveness Indicators

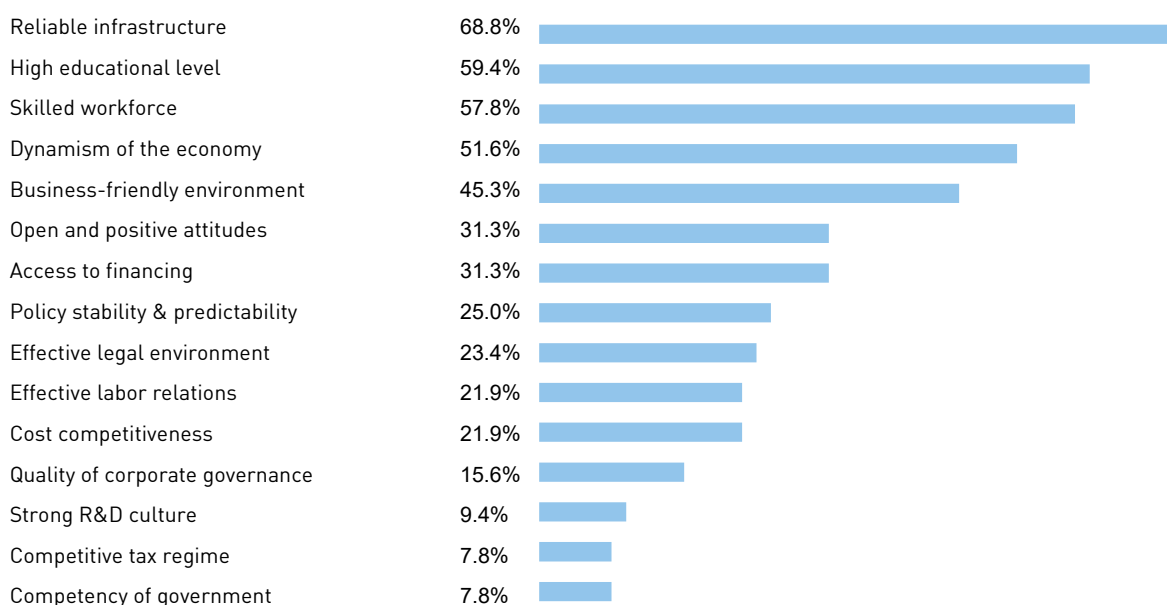
COMPETITIVENESS EVOLUTION

The criteria below highlight the 15 biggest Improvements and the 15 biggest Declines in the overall performance of the economy. They are determined by the largest percentage changes in the value of each criterion from one yearbook to the next.

	WCY 2021	WCY 2022		WCY 2021	WCY 2022
IMPROVEMENTS			DECLINES		
1.1.18 Gross fixed capital formation - real growth	-0.18	6.99	4.1.07 Population - growth	0.00	-0.45
1.1.15 Real GDP growth per capita	-0.82	5.42	1.5.01 Consumer price inflation	1.06	4.63
1.1.14 Real GDP growth	-0.8	4.9	1.2.02 Current account balance	8.36	1.25
2.1.02 Government budget surplus/deficit (%)	-7.37	-1.00	1.2.25 Tourism receipts	2.73	1.06
4.3.05 Business expenditure on R&D (%)	0.33	0.55	2.3.08 Exchange rate stability	0.017	0.024
2.4.07 Government subsidies	2.68	1.60	4.3.18 Number of patents in force	32.0	20.0
2.1.08 Tax evasion	3.87	5.15	4.5.04 Pupil-teacher ratio (primary education)	11.22	14.45
4.3.16 Patent applications per capita	8.80	11.62	1.4.10 Youth exclusion	8.7	10.8
2.3.13 Bribery and corruption	4.03	5.15	4.5.05 Pupil-teacher ratio (secondary education)	7.75	9.59
1.4.09 Youth unemployment	19.60	14.30	1.2.18 Export concentration by product	32.8	39.9
2.1.07 Public finances	3.90	4.88	3.2.18 Skilled labor	5.11	4.31
1.2.08 Exports of goods (\$bn)	32.77	40.82	2.5.04 Risk of political instability	6.62	5.61
2.4.11 Parallel economy	3.52	4.36	3.2.01 Compensation levels	9.59	10.88
1.2.12 Exports of commercial services (\$bn)	12.27	15.14	3.2.14 Labor force - long-term growth	3.18	2.83
2.3.12 Bureaucracy	3.29	4.06	1.5.06 Gasoline prices	1.23	1.36

KEY ATTRACTIVENESS INDICATORS

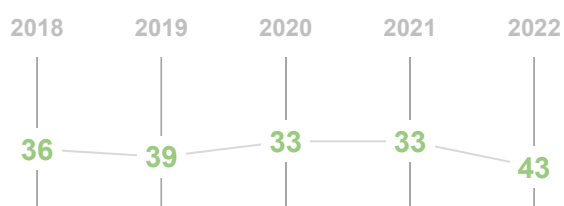
From a list of 15 indicators, respondents of the Executive Opinion Survey were asked to select 5 that they perceived as the key attractiveness factors of their economy. The chart shows the percentage of responses per indicator from the highest number of responses to the lowest.



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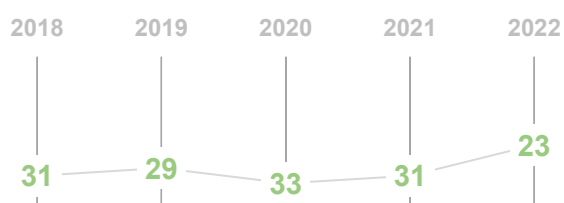
Competitiveness Trends – Factor Breakdown

ECONOMIC PERFORMANCE



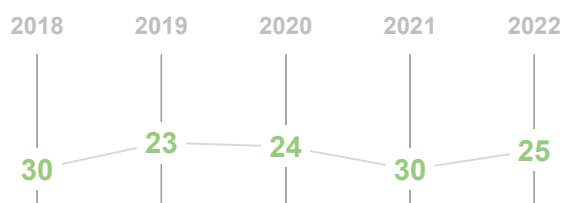
SUB-FACTOR RANKINGS :	2021	2022
Domestic Economy	38	49
International Trade	05	14
International Investment	53	53
Employment	46	41
Prices	17	20

GOVERNMENT EFFICIENCY



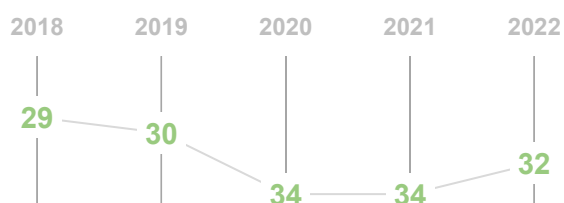
SUB-FACTOR RANKINGS :	2021	2022
Public Finance	30	16
Tax Policy	32	32
Institutional Framework	28	29
Business Legislation	37	33
Societal Framework	26	27

BUSINESS EFFICIENCY



SUB-FACTOR RANKINGS :	2021	2022
Productivity & Efficiency	22	27
Labor Market	30	33
Finance	43	40
Management Practices	21	11
Attitudes and Values	29	20

INFRASTRUCTURE



SUB-FACTOR RANKINGS :	2021	2022
Basic Infrastructure	29	26
Technological Infrastructure	27	24
Scientific Infrastructure	43	41
Health and Environment	27	28
Education	27	27

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Balance Sheet – Factor Breakdown

ECONOMIC PERFORMANCE

STRENGTHS		Rank	WEAKNESSES		Rank
1.2.18	Export concentration by product	02	1.3.07	Direct investment stocks inward (\$bn)	59
1.3.02	Direct investment flows abroad (% of GDP)	05	1.3.03	Direct investment stocks abroad (\$bn)	56
1.3.06	Direct investment flows inward (% of GDP)	07	1.2.08	Exports of goods (\$bn)	51
1.5.04	Office rent	09	1.5.01	Consumer price inflation	50
1.2.17	Export concentration by partner	10	1.3.04	Direct investment stocks abroad (% of GDP)	49
1.2.13	Exports of commercial services (%)	10	1.4.08	Long-term unemployment	46
1.2.09	Exports of goods (%)	11	1.2.12	Exports of commercial services (\$bn)	43
1.2.23	Trade to GDP ratio	14	1.5.05	Food costs	43
1.5.02	Cost-of-living index	17	1.4.07	Unemployment rate	42
1.4.04	Employment - long-term growth	21	1.1.09	Gross fixed capital formation (%)	41

GOVERNMENT EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
2.2.09	Employer social security tax rate	06	2.4.18	Immigration laws	57
2.2.07	Corporate tax rate on profit	07	2.2.10	Employee social security tax rate	56
2.5.15	Disposable Income	07	2.4.17	Unemployment legislation	56
2.4.13	Creation of firms	08	2.5.02	Homicide	50
2.3.08	Exchange rate stability	09	2.4.08	Subsidies	47
2.5.13	Unemployment rate - gender ratio	10	2.2.08	Consumption tax rate	44
2.4.01	Tariff barriers	11	2.3.05	Central bank policy	43
2.1.02	Government budget surplus/deficit (%)	12	2.3.07	Foreign currency reserves per capita	42
2.4.15	Start-up procedures	16	2.2.02	Collected personal income tax	42
2.1.04	Total general government debt (%)	18	2.5.06	Gini coefficient	41

BUSINESS EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
3.4.09	Entrepreneurship	02	3.3.10	Stock market capitalization (%)	59
3.4.03	Opportunities and threats	04	3.3.16	Credit	50
3.4.01	Agility of companies	05	3.3.01	Banking sector assets	48
3.2.16	Female labor force	05	3.2.21	Brain drain	48
3.4.08	Customer satisfaction	07	3.2.18	Skilled labor	47
3.1.10	Use of digital tools and technologies	10	3.2.17	Foreign labor force - migrant stock	46
3.2.14	Labor force - long-term growth	10	3.2.19	Finance skills	46
3.2.03	Remuneration in services professions	10	3.4.04	Credibility of managers	44
3.2.09	Apprenticeships	10	3.3.06	Banking and financial services	42
3.4.10	Social responsibility	11	3.3.08	Stock markets	41

INFRASTRUCTURE

STRENGTHS		Rank	WEAKNESSES		Rank
4.2.09	Digital/Technological skills	02	4.2.01	Investment in Telecommunications	59
4.2.03	Mobile Telephone costs	04	4.1.07	Population - growth	53
4.2.04	Communications technology	05	4.4.05	Universal health coverage index	52
4.4.09	Medical assistance	07	4.4.06	Life expectancy at birth	52
4.4.14	Water use efficiency	09	4.2.02	Mobile Broadband subscribers	49
4.1.04	Access to water	09	4.4.23	Environment-related technologies	49
4.5.05	Pupil-teacher ratio (secondary education)	11	4.4.12	Energy intensity	48
4.2.07	Broadband subscribers	12	4.3.19	Medium- and high-tech value added	46
4.5.06	Secondary school enrollment	13	4.3.18	Number of patents in force	45
4.5.07	Higher education achievement	13	4.2.10	Qualified engineers	45

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Extended Country Profile

1 - Economic Performance

1.1 - Domestic Economy

	Value	Average	Rank	Year
1.1.00 - Exchange Rate National currency per US\$ (average)	0.845	21,532.090		2021
1.1.01 - Gross Domestic Product (GDP) US\$ billions	65.4	1,394.4	53	2021
1.1.02 - GDP (PPP) Estimates ; US\$ billions at purchasing power parity	119.8	1,981.9	53	2021
1.1.03 - World GDP contribution Percentage share of world GDP in market prices	0.07	1.44	53	2021
1.1.04 - Household consumption expenditure (\$bn) US\$ billions	38.6	735.2	52	2021
1.1.05 - Household consumption expenditure (%) Percentage of GDP	58.9	53.4	19	2021
1.1.06 - Government consumption expenditure (\$bn) US\$ billions	11.7	232.9	55	2021
1.1.07 - Government consumption expenditure (%) Percentage of GDP	17.9	18.3	35	2021
1.1.08 - Gross fixed capital formation (\$bn) US\$ billions	13.8	351.9	53	2021
1.1.09 - Gross fixed capital formation (%) Percentage of GDP	21.1	22.7	41	2021
1.1.10 - Gross domestic savings (\$bn) US\$ billions	15.1	379.1	53	2021
1.1.11 - Gross domestic savings (%) Percentage of GDP	23.1	28.3	42	2021
1.1.12 - Economic sectors Breakdown of the economic sectors, percentage of GDP				2021
Economic sectors / Agriculture	3.7	3.7		2021
Economic sectors / Industry	28.7	29.1		2021
Economic sectors / Services	67.6	67.0		2021
1.1.13 - Economic complexity index Measures knowledge intensity, by considering exports	0.97	0.86	32	2019
1.1.14 - Real GDP growth Percentage change, based on national currency in constant prices	4.9	5.6	32	2021
1.1.15 - Real GDP growth per capita Percentage change, based on national currency in constant prices	5.42	5.35	27	2021
1.1.16 - Household consumption expenditure - real growth Percentage change, based on constant prices	7.24	4.78	18	2021
1.1.17 - Government consumption expenditure - real growth Percentage change, based on constant prices	0.44	4.01	55	2021
1.1.18 - Gross fixed capital formation - real growth Percentage change, based on constant prices	6.99	6.32	29	2021
1.1.19 - Resilience of the economy Resilience of the economy to economic cycles is strong	5.85	5.88	33	2022
1.1.20 - GDP per capita US\$ per capita	23,509	34,279	36	2021
1.1.21 - GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity	43,038	44,580	33	2021
1.1.22 - Forecast: Real GDP growth Percentage change, based on national currency in constant prices	2.7	3.7	46	2022
1.1.23 - Forecast: Inflation Percentage change	10.5	38.4	58	2022
1.1.24 - Forecast: Unemployment Percentage of total labor force	7.1	6.3	43	2022
1.1.25 - Forecast: Current account balance Percentage of GDP	0.6	1.7	29	2022

1.2 · International Trade

Value Average Rank Year

1.2.01 · Current account balance (\$bn) US\$ billions (minus sign = deficit)	0.8	10.4	31	2021
1.2.02 · Current account balance Percentage of GDP	1.25	1.64	26	2021
1.2.03 · Balance of trade (\$bn) US\$ billions (minus sign = deficit)	-3.7	-2.5	40	2021
1.2.04 · Balance of trade (%) Percentage of GDP	-5.72	0.27	47	2021
1.2.05 · Balance of commercial services (\$bn) US\$ billions (minus sign = deficit)	6.18	8.39	20	2021
1.2.06 · Balance of commercial services (%) Percentage of GDP	9.45	1.84	4	2021
1.2.07 · World exports contribution Percentage share of world exports (goods and commercial services)	0.20	1.45	50	2021
1.2.08 · Exports of goods (\$bn) US\$ billions	40.82	321.20	51	2021
1.2.09 · Exports of goods (%) Percentage of GDP	62.38	41.98	11	2021
1.2.10 · Exports of goods per capita US\$ per capita	14,666	15,049	23	2021
1.2.11 · Exports of goods - growth Percentage change, based on US\$ values	24.26	27.30	33	2021
1.2.12 · Exports of commercial services (\$bn) US\$ billions	15.14	88.34	43	2021
1.2.13 · Exports of commercial services (%) Percentage of GDP	23.14	15.10	10	2021
1.2.14 · Exports of commercial services - growth Percentage change, based on US\$ values	22.54	17.14	18	2021
1.2.15 · Exports of goods & commercial services US\$ billions	55.96	408.43	50	2021
1.2.16 · Exports breakdown by economic sector Percentage of total exports				2020
Exports breakdown by economic sector / Agriculture	16.9	11.3		2020
Exports breakdown by economic sector / Industry	55.8	64.4		2020
Exports breakdown by economic sector / Services	27.3	24.3		2020
1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports	42.4	55.0	10	2020
1.2.18 · Export concentration by product Top 5 products, percentage of total exports	39.9	57.6	2	2020
1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions	53.5	402.5	13	2021
1.2.20 · Imports of goods & commercial services (%) Percentage of GDP	81.8	54.7	50	2021
1.2.21 · Imports of goods & commerc. services growth Percentage change, based on US\$ values	33.91	24.33	52	2021
1.2.22 · Imports breakdown by economic sector Percentage of total imports				2020
Imports breakdown by economic sector / Agriculture	13.7	9.0		2020
Imports breakdown by economic sector / Industry	69.8	67.7		2020
Imports breakdown by economic sector / Services	16.5	23.3		2020
1.2.23 · Trade to GDP ratio (Exports + Imports) / GDP	150.63	102.61	14	2020
1.2.24 · Terms of trade index Unit value of exports over unit value of imports	102.2	99.4	21	2020
1.2.25 · Tourism receipts International tourism receipts as a percentage of GDP	1.06	1.54	28	2020

1.3 · International Investment

Value Average Rank Year

1.3.01 · Direct investment flows abroad (\$bn) US\$ billions	3.85	14.96	27	2020
1.3.02 · Direct investment flows abroad (% of GDP) Percentage of GDP	6.81	4.62	5	2020
1.3.03 · Direct investment stocks abroad (\$bn) US\$ billions	5.1	612.1	56	2020
1.3.04 · Direct investment stocks abroad (% of GDP) Percentage of GDP	9.02	109.57	49	2020
1.3.05 · Direct investment flows inward (\$bn) US\$ billions	4.48	16.61	33	2020
1.3.06 · Direct investment flows inward (% of GDP) Percentage of GDP	7.92	4.86	7	2020
1.3.07 · Direct investment stocks inward (\$bn) US\$ billions	23.7	613.9	59	2020
1.3.08 · Direct investment stocks inward (% of GDP) Percentage of GDP	41.93	122.21	40	2020
1.3.09 · Balance of direct investment flows (\$bn) US\$ billions (flows abroad minus flows inward)	-0.63	-1.64	24	2020
1.3.10 · Balance of direct investment flows (%) Percentage of GDP (flows abroad minus flows inward)	-1.11	-0.24	34	2020
1.3.11 · Net position in direct investment stocks (\$bn) US\$ billions (stocks abroad minus stocks inward)	-18.6	-1.8	29	2020
1.3.12 · Net position in direct investment stocks (%) Percentage of GDP (stocks abroad minus stocks inward)	-32.91	-12.64	42	2020
1.3.13 · Relocation threats of business Relocation of business is not a threat to the future of your economy	5.15	5.36	37	2022
1.3.14 · Portfolio investment assets US\$ billions	-0.38	38.51	56	2020
1.3.15 · Portfolio investment liabilities US\$ billions	1.70	34.92	39	2020

1.4 · Employment

Value Average Rank Year

1.4.01 · Employment Total employment in millions	1.37	38.16	54	2021
1.4.02 · Employment (%) Percentage of population	49.17	47.14	22	2021
1.4.03 · Employment - growth Estimates: percentage change	0.77	1.54	39	2021
1.4.04 · Employment - long-term growth Estimates: five year percentage change	2.45	-0.41	21	2021
1.4.05 · Employment by sector Percentage of total employment				2021
Employment by sector / Agriculture	5.3	7.7		2021
Employment by sector / Industry	26.3	23.5		2021
Employment by sector / Services	68.4	68.8		2021
1.4.06 · Employment in the public sector Percentage of total employment	27.78	17.83	51	2020
1.4.07 · Unemployment rate Percentage of labor force	7.10	8.00	42	2021
1.4.08 · Long-term unemployment Percentage of labor force	2.70	2.81	46	2021
1.4.09 · Youth unemployment Percentage of youth labor force (under the age of 25)	14.30	17.13	33	2021
1.4.10 · Youth exclusion Share of youth population (15-24) not in education, employment or training	10.8	14.6	26	2020

1.5 · Prices

Value Average Rank Year

1.5.01 · Consumer price inflation	4.63	29.25	50	2021
Average annual rate				
1.5.02 · Cost-of-living index	67.10	78.37	17	2021
Index of a basket of goods & services in the main city, including housing (New York City = 100)				
1.5.03 · Apartment rent	860	1,530	16	2018
3-room apartment monthly rent in major cities, US\$				
1.5.04 · Office rent	268	656	9	2021
Total occupation cost in the main city (US\$/Sq.M. per year)				
1.5.05 · Food costs	20.72	17.58	43	2021
Percentage of household final consumption expenditures				
1.5.06 · Gasoline prices	1.36	1.26	34	2021
Premium unleaded gasoline (95 Ron) US\$ per litre				

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Extended Country Profile

2 · Government Efficiency

2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn) US\$ billions	-0.66	-91.93	11	2021
2.1.02 · Government budget surplus/deficit (%) Percentage of GDP	-1.00	-4.00	12	2021
2.1.03 · Total general government debt (\$bn) US\$ billions	28.14	1,436.31	9	2021
2.1.04 · Total general government debt (%) Percentage of GDP	43.00	71.59	18	2021
2.1.05 · Total general government debt-real growth Percentage change, based on national currency in constant prices	-1.39	8.58	8	2021
2.1.06 · Interest payment (%) Percentage of current revenue	1.18	5.98	11	2021
2.1.07 · Public finances Public finances are being efficiently managed	4.88	4.92	35	2022
2.1.08 · Tax evasion Tax evasion is not a threat to your economy	5.15	5.05	30	2022
2.1.09 · Pension funding Pension funding is adequately addressed for the future	4.52	4.77	34	2022
2.1.10 · General government expenditure Percentage of GDP	38.7	38.2	29	2021

2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues Percentage of GDP	30.89	27.09	34	2020
2.2.02 · Collected personal income tax On profits, income and capital gains, as a percentage of GDP	7.10	6.00	42	2020
2.2.03 · Collected corporate taxes On profits, income and capital gains, as a percentage of GDP	1.57	2.70	8	2020
2.2.04 · Collected indirect tax revenues Taxes on goods and services as a percentage of GDP	11.59	9.41	42	2020
2.2.05 · Collected capital and property taxes Percentage of GDP	0.30	1.47	15	2020
2.2.06 · Collected social security contribution Compulsory contribution of employees and employers as a percentage of GDP	10.32	7.28	37	2020
2.2.07 · Corporate tax rate on profit Maximum tax rate, calculated on profit before tax	15.00	22.34	7	2021
2.2.08 · Consumption tax rate Standard rate of VAT/GST	21.00	16.37	44	2021
2.2.09 · Employer social security tax rate %	1.8	16.0	6	2021
2.2.10 · Employee social security tax rate %	19.5	10.4	56	2021
2.2.11 · Real personal taxes Real personal taxes do not discourage people from working or seeking advancement	4.97	5.12	34	2022

2.3 · Institutional Framework

Value Average Rank Year

2.3.01 · Real short-term interest rate Real discount / bank rate	-4.88	-3.07	3	2021
2.3.02 · Cost of capital Cost of capital encourages business development	5.76	5.63	33	2022
2.3.03 · Interest rate spread Lending rate minus deposit rate	2.81	3.49	33	2021
2.3.04 · Country credit rating Index (0-60) of three country credit ratings: Fitch, Moody's and S&P	46.0	43.0	29	2021
2.3.05 · Central bank policy Central bank policy has a positive impact on the economy	6.09	6.31	43	2022
2.3.06 · Foreign currency reserves US\$ billions	5.58	216.77	54	2021
2.3.07 · Foreign currency reserves per capita US\$ per capita	2,005	9,199	42	2021
2.3.08 · Exchange rate stability Parity change from national currency to SDR, 2021 / 2019	0.024	0.072	9	2021
2.3.09 · Legal and regulatory framework The legal and regulatory framework encourages the competitiveness of enterprises	6.13	5.37	22	2022
2.3.10 · Adaptability of government policy Adaptability of government policy to changes in the economy is high	4.91	4.83	33	2022
2.3.11 · Transparency Transparency of government policy is satisfactory	5.51	4.87	25	2022
2.3.12 · Bureaucracy Bureaucracy does not hinder business activity	4.06	3.72	25	2022
2.3.13 · Bribery and corruption Bribery and corruption do not exist	5.15	4.77	26	2022
2.3.14 · Rule of law Rule of Law Index	81.73	72.47	31	2020
2.3.15 · Sustainable Development Goals Country performance on the 17 SDGs	76.7	75.1	30	2021
2.3.16 · Democracy Index EIU Overall Democracy Index, © The Economist Intelligence Unit Limited 2021	7.18	6.97	35	2021

2.4 · Business Legislation

Value Average Rank Year

2.4.01 · Tariff barriers	1.48	2.32	11	2020
Tariffs on imports: Applied weighted mean tariff rate for all products				
2.4.02 · Protectionism	5.73	5.74	31	2022
Protectionism of your government does not impair the conduct of your business				
2.4.03 · Public sector contracts	5.97	5.96	34	2022
Public sector contracts are sufficiently open to foreign bidders				
2.4.04 · Foreign investors	7.45	6.82	22	2022
Foreign investors are free to acquire control in domestic companies				
2.4.05 · Capital markets	6.65	6.57	37	2022
Capital markets (foreign and domestic) are easily accessible				
2.4.06 · Investment incentives	6.42	5.93	27	2022
Investment incentives are attractive to foreign investors				
2.4.07 · Government subsidies	1.60	2.02	31	2021
To private and public companies as a percentage of GDP				
2.4.08 · Subsidies	4.94	5.52	47	2022
Subsidies do not distort fair competition and economic development				
2.4.09 · State ownership of enterprises	6.24	6.04	33	2022
State ownership of enterprises is not a threat to business activities				
2.4.10 · Competition legislation	6.15	5.84	28	2022
Competition legislation is efficient in preventing unfair competition				
2.4.11 · Parallel economy	4.36	5.14	39	2022
Parallel (black-market, unrecorded) economy does not impair economic development				
2.4.12 · New business density	3.3	5.8	32	2019
Registered new businesses per 1'000 people aged 15-64				
2.4.13 · Creation of firms	8.18	6.63	8	2022
Creation of firms is supported by legislation				
2.4.14 · Start-up days	5.5	15.1	18	2019
Number of days to start a business				
2.4.15 · Start-up procedures	4.0	6.0	16	2019
Number of procedures to start a business				
2.4.16 · Labor regulations	6.03	5.50	25	2022
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
2.4.17 · Unemployment legislation	3.30	4.99	56	2022
Unemployment legislation provides an incentive to look for work				
2.4.18 · Immigration laws	4.61	5.83	57	2022
Immigration laws do not prevent your company from employing foreign labor				
2.4.19 · Redundancy costs	8.7	9.4	34	2019
Number of weeks of salary				

2.5 · Societal Framework

Value Average Rank Year

2.5.01 · Justice Justice is fairly administered	6.03	5.72	31	2022
2.5.02 · Homicide Intentional homicide, rate per 100'000 population	3.71	4.28	50	2020
2.5.03 · Ageing of population Population over 65, percentage of total population	19.9	14.8	47	2021
2.5.04 · Risk of political instability The risk of political instability is very low	5.61	5.80	37	2022
2.5.05 · Social cohesion Social cohesion is high	6.15	5.68	26	2022
2.5.06 · Gini coefficient Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)	35.30	35.03	41	2019
2.5.07 · Income distribution - lowest 10% Percentage of household incomes going to lowest 10% of households	2.30	2.75		2019
2.5.08 · Income distribution - highest 10% Percentage of household incomes going to highest 10% of households	26.50	26.98		2019
2.5.09 · Income distribution - lowest 40% Percentile going to the lowest 40% of households	18.20	18.99	35	2019
2.5.10 · Income distribution - lowest 40% growth Percentile going to the lowest 40% of households - growth	4.00	0.34	4	2019
2.5.11 · Equal opportunity Equal opportunity legislation in your economy encourages economic development	6.55	6.17	28	2022
2.5.12 · Females in parliament Percentage of total seats in Parliament	27.66	29.11	33	2021
2.5.13 · Unemployment rate - gender ratio Ratio of the female and male unemployment rates	0.87	1.25	10	2021
2.5.14 · Gender inequality Gender Inequality Index (UNDP)	0.124	0.183	34	2019
2.5.15 · Disposable Income Female / male ratio	86.7	72.2	7	2021
2.5.16 · Freedom of the Press Reporters Without Borders: World Press Freedom Score	20.15	27.85	24	2021

LITHUANIA

Extended Country Profile

3 · Business Efficiency

3.1 · Productivity & Efficiency

	Value	Average	Rank	Year
3.1.01 · Overall productivity (PPP) Estimates: GDP (PPP) per person employed, US\$	82,363	84,576	35	2021
3.1.02 · Overall productivity (PPP) - real growth Estimates: Percentage change of GDP (PPP) per person employed	3.72	2.84	26	2021
3.1.03 · Labor productivity (PPP) Estimates: GDP (PPP) per person employed per hour, US\$	43.85	48.28	35	2021
3.1.04 · Agricultural productivity (PPP) Estimates: Related GDP (PPP) per person employed in agriculture, US\$	60,885	55,834	22	2021
3.1.05 · Productivity in industry (PPP) Estimates: Related GDP (PPP) per person employed in industry, US\$	95,663	107,180	36	2021
3.1.06 · Productivity in services (PPP) Estimates: Related GDP (PPP) per person employed in services, US\$	86,491	86,235	35	2021
3.1.07 · Workforce productivity Workforce productivity is competitive by international standards	6.15	6.15	32	2022
3.1.08 · Large corporations Large corporations are efficient by international standards	6.73	6.67	32	2022
3.1.09 · Small and medium-size enterprises Small and medium-size enterprises are efficient by international standards	5.88	6.12	38	2022
3.1.10 · Use of digital tools and technologies Companies are very good at using digital tools and technologies to improve performance	7.55	6.29	10	2022

3.2.01 · Compensation levels	10.88	15.09	33	2021
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	7.49	1.59	50	2021
Percentage change				
3.2.03 · Remuneration in services professions	11,666	28,619	10	2018
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	8,493	19,099		2018
Remuneration in services professions / Nurse	9,805	30,277		2018
Remuneration in services professions / Primary school	10,778	30,970		2018
Remuneration in services professions / Product Manager	23,209	49,302		2018
Remuneration in services professions / Sales Assistant	7,491	19,165		2018
Remuneration in services professions / Secretary / Personal	10,218	22,903		2018
3.2.04 · Remuneration of management	112,304	169,169	19	2019
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	272,788	306,535		2019
Remuneration of management / Director manufacturing	61,334	149,356		2019
Remuneration of management / Engineer	27,329	80,327		2019
Remuneration of management / Human resources director	87,766	140,455		2019
3.2.05 · Remuneration spread	27.71	17.99	49	2018
Ratio of CEO to personal assistant remuneration				
3.2.06 · Working hours	1,878	1,843	25	2021
Average number of working hours per year				
3.2.07 · Worker motivation	6.12	5.87	25	2022
Worker motivation in companies is high				
3.2.08 · Industrial disputes	4.12	12.21	33	2019
Working days lost per 1,000 inhabitants per year (average 2018-2020)				
3.2.09 · Apprenticeships	6.15	5.20	10	2022
Apprenticeships are sufficiently implemented				
3.2.10 · Employee training	6.42	6.03	21	2022
Employee training is a high priority in companies				
3.2.11 · Labor force	1.47	40.47	54	2021
Employed and registered unemployed (millions)				
3.2.12 · Labor force (%)	52.93	50.09	17	2021
Percentage of population				
3.2.13 · Labor force growth	-0.72	1.18	50	2021
Percentage change				
3.2.14 · Labor force - long-term growth	2.83	-0.67	10	2021
Estimates: five year percentage change				
3.2.15 · Part-time employment	5.46	15.19	47	2020
Percentage of total employment				
3.2.16 · Female labor force	49.50	42.68	5	2021
Percentage of total labor force				
3.2.17 · Foreign labor force - migrant stock	5.26	17.76	46	2020
Migrant stock, age 20-64, % of population				
3.2.18 · Skilled labor	4.31	5.21	47	2022
Skilled labor is readily available				
3.2.19 · Finance skills	5.36	6.07	46	2022
Finance skills are readily available				
3.2.20 · Attracting and retaining talents	7.57	6.82	16	2022
Attracting and retaining talents is a priority in companies				
3.2.21 · Brain drain	3.82	4.93	48	2022
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
3.2.22 · Foreign highly-skilled personnel	5.15	5.39	37	2022
Foreign highly-skilled personnel are attracted to your country's business environment				
3.2.23 · International experience	6.03	5.62	17	2022
International experience of senior managers is generally significant				
3.2.24 · Competent senior managers	5.35	5.45	33	2022
Competent senior managers are readily available				

3.3 · Finance

Value Average Rank Year

3.3.01 · Banking sector assets Percentage of GDP	90.70	157.54	48	2021
3.3.02 · Financial cards in circulation Number of cards per capita	1.76	3.45	39	2018
3.3.03 · Financial card transactions US\$ per capita	5,997	11,334	42	2018
3.3.04 · Access to financial services Proportion of adults with a bank account or mobile-money-service provider	82.88	82.66	39	2017
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	0.95	0.96	41	2017
3.3.06 · Banking and financial services Banking and financial services do support business activities efficiently	5.97	6.24	42	2022
3.3.07 · Regulatory compliance (banking laws) Regulatory compliance is sufficiently developed	7.21	6.92	28	2022
3.3.08 · Stock markets Stock markets provide adequate financing to companies	5.30	5.83	41	2022
3.3.09 · Stock market capitalization (\$bn) US\$ billions	6.1	1,470.4	57	2021
3.3.10 · Stock market capitalization (%) Percentage of GDP	9.28	105.47	59	2021
3.3.11 · Value traded on stock markets US\$ per capita	80	23,478	51	2020
3.3.12 · Listed domestic companies Number of listed domestic companies	27	718	57	2020
3.3.13 · Stock market index Percentage change on index in national currency	25.40	26.39	29	2021
3.3.14 · Shareholders' rights Shareholders' rights are sufficiently implemented	7.15	6.91	30	2022
3.3.15 · Initial Public Offerings By acquiror nation (average 2019-2021) US\$ millions	350.6	4,258.5	35	2021
3.3.16 · Credit Credit is easily available for business	5.21	6.05	50	2022
3.3.17 · Venture capital Venture capital is easily available for business	5.64	5.34	29	2022
3.3.18 · M&A Activity Deals per listed company (average 2018-2020)	1.717	1.193	16	2020
3.3.19 · Corporate debt Corporate debt does not restrain the ability of enterprises to compete	5.79	5.83	33	2022

3.4 · Management Practices	Value	Average	Rank	Year
3.4.01 · Agility of companies Companies are agile	7.39	6.08	5	2022
3.4.02 · Changing market conditions Companies are generally extremely aware of changing market conditions	6.48	6.69	41	2022
3.4.03 · Opportunities and threats Companies are very good at responding quickly to opportunities and threats	7.58	6.29	4	2022
3.4.04 · Credibility of managers Credibility of managers in society is strong	5.73	6.15	44	2022
3.4.05 · Corporate boards Corporate boards do supervise the management of companies effectively	6.12	6.17	33	2022
3.4.06 · Auditing and accounting practices Auditing and accounting practices are adequately implemented in business	7.91	7.25	13	2022
3.4.07 · Use of big data and analytics Companies are very good at using big data and analytics to support decision-making	5.79	5.33	21	2022
3.4.08 · Customer satisfaction Customer satisfaction is emphasized in companies	7.79	6.95	7	2022
3.4.09 · Entrepreneurship Entrepreneurship of managers is widespread in business	7.52	6.07	2	2022
3.4.10 · Social responsibility Social responsibility of business leaders is high	7.02	6.16	11	2022
3.4.11 · Women in management Female share of senior and middle management (% of management)	38.59	31.46	13	2019
3.4.12 · Women on boards Boardmembers of all companies analyzed by MSCI	12.00	24.22	49	2019
3.4.13 · Entrepreneurial fear of failure % indicating that fear of failure would prevent them from setting up a business	-	42.81		
3.4.14 · Total early-stage Entrepreneurial Activity % who are either a nascent entrepreneur or owner-manager of a new business	-	12.11		

3.5 · Attitudes and Values	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization Attitudes toward globalization are generally positive in your society	6.73	6.47	26	2022
3.5.02 · Image abroad or branding The image abroad of your country encourages business development	6.82	6.44	30	2022
3.5.03 · National culture The national culture is open to foreign ideas	7.67	6.82	13	2022
3.5.04 · Flexibility and adaptability Flexibility and adaptability of people are high when faced with new challenges	7.30	6.63	15	2022
3.5.05 · Need for economic and social reforms The need for economic and social reforms is generally well understood	6.33	5.88	25	2022
3.5.06 · Digital transformation in companies Digital transformation in companies is generally well implemented	6.79	5.95	14	2022
3.5.07 · Value system The value system in your society supports competitiveness	6.64	6.23	27	2022

LITHUANIA

Extended Country Profile

4 · Infrastructure

4.1 · Basic Infrastructure

Value Average Rank Year

	Value	Average	Rank	Year
4.1.01 · Land area Square kilometers ('000)	65	1,207	47	2021
4.1.02 · Arable area Square meters per capita	8,047	2,704	4	2019
4.1.03 · Water resources Total internal renewable per capita in cubic meters	5,519	18,375	24	2018
4.1.04 · Access to water Access to water is adequately ensured and managed	9.42	7.90	9	2022
4.1.05 · Management of cities Management of cities supports business development	6.15	6.61	43	2022
4.1.06 · Population - market size Estimates in millions	2.78	81.51	54	2021
4.1.07 · Population - growth Percentage change	-0.45	0.30	53	2021
4.1.08 · Dependent Population Percentage of total population	35.0	33.6		2021
Population over 65 years	19.9	14.8		2021
Population under 15 years	15.1	18.7		2021
4.1.09 · Dependency ratio Population under 15 and over 64 years old, divided by active population (15 to 64 years)	53.9	51.2	34	2021
4.1.10 · Roads Density of the network, km roads/square km land area	1.30	1.39	20	2019
4.1.11 · Railroads Density of the network, km per square km	0.029	0.049	27	2020
4.1.12 · Air transportation Number of passengers carried by main companies, thousands	35	27,297	62	2020
4.1.13 · Quality of air transportation Quality of air transportation encourages business development	7.06	7.07	38	2022
4.1.14 · Distribution infrastructure The distribution infrastructure of goods and services is generally efficient	8.39	7.12	16	2022
4.1.15 · Energy infrastructure Energy infrastructure is adequate and efficient	8.15	6.81	16	2022
4.1.16 · Total indigenous energy production Millions MTOE	1.98	169.14	57	2019
4.1.17 · Total indigenous energy production (%) Percentage of total requirements in tons of oil equivalent	26.0	106.4	54	2019
4.1.18 · Total final energy consumption Millions MTOE	6.62	122.04	10	2019
4.1.19 · Total final energy consumption per capita MTOE per capita	2.37	2.46	41	2019
4.1.20 · Electricity costs for industrial clients US\$ per kwh	0.127	0.107	39	2021

4.2 · Technological Infrastructure

Value Average Rank Year

4.2.01 · Investment in Telecommunications Percentage of GDP	0.15	0.42	59	2021
4.2.02 · Mobile Broadband subscribers 4G & 5G market, % of mobile market	57.1	71.5	49	2020
4.2.03 · Mobile Telephone costs Monthly Blended Average Revenue per User	3.1	15.7	4	2020
4.2.04 · Communications technology Communications technology (voice and data) meets business requirements	9.15	7.67	5	2022
4.2.05 · Secure internet servers publicly-trusted TLS/SSL certificates, Netcraft Secure Server Survey.	47,131	36,109	15	2020
4.2.06 · Internet users Number of internet users per 1000 people	870	839	33	2021
4.2.07 · Broadband subscribers Number of subscriptions per 1000 inhabitants	524	381	12	2020
4.2.08 · Internet bandwidth speed Average speed	113.1	93.5	21	2021
4.2.09 · Digital/Technological skills Digital/Technological skills are readily available	8.62	6.79	2	2022
4.2.10 · Qualified engineers Qualified engineers are available in your labor market	5.85	6.35	45	2022
4.2.11 · Public-private partnerships Public and private sector ventures are supporting technological development	5.88	6.08	34	2022
4.2.12 · Development & application of tech. Development and application of technology are supported by the legal environment	6.88	6.46	26	2022
4.2.13 · Funding for technological development Funding for technological development is readily available	6.39	5.98	25	2022
4.2.14 · High-tech exports (\$) US\$ millions	2,619	47,160	39	2020
4.2.15 · High-tech exports (%) Percentage of manufactured exports	12.01	18.12	36	2020
4.2.16 · ICT service exports Percentage of service exports	5.7	9.7	39	2018
4.2.17 · Cyber security Cyber security is being adequately addressed by corporations	6.70	5.89	19	2022

4.3 · Scientific Infrastructure

Value Average Rank Year

4.3.01 · Total expenditure on R&D (\$) US\$ millions	653	31,953	51	2020
4.3.02 · Total expenditure on R&D (%) Percentage of GDP	1.16	1.63	36	2020
4.3.03 · Total expenditure on R&D per capita (\$) US\$ per capita	233.6	647.1	36	2020
4.3.04 · Business expenditure on R&D (\$) US\$ millions	311	24,238	50	2020
4.3.05 · Business expenditure on R&D (%) Percentage of GDP	0.55	1.11	40	2020
4.3.06 · Total R&D personnel Full-time work equivalent (FTE thousands)	14.4	233.3	46	2020
4.3.07 · Total R&D personnel per capita Full-time work equivalent (FTE) per 1000 people	5.15	5.37	27	2020
4.3.08 · Total R&D personnel in business enterprise Full-time work equivalent (FTE thousands)	5.5	183.3	47	2020
4.3.09 · Total R&D personnel in business per capita Full-time work equivalent (FTE) per 1000 people	1.97	3.31	35	2020
4.3.10 · Researchers in R&D per capita Full-time work equivalent (FTE) per 1000 people	3.6	3.6	29	2020
4.3.11 · Graduates in Sciences % of graduates in ICT, Engineering, Math & Natural Sciences	27.27	24.75	21	2019
4.3.12 · Scientific articles Scientific articles published by origin of author	2,444	39,473	51	2019
4.3.13 · Nobel prizes Awarded in physics, chemistry, physiology or medicine and economics since 1950	1	9	21	2021
4.3.14 · Nobel prizes per capita Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people	0.36	0.19	12	2021
4.3.15 · Patent applications Number of applications filed by applicant's origin	325	52,962	52	2020
4.3.16 · Patent applications per capita Number of applications filed by applicant's origin, per 100,000 inhabitants	11.62	80.01	38	2020
4.3.17 · Patent grants Number of patents granted by applicant's origin (average 2018-2020)	154	25,007	52	2020
4.3.18 · Number of patents in force by applicant's origin, per 100,000 inhabitants	20.0	491.7	45	2020
4.3.19 · Medium- and high-tech value added Proportion of total manufacturing value added, expressed as a percentage	27.65	38.63	46	2019
4.3.20 · Scientific research legislation Laws relating to scientific research do encourage innovation	6.42	5.97	26	2022
4.3.21 · Intellectual property rights Intellectual property rights are adequately enforced	6.82	6.59	30	2022
4.3.22 · Knowledge transfer Knowledge transfer is highly developed between companies and universities	5.18	5.52	37	2022

4.4 · Health and Environment

Value Average Rank Year

4.4.01 · Total health expenditure Percentage of GDP	7.0	7.5	33	2019
4.4.02 · Total health expenditure per capita US\$ per capita	1,373	2,614	36	2019
4.4.03 · Public expenditure on health (%) Percentage of total health expenditure	65.09	65.44	34	2019
4.4.04 · Health infrastructure Health infrastructure meets the needs of society	5.45	5.97	39	2022
4.4.05 · Universal health coverage index Coverage index for essential health services (0-100)	70	78	52	2019
4.4.06 · Life expectancy at birth Average estimate	74.9	78.4	52	2020
4.4.07 · Healthy life expectancy Average estimate	65.8	68.3	49	2021
4.4.08 · Infant mortality Under five mortality rate per 1000 live births	3.3	7.9	17	2020
4.4.09 · Medical assistance Number of inhabitants per physician and per nurse			7	2021
Medical assistance / Per nurse	128.70	302.83		2021
Medical assistance / Per physician	214.71	533.91		2021
4.4.10 · Urban population Percentage of total population	67	77		2021
4.4.11 · Human development index Combines economic - social - educational indicators/ Source: Human Development Report	0.882	0.862	33	2019
4.4.12 · Energy intensity Total energy consumed for each 1000 US\$ of GDP in MTOE	122	102	48	2018
4.4.13 · Safely treated waste water Percentage of waste water	93.4	76.7	16	2020
4.4.14 · Water use efficiency US\$ per cubic meter	163.55	97.67	9	2019
4.4.15 · CO2 emissions Metric tons of carbon dioxide from fuel combustion	10.8	420.2	7	2020
4.4.16 · CO2 emissions intensity CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP	190.9	354.2	23	2020
4.4.17 · Exposure to particle pollution Mean population exposure to PM2.5, Micrograms per cubic metre	10.47	20.45	17	2019
4.4.18 · Renewable energies (%) Share of renewables in total energy requirements, %	20.5	16.8	21	2019
4.4.19 · Forest area growth Five year percentage change of hectares	0.6	0.4	20	2020
4.4.20 · Total biocapacity Global hectares per capita of biologically productive space	4.75	3.26	12	2018
4.4.21 · Ecological footprint Global hectares per person	6.0	5.0	44	2018
4.4.22 · Ecological balance (reserve/deficit) Total biocapacity minus total footprint in global hectares per capita	-1.25	-1.73	25	2018
4.4.23 · Environment-related technologies Development of environment-related technologies, % inventions worldwide	0.01	1.60	49	2019
4.4.24 · Environmental agreements Multilateral agreements on hazardous waste, proportion fulfilled	91.67	83.34	17	2015
4.4.25 · Sustainable development Sustainable development is a priority in companies	5.67	6.21	42	2022
4.4.26 · Pollution problems Pollution problems do not seriously affect your economy	5.73	5.71	35	2022
4.4.27 · Environmental laws Environmental laws and compliance do not hinder the competitiveness of businesses	6.31	6.17	27	2022
4.4.28 · Quality of life Quality of life is high	7.18	6.76	31	2022

4.5 · Education

Value Average Rank Year

4.5.01 · Total public expenditure on education Percentage of GDP	5.2	5.0	27	2020
4.5.02 · Total public expenditure on education per capita US\$ per capita	1,042	1,562	34	2020
4.5.03 · Total public exp. on education per student Spending per enrolled pupil/student, all levels	4,394	6,944	37	2019
4.5.04 · Pupil-teacher ratio (primary education) Ratio of students to teaching staff	14.45	15.95	30	2019
4.5.05 · Pupil-teacher ratio (secondary education) Ratio of students to teaching staff	9.59	13.74	11	2019
4.5.06 · Secondary school enrollment Percentage of relevant age group receiving full-time education	98.5	92.7	13	2019
4.5.07 · Higher education achievement Percentage of population that has attained at least tertiary education for persons 25-34	56.2	44.2	13	2020
4.5.08 · Women with degrees Share of women who have a degree in the population 25-65	51.1	39.7	17	2020
4.5.09 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants	2.40	4.01	35	2019
4.5.10 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants	3.75	2.62	10	2019
4.5.11 · Educational assessment - PISA PISA survey of 15-year olds	480	471	31	2018
Educational assessment - PISA / Mathematics	481	472		2018
Educational assessment - PISA / Reading	476	468		2018
Educational assessment - PISA / Sciences	482	472		2018
4.5.12 · Students who are not low achievers - PISA % of students who are not low achievers in maths, sciences and reading	65.0	58.5	30	2018
4.5.13 · English proficiency - TOEFL TOEFL scores	92	92	31	2020
4.5.14 · Primary and secondary education Primary and secondary education meets the needs of a competitive economy	6.33	6.10	29	2022
4.5.15 · University education University education meets the needs of a competitive economy	6.33	6.40	34	2022
4.5.16 · Management education Management education meets the needs of the business community	6.06	6.34	41	2022
4.5.17 · University education index Country score calculated from Times Higher Education university ranking	4.64	14.07	41	2021
4.5.18 · Illiteracy Adult (over 15 years) illiteracy rate as a percentage of population	1.0	2.4	1	2020
4.5.19 · Language skills Language skills are meeting the needs of enterprises	7.57	6.41	19	2022

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