



IMD World Competitiveness Yearbook 2022

COUNTRY  
PROFILE

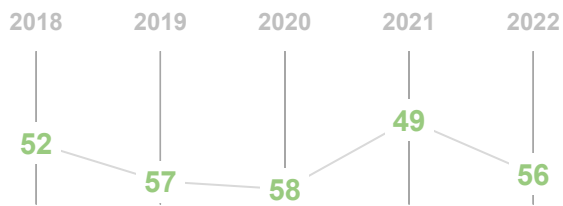
JORDAN



# Jordan

## Competitiveness Trends – Overall

### OVERALL PERFORMANCE (63 countries)



### CHALLENGES IN 2022

- High unemployment rates especially among women and youth.
- High Cost of electricity and its impact on the Competitiveness of business and economic sectors.
- Impact of COVID-19 outbreak on the economy and weak economic growth.
- Regional instability and continuing to host a large refugee population.
- Maintaining macroeconomic and fiscal stability, and high level of public debt.

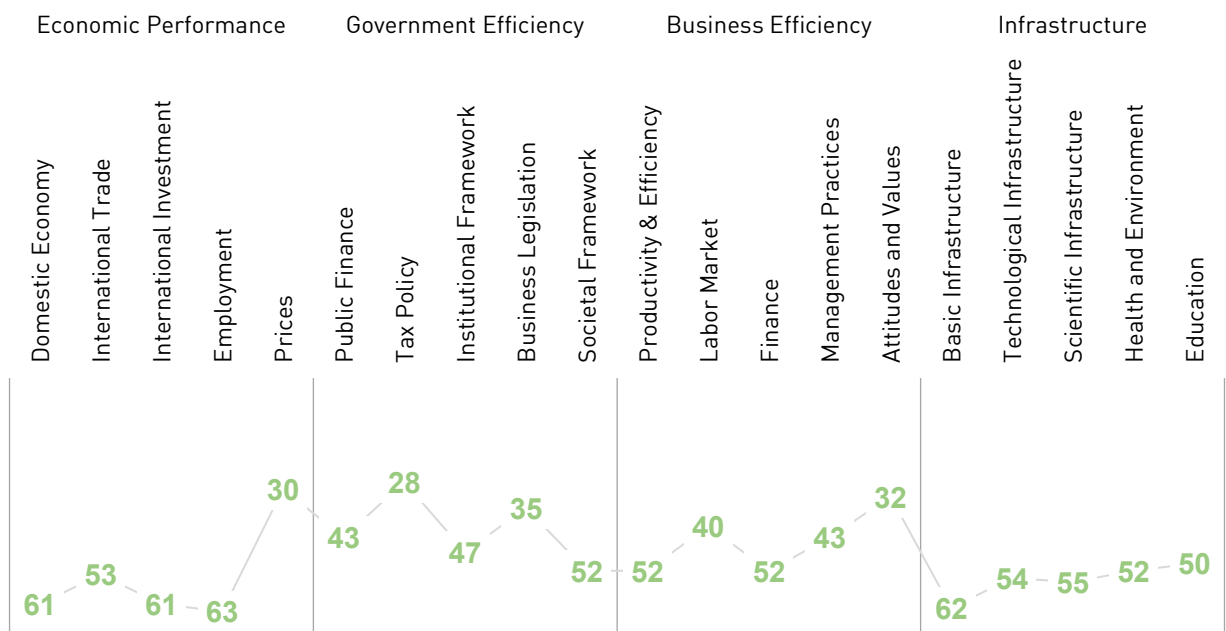
### BASIC FACTS

Rank

Indicator	Value	Year	Rank
Capital	Amman		
Land area (square km '000)	89	2021	
Exchange Rate (per \$)	0.710	2021	
Population - market size (millions)	11.06	2021	33
Gross Domestic Product (GDP) (US\$ billions)	45.2	2021	56
GDP (PPP) per capita (US\$)	10,154	2021	60
Real GDP growth (%)	2.2	2021	58
Consumer price inflation (%)	1.32	2021	09
Unemployment rate (%)	24.10	2021	60
Labor force (millions)	1.81	2021	53
Current account balance (% of GDP)	-8.80	2021	62
Direct investment stocks inward (\$bn)	36.6	2020	52
Direct investment flows inward (% of GDP)	1.64	2020	31

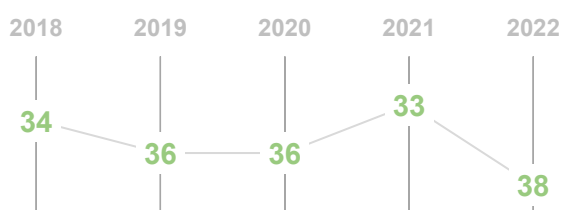
PROVIDED BY: Ministry of Planning and International Cooperation

### COMPETITIVENESS LANDSCAPE

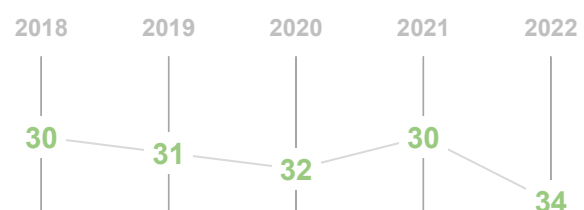


### PEER GROUPS RANKINGS

#### EUROPE - MIDDLE EAST - AFRICA (40 countries)



#### POPULATIONS < 20 MILLION (36 countries)



# Jordan

## Competitiveness Evolution & Attractiveness Indicators

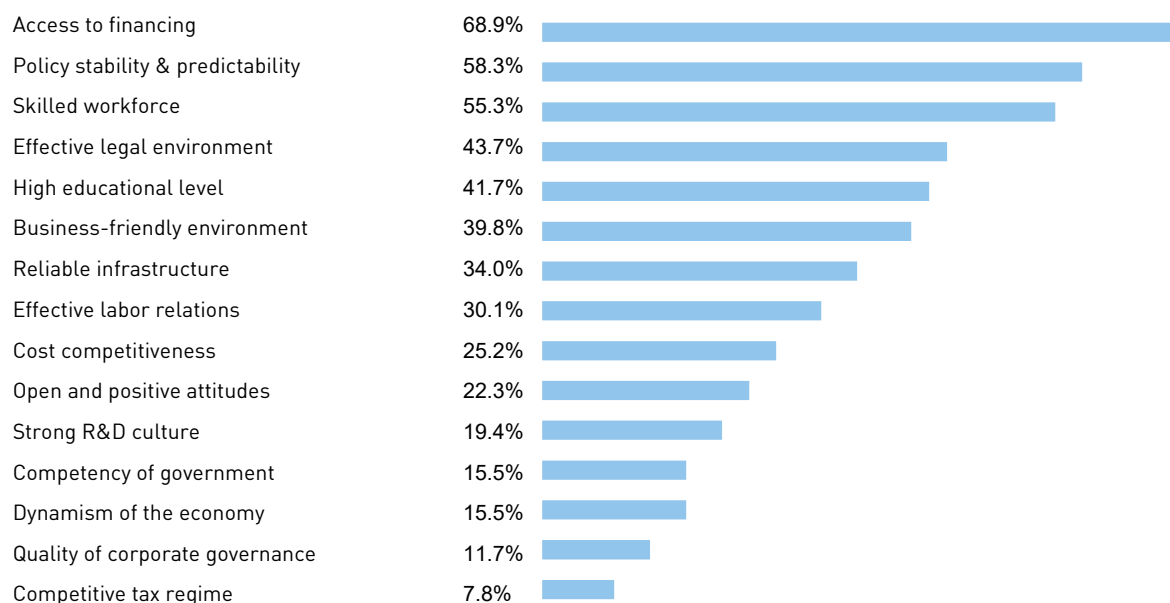
### COMPETITIVENESS EVOLUTION

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
<b>IMPROVEMENTS</b>			<b>DECLINES</b>		
1.1.14 Real GDP growth	-1.6	2.2	1.2.02 Current account balance	-0.01	-8.80
1.1.15 Real GDP growth per capita	-3.86	-0.09	1.5.01 Consumer price inflation	0.40	1.32
1.1.13 Economic complexity index	0.03	0.05	2.3.08 Exchange rate stability	0.016	0.031
4.4.18 Renewable energies (%)	3.5	6.2	1.2.25 Tourism receipts	13.00	3.23
4.3.16 Patent applications per capita	0.46	0.69	1.5.06 Gasoline prices	1.26	1.72
2.4.07 Government subsidies	1.11	0.74	3.2.14 Labor force - long-term growth	-6.03	-7.84
2.5.02 Homicide	1.36	0.97	1.2.23 Trade to GDP ratio	89.69	69.62
1.2.12 Exports of commercial services (\$bn)	2.70	3.28	4.4.05 Universal health coverage index	76	60
4.2.06 Internet users	628	757	3.2.20 Attracting and retaining talents	7.14	5.85
1.2.08 Exports of goods (\$bn)	7.83	9.38	4.4.09 Medical assistance		
1.2.13 Exports of commercial services (%)	6.18	7.26	4.1.05 Management of cities	6.72	5.55
3.3.10 Stock market capitalization (%)	41.66	48.31	2.5.01 Justice	6.56	5.44
1.2.09 Exports of goods (%)	17.92	20.72	4.1.13 Quality of air transportation	7.51	6.24
4.2.15 High-tech exports (%)	1.37	1.54	3.4.04 Credibility of managers	6.70	5.71
2.4.11 Parallel economy	4.75	5.25	2.3.11 Transparency	5.49	4.69

### KEY ATTRACTIVENESS INDICATORS

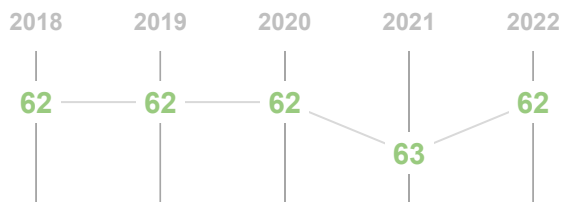
From a list of 15 indicators, respondents of the Executive Opinion Survey were asked to select 5 that they perceived as the key attractiveness factors of their economy. The chart shows the percentage of responses per indicator from the highest number of responses to the lowest.



# Jordan

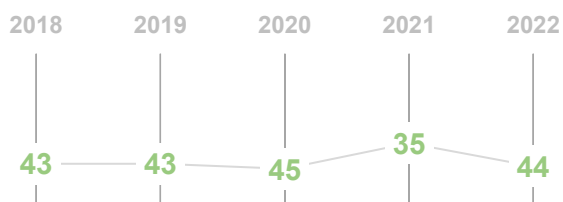
## Competitiveness Trends – Factor Breakdown

### ECONOMIC PERFORMANCE



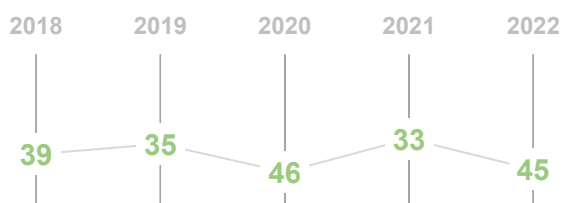
SUB-FACTOR RANKINGS :	2021	2022
Domestic Economy	54	61
International Trade	54	53
International Investment	60	61
Employment	63	63
Prices	34	30

### GOVERNMENT EFFICIENCY



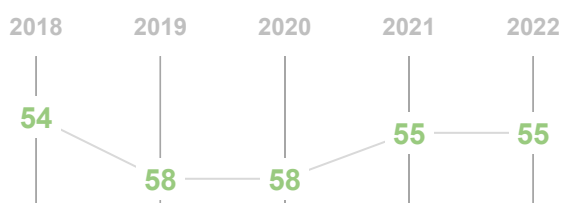
SUB-FACTOR RANKINGS :	2021	2022
Public Finance	34	43
Tax Policy	22	28
Institutional Framework	42	47
Business Legislation	26	35
Societal Framework	49	52

### BUSINESS EFFICIENCY



SUB-FACTOR RANKINGS :	2021	2022
Productivity & Efficiency	32	52
Labor Market	32	40
Finance	49	52
Management Practices	25	43
Attitudes and Values	24	32

### INFRASTRUCTURE



SUB-FACTOR RANKINGS :	2021	2022
Basic Infrastructure	59	62
Technological Infrastructure	54	54
Scientific Infrastructure	60	55
Health and Environment	47	52
Education	48	50

# Jordan

## Balance Sheet – Factor Breakdown

### ECONOMIC PERFORMANCE

STRENGTHS		Rank	WEAKNESSES		Rank
1.5.04	Office rent	03	1.4.02	Employment (%)	63
1.2.25	Tourism receipts	06	1.3.03	Direct investment stocks abroad (\$bn)	63
1.5.01	Consumer price inflation	09	1.4.09	Youth unemployment	62
1.3.08	Direct investment stocks inward (% of GDP)	15	1.3.04	Direct investment stocks abroad (% of GDP)	62
1.5.02	Cost-of-living index	26	1.2.02	Current account balance	62
1.3.13	Relocation threats of business	28	1.4.04	Employment - long-term growth	61
1.2.18	Export concentration by product	32	1.4.10	Youth exclusion	61
1.3.02	Direct investment flows abroad (% of GDP)	48	1.1.15	Real GDP growth per capita	61
		-	1.4.07	Unemployment rate	60
		-	1.1.21	GDP (PPP) per capita	60

### GOVERNMENT EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
2.4.19	Redundancy costs	01	2.5.15	Disposable Income	62
2.2.02	Collected personal income tax	05	2.2.07	Corporate tax rate on profit	60
2.4.07	Government subsidies	12	2.3.04	Country credit rating	58
2.2.01	Collected total tax revenues	16	2.3.16	Democracy Index	57
2.1.09	Pension funding	18	2.5.13	Unemployment rate - gender ratio	57
2.5.05	Social cohesion	19	2.4.12	New business density	55
2.4.08	Subsidies	19	2.4.01	Tariff barriers	54
2.2.10	Employee social security tax rate	24	2.5.16	Freedom of the Press	51
2.2.08	Consumption tax rate	24	2.3.15	Sustainable Development Goals	49
2.4.02	Protectionism	27	2.3.02	Cost of capital	49

### BUSINESS EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
3.2.06	Working hours	03	3.2.12	Labor force (%)	63
3.2.04	Remuneration of management	07	3.2.16	Female labor force	62
3.4.07	Use of big data and analytics	10	3.3.05	Access to financial services - gender ratio	61
3.2.17	Foreign labor force - migrant stock	11	3.3.04	Access to financial services	59
3.2.01	Compensation levels	12	3.2.14	Labor force - long-term growth	58
3.2.18	Skilled labor	13	3.4.11	Women in management	57
3.5.05	Need for economic and social reforms	16	3.2.20	Attracting and retaining talents	53
3.2.23	International experience	16	3.1.03	Labor productivity (PPP)	52
3.2.09	Apprenticeships	16	3.1.01	Overall productivity (PPP)	51
3.2.24	Competent senior managers	17	3.4.13	Entrepreneurial fear of failure	49

### INFRASTRUCTURE

STRENGTHS		Rank	WEAKNESSES		Rank
4.1.07	Population - growth	02	4.5.06	Secondary school enrollment	62
4.3.11	Graduates in Sciences	12	4.2.16	ICT service exports	62
4.2.03	Mobile Telephone costs	20	4.2.05	Secure internet servers	61
4.2.09	Digital/Technological skills	21	4.2.15	High-tech exports (%)	60
4.3.22	Knowledge transfer	22	4.5.01	Total public expenditure on education	59
4.2.10	Qualified engineers	23	4.5.03	Total public exp. on education per student	59
4.5.09	Student mobility inbound	24	4.4.23	Environment-related technologies	59
4.2.11	Public-private partnerships	24	4.4.05	Universal health coverage index	58
4.2.01	Investment in Telecommunications	24	4.4.11	Human development index	58
4.2.17	Cyber security	25	4.3.16	Patent applications per capita	58

# JORDAN

## Extended Country Profile

### 1 - Economic Performance

#### 1.1 - Domestic Economy

	Value	Average	Rank	Year
1.1.00 - Exchange Rate National currency per US\$ (average)	0.710	21,532.090		2021
1.1.01 - Gross Domestic Product (GDP) US\$ billions	45.2	1,394.4	56	2021
1.1.02 - GDP (PPP) Estimates ; US\$ billions at purchasing power parity	112.3	1,981.9	54	2021
1.1.03 - World GDP contribution Percentage share of world GDP in market prices	0.05	1.44	56	2021
1.1.04 - Household consumption expenditure (\$bn) US\$ billions	35.6	735.2	54	2019
1.1.05 - Household consumption expenditure (%) Percentage of GDP	79.9	53.4	2	2019
1.1.06 - Government consumption expenditure (\$bn) US\$ billions	6.7	232.9	59	2019
1.1.07 - Government consumption expenditure (%) Percentage of GDP	15.0	18.3	45	2019
1.1.08 - Gross fixed capital formation (\$bn) US\$ billions	7.6	351.9	58	2019
1.1.09 - Gross fixed capital formation (%) Percentage of GDP	17.1	22.7	58	2019
1.1.10 - Gross domestic savings (\$bn) US\$ billions	2.3	379.1	62	2019
1.1.11 - Gross domestic savings (%) Percentage of GDP	5.1	28.3	62	2019
1.1.12 - Economic sectors Breakdown of the economic sectors, percentage of GDP				2021
Economic sectors / Agriculture	5.2	3.7		2021
Economic sectors / Industry	24.2	29.1		2021
Economic sectors / Services	70.5	67.0		2021
1.1.13 - Economic complexity index Measures knowledge intensity, by considering exports	0.05	0.86	52	2019
1.1.14 - Real GDP growth Percentage change, based on national currency in constant prices	2.2	5.6	58	2021
1.1.15 - Real GDP growth per capita Percentage change, based on national currency in constant prices	-0.09	5.35	61	2021
1.1.16 - Household consumption expenditure - real growth Percentage change, based on constant prices	-	4.78		
1.1.17 - Government consumption expenditure - real growth Percentage change, based on constant prices	-	4.01		
1.1.18 - Gross fixed capital formation - real growth Percentage change, based on constant prices	-	6.32		
1.1.19 - Resilience of the economy Resilience of the economy to economic cycles is strong	5.46	5.88	44	2022
1.1.20 - GDP per capita US\$ per capita	4,092	34,279	60	2021
1.1.21 - GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity	10,154	44,580	60	2021
1.1.22 - Forecast: Real GDP growth Percentage change, based on national currency in constant prices	2.4	3.7	49	2022
1.1.23 - Forecast: Inflation Percentage change	2.8	38.4	11	2022
1.1.24 - Forecast: Unemployment Percentage of total labor force	-	6.3		
1.1.25 - Forecast: Current account balance Percentage of GDP	-5.9	1.7	60	2022



## 1.2 · International Trade

Value Average Rank Year

1.2.01 · Current account balance (\$bn) US\$ billions (minus sign = deficit)	-4.0	10.4	45	2021
1.2.02 · Current account balance Percentage of GDP	-8.80	1.64	62	2021
1.2.03 · Balance of trade (\$bn) US\$ billions (minus sign = deficit)	-12.3	-2.5	47	2021
1.2.04 · Balance of trade (%) Percentage of GDP	-27.14	0.27	63	2021
1.2.05 · Balance of commercial services (\$bn) US\$ billions (minus sign = deficit)	-0.40	8.39	35	2021
1.2.06 · Balance of commercial services (%) Percentage of GDP	-0.88	1.84	46	2021
1.2.07 · World exports contribution Percentage share of world exports (goods and commercial services)	0.04	1.45	60	2021
1.2.08 · Exports of goods (\$bn) US\$ billions	9.38	321.20	58	2021
1.2.09 · Exports of goods (%) Percentage of GDP	20.72	41.98	47	2021
1.2.10 · Exports of goods per capita US\$ per capita	848	15,049	58	2021
1.2.11 · Exports of goods - growth Percentage change, based on US\$ values	18.03	27.30	53	2021
1.2.12 · Exports of commercial services (\$bn) US\$ billions	3.28	88.34	59	2021
1.2.13 · Exports of commercial services (%) Percentage of GDP	7.26	15.10	38	2021
1.2.14 · Exports of commercial services - growth Percentage change, based on US\$ values	44.37	17.14	7	2021
1.2.15 · Exports of goods & commercial services US\$ billions	12.66	408.43	60	2021
1.2.16 · Exports breakdown by economic sector Percentage of total exports				2020
Exports breakdown by economic sector / Agriculture	11.3	11.3		2020
Exports breakdown by economic sector / Industry	66.4	64.4		2020
Exports breakdown by economic sector / Services	22.3	24.3		2020
1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports	62.6	55.0	49	2020
1.2.18 · Export concentration by product Top 5 products, percentage of total exports	53.4	57.6	32	2020
1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions	25.3	402.5	7	2021
1.2.20 · Imports of goods & commercial services (%) Percentage of GDP	56.0	54.7	39	2021
1.2.21 · Imports of goods & commerc. services growth Percentage change, based on US\$ values	25.38	24.33	34	2021
1.2.22 · Imports breakdown by economic sector Percentage of total imports				2020
Imports breakdown by economic sector / Agriculture	21.1	9.0		2020
Imports breakdown by economic sector / Industry	64.2	67.7		2020
Imports breakdown by economic sector / Services	14.7	23.3		2020
1.2.23 · Trade to GDP ratio (Exports + Imports) / GDP	69.62	102.61	38	2020
1.2.24 · Terms of trade index Unit value of exports over unit value of imports	95.8	99.4	46	2020
1.2.25 · Tourism receipts International tourism receipts as a percentage of GDP	3.23	1.54	6	2020

### 1.3 · International Investment

Value Average Rank Year

1.3.01 · Direct investment flows abroad (\$bn) US\$ billions	0.03	14.96	47	2020
1.3.02 · Direct investment flows abroad (% of GDP) Percentage of GDP	0.06	4.62	48	2020
1.3.03 · Direct investment stocks abroad (\$bn) US\$ billions	0.7	612.1	63	2020
1.3.04 · Direct investment stocks abroad (% of GDP) Percentage of GDP	1.56	109.57	62	2020
1.3.05 · Direct investment flows inward (\$bn) US\$ billions	0.72	16.61	49	2020
1.3.06 · Direct investment flows inward (% of GDP) Percentage of GDP	1.64	4.86	31	2020
1.3.07 · Direct investment stocks inward (\$bn) US\$ billions	36.6	613.9	52	2020
1.3.08 · Direct investment stocks inward (% of GDP) Percentage of GDP	83.66	122.21	15	2020
1.3.09 · Balance of direct investment flows (\$bn) US\$ billions (flows abroad minus flows inward)	-0.69	-1.64	26	2020
1.3.10 · Balance of direct investment flows (%) Percentage of GDP (flows abroad minus flows inward)	-1.58	-0.24	41	2020
1.3.11 · Net position in direct investment stocks (\$bn) US\$ billions (stocks abroad minus stocks inward)	-35.9	-1.8	34	2020
1.3.12 · Net position in direct investment stocks (%) Percentage of GDP (stocks abroad minus stocks inward)	-82.10	-12.64	61	2020
1.3.13 · Relocation threats of business Relocation of business is not a threat to the future of your economy	5.44	5.36	28	2022
1.3.14 · Portfolio investment assets US\$ billions	-0.03	38.51	55	2020
1.3.15 · Portfolio investment liabilities US\$ billions	0.40	34.92	44	2020

### 1.4 · Employment

Value Average Rank Year

1.4.01 · Employment Total employment in millions	1.37	38.16	53	2021
1.4.02 · Employment (%) Percentage of population	12.40	47.14	63	2021
1.4.03 · Employment - growth Estimates: percentage change	2.47	1.54	20	2021
1.4.04 · Employment - long-term growth Estimates: five year percentage change	-15.45	-0.41	61	2021
1.4.05 · Employment by sector Percentage of total employment	-			
Employment by sector / Agriculture	-	7.7		
Employment by sector / Industry	-	23.5		
Employment by sector / Services	-	68.8		
1.4.06 · Employment in the public sector Percentage of total employment	40.20	17.83	60	2020
1.4.07 · Unemployment rate Percentage of labor force	24.10	8.00	60	2021
1.4.08 · Long-term unemployment Percentage of labor force	29.90	2.81	58	2021
1.4.09 · Youth unemployment Percentage of youth labor force (under the age of 25)	49.30	17.13	62	2021
1.4.10 · Youth exclusion Share of youth population (15-24) not in education, employment or training	35.4	14.6	61	2020



## 1.5 · Prices

Value Average Rank Year

<b>1.5.01 · Consumer price inflation</b>	1.32	29.25	9	2021
Average annual rate				
<b>1.5.02 · Cost-of-living index</b>	74.40	78.37	26	2021
Index of a basket of goods & services in the main city, including housing (New York City = 100)				
<b>1.5.03 · Apartment rent</b>	-	1,530		
3-room apartment monthly rent in major cities, US\$				
<b>1.5.04 · Office rent</b>	221	656	3	2021
Total occupation cost in the main city (US\$/Sq.M. per year)				
<b>1.5.05 · Food costs</b>	27.28	17.58	53	2021
Percentage of household final consumption expenditures				
<b>1.5.06 · Gasoline prices</b>	1.72	1.26	53	2021
Premium unleaded gasoline (95 Ron) US\$ per litre				

# JORDAN

## Extended Country Profile

### 2 · Government Efficiency

#### 2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn) US\$ billions	-2.44	-91.93	17	2021
2.1.02 · Government budget surplus/deficit (%) Percentage of GDP	-5.39	-4.00	38	2021
2.1.03 · Total general government debt (\$bn) US\$ billions	41.58	1,436.31	11	2021
2.1.04 · Total general government debt (%) Percentage of GDP	91.90	71.59	47	2021
2.1.05 · Total general government debt-real growth Percentage change, based on national currency in constant prices	6.75	8.58	38	2021
2.1.06 · Interest payment (%) Percentage of current revenue	17.27	5.98	59	2021
2.1.07 · Public finances Public finances are being efficiently managed	5.25	4.92	30	2022
2.1.08 · Tax evasion Tax evasion is not a threat to your economy	4.23	5.05	43	2022
2.1.09 · Pension funding Pension funding is adequately addressed for the future	5.35	4.77	18	2022
2.1.10 · General government expenditure Percentage of GDP	30.7	38.2	22	2021

#### 2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues Percentage of GDP	15.98	27.09	16	2020
2.2.02 · Collected personal income tax On profits, income and capital gains, as a percentage of GDP	0.85	6.00	5	2020
2.2.03 · Collected corporate taxes On profits, income and capital gains, as a percentage of GDP	2.49	2.70	29	2020
2.2.04 · Collected indirect tax revenues Taxes on goods and services as a percentage of GDP	11.39	9.41	39	2020
2.2.05 · Collected capital and property taxes Percentage of GDP	0.15	1.47	10	2020
2.2.06 · Collected social security contribution Compulsory contribution of employees and employers as a percentage of GDP	0.02	7.28	5	2020
2.2.07 · Corporate tax rate on profit Maximum tax rate, calculated on profit before tax	35.00	22.34	60	2021
2.2.08 · Consumption tax rate Standard rate of VAT/GST	16.00	16.37	24	2021
2.2.09 · Employer social security tax rate %	14.3	16.0	32	2021
2.2.10 · Employee social security tax rate %	7.5	10.4	24	2021
2.2.11 · Real personal taxes Real personal taxes do not discourage people from working or seeking advancement	4.64	5.12	41	2022

## 2.3 · Institutional Framework

Value Average Rank Year

2.3.01 · Real short-term interest rate Real discount / bank rate	3.09	-3.07	62	2020
2.3.02 · Cost of capital Cost of capital encourages business development	4.71	5.63	49	2022
2.3.03 · Interest rate spread Lending rate minus deposit rate	3.40	3.49	43	2020
2.3.04 · Country credit rating Index (0-60) of three country credit ratings: Fitch, Moody's and S&P	21.7	43.0	58	2021
2.3.05 · Central bank policy Central bank policy has a positive impact on the economy	6.62	6.31	29	2022
2.3.06 · Foreign currency reserves US\$ billions	-	216.77		
2.3.07 · Foreign currency reserves per capita US\$ per capita	-	9,199		
2.3.08 · Exchange rate stability Parity change from national currency to SDR, 2021 / 2019	0.031	0.072	35	2021
2.3.09 · Legal and regulatory framework The legal and regulatory framework encourages the competitiveness of enterprises	5.73	5.37	30	2022
2.3.10 · Adaptability of government policy Adaptability of government policy to changes in the economy is high	5.00	4.83	30	2022
2.3.11 · Transparency Transparency of government policy is satisfactory	4.69	4.87	36	2022
2.3.12 · Bureaucracy Bureaucracy does not hinder business activity	3.87	3.72	27	2022
2.3.13 · Bribery and corruption Bribery and corruption do not exist	4.60	4.77	32	2022
2.3.14 · Rule of law Rule of Law Index	59.13	72.47	47	2020
2.3.15 · Sustainable Development Goals Country performance on the 17 SDGs	70.1	75.1	49	2021
2.3.16 · Democracy Index EIU Overall Democracy Index, © The Economist Intelligence Unit Limited 2021	3.49	6.97	57	2021

## 2.4 · Business Legislation

Value Average Rank Year

<b>2.4.01 · Tariff barriers</b>	3.98	2.32	54	2020
Tariffs on imports: Applied weighted mean tariff rate for all products				
<b>2.4.02 · Protectionism</b>	6.08	5.74	27	2022
Protectionism of your government does not impair the conduct of your business				
<b>2.4.03 · Public sector contracts</b>	6.23	5.96	28	2022
Public sector contracts are sufficiently open to foreign bidders				
<b>2.4.04 · Foreign investors</b>	7.08	6.82	29	2022
Foreign investors are free to acquire control in domestic companies				
<b>2.4.05 · Capital markets</b>	6.65	6.57	36	2022
Capital markets (foreign and domestic) are easily accessible				
<b>2.4.06 · Investment incentives</b>	5.35	5.93	47	2022
Investment incentives are attractive to foreign investors				
<b>2.4.07 · Government subsidies</b>	0.74	2.02	12	2021
To private and public companies as a percentage of GDP				
<b>2.4.08 · Subsidies</b>	6.23	5.52	19	2022
Subsidies do not distort fair competition and economic development				
<b>2.4.09 · State ownership of enterprises</b>	6.21	6.04	34	2022
State ownership of enterprises is not a threat to business activities				
<b>2.4.10 · Competition legislation</b>	5.63	5.84	38	2022
Competition legislation is efficient in preventing unfair competition				
<b>2.4.11 · Parallel economy</b>	5.25	5.14	29	2022
Parallel (black-market, unrecorded) economy does not impair economic development				
<b>2.4.12 · New business density</b>	0.5	5.8	55	2019
Registered new businesses per 1'000 people aged 15-64				
<b>2.4.13 · Creation of firms</b>	6.25	6.63	45	2022
Creation of firms is supported by legislation				
<b>2.4.14 · Start-up days</b>	12.5	15.1	44	2019
Number of days to start a business				
<b>2.4.15 · Start-up procedures</b>	7.5	6.0	47	2019
Number of procedures to start a business				
<b>2.4.16 · Labor regulations</b>	5.56	5.50	30	2022
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
<b>2.4.17 · Unemployment legislation</b>	4.90	4.99	36	2022
Unemployment legislation provides an incentive to look for work				
<b>2.4.18 · Immigration laws</b>	5.48	5.83	39	2022
Immigration laws do not prevent your company from employing foreign labor				
<b>2.4.19 · Redundancy costs</b>	0.0	9.4	1	2019
Number of weeks of salary				

## 2.5 · Societal Framework

Value Average Rank Year

<b>2.5.01 · Justice</b> Justice is fairly administered	5.44	5.72	35	2022
<b>2.5.02 · Homicide</b> Intentional homicide, rate per 100'000 population	0.97	4.28	29	2020
<b>2.5.03 · Ageing of population</b> Population over 65, percentage of total population	4.0	14.8	5	2021
<b>2.5.04 · Risk of political instability</b> The risk of political instability is very low	6.10	5.80	31	2022
<b>2.5.05 · Social cohesion</b> Social cohesion is high	6.77	5.68	19	2022
<b>2.5.06 · Gini coefficient</b> Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)	33.70	35.03	29	2016
<b>2.5.07 · Income distribution - lowest 10%</b> Percentage of household incomes going to lowest 10% of households	4.30	2.75		2015
<b>2.5.08 · Income distribution - highest 10%</b> Percentage of household incomes going to highest 10% of households	-	26.98		
<b>2.5.09 · Income distribution - lowest 40%</b> Percentile going to the lowest 40% of households	-	18.99		
<b>2.5.10 · Income distribution - lowest 40% growth</b> Percentile going to the lowest 40% of households - growth	-	0.34		
<b>2.5.11 · Equal opportunity</b> Equal opportunity legislation in your economy encourages economic development	5.96	6.17	39	2022
<b>2.5.12 · Females in parliament</b> Percentage of total seats in Parliament	11.54	29.11	60	2021
<b>2.5.13 · Unemployment rate - gender ratio</b> Ratio of the female and male unemployment rates	1.38	1.25	57	2021
<b>2.5.14 · Gender inequality</b> Gender Inequality Index (UNDP)	0.450	0.183	59	2019
<b>2.5.15 · Disposable Income</b> Female / male ratio	15.6	72.2	62	2021
<b>2.5.16 · Freedom of the Press</b> Reporters Without Borders: World Press Freedom Score	42.89	27.85	51	2021

# JORDAN

## Extended Country Profile

### 3 · Business Efficiency

#### 3.1 · Productivity & Efficiency

	Value	Average	Rank	Year
<b>3.1.01 · Overall productivity (PPP)</b> Estimates: GDP (PPP) per person employed, US\$	48,402	84,576	51	2021
<b>3.1.02 · Overall productivity (PPP) - real growth</b> Estimates: Percentage change of GDP (PPP) per person employed	-2.65	2.84	59	2021
<b>3.1.03 · Labor productivity (PPP)</b> Estimates: GDP (PPP) per person employed per hour, US\$	19.88	48.28	52	2021
<b>3.1.04 · Agricultural productivity (PPP)</b> Estimates: Related GDP (PPP) per person employed in agriculture, US\$	-	55,834		
<b>3.1.05 · Productivity in industry (PPP)</b> Estimates: Related GDP (PPP) per person employed in industry, US\$	112,648	107,180	25	2021
<b>3.1.06 · Productivity in services (PPP)</b> Estimates: Related GDP (PPP) per person employed in services, US\$	71,735	86,235	43	2021
<b>3.1.07 · Workforce productivity</b> Workforce productivity is competitive by international standards	6.46	6.15	27	2022
<b>3.1.08 · Large corporations</b> Large corporations are efficient by international standards	6.23	6.67	44	2022
<b>3.1.09 · Small and medium-size enterprises</b> Small and medium-size enterprises are efficient by international standards	6.17	6.12	32	2022
<b>3.1.10 · Use of digital tools and technologies</b> Companies are very good at using digital tools and technologies to improve performance	5.44	6.29	47	2022



3.2.01 · Compensation levels	3.66	15.09	12	2021
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	-	1.59		
Percentage change				
3.2.03 · Remuneration in services professions	-	28,619		
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	-	19,099		
Remuneration in services professions / Nurse	-	30,277		
Remuneration in services professions / Primary school	-	30,970		
Remuneration in services professions / Product Manager	-	49,302		
Remuneration in services professions / Sales Assistant	-	19,165		
Remuneration in services professions / Secretary / Personal	-	22,903		
3.2.04 · Remuneration of management	52,902	169,169	7	2019
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	87,483	306,535		2019
Remuneration of management / Director manufacturing	43,275	149,356		2019
Remuneration of management / Engineer	26,022	80,327		2019
Remuneration of management / Human resources director	54,827	140,455		2019
3.2.05 · Remuneration spread	-	17.99		
Ratio of CEO to personal assistant remuneration				
3.2.06 · Working hours	2,434	1,843	3	2021
Average number of working hours per year				
3.2.07 · Worker motivation	5.60	5.87	38	2022
Worker motivation in companies is high				
3.2.08 · Industrial disputes	-	12.21		
Working days lost per 1,000 inhabitants per year (average 2018-2020)				
3.2.09 · Apprenticeships	5.85	5.20	16	2022
Apprenticeships are sufficiently implemented				
3.2.10 · Employee training	5.85	6.03	39	2022
Employee training is a high priority in companies				
3.2.11 · Labor force	1.81	40.47	53	2021
Employed and registered unemployed (millions)				
3.2.12 · Labor force (%)	16.34	50.09	63	2021
Percentage of population				
3.2.13 · Labor force growth	3.73	1.18	7	2021
Percentage change				
3.2.14 · Labor force - long-term growth	-7.84	-0.67	58	2021
Estimates: five year percentage change				
3.2.15 · Part-time employment	10.17	15.19	40	2020
Percentage of total employment				
3.2.16 · Female labor force	20.57	42.68	62	2021
Percentage of total labor force				
3.2.17 · Foreign labor force - migrant stock	28.66	17.76	11	2020
Migrant stock, age 20-64, % of population				
3.2.18 · Skilled labor	6.29	5.21	13	2022
Skilled labor is readily available				
3.2.19 · Finance skills	6.49	6.07	25	2022
Finance skills are readily available				
3.2.20 · Attracting and retaining talents	5.85	6.82	53	2022
Attracting and retaining talents is a priority in companies				
3.2.21 · Brain drain	5.00	4.93	31	2022
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
3.2.22 · Foreign highly-skilled personnel	5.13	5.39	39	2022
Foreign highly-skilled personnel are attracted to your country's business environment				
3.2.23 · International experience	6.17	5.62	16	2022
International experience of senior managers is generally significant				
3.2.24 · Competent senior managers	6.40	5.45	17	2022
Competent senior managers are readily available				

### 3.3 · Finance

Value Average Rank Year

3.3.01 · Banking sector assets Percentage of GDP	150.06	157.54	24	2020
3.3.02 · Financial cards in circulation Number of cards per capita	-	3.45		
3.3.03 · Financial card transactions US\$ per capita	-	11,334		
3.3.04 · Access to financial services Proportion of adults with a bank account or mobile-money-service provider	42.49	82.66	59	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	0.47	0.96	61	2017
3.3.06 · Banking and financial services Banking and financial services do support business activities efficiently	6.79	6.24	24	2022
3.3.07 · Regulatory compliance (banking laws) Regulatory compliance is sufficiently developed	6.98	6.92	33	2022
3.3.08 · Stock markets Stock markets provide adequate financing to companies	5.60	5.83	37	2022
3.3.09 · Stock market capitalization (\$bn) US\$ billions	21.9	1,470.4	52	2021
3.3.10 · Stock market capitalization (%) Percentage of GDP	48.31	105.47	36	2021
3.3.11 · Value traded on stock markets US\$ per capita	137	23,478	49	2020
3.3.12 · Listed domestic companies Number of listed domestic companies	179	718	33	2020
3.3.13 · Stock market index Percentage change on index in national currency	17.80	26.39	40	2021
3.3.14 · Shareholders' rights Shareholders' rights are sufficiently implemented	6.85	6.91	35	2022
3.3.15 · Initial Public Offerings By acquiror nation (average 2019-2021) US\$ millions	0.0	4,258.5	49	2021
3.3.16 · Credit Credit is easily available for business	6.49	6.05	30	2022
3.3.17 · Venture capital Venture capital is easily available for business	5.69	5.34	27	2022
3.3.18 · M&A Activity Deals per listed company (average 2018-2020)	0.033	1.193	61	2020
3.3.19 · Corporate debt Corporate debt does not restrain the ability of enterprises to compete	5.08	5.83	45	2022

3.4 · Management Practices	Value	Average	Rank	Year
3.4.01 · Agility of companies Companies are agile	5.62	6.08	43	2022
3.4.02 · Changing market conditions Companies are generally extremely aware of changing market conditions	6.42	6.69	44	2022
3.4.03 · Opportunities and threats Companies are very good at responding quickly to opportunities and threats	6.19	6.29	36	2022
3.4.04 · Credibility of managers Credibility of managers in society is strong	5.71	6.15	45	2022
3.4.05 · Corporate boards Corporate boards do supervise the management of companies effectively	6.35	6.17	25	2022
3.4.06 · Auditing and accounting practices Auditing and accounting practices are adequately implemented in business	7.00	7.25	38	2022
3.4.07 · Use of big data and analytics Companies are very good at using big data and analytics to support decision-making	6.33	5.33	10	2022
3.4.08 · Customer satisfaction Customer satisfaction is emphasized in companies	6.90	6.95	35	2022
3.4.09 · Entrepreneurship Entrepreneurship of managers is widespread in business	6.44	6.07	21	2022
3.4.10 · Social responsibility Social responsibility of business leaders is high	5.94	6.16	36	2022
3.4.11 · Women in management Female share of senior and middle management (% of management)	1.90	31.46	57	2020
3.4.12 · Women on boards Boardmembers of all companies analyzed by MSCI	-	24.22		
3.4.13 · Entrepreneurial fear of failure % indicating that fear of failure would prevent them from setting up a business	54.35	42.81	49	2019
3.4.14 · Total early-stage Entrepreneurial Activity % who are either a nascent entrepreneur or owner-manager of a new business	9.11	12.11	31	2019

3.5 · Attitudes and Values	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization Attitudes toward globalization are generally positive in your society	5.94	6.47	44	2022
3.5.02 · Image abroad or branding The image abroad of your country encourages business development	6.08	6.44	43	2022
3.5.03 · National culture The national culture is open to foreign ideas	6.63	6.82	34	2022
3.5.04 · Flexibility and adaptability Flexibility and adaptability of people are high when faced with new challenges	6.39	6.63	39	2022
3.5.05 · Need for economic and social reforms The need for economic and social reforms is generally well understood	6.80	5.88	16	2022
3.5.06 · Digital transformation in companies Digital transformation in companies is generally well implemented	6.52	5.95	22	2022
3.5.07 · Value system The value system in your society supports competitiveness	6.25	6.23	35	2022

# JORDAN

## 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)	89	1,207	42	2021
4.1.02 · Arable area Square meters per capita	273	2,704	58	2019
4.1.03 · Water resources Total internal renewable per capita in cubic meters	68	18,375	60	2018
4.1.04 · Access to water Access to water is adequately ensured and managed	6.21	7.90	54	2022
4.1.05 · Management of cities Management of cities supports business development	5.55	6.61	53	2022
4.1.06 · Population - market size Estimates in millions	11.06	81.51	33	2021
4.1.07 · Population - growth Percentage change	2.32	0.30	2	2021
4.1.08 · Dependent Population Percentage of total population	38.0	33.6		2021
Population over 65 years	4.0	14.8		2021
Population under 15 years	34.0	18.7		2021
4.1.09 · Dependency ratio Population under 15 and over 64 years old, divided by active population (15 to 64 years)	61.3	51.2	58	2021
4.1.10 · Roads Density of the network, km roads/square km land area	0.08	1.39	53	2016
4.1.11 · Railroads Density of the network, km per square km	0.018	0.049	34	2020
4.1.12 · Air transportation Number of passengers carried by main companies, thousands	816	27,297	52	2020
4.1.13 · Quality of air transportation Quality of air transportation encourages business development	6.24	7.07	49	2022
4.1.14 · Distribution infrastructure The distribution infrastructure of goods and services is generally efficient	6.25	7.12	47	2022
4.1.15 · Energy infrastructure Energy infrastructure is adequate and efficient	5.98	6.81	46	2022
4.1.16 · Total indigenous energy production Millions MTOE	0.63	169.14	60	2019
4.1.17 · Total indigenous energy production (%) Percentage of total requirements in tons of oil equivalent	6.8	106.4	60	2019
4.1.18 · Total final energy consumption Millions MTOE	6.47	122.04	9	2019
4.1.19 · Total final energy consumption per capita MTOE per capita	0.61	2.46	4	2019
4.1.20 · Electricity costs for industrial clients US\$ per kwh	-	0.107		

## 4.2 · Technological Infrastructure

Value Average Rank Year

4.2.01 · Investment in Telecommunications Percentage of GDP	0.46	0.42	24	2021
4.2.02 · Mobile Broadband subscribers 4G & 5G market, % of mobile market	61.1	71.5	45	2020
4.2.03 · Mobile Telephone costs Monthly Blended Average Revenue per User	8.5	15.7	20	2020
4.2.04 · Communications technology Communications technology (voice and data) meets business requirements	7.13	7.67	46	2022
4.2.05 · Secure internet servers publicly-trusted TLS/SSL certificates, Netcraft Secure Server Survey.	136	36,109	61	2020
4.2.06 · Internet users Number of internet users per 1000 people	757	839	50	2021
4.2.07 · Broadband subscribers Number of subscriptions per 1000 inhabitants	133	381	57	2020
4.2.08 · Internet bandwidth speed Average speed	43.8	93.5	48	2021
4.2.09 · Digital/Technological skills Digital/Technological skills are readily available	7.19	6.79	21	2022
4.2.10 · Qualified engineers Qualified engineers are available in your labor market	6.85	6.35	23	2022
4.2.11 · Public-private partnerships Public and private sector ventures are supporting technological development	6.42	6.08	24	2022
4.2.12 · Development & application of tech. Development and application of technology are supported by the legal environment	6.46	6.46	34	2022
4.2.13 · Funding for technological development Funding for technological development is readily available	6.04	5.98	36	2022
4.2.14 · High-tech exports (\$) US\$ millions	79	47,160	59	2020
4.2.15 · High-tech exports (%) Percentage of manufactured exports	1.54	18.12	60	2020
4.2.16 · ICT service exports Percentage of service exports	0.2	9.7	62	2018
4.2.17 · Cyber security Cyber security is being adequately addressed by corporations	6.33	5.89	25	2022

### 4.3 · Scientific Infrastructure

Value Average Rank Year

4.3.01 · Total expenditure on R&D (\$) US\$ millions	277	31,953	56	2016
4.3.02 · Total expenditure on R&D (%) Percentage of GDP	0.72	1.63	46	2016
4.3.03 · Total expenditure on R&D per capita (\$) US\$ per capita	28.7	647.1	52	2016
4.3.04 · Business expenditure on R&D (\$) US\$ millions	-	24,238		
4.3.05 · Business expenditure on R&D (%) Percentage of GDP	-	1.11		
4.3.06 · Total R&D personnel Full-time work equivalent (FTE thousands)	-	233.3		
4.3.07 · Total R&D personnel per capita Full-time work equivalent (FTE) per 1000 people	-	5.37		
4.3.08 · Total R&D personnel in business enterprise Full-time work equivalent (FTE thousands)	-	183.3		
4.3.09 · Total R&D personnel in business per capita Full-time work equivalent (FTE) per 1000 people	-	3.31		
4.3.10 · Researchers in R&D per capita Full-time work equivalent (FTE) per 1000 people	0.6	3.6	46	2017
4.3.11 · Graduates in Sciences % of graduates in ICT, Engineering, Math & Natural Sciences	28.42	24.75	12	2019
4.3.12 · Scientific articles Scientific articles published by origin of author	2,974	39,473	50	2019
4.3.13 · Nobel prizes Awarded in physics, chemistry, physiology or medicine and economics since 1950	0	9	28	2021
4.3.14 · Nobel prizes per capita Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people	0.00	0.19	28	2021
4.3.15 · Patent applications Number of applications filed by applicant's origin	75	52,962	59	2020
4.3.16 · Patent applications per capita Number of applications filed by applicant's origin, per 100,000 inhabitants	0.69	80.01	58	2020
4.3.17 · Patent grants Number of patents granted by applicant's origin (average 2018-2020)	55	25,007	59	2020
4.3.18 · Number of patents in force by applicant's origin, per 100,000 inhabitants	2.6	491.7	58	2020
4.3.19 · Medium- and high-tech value added Proportion of total manufacturing value added, expressed as a percentage	23.67	38.63	52	2019
4.3.20 · Scientific research legislation Laws relating to scientific research do encourage innovation	5.90	5.97	35	2022
4.3.21 · Intellectual property rights Intellectual property rights are adequately enforced	5.71	6.59	47	2022
4.3.22 · Knowledge transfer Knowledge transfer is highly developed between companies and universities	5.86	5.52	22	2022



## 4.4 · Health and Environment

Value Average Rank Year

4.4.01 · Total health expenditure Percentage of GDP	7.6	7.5	30	2019
4.4.02 · Total health expenditure per capita US\$ per capita	320	2,614	56	2019
4.4.03 · Public expenditure on health (%) Percentage of total health expenditure	51.18	65.44	52	2019
4.4.04 · Health infrastructure Health infrastructure meets the needs of society	6.08	5.97	34	2022
4.4.05 · Universal health coverage index Coverage index for essential health services (0-100)	60	78	58	2019
4.4.06 · Life expectancy at birth Average estimate	74.7	78.4	53	2020
4.4.07 · Healthy life expectancy Average estimate	65.0	68.3	52	2021
4.4.08 · Infant mortality Under five mortality rate per 1000 live births	15.0	7.9	56	2020
4.4.09 · Medical assistance Number of inhabitants per physician and per nurse			49	2021
Medical assistance / Per nurse	265.90	302.83		2021
Medical assistance / Per physician	452.71	533.91		2021
4.4.10 · Urban population Percentage of total population	92	77		2021
4.4.11 · Human development index Combines economic - social - educational indicators/ Source: Human Development Report	0.729	0.862	58	2019
4.4.12 · Energy intensity Total energy consumed for each 1000 US\$ of GDP in MTOE	146	102	52	2018
4.4.13 · Safely treated waste water Percentage of waste water	82.0	76.7	33	2020
4.4.14 · Water use efficiency US\$ per cubic meter	33.04	97.67	39	2019
4.4.15 · CO2 emissions Metric tons of carbon dioxide from fuel combustion	22.8	420.2	11	2019
4.4.16 · CO2 emissions intensity CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP	513.1	354.2	53	2019
4.4.17 · Exposure to particle pollution Mean population exposure to PM2.5, Micrograms per cubic metre	30.13	20.45	55	2019
4.4.18 · Renewable energies (%) Share of renewables in total energy requirements, %	6.2	16.8	51	2019
4.4.19 · Forest area growth Five year percentage change of hectares	0.0	0.4	30	2020
4.4.20 · Total biocapacity Global hectares per capita of biologically productive space	0.15	3.26	59	2018
4.4.21 · Ecological footprint Global hectares per person	1.8	5.0	4	2018
4.4.22 · Ecological balance (reserve/deficit) Total biocapacity minus total footprint in global hectares per capita	-1.61	-1.73	28	2018
4.4.23 · Environment-related technologies Development of environment-related technologies, % inventions worldwide	0.00	1.60	59	2018
4.4.24 · Environmental agreements Multilateral agreements on hazardous waste, proportion fulfilled	58.58	83.34	53	2015
4.4.25 · Sustainable development Sustainable development is a priority in companies	5.92	6.21	36	2022
4.4.26 · Pollution problems Pollution problems do not seriously affect your economy	5.77	5.71	33	2022
4.4.27 · Environmental laws Environmental laws and compliance do not hinder the competitiveness of businesses	6.14	6.17	32	2022
4.4.28 · Quality of life Quality of life is high	5.59	6.76	45	2022

## 4.5 · Education

Value Average Rank Year

4.5.01 · Total public expenditure on education Percentage of GDP	3.0	5.0	59	2019
4.5.02 · Total public expenditure on education per capita US\$ per capita	126	1,562	60	2019
4.5.03 · Total public exp. on education per student Spending per enrolled pupil/student, all levels	548	6,944	59	2019
4.5.04 · Pupil-teacher ratio (primary education) Ratio of students to teaching staff	17.22	15.95	44	2020
4.5.05 · Pupil-teacher ratio (secondary education) Ratio of students to teaching staff	13.32	13.74	43	2020
4.5.06 · Secondary school enrollment Percentage of relevant age group receiving full-time education	62.4	92.7	62	2019
4.5.07 · Higher education achievement Percentage of population that has attained at least tertiary education for persons 25-34	-	44.2		
4.5.08 · Women with degrees Share of women who have a degree in the population 25-65	28.4	39.7	44	2020
4.5.09 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants	3.84	4.01	24	2019
4.5.10 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants	2.65	2.62	18	2019
4.5.11 · Educational assessment - PISA PISA survey of 15-year olds	416	471	47	2018
Educational assessment - PISA / Mathematics	400	472		2018
Educational assessment - PISA / Reading	419	468		2018
Educational assessment - PISA / Sciences	429	472		2018
4.5.12 · Students who are not low achievers - PISA % of students who are not low achievers in maths, sciences and reading	33.2	58.5	47	2018
4.5.13 · English proficiency - TOEFL TOEFL scores	82	92	60	2020
4.5.14 · Primary and secondary education Primary and secondary education meets the needs of a competitive economy	6.12	6.10	35	2022
4.5.15 · University education University education meets the needs of a competitive economy	6.38	6.40	33	2022
4.5.16 · Management education Management education meets the needs of the business community	6.19	6.34	38	2022
4.5.17 · University education index Country score calculated from Times Higher Education university ranking	3.21	14.07	45	2021
4.5.18 · Illiteracy Adult (over 15 years) illiteracy rate as a percentage of population	1.8	2.4	40	2018
4.5.19 · Language skills Language skills are meeting the needs of enterprises	6.29	6.41	32	2022

## About the International Institute for Management Development (IMD)

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