



IMD World Competitiveness Yearbook 2022

COUNTRY  
PROFILE

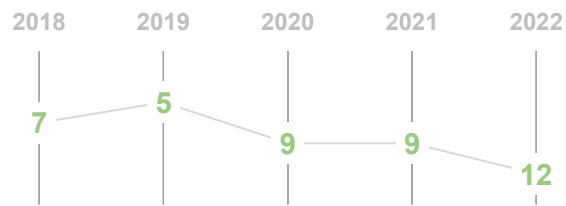
UAE



# UAE

## Competitiveness Trends – Overall

### OVERALL PERFORMANCE (63 countries)



### CHALLENGES IN 2022

- Continue the momentum for economic diversification and FDI attraction.
- Increase investments in sectors such as space, digital economy and renewable energy.
- Equip youth with future skills to seize employment opportunities and diverse career pathways.
- Enhance R&D outputs across the spectrum to align with levels of investments and UAE ambition.
- Strengthen economic and societal resilience against global and systemic risks.

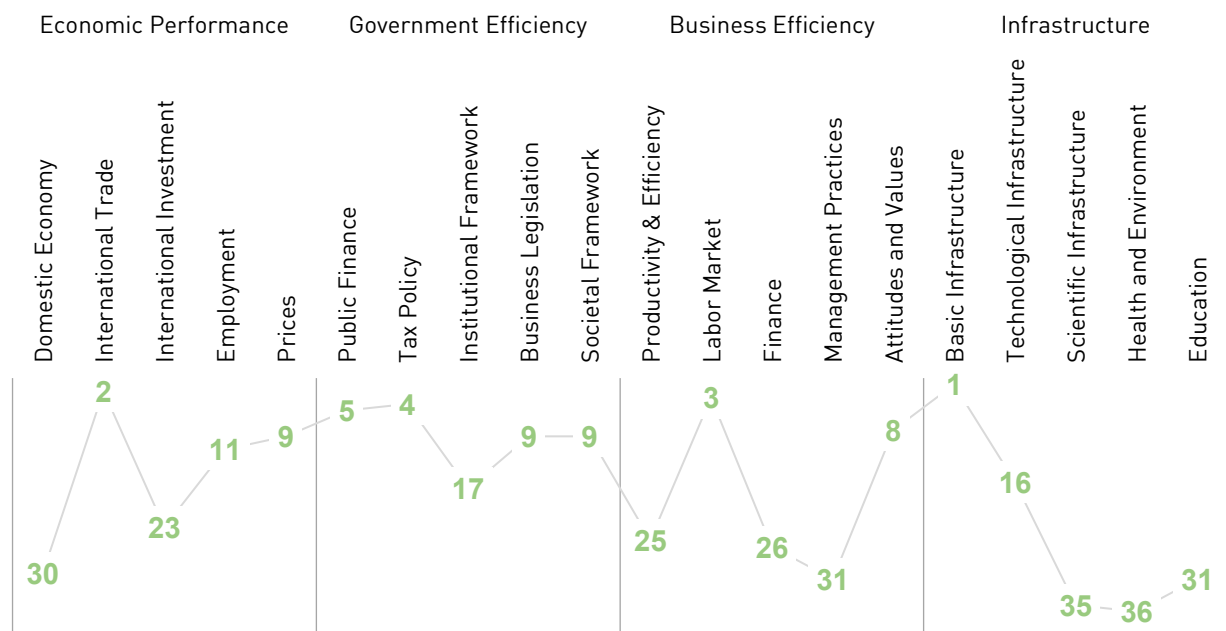
### BASIC FACTS

Rank

	Abu Dhabi	Rank
Capital	Abu Dhabi	
Land area (square km '000)	99	2021
Exchange Rate (per \$)	3.673	2021
Population - market size (millions)	9.56	2021 39
Gross Domestic Product (GDP) (US\$ billions)	405.5	2021 31
GDP (PPP) per capita (US\$)	73,582	2021 06
Real GDP growth (%)	3.8	2021 48
Consumer price inflation (%)	0.19	2021 03
Unemployment rate (%)	2.90	2021 06
Labor force (millions)	7.27	2021 32
Current account balance (% of GDP)	11.83	2021 07
Direct investment stocks inward (\$bn)	150.9	2020 37
Direct investment flows inward (% of GDP)	5.57	2020 10

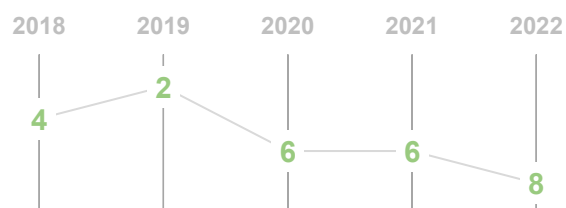
PROVIDED BY: Federal Competitiveness and Statistics Centre (FCSC)

### COMPETITIVENESS LANDSCAPE

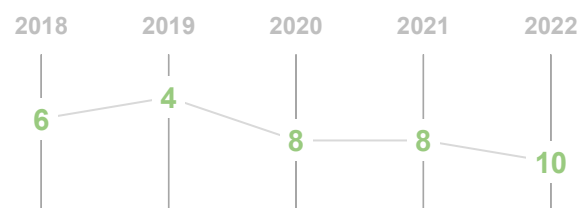


### PEER GROUPS RANKINGS

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



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



## Competitiveness Evolution & Attractiveness Indicators

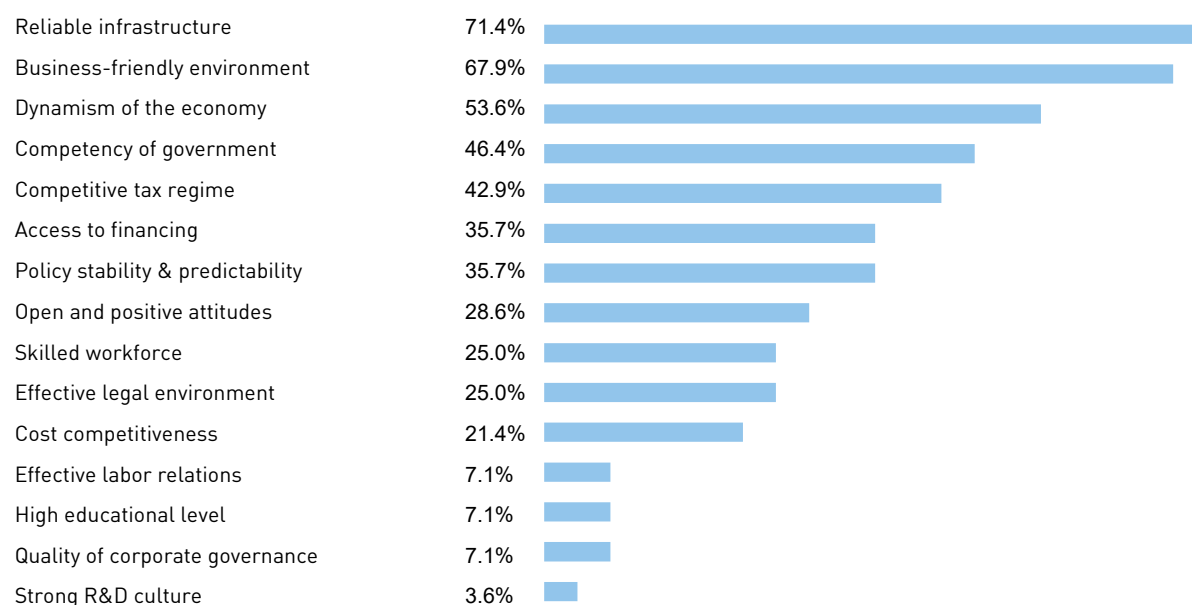
### COMPETITIVENESS EVOLUTION

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>		
1.1.18 Gross fixed capital formation - real growth	3.90	15.19	2.3.08 Exchange rate stability	0.016	0.031
4.4.18 Renewable energies (%)	0.2	0.8	4.2.15 High-tech exports (%)	10.79	5.18
4.1.07 Population - growth	-2.34	2.98	4.5.01 Total public expenditure on education	3.1	1.7
1.1.14 Real GDP growth	-6.1	3.8	2.5.02 Homicide	0.46	0.66
1.1.15 Real GDP growth per capita	-3.89	0.76	3.4.10 Social responsibility	6.88	5.29
2.1.02 Government budget surplus/deficit (%)	-7.29	0.33	3.4.13 Entrepreneurial fear of failure	41.73	49.72
1.2.02 Current account balance	5.85	11.83	2.1.09 Pension funding	6.08	4.93
3.3.10 Stock market capitalization (%)	56.34	109.22	3.2.21 Brain drain	7.79	6.36
2.4.07 Government subsidies	1.24	0.27	3.4.08 Customer satisfaction	8.06	6.64
3.2.16 Female labor force	14.62	25.24	4.4.25 Sustainable development	7.35	6.15
1.4.08 Long-term unemployment	1.50	0.50	4.3.22 Knowledge transfer	7.08	5.93
1.4.09 Youth unemployment	14.00	6.10	3.2.09 Apprenticeships	6.48	5.43
2.5.13 Unemployment rate - gender ratio	2.84	1.30	2.3.11 Transparency	7.24	6.07
1.2.08 Exports of goods (\$bn)	306.41	425.04	3.4.09 Entrepreneurship	7.55	6.36
1.4.07 Unemployment rate	4.25	2.90	2.3.09 Legal and regulatory framework	7.73	6.52

### KEY ATTRACTIVENESS INDICATORS

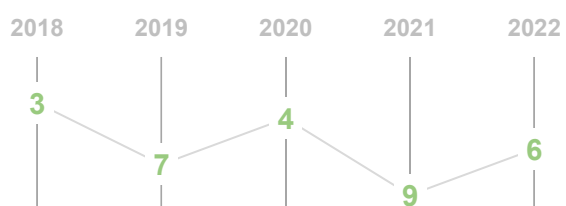
From a list of 15 indicators, respondents of the Executive Opinion Survey were asked to select 5 that they perceived as the key attractiveness factors of their economy. The chart shows the percentage of responses per indicator from the highest number of responses to the lowest.



# UAE

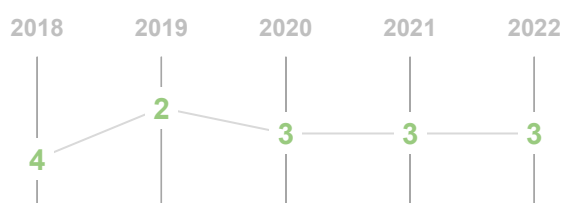
## Competitiveness Trends – Factor Breakdown

### ECONOMIC PERFORMANCE



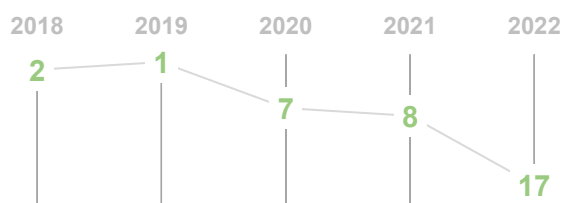
SUB-FACTOR RANKINGS :	2021	2022
Domestic Economy	20	30
International Trade	04	02
International Investment	19	23
Employment	39	11
Prices	10	09

### GOVERNMENT EFFICIENCY



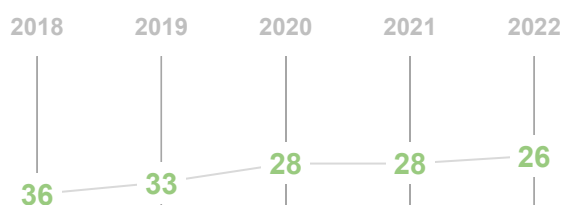
SUB-FACTOR RANKINGS :	2021	2022
Public Finance	03	05
Tax Policy	03	04
Institutional Framework	13	17
Business Legislation	05	09
Societal Framework	15	09

### BUSINESS EFFICIENCY



SUB-FACTOR RANKINGS :	2021	2022
Productivity & Efficiency	16	25
Labor Market	01	03
Finance	25	26
Management Practices	08	31
Attitudes and Values	01	08

### INFRASTRUCTURE



SUB-FACTOR RANKINGS :	2021	2022
Basic Infrastructure	21	01
Technological Infrastructure	18	16
Scientific Infrastructure	33	35
Health and Environment	36	36
Education	31	31

### ECONOMIC PERFORMANCE

STRENGTHS		Rank	WEAKNESSES		Rank
1.4.02	Employment (%)	02	1.1.15	Real GDP growth per capita	59
1.2.25	Tourism receipts	02	1.4.04	Employment - long-term growth	54
1.2.09	Exports of goods (%)	03	1.4.10	Youth exclusion	49
1.5.01	Consumer price inflation	03	1.1.13	Economic complexity index	48
1.4.09	Youth unemployment	04	1.1.14	Real GDP growth	48
1.2.23	Trade to GDP ratio	06	1.5.02	Cost-of-living index	44
1.2.17	Export concentration by partner	06	1.5.04	Office rent	41
1.1.21	GDP (PPP) per capita	06	1.3.08	Direct investment stocks inward (% of GDP)	38
1.4.07	Unemployment rate	06	1.3.07	Direct investment stocks inward (\$bn)	37
1.3.02	Direct investment flows abroad (% of GDP)	06			-

### GOVERNMENT EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
2.3.10	Adaptability of government policy	01	2.5.15	Disposable Income	59
2.4.18	Immigration laws	01	2.3.16	Democracy Index	59
2.5.09	Income distribution - lowest 40%	01	2.5.16	Freedom of the Press	53
2.1.08	Tax evasion	01	2.4.01	Tariff barriers	51
2.2.02	Collected personal income tax	01	2.5.13	Unemployment rate - gender ratio	51
2.4.19	Redundancy costs	01	2.3.15	Sustainable Development Goals	48
2.2.08	Consumption tax rate	03	2.4.12	New business density	40
2.4.16	Labor regulations	03	2.4.04	Foreign investors	39
2.4.13	Creation of firms	03			-
2.3.12	Bureaucracy	04			-

### BUSINESS EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
3.2.06	Working hours	01	3.2.16	Female labor force	59
3.2.17	Foreign labor force - migrant stock	02	3.2.14	Labor force - long-term growth	57
3.2.12	Labor force (%)	02	3.3.05	Access to financial services - gender ratio	56
3.5.03	National culture	02	3.4.10	Social responsibility	53
3.2.24	Competent senior managers	02	3.4.11	Women in management	52
3.2.22	Foreign highly-skilled personnel	03	3.2.04	Remuneration of management	49
3.2.23	International experience	04	3.4.08	Customer satisfaction	44
3.5.04	Flexibility and adaptability	04	3.1.03	Labor productivity (PPP)	43
3.2.18	Skilled labor	04	3.3.07	Regulatory compliance (banking laws)	42
3.4.01	Agility of companies	08	3.4.06	Auditing and accounting practices	40

### INFRASTRUCTURE

STRENGTHS		Rank	WEAKNESSES		Rank
4.1.09	Dependency ratio	01	4.5.01	Total public expenditure on education	62
4.5.09	Student mobility inbound	01	4.4.18	Renewable energies (%)	59
4.1.07	Population - growth	01	4.4.17	Exposure to particle pollution	58
4.1.05	Management of cities	01	4.2.15	High-tech exports (%)	56
4.1.15	Energy infrastructure	01	4.4.01	Total health expenditure	53
4.2.06	Internet users	01	4.2.05	Secure internet servers	50
4.1.14	Distribution infrastructure	04	4.2.03	Mobile Telephone costs	50
4.2.17	Cyber security	05	4.5.04	Pupil-teacher ratio (primary education)	50
4.2.12	Development & application of tech.	05	4.4.12	Energy intensity	47
4.1.13	Quality of air transportation	05	4.4.23	Environment-related technologies	45

# UAE

## Extended Country Profile

### 1 - Economic Performance

#### 1.1 - Domestic Economy

	Value	Average	Rank	Year
<b>1.1.00 - Exchange Rate</b> National currency per US\$ (average)	3.673	21,532.090		2021
<b>1.1.01 - Gross Domestic Product (GDP)</b> US\$ billions	405.5	1,394.4	31	2021
<b>1.1.02 - GDP (PPP)</b> Estimates ; US\$ billions at purchasing power parity	703.4	1,981.9	27	2021
<b>1.1.03 - World GDP contribution</b> Percentage share of world GDP in market prices	0.43	1.44	31	2021
<b>1.1.04 - Household consumption expenditure (\$bn)</b> US\$ billions	165.3	735.2	37	2021
<b>1.1.05 - Household consumption expenditure (%)</b> Percentage of GDP	40.8	53.4	56	2021
<b>1.1.06 - Government consumption expenditure (\$bn)</b> US\$ billions	61.1	232.9	33	2021
<b>1.1.07 - Government consumption expenditure (%)</b> Percentage of GDP	15.1	18.3	44	2021
<b>1.1.08 - Gross fixed capital formation (\$bn)</b> US\$ billions	101.5	351.9	29	2021
<b>1.1.09 - Gross fixed capital formation (%)</b> Percentage of GDP	25.0	22.7	18	2021
<b>1.1.10 - Gross domestic savings (\$bn)</b> US\$ billions	179.1	379.1	25	2021
<b>1.1.11 - Gross domestic savings (%)</b> Percentage of GDP	44.2	28.3	6	2021
<b>1.1.12 - Economic sectors</b> Breakdown of the economic sectors, percentage of GDP				2021
Economic sectors / Agriculture	0.9	3.7		2021
Economic sectors / Industry	46.6	29.1		2021
Economic sectors / Services	52.5	67.0		2021
<b>1.1.13 - Economic complexity index</b> Measures knowledge intensity, by considering exports	0.28	0.86	48	2019
<b>1.1.14 - Real GDP growth</b> Percentage change, based on national currency in constant prices	3.8	5.6	48	2021
<b>1.1.15 - Real GDP growth per capita</b> Percentage change, based on national currency in constant prices	0.76	5.35	59	2021
<b>1.1.16 - Household consumption expenditure - real growth</b> Percentage change, based on constant prices	15.07	4.78	3	2021
<b>1.1.17 - Government consumption expenditure - real growth</b> Percentage change, based on constant prices	12.57	4.01	2	2021
<b>1.1.18 - Gross fixed capital formation - real growth</b> Percentage change, based on constant prices	15.19	6.32	8	2021
<b>1.1.19 - Resilience of the economy</b> Resilience of the economy to economic cycles is strong	7.43	5.88	8	2022
<b>1.1.20 - GDP per capita</b> US\$ per capita	42,417	34,279	23	2021
<b>1.1.21 - GDP (PPP) per capita</b> Estimates; US\$ per capita at purchasing power parity	73,582	44,580	6	2021
<b>1.1.22 - Forecast: Real GDP growth</b> Percentage change, based on national currency in constant prices	4.2	3.7	23	2022
<b>1.1.23 - Forecast: Inflation</b> Percentage change	2.0	38.4	3	2022
<b>1.1.24 - Forecast: Unemployment</b> Percentage of total labor force	2.4	6.3	2	2022
<b>1.1.25 - Forecast: Current account balance</b> Percentage of GDP	16.1	1.7	4	2022

## 1.2 · International Trade

Value Average Rank Year

1.2.01 · Current account balance (\$bn) US\$ billions (minus sign = deficit)	48.0	10.4	15	2021
1.2.02 · Current account balance Percentage of GDP	11.83	1.64	7	2021
1.2.03 · Balance of trade (\$bn) US\$ billions (minus sign = deficit)	105.6	-2.5	3	2021
1.2.04 · Balance of trade (%) Percentage of GDP	26.05	0.27	2	2021
1.2.05 · Balance of commercial services (\$bn) US\$ billions (minus sign = deficit)	3.10	8.39	26	2020
1.2.06 · Balance of commercial services (%) Percentage of GDP	0.87	1.84	30	2020
1.2.07 · World exports contribution Percentage share of world exports (goods and commercial services)	1.74	1.45	20	2020
1.2.08 · Exports of goods (\$bn) US\$ billions	425.04	321.20	16	2021
1.2.09 · Exports of goods (%) Percentage of GDP	104.83	41.98	3	2021
1.2.10 · Exports of goods per capita US\$ per capita	44,465	15,049	5	2021
1.2.11 · Exports of goods - growth Percentage change, based on US\$ values	26.80	27.30	29	2021
1.2.12 · Exports of commercial services (\$bn) US\$ billions	61.27	88.34	24	2020
1.2.13 · Exports of commercial services (%) Percentage of GDP	17.15	15.10	14	2020
1.2.14 · Exports of commercial services - growth Percentage change, based on US\$ values	-31.38	17.14	63	2020
1.2.15 · Exports of goods & commercial services US\$ billions	396.48	408.43	21	2020
1.2.16 · Exports breakdown by economic sector Percentage of total exports				2020
Exports breakdown by economic sector / Agriculture	3.5	11.3		2020
Exports breakdown by economic sector / Industry	81.0	64.4		2020
Exports breakdown by economic sector / Services	15.5	24.3		2020
1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports	38.7	55.0	6	2020
1.2.18 · Export concentration by product Top 5 products, percentage of total exports	53.3	57.6	31	2020
1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions	305.0	402.5	42	2020
1.2.20 · Imports of goods & commercial services (%) Percentage of GDP	85.4	54.7	53	2020
1.2.21 · Imports of goods & commerc. services growth Percentage change, based on US\$ values	-18.71	24.33	1	2020
1.2.22 · Imports breakdown by economic sector Percentage of total imports				2020
Imports breakdown by economic sector / Agriculture	5.9	9.0		2020
Imports breakdown by economic sector / Industry	75.0	67.7		2020
Imports breakdown by economic sector / Services	19.1	23.3		2020
1.2.23 · Trade to GDP ratio (Exports + Imports) / GDP	196.38	102.61	6	2020
1.2.24 · Terms of trade index Unit value of exports over unit value of imports	102.9	99.4	19	2020
1.2.25 · Tourism receipts International tourism receipts as a percentage of GDP	6.89	1.54	2	2020

### 1.3 · International Investment

Value Average Rank Year

1.3.01 · Direct investment flows abroad (\$bn) US\$ billions	18.94	14.96	15	2020
1.3.02 · Direct investment flows abroad (% of GDP) Percentage of GDP	5.30	4.62	6	2020
1.3.03 · Direct investment stocks abroad (\$bn) US\$ billions	203.7	612.1	26	2020
1.3.04 · Direct investment stocks abroad (% of GDP) Percentage of GDP	57.03	109.57	18	2020
1.3.05 · Direct investment flows inward (\$bn) US\$ billions	19.88	16.61	17	2020
1.3.06 · Direct investment flows inward (% of GDP) Percentage of GDP	5.57	4.86	10	2020
1.3.07 · Direct investment stocks inward (\$bn) US\$ billions	150.9	613.9	37	2020
1.3.08 · Direct investment stocks inward (% of GDP) Percentage of GDP	42.24	122.21	38	2020
1.3.09 · Balance of direct investment flows (\$bn) US\$ billions (flows abroad minus flows inward)	-0.95	-1.64	30	2020
1.3.10 · Balance of direct investment flows (%) Percentage of GDP (flows abroad minus flows inward)	-0.27	-0.24	25	2020
1.3.11 · Net position in direct investment stocks (\$bn) US\$ billions (stocks abroad minus stocks inward)	52.8	-1.8	17	2020
1.3.12 · Net position in direct investment stocks (%) Percentage of GDP (stocks abroad minus stocks inward)	14.79	-12.64	13	2020
1.3.13 · Relocation threats of business Relocation of business is not a threat to the future of your economy	5.64	5.36	20	2022
1.3.14 · Portfolio investment assets US\$ billions	0.00	38.51	53	2020
1.3.15 · Portfolio investment liabilities US\$ billions	0.03	34.92	45	2020

### 1.4 · Employment

Value Average Rank Year

1.4.01 · Employment Total employment in millions	7.05	38.16	32	2021
1.4.02 · Employment (%) Percentage of population	73.77	47.14	2	2021
1.4.03 · Employment - growth Estimates: percentage change	1.48	1.54	27	2021
1.4.04 · Employment - long-term growth Estimates: five year percentage change	-6.76	-0.41	54	2021
1.4.05 · Employment by sector Percentage of total employment				2021
Employment by sector / Agriculture	1.8	7.7		2021
Employment by sector / Industry	27.3	23.5		2021
Employment by sector / Services	71.0	68.8		2021
1.4.06 · Employment in the public sector Percentage of total employment	6.00	17.83	5	2020
1.4.07 · Unemployment rate Percentage of labor force	2.90	8.00	6	2021
1.4.08 · Long-term unemployment Percentage of labor force	0.50	2.81	11	2021
1.4.09 · Youth unemployment Percentage of youth labor force (under the age of 25)	6.10	17.13	4	2021
1.4.10 · Youth exclusion Share of youth population (15-24) not in education, employment or training	21.0	14.6	49	2019



## 1.5 · Prices

Value Average Rank Year

<b>1.5.01 · Consumer price inflation</b>	0.19	29.25	3	2021
Average annual rate				
<b>1.5.02 · Cost-of-living index</b>	86.40	78.37	44	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>	2,893	1,530	57	2018
3-room apartment monthly rent in major cities, US\$				
<b>1.5.04 · Office rent</b>	624	656	41	2021
Total occupation cost in the main city (US\$/Sq.M. per year)				
<b>1.5.05 · Food costs</b>	12.79	17.58	20	2021
Percentage of household final consumption expenditures				
<b>1.5.06 · Gasoline prices</b>	0.61	1.26	8	2021
Premium unleaded gasoline (95 Ron) US\$ per litre				

# UAE

## Extended Country Profile

### 2 · Government Efficiency

#### 2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn) US\$ billions	1.34	-91.93	5	2021
2.1.02 · Government budget surplus/deficit (%) Percentage of GDP	0.33	-4.00	6	2021
2.1.03 · Total general government debt (\$bn) US\$ billions	156.83	1,436.31	25	2021
2.1.04 · Total general government debt (%) Percentage of GDP	38.68	71.59	13	2021
2.1.05 · Total general government debt-real growth Percentage change, based on national currency in constant prices	7.97	8.58	39	2021
2.1.06 · Interest payment (%) Percentage of current revenue	0.79	5.98	7	2021
2.1.07 · Public finances Public finances are being efficiently managed	7.21	4.92	7	2022
2.1.08 · Tax evasion Tax evasion is not a threat to your economy	7.86	5.05	1	2022
2.1.09 · Pension funding Pension funding is adequately addressed for the future	4.93	4.77	29	2022
2.1.10 · General government expenditure Percentage of GDP	28.5	38.2	20	2021

#### 2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues Percentage of GDP	11.52	27.09	5	2020
2.2.02 · Collected personal income tax On profits, income and capital gains, as a percentage of GDP	0.00	6.00	1	2020
2.2.03 · Collected corporate taxes On profits, income and capital gains, as a percentage of GDP	0.94	2.70	4	2020
2.2.04 · Collected indirect tax revenues Taxes on goods and services as a percentage of GDP	-	9.41		
2.2.05 · Collected capital and property taxes Percentage of GDP	0.01	1.47	3	2020
2.2.06 · Collected social security contribution Compulsory contribution of employees and employers as a percentage of GDP	0.35	7.28	8	2020
2.2.07 · Corporate tax rate on profit Maximum tax rate, calculated on profit before tax	-	22.34		
2.2.08 · Consumption tax rate Standard rate of VAT/GST	5.00	16.37	3	2021
2.2.09 · Employer social security tax rate %	12.5	16.0	29	2021
2.2.10 · Employee social security tax rate %	5.0	10.4	16	2021
2.2.11 · Real personal taxes Real personal taxes do not discourage people from working or seeking advancement	7.07	5.12	4	2022

## 2.3 · Institutional Framework

Value Average Rank Year

2.3.01 · Real short-term interest rate Real discount / bank rate	0.46	-3.07	56	2021
2.3.02 · Cost of capital Cost of capital encourages business development	7.21	5.63	10	2022
2.3.03 · Interest rate spread Lending rate minus deposit rate	2.80	3.49	31	2021
2.3.04 · Country credit rating Index (0-60) of three country credit ratings: Fitch, Moody's and S&P	52.5	43.0	19	2021
2.3.05 · Central bank policy Central bank policy has a positive impact on the economy	6.93	6.31	19	2022
2.3.06 · Foreign currency reserves US\$ billions	131.12	216.77	22	2021
2.3.07 · Foreign currency reserves per capita US\$ per capita	13,717	9,199	11	2021
2.3.08 · Exchange rate stability Parity change from national currency to SDR, 2021 / 2019	0.031	0.072	34	2021
2.3.09 · Legal and regulatory framework The legal and regulatory framework encourages the competitiveness of enterprises	6.52	5.37	14	2022
2.3.10 · Adaptability of government policy Adaptability of government policy to changes in the economy is high	8.15	4.83	1	2022
2.3.11 · Transparency Transparency of government policy is satisfactory	6.07	4.87	16	2022
2.3.12 · Bureaucracy Bureaucracy does not hinder business activity	6.50	3.72	4	2022
2.3.13 · Bribery and corruption Bribery and corruption do not exist	7.43	4.77	11	2022
2.3.14 · Rule of law Rule of Law Index	79.33	72.47	33	2020
2.3.15 · Sustainable Development Goals Country performance on the 17 SDGs	70.2	75.1	48	2021
2.3.16 · Democracy Index EIU Overall Democracy Index, © The Economist Intelligence Unit Limited 2021	2.90	6.97	59	2021

## 2.4 · Business Legislation

Value Average Rank Year

<b>2.4.01 · Tariff barriers</b>	3.28	2.32	51	2020
Tariffs on imports: Applied weighted mean tariff rate for all products				
<b>2.4.02 · Protectionism</b>	6.57	5.74	24	2022
Protectionism of your government does not impair the conduct of your business				
<b>2.4.03 · Public sector contracts</b>	6.43	5.96	24	2022
Public sector contracts are sufficiently open to foreign bidders				
<b>2.4.04 · Foreign investors</b>	6.43	6.82	39	2022
Foreign investors are free to acquire control in domestic companies				
<b>2.4.05 · Capital markets</b>	7.71	6.57	16	2022
Capital markets (foreign and domestic) are easily accessible				
<b>2.4.06 · Investment incentives</b>	7.14	5.93	8	2022
Investment incentives are attractive to foreign investors				
<b>2.4.07 · Government subsidies</b>	0.27	2.02	5	2021
To private and public companies as a percentage of GDP				
<b>2.4.08 · Subsidies</b>	6.43	5.52	17	2022
Subsidies do not distort fair competition and economic development				
<b>2.4.09 · State ownership of enterprises</b>	6.79	6.04	20	2022
State ownership of enterprises is not a threat to business activities				
<b>2.4.10 · Competition legislation</b>	6.29	5.84	25	2022
Competition legislation is efficient in preventing unfair competition				
<b>2.4.11 · Parallel economy</b>	7.57	5.14	5	2022
Parallel (black-market, unrecorded) economy does not impair economic development				
<b>2.4.12 · New business density</b>	2.7	5.8	40	2019
Registered new businesses per 1'000 people aged 15-64				
<b>2.4.13 · Creation of firms</b>	8.50	6.63	3	2022
Creation of firms is supported by legislation				
<b>2.4.14 · Start-up days</b>	4.0	15.1	9	2019
Number of days to start a business				
<b>2.4.15 · Start-up procedures</b>	2.5	6.0	5	2019
Number of procedures to start a business				
<b>2.4.16 · Labor regulations</b>	8.00	5.50	3	2022
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
<b>2.4.17 · Unemployment legislation</b>	6.50	4.99	7	2022
Unemployment legislation provides an incentive to look for work				
<b>2.4.18 · Immigration laws</b>	7.86	5.83	1	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	7.19	5.72	20	2022
<b>2.5.02 · Homicide</b> Intentional homicide, rate per 100'000 population	0.66	4.28	15	2019
<b>2.5.03 · Ageing of population</b> Population over 65, percentage of total population	1.4	14.8	1	2021
<b>2.5.04 · Risk of political instability</b> The risk of political instability is very low	8.14	5.80	12	2022
<b>2.5.05 · Social cohesion</b> Social cohesion is high	7.07	5.68	15	2022
<b>2.5.06 · Gini coefficient</b> Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)	25.90	35.03	4	2019
<b>2.5.07 · Income distribution - lowest 10%</b> Percentage of household incomes going to lowest 10% of households	2.91	2.75		2019
<b>2.5.08 · Income distribution - highest 10%</b> Percentage of household incomes going to highest 10% of households	12.01	26.98		2019
<b>2.5.09 · Income distribution - lowest 40%</b> Percentile going to the lowest 40% of households	25.83	18.99	1	2019
<b>2.5.10 · Income distribution - lowest 40% growth</b> Percentile going to the lowest 40% of households - growth	13.44	0.34	1	2019
<b>2.5.11 · Equal opportunity</b> Equal opportunity legislation in your economy encourages economic development	7.36	6.17	13	2022
<b>2.5.12 · Females in parliament</b> Percentage of total seats in Parliament	50.00	29.11	1	2021
<b>2.5.13 · Unemployment rate - gender ratio</b> Ratio of the female and male unemployment rates	1.30	1.25	51	2021
<b>2.5.14 · Gender inequality</b> Gender Inequality Index (UNDP)	0.079	0.183	20	2019
<b>2.5.15 · Disposable Income</b> Female / male ratio	30.8	72.2	59	2021
<b>2.5.16 · Freedom of the Press</b> Reporters Without Borders: World Press Freedom Score	43.13	27.85	53	2021

# UAE

## 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\$	100,617	84,576	23	2021
<b>3.1.02 · Overall productivity (PPP) - real growth</b> Estimates: Percentage change of GDP (PPP) per person employed	0.18	2.84	52	2021
<b>3.1.03 · Labor productivity (PPP)</b> Estimates: GDP (PPP) per person employed per hour, US\$	37.82	48.28	43	2021
<b>3.1.04 · Agricultural productivity (PPP)</b> Estimates: Related GDP (PPP) per person employed in agriculture, US\$	49,816	55,834	31	2021
<b>3.1.05 · Productivity in industry (PPP)</b> Estimates: Related GDP (PPP) per person employed in industry, US\$	170,419	107,180	7	2021
<b>3.1.06 · Productivity in services (PPP)</b> Estimates: Related GDP (PPP) per person employed in services, US\$	73,795	86,235	42	2021
<b>3.1.07 · Workforce productivity</b> Workforce productivity is competitive by international standards	7.07	6.15	18	2022
<b>3.1.08 · Large corporations</b> Large corporations are efficient by international standards	7.29	6.67	18	2022
<b>3.1.09 · Small and medium-size enterprises</b> Small and medium-size enterprises are efficient by international standards	6.86	6.12	18	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	6.71	6.29	21	2022

3.2.01 · Compensation levels	6.24	15.09	19	2021
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	0.21	1.59	12	2020
Percentage change				
3.2.03 · Remuneration in services professions	32,449	28,619	36	2018
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	13,313	19,099		2018
Remuneration in services professions / Nurse	31,636	30,277		2018
Remuneration in services professions / Primary school	31,550	30,970		2018
Remuneration in services professions / Product Manager	86,871	49,302		2018
Remuneration in services professions / Sales Assistant	13,235	19,165		2018
Remuneration in services professions / Secretary / Personal	18,088	22,903		2018
3.2.04 · Remuneration of management	243,522	169,169	49	2019
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	363,884	306,535		2019
Remuneration of management / Director manufacturing	218,330	149,356		2019
Remuneration of management / Engineer	153,951	80,327		2019
Remuneration of management / Human resources director	237,924	140,455		2019
3.2.05 · Remuneration spread	19.97	17.99	38	2018
Ratio of CEO to personal assistant remuneration				
3.2.06 · Working hours	2,660	1,843	1	2021
Average number of working hours per year				
3.2.07 · Worker motivation	6.29	5.87	22	2022
Worker motivation in companies is high				
3.2.08 · Industrial disputes	0.00	12.21	1	2020
Working days lost per 1,000 inhabitants per year (average 2018-2020)				
3.2.09 · Apprenticeships	5.43	5.20	28	2022
Apprenticeships are sufficiently implemented				
3.2.10 · Employee training	6.29	6.03	28	2022
Employee training is a high priority in companies				
3.2.11 · Labor force	7.27	40.47	32	2021
Employed and registered unemployed (millions)				
3.2.12 · Labor force (%)	76.00	50.09	2	2021
Percentage of population				
3.2.13 · Labor force growth	0.10	1.18	41	2021
Percentage change				
3.2.14 · Labor force - long-term growth	-5.28	-0.67	57	2021
Estimates: five year percentage change				
3.2.15 · Part-time employment	2.64	15.19	56	2019
Percentage of total employment				
3.2.16 · Female labor force	25.24	42.68	59	2021
Percentage of total labor force				
3.2.17 · Foreign labor force - migrant stock	69.90	17.76	2	2020
Migrant stock, age 20-64, % of population				
3.2.18 · Skilled labor	6.57	5.21	4	2022
Skilled labor is readily available				
3.2.19 · Finance skills	6.93	6.07	12	2022
Finance skills are readily available				
3.2.20 · Attracting and retaining talents	6.93	6.82	30	2022
Attracting and retaining talents is a priority in companies				
3.2.21 · Brain drain	6.36	4.93	12	2022
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
3.2.22 · Foreign highly-skilled personnel	7.79	5.39	3	2022
Foreign highly-skilled personnel are attracted to your country's business environment				
3.2.23 · International experience	7.26	5.62	4	2022
International experience of senior managers is generally significant				
3.2.24 · Competent senior managers	7.21	5.45	2	2022
Competent senior managers are readily available				

### 3.3 · Finance

Value Average Rank Year

3.3.01 · Banking sector assets Percentage of GDP	150.25	157.54	23	2021
3.3.02 · Financial cards in circulation Number of cards per capita	3.32	3.45	17	2021
3.3.03 · Financial card transactions US\$ per capita	16,602	11,334	16	2021
3.3.04 · Access to financial services Proportion of adults with a bank account or mobile-money-service provider	88.21	82.66	32	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	0.82	0.96	56	2017
3.3.06 · Banking and financial services Banking and financial services do support business activities efficiently	6.71	6.24	26	2022
3.3.07 · Regulatory compliance (banking laws) Regulatory compliance is sufficiently developed	6.52	6.92	42	2022
3.3.08 · Stock markets Stock markets provide adequate financing to companies	6.00	5.83	32	2022
3.3.09 · Stock market capitalization (\$bn) US\$ billions	442.8	1,470.4	26	2021
3.3.10 · Stock market capitalization (%) Percentage of GDP	109.22	105.47	21	2021
3.3.11 · Value traded on stock markets US\$ per capita	4,041	23,478	33	2020
3.3.12 · Listed domestic companies Number of listed domestic companies	130	718	38	2020
3.3.13 · Stock market index Percentage change on index in national currency	52.90	26.39	4	2021
3.3.14 · Shareholders' rights Shareholders' rights are sufficiently implemented	6.57	6.91	38	2022
3.3.15 · Initial Public Offerings By acquiror nation (average 2019-2021) US\$ millions	924.3	4,258.5	27	2021
3.3.16 · Credit Credit is easily available for business	6.64	6.05	25	2022
3.3.17 · Venture capital Venture capital is easily available for business	6.21	5.34	17	2022
3.3.18 · M&A Activity Deals per listed company (average 2018-2020)	0.892	1.193	24	2020
3.3.19 · Corporate debt Corporate debt does not restrain the ability of enterprises to compete	6.79	5.83	16	2022



3.4 · Management Practices	Value	Average	Rank	Year
3.4.01 · Agility of companies Companies are agile	7.07	6.08	8	2022
3.4.02 · Changing market conditions Companies are generally extremely aware of changing market conditions	7.21	6.69	16	2022
3.4.03 · Opportunities and threats Companies are very good at responding quickly to opportunities and threats	6.64	6.29	23	2022
3.4.04 · Credibility of managers Credibility of managers in society is strong	6.86	6.15	14	2022
3.4.05 · Corporate boards Corporate boards do supervise the management of companies effectively	6.29	6.17	27	2022
3.4.06 · Auditing and accounting practices Auditing and accounting practices are adequately implemented in business	6.93	7.25	40	2022
3.4.07 · Use of big data and analytics Companies are very good at using big data and analytics to support decision-making	5.93	5.33	20	2022
3.4.08 · Customer satisfaction Customer satisfaction is emphasized in companies	6.64	6.95	44	2022
3.4.09 · Entrepreneurship Entrepreneurship of managers is widespread in business	6.36	6.07	24	2022
3.4.10 · Social responsibility Social responsibility of business leaders is high	5.29	6.16	53	2022
3.4.11 · Women in management Female share of senior and middle management (% of management)	15.75	31.46	52	2018
3.4.12 · Women on boards Boardmembers of all companies analyzed by MSCI	6.30	24.22	56	2021
3.4.13 · Entrepreneurial fear of failure % indicating that fear of failure would prevent them from setting up a business	49.72	42.81	38	2021
3.4.14 · Total early-stage Entrepreneurial Activity % who are either a nascent entrepreneur or owner-manager of a new business	16.51	12.11	12	2021

3.5 · Attitudes and Values	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization Attitudes toward globalization are generally positive in your society	7.50	6.47	9	2022
3.5.02 · Image abroad or branding The image abroad of your country encourages business development	8.00	6.44	9	2022
3.5.03 · National culture The national culture is open to foreign ideas	8.50	6.82	2	2022
3.5.04 · Flexibility and adaptability Flexibility and adaptability of people are high when faced with new challenges	7.79	6.63	4	2022
3.5.05 · Need for economic and social reforms The need for economic and social reforms is generally well understood	7.00	5.88	12	2022
3.5.06 · Digital transformation in companies Digital transformation in companies is generally well implemented	6.50	5.95	23	2022
3.5.07 · Value system The value system in your society supports competitiveness	7.21	6.23	15	2022

# UAE

## 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)	99	1,207	39	2021
4.1.02 · Arable area Square meters per capita	95	2,704	59	2019
4.1.03 · Water resources Total internal renewable per capita in cubic meters	16	18,375	62	2018
4.1.04 · Access to water Access to water is adequately ensured and managed	9.00	7.90	17	2022
4.1.05 · Management of cities Management of cities supports business development	9.00	6.61	1	2022
4.1.06 · Population - market size Estimates in millions	9.56	81.51	39	2021
4.1.07 · Population - growth Percentage change	2.98	0.30	1	2021
4.1.08 · Dependent Population Percentage of total population	13.6	33.6		2021
Population over 65 years	1.4	14.8		2021
Population under 15 years	12.3	18.7		2021
4.1.09 · Dependency ratio Population under 15 and over 64 years old, divided by active population (15 to 64 years)	15.8	51.2	1	2021
4.1.10 · Roads Density of the network, km roads/square km land area	1.12	1.39	25	2019
4.1.11 · Railroads Density of the network, km per square km	0.004	0.049	49	2020
4.1.12 · Air transportation Number of passengers carried by main companies, thousands	26,117	27,297	19	2020
4.1.13 · Quality of air transportation Quality of air transportation encourages business development	8.86	7.07	5	2022
4.1.14 · Distribution infrastructure The distribution infrastructure of goods and services is generally efficient	9.00	7.12	4	2022
4.1.15 · Energy infrastructure Energy infrastructure is adequate and efficient	9.29	6.81	1	2022
4.1.16 · Total indigenous energy production Millions MTOE	237.54	169.14	9	2019
4.1.17 · Total indigenous energy production (%) Percentage of total requirements in tons of oil equivalent	451.3	106.4	3	2019
4.1.18 · Total final energy consumption Millions MTOE	56.86	122.04	40	2019
4.1.19 · Total final energy consumption per capita MTOE per capita	5.98	2.46	60	2019
4.1.20 · Electricity costs for industrial clients US\$ per kwh	0.090	0.107	21	2021

## 4.2 · Technological Infrastructure

Value Average Rank Year

4.2.01 · Investment in Telecommunications Percentage of GDP	0.45	0.42	25	2021
4.2.02 · Mobile Broadband subscribers 4G & 5G market, % of mobile market	90.6	71.5	13	2020
4.2.03 · Mobile Telephone costs Monthly Blended Average Revenue per User	22.9	15.7	50	2020
4.2.04 · Communications technology Communications technology (voice and data) meets business requirements	8.07	7.67	28	2022
4.2.05 · Secure internet servers publicly-trusted TLS/SSL certificates, Netcraft Secure Server Survey.	1,406	36,109	50	2020
4.2.06 · Internet users Number of internet users per 1000 people	1,000	839	1	2021
4.2.07 · Broadband subscribers Number of subscriptions per 1000 inhabitants	277	381	44	2020
4.2.08 · Internet bandwidth speed Average speed	98.3	93.5	29	2021
4.2.09 · Digital/Technological skills Digital/Technological skills are readily available	7.71	6.79	16	2022
4.2.10 · Qualified engineers Qualified engineers are available in your labor market	7.64	6.35	6	2022
4.2.11 · Public-private partnerships Public and private sector ventures are supporting technological development	7.14	6.08	10	2022
4.2.12 · Development & application of tech. Development and application of technology are supported by the legal environment	7.93	6.46	5	2022
4.2.13 · Funding for technological development Funding for technological development is readily available	7.29	5.98	11	2022
4.2.14 · High-tech exports (\$) US\$ millions	1,156	47,160	48	2020
4.2.15 · High-tech exports (%) Percentage of manufactured exports	5.18	18.12	56	2020
4.2.16 · ICT service exports Percentage of service exports	-	9.7		
4.2.17 · Cyber security Cyber security is being adequately addressed by corporations	7.71	5.89	5	2022

### 4.3 · Scientific Infrastructure

Value Average Rank Year

4.3.01 · Total expenditure on R&D (\$) US\$ millions	5,201	31,953	29	2020
4.3.02 · Total expenditure on R&D (%) Percentage of GDP	1.46	1.63	29	2020
4.3.03 · Total expenditure on R&D per capita (\$) US\$ per capita	560.3	647.1	24	2020
4.3.04 · Business expenditure on R&D (\$) US\$ millions	3,014	24,238	29	2020
4.3.05 · Business expenditure on R&D (%) Percentage of GDP	0.84	1.11	31	2020
4.3.06 · Total R&D personnel Full-time work equivalent (FTE thousands)	39.1	233.3	35	2020
4.3.07 · Total R&D personnel per capita Full-time work equivalent (FTE) per 1000 people	4.21	5.37	32	2020
4.3.08 · Total R&D personnel in business enterprise Full-time work equivalent (FTE thousands)	30.6	183.3	29	2020
4.3.09 · Total R&D personnel in business per capita Full-time work equivalent (FTE) per 1000 people	3.29	3.31	27	2020
4.3.10 · Researchers in R&D per capita Full-time work equivalent (FTE) per 1000 people	2.6	3.6	34	2020
4.3.11 · Graduates in Sciences % of graduates in ICT, Engineering, Math & Natural Sciences	30.98	24.75	8	2019
4.3.12 · Scientific articles Scientific articles published by origin of author	4,053	39,473	46	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	837	52,962	45	2020
4.3.16 · Patent applications per capita Number of applications filed by applicant's origin, per 100,000 inhabitants	9.02	80.01	41	2020
4.3.17 · Patent grants Number of patents granted by applicant's origin (average 2018-2020)	334	25,007	48	2020
4.3.18 · Number of patents in force by applicant's origin, per 100,000 inhabitants	21.1	491.7	43	2020
4.3.19 · Medium- and high-tech value added Proportion of total manufacturing value added, expressed as a percentage	37.49	38.63	33	2019
4.3.20 · Scientific research legislation Laws relating to scientific research do encourage innovation	7.00	5.97	15	2022
4.3.21 · Intellectual property rights Intellectual property rights are adequately enforced	6.29	6.59	39	2022
4.3.22 · Knowledge transfer Knowledge transfer is highly developed between companies and universities	5.93	5.52	21	2022

## 4.4 · Health and Environment

Value Average Rank Year

4.4.01 · Total health expenditure Percentage of GDP	4.3	7.5	53	2019
4.4.02 · Total health expenditure per capita US\$ per capita	1,879	2,614	29	2019
4.4.03 · Public expenditure on health (%) Percentage of total health expenditure	52.30	65.44	50	2019
4.4.04 · Health infrastructure Health infrastructure meets the needs of society	7.64	5.97	15	2022
4.4.05 · Universal health coverage index Coverage index for essential health services (0-100)	78	78	32	2019
4.4.06 · Life expectancy at birth Average estimate	78.1	78.4	34	2020
4.4.07 · Healthy life expectancy Average estimate	67.2	68.3	39	2021
4.4.08 · Infant mortality Under five mortality rate per 1000 live births	6.6	7.9	41	2020
4.4.09 · Medical assistance Number of inhabitants per physician and per nurse			37	2021
Medical assistance / Per nurse	150.20	302.83		2021
Medical assistance / Per physician	367.43	533.91		2021
4.4.10 · Urban population Percentage of total population	88	77		2021
4.4.11 · Human development index Combines economic - social - educational indicators/ Source: Human Development Report	0.890	0.862	30	2019
4.4.12 · Energy intensity Total energy consumed for each 1000 US\$ of GDP in MTOE	121	102	47	2018
4.4.13 · Safely treated waste water Percentage of waste water	95.9	76.7	12	2020
4.4.14 · Water use efficiency US\$ per cubic meter	74.91	97.67	22	2019
4.4.15 · CO2 emissions Metric tons of carbon dioxide from fuel combustion	178.0	420.2	40	2019
4.4.16 · CO2 emissions intensity CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP	426.6	354.2	46	2019
4.4.17 · Exposure to particle pollution Mean population exposure to PM2.5, Micrograms per cubic metre	43.08	20.45	58	2019
4.4.18 · Renewable energies (%) Share of renewables in total energy requirements, %	0.8	16.8	59	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	0.52	3.26	52	2018
4.4.21 · Ecological footprint Global hectares per person	8.1	5.0	56	2018
4.4.22 · Ecological balance (reserve/deficit) Total biocapacity minus total footprint in global hectares per capita	-7.58	-1.73	57	2018
4.4.23 · Environment-related technologies Development of environment-related technologies, % inventions worldwide	0.02	1.60	45	2019
4.4.24 · Environmental agreements Multilateral agreements on hazardous waste, proportion fulfilled	85.54	83.34	35	2015
4.4.25 · Sustainable development Sustainable development is a priority in companies	6.15	6.21	33	2022
4.4.26 · Pollution problems Pollution problems do not seriously affect your economy	7.14	5.71	10	2022
4.4.27 · Environmental laws Environmental laws and compliance do not hinder the competitiveness of businesses	7.48	6.17	7	2022
4.4.28 · Quality of life Quality of life is high	8.57	6.76	11	2022

## 4.5 · Education

Value Average Rank Year

4.5.01 · Total public expenditure on education Percentage of GDP	1.7	5.0	62	2020
4.5.02 · Total public expenditure on education per capita US\$ per capita	636	1,562	42	2020
4.5.03 · Total public exp. on education per student Spending per enrolled pupil/student, all levels	3,939	6,944	38	2019
4.5.04 · Pupil-teacher ratio (primary education) Ratio of students to teaching staff	18.76	15.95	50	2020
4.5.05 · Pupil-teacher ratio (secondary education) Ratio of students to teaching staff	9.59	13.74	10	2020
4.5.06 · Secondary school enrollment Percentage of relevant age group receiving full-time education	99.0	92.7	7	2019
4.5.07 · Higher education achievement Percentage of population that has attained at least tertiary education for persons 25-34	56.8	44.2	12	2020
4.5.08 · Women with degrees Share of women who have a degree in the population 25-65	51.8	39.7	14	2020
4.5.09 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants	23.71	4.01	1	2019
4.5.10 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants	1.42	2.62	34	2019
4.5.11 · Educational assessment - PISA PISA survey of 15-year olds	433	471	42	2018
Educational assessment - PISA / Mathematics	435	472		2018
Educational assessment - PISA / Reading	432	468		2018
Educational assessment - PISA / Sciences	434	472		2018
4.5.12 · Students who are not low achievers - PISA % of students who are not low achievers in maths, sciences and reading	42.5	58.5	41	2018
4.5.13 · English proficiency - TOEFL TOEFL scores	83	92	57	2020
4.5.14 · Primary and secondary education Primary and secondary education meets the needs of a competitive economy	6.86	6.10	22	2022
4.5.15 · University education University education meets the needs of a competitive economy	6.79	6.40	27	2022
4.5.16 · Management education Management education meets the needs of the business community	6.50	6.34	34	2022
4.5.17 · University education index Country score calculated from Times Higher Education university ranking	6.37	14.07	37	2021
4.5.18 · Illiteracy Adult (over 15 years) illiteracy rate as a percentage of population	2.4	2.4	43	2019
4.5.19 · Language skills Language skills are meeting the needs of enterprises	8.43	6.41	7	2022

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

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