



## IMD World Competitiveness Yearbook 2021

# COUNTRY PROFILE

# MALAYSIA



# MALAYSIA

## OVERALL PERFORMANCE (64 countries)



## CHALLENGES IN 2021

- Minimize the impact of COVID-19 on economic, social and environment through agile policies and regulations.
- Upskilling and reskilling are crucial to keep up with new and emerging job challenges and nurture a future-ready workforce.
- To inculcate digital-first mindset and increase the adoption of digital technology across the public sector.
- To increase productivity through measures enabling business environment e.g. to boost innovation, skills and institutional quality.
- Creating an ecosystem conducive to attracting investment.

### Provided by:

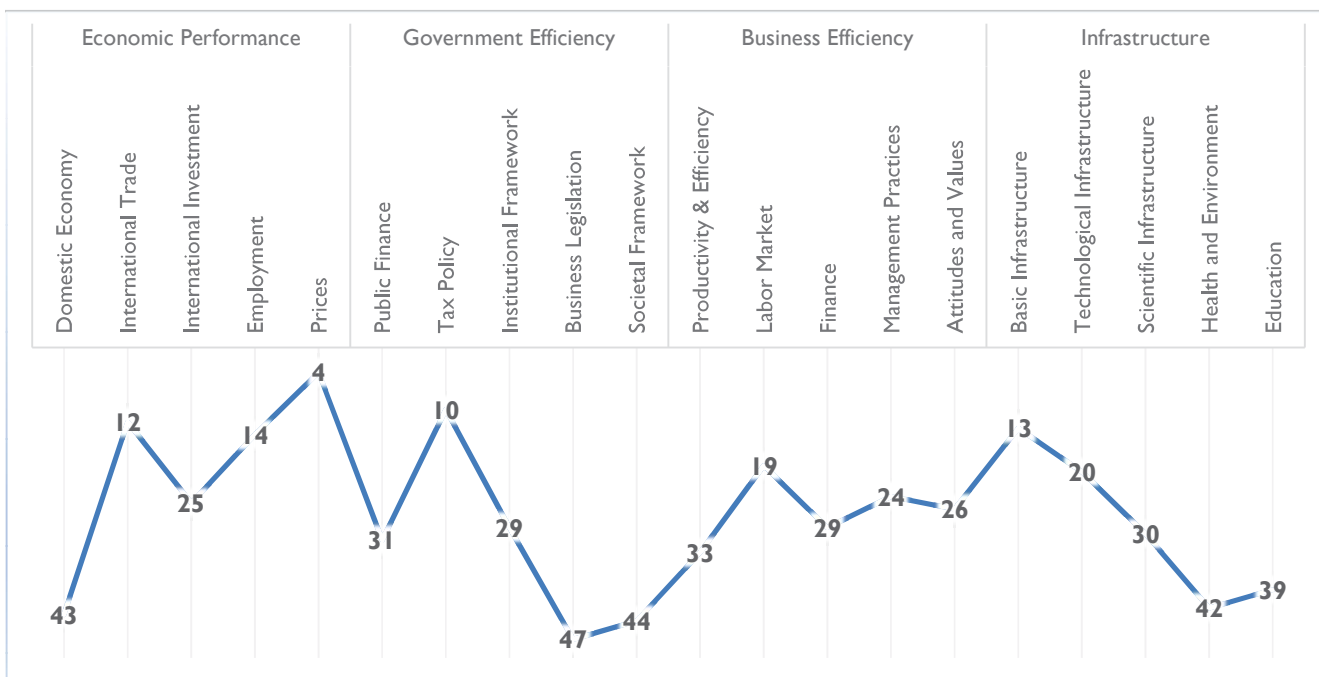
Malaysia Productivity Corporation (MPC), Petaling Jaya, Selangor

## BASIC FACTS

Rank

Capital	Kuala Lumpur	
Land area (square km '000)	330	<sup>2020</sup>
Exchange Rate (per \$)	4.203	<sup>2020</sup>
Population - market size (millions)	32.70	<sup>2020</sup> 26
Gross Domestic Product (GDP) (US\$ billions)	336.7	<sup>2020</sup> 36
GDP (PPP) per capita (US\$)	27,602	<sup>2020</sup> 45
Real GDP growth (%)	-5.6	<sup>2020</sup> 39
Consumer price inflation (%)	-1.14	<sup>2020</sup> 4
Unemployment rate (%)	4.50	<sup>2020</sup> 16
Labor force (millions)	15.67	<sup>2020</sup> 26
Current account balance (% of GDP)	18.45	<sup>2020</sup> 1
Direct investment stocks inward (\$bn)	169.0	<sup>2019</sup> 32
Direct investment flows inward (% of GDP)	2.50	<sup>2019</sup> 28

## COMPETITIVENESS LANDSCAPE



## PEER GROUPS RANKINGS

### ASIA - PACIFIC (14 countries)



### POPULATIONS > 20 MILLION (29 countries)



## MALAYSIA

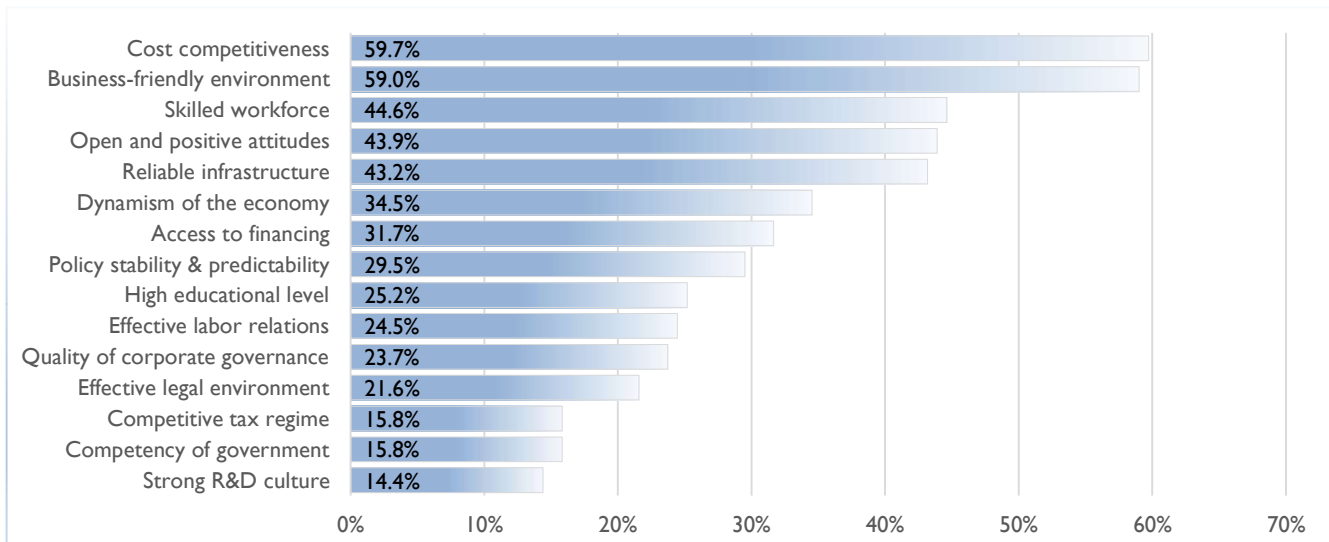
## COMPETITIVENESS EVOLUTION

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.

IMPROVEMENTS	WCY	WCY	DECLINES	WCY	WCY
	2020	2021		2020	2021
1.5.01 Consumer price inflation	0.66	-1.14	1.1.18 Gross fixed capital formation - real growth	-2.14	-14.52
2.3.08 Exchange rate stability	0.040	0.025	1.1.15 Real GDP growth per capita	3.69	-6.17
1.2.02 Current account balance	13.64	18.45	1.1.14 Real GDP growth	4.3	-5.6
1.1.13 Economic complexity index	0.97	1.18	2.1.02 Government budget surplus/deficit (%)	-3.43	-6.19
3.2.14 Labor force long-term growth	2.72	3.22	1.4.08 Long-term unemployment	0.20	0.30
3.3.10 Stock market capitalization (%)	109.36	124.03	1.2.12 Exports of commercial services (\$bn)	40.81	21.78
3.2.01 Compensation levels	5.17	4.52	4.3.05 Business expenditure on R&D (%)	0.80	0.44
2.4.07 Government subsidies	1.56	1.40	1.2.13 Exports of commercial services (%)	11.19	6.47
2.5.16 Freedom of the Press	36.74	33.12	1.4.07 Unemployment rate	3.30	4.50
3.5.06 Digital transformation in companies	5.97	6.43	4.3.02 Total expenditure on R&D (%)	1.42	1.00
4.2.07 Internet users	751	802	2.3.13 Bribery and corruption	3.78	2.87
4.4.25 Sustainable development	6.49	6.91	1.5.04 Office rent	267	325
1.2.09 Exports of goods (%)	65.31	69.54	2.5.04 Risk of political instability	3.81	3.04
3.4.03 Opportunities and threats	6.19	6.58	1.4.04 Employment - long-term growth	2.55	2.05
2.4.03 Public sector contracts	4.74	5.00	2.1.07 Public finances	5.91	4.79

## 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.



# MALAYSIA

## ECONOMIC PERFORMANCE



Sub-Factor Rankings :	2020	2021
Domestic Economy	29	43
International Trade	9	12
International Investment	36	25
Employment	16	14
Prices	1	4

## GOVERNMENT EFFICIENCY



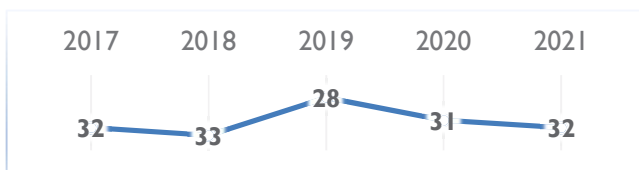
Sub-Factor Rankings :	2020	2021
Public Finance	35	31
Tax Policy	9	10
Institutional Framework	32	29
Business Legislation	49	47
Societal Framework	39	44

## BUSINESS EFFICIENCY



Sub-Factor Rankings :	2020	2021
Productivity & Efficiency	32	33
Labor Market	23	19
Finance	33	29
Management Practices	23	24
Attitudes and Values	30	26

## INFRASTRUCTURE



Sub-Factor Rankings :	2020	2021
Basic Infrastructure	13	13
Technological Infrastructure	17	20
Scientific Infrastructure	32	30
Health and Environment	44	42
Education	37	39

## MALAYSIA

## STRENGTHS

Economic Performance	Rank
1.2.02 Current account balance	1
1.5.06 Gasoline prices	4
1.5.01 Consumer price inflation	4
1.4.08 Long-term unemployment	6
1.2.09 Exports of goods (%)	10
1.5.04 Office rent	15
1.2.25 Tourism receipts	15
1.2.23 Trade to GDP ratio	15
1.5.02 Cost-of-living index	16
1.4.07 Unemployment rate	16

Government Efficiency	Rank
2.2.01 Collected total tax revenues	4
2.2.08 Consumption tax rate	7
2.2.02 Collected personal income tax	17
2.1.09 Pension funding	18
2.3.10 Adaptability of government policy	21
2.4.17 Unemployment legislation	21
2.2.11 Real personal taxes	23
2.3.09 Legal and regulatory framework	24
2.2.09 Employer social security tax rate	25
2.3.07 Foreign currency reserves per capita	25

Business Efficiency	Rank
3.2.06 Working hours	4
3.4.14 Total early-stage Entrepreneurial Activity	6
3.2.14 Labor force long-term growth	9
3.3.10 Stock market capitalization (%)	13
3.4.09 Entrepreneurship	18
3.5.01 Attitudes toward globalization	18
3.2.01 Compensation levels	19
3.2.03 Remuneration in services professions	20
3.2.04 Remuneration of management	21
3.2.09 Apprenticeships	21

Infrastructure	Rank
4.3.11 Graduates in Sciences	1
4.2.16 High-tech exports (%)	4
4.5.08 Women with degrees	4
4.5.04 Pupil-teacher ratio (primary education)	12
4.1.09 Dependency ratio	12
4.1.20 Electricity costs for industrial clients	14
4.2.12 Public-private partnerships	17
4.4.24 Environmental agreements	17
4.4.25 Sustainable development	19
4.4.04 Health infrastructure	22

## WEAKNESSES

Economic Performance	Rank
1.1.18 Gross fixed capital formation - real growth	54
1.5.05 Food costs	48
1.1.20 GDP per capita	45
1.1.21 GDP (PPP) per capita	45
1.1.15 Real GDP growth per capita	43
1.1.09 Gross fixed capital formation (%)	40
1.2.12 Exports of commercial services (\$bn)	39
1.1.14 Real GDP growth	39
1.2.13 Exports of commercial services (%)	38
1.4.02 Employment (%)	38

Government Efficiency	Rank
2.4.15 Start-up procedures	54
2.5.04 Risk of political instability	53
2.4.19 Redundancy costs	53
2.4.04 Foreign investors	53
2.4.01 Tariff barriers	51
2.4.14 Start-up days	51
2.5.06 Gini coefficient	49
2.4.02 Protectionism	47
2.4.09 State ownership of enterprises	47
2.5.16 Freedom of the Press	46

Business Efficiency	Rank
3.2.16 Female labor force	54
3.4.11 Women in management	50
3.1.03 Labor productivity (PPP)	49
3.3.05 Access to financial services - gender ratio	46
3.1.01 Overall productivity (PPP)	44
3.2.12 Labor force (%)	42
3.2.20 Attracting and retaining talents	40
3.4.13 Entrepreneurial fear of failure	37
3.3.07 Regulatory compliance (banking laws)	36
3.3.19 Corporate debt	33

Infrastructure	Rank
4.4.01 Total health expenditure	59
4.4.09 Medical assistance	55
4.4.12 Energy intensity	55
4.2.08 Broadband subscribers	54
4.4.18 Renewable energies (%)	54
4.4.11 Human development index	49
4.4.05 Universal health care coverage index	49
4.4.19 Forest area growth	48
4.5.06 Secondary school enrollment	47
4.3.16 Patent applications per capita	46



# MALAYSIA

## I · Economic Performance

I.1 · Domestic Economy	Value	Average	Rank	Year
I.1.00 · Exchange Rate	4.203	859.762		2020
National currency per US\$ (average)				
I.1.01 · Gross Domestic Product (GDP)	336.7	1,235.5	36	2020
US\$ billions				
I.1.02 · GDP (PPP)	902.6	1,829.9	25	2020
Estimates ; US\$ billions at purchasing power parity				
I.1.03 · World GDP contribution	0.40	1.46	36	2020
Percentage share of world GDP in market prices				
I.1.04 · Household consumption expenditure (\$bn)	205.0	673.9	30	2020
US\$ billions				
I.1.05 · Household consumption expenditure (%)	60.9	54.8	16	2020
Percentage of GDP				
I.1.06 · Government consumption expenditure (\$bn)	43.8	219.7	40	2020
US\$ billions				
I.1.07 · Government consumption expenditure (%)	13.0	18.7	54	2020
Percentage of GDP				
I.1.08 · Gross fixed capital formation (\$bn)	70.5	317.6	34	2020
US\$ billions				
I.1.09 · Gross fixed capital formation (%)	20.9	22.2	40	2020
Percentage of GDP				
I.1.10 · Gross domestic savings (\$bn)	87.9	336.5	33	2020
US\$ billions				
I.1.11 · Gross domestic savings (%)	26.1	26.4	30	2020
Percentage of GDP				
I.1.12 · Economic sectors				2020
Breakdown of the economic sectors, percentage of GDP				
Economic sectors / Agriculture	7.4	3.8		2020
Economic sectors / Industry	36.6	27.6		2020
Economic sectors / Services	54.9	68.2		2020
I.1.13 · Economic complexity index	1.18	0.91	25	2019
Measures knowledge intensity, by considering exports				
I.1.14 · Real GDP growth	-5.6	-5.1	39	2020
Percentage change, based on national currency in constant prices				
I.1.15 · Real GDP growth per capita	-6.17	-5.54	43	2020
Percentage change, based on national currency in constant prices				
I.1.16 · Household consumption expenditure - real growth	-4.32	-5.11	24	2020
Percentage change, based on constant prices				
I.1.17 · Government consumption expenditure - real growth	4.12	3.55	19	2020
Percentage change, based on constant prices				
I.1.18 · Gross fixed capital formation - real growth	-14.52	-5.75	54	2020
Percentage change, based on constant prices				
I.1.19 · Resilience of the economy	5.71	5.59	32	2021
Resilience of the economy to economic cycles is strong				
I.1.20 · GDP per capita	10,296	29,214	45	2020
US\$ per capita				
I.1.21 · GDP (PPP) per capita	27,602	39,600	45	2020
Estimates; US\$ per capita at purchasing power parity				
I.1.22 · Forecast: Real GDP growth	6.8	4.2	5	2021
Percentage change, based on national currency in constant prices				
I.1.23 · Forecast: Inflation	3.3	88.8	52	2021

Percentage change				
1.1.24 · Forecast: Unemployment	4.6	8.0	13	2021
Percentage of total labor force				
1.1.25 · Forecast: Current account balance	3.0	0.9	20	2021
Percentage of GDP				
<b>1.2 · International Trade</b>	Value	Average	Rank	Year
1.2.01 · Current account balance (\$bn)	62.1	9.3	8	2020
US\$ billions (minus sign = deficit)				
1.2.02 · Current account balance	18.45	1.65	1	2020
Percentage of GDP				
1.2.03 · Balance of trade (\$bn)	44.3	0.7	10	2020
US\$ billions (minus sign = deficit)				
1.2.04 · Balance of trade (%)	13.15	0.35	5	2020
Percentage of GDP				
1.2.05 · Balance of commercial services (\$bn)	-11.28	4.81	55	2020
US\$ billions (minus sign = deficit)				
1.2.06 · Balance of commercial services (%)	-3.35	1.21	60	2020
Percentage of GDP				
1.2.07 · World exports contribution	1.14	1.47	25	2020
Percentage share of world exports (goods and commercial services)				
1.2.08 · Exports of goods (\$bn)	234.13	257.28	23	2020
US\$ billions				
1.2.09 · Exports of goods (%)	69.54	37.14	10	2020
Percentage of GDP				
1.2.10 · Exports of goods per capita	7,160	11,553	31	2020
US\$ per capita				
1.2.11 · Exports of goods - growth	-1.71	-8.76	16	2020
Percentage change, based on US\$ values				
1.2.12 · Exports of commercial services (\$bn)	21.78	73.11	39	2020
US\$ billions				
1.2.13 · Exports of commercial services (%)	6.47	13.39	38	2020
Percentage of GDP				
1.2.14 · Exports of commercial services - growth	-46.75	-25.43	56	2020
Percentage change, based on US\$ values				
1.2.15 · Exports of goods & commercial services	255.91	332.15	25	2020
US\$ billions				
1.2.16 · Exports breakdown by economic sector				2019
Percentage of total exports				
Exports breakdown by economic sector / Agriculture	9.3	10.3		2019
Exports breakdown by economic sector / Industry	76.0	62.7		2019
Exports breakdown by economic sector / Services	14.7	27.0		2019
1.2.17 · Export concentration by partner	51.1	54.2	27	2019
Exports to top 5 countries, percentage of total exports				
1.2.18 · Export concentration by product	53.2	55.1	35	2019
Top 5 products, percentage of total exports				
1.2.19 · Imports of goods & commercial services (\$bn)	222.9	325.6	38	2020
US\$ billions				
1.2.20 · Imports of goods & commercial services (%)	66.2	48.8	50	2020
Percentage of GDP				
1.2.21 · Imports of goods & commercial services - growth	-10.25	-10.93	32	2020
Percentage change, based on US\$ values				
1.2.22 · Imports breakdown by economic sector				2019
Percentage of total imports				
Imports breakdown by economic sector / Agriculture	7.9	8.0		2019
Imports breakdown by economic sector / Industry	74.6	67.1		2019

Imports breakdown by economic sector / Services	17.5	25.0		2019
I.2.23 · Trade to GDP ratio (Exports + Imports) / GDP	144.64	106.04	15	2019
I.2.24 · Terms of trade index Unit value of exports over unit value of imports	98.2	97.1	30	2019
I.2.25 · Tourism receipts International tourism receipts as a percentage of GDP	5.44	3.79	15	2019
<b>I.3 · International Investment</b>				
	Value	Average	Rank	Year
I.3.01 · Direct investment flows abroad (\$bn) US\$ billions	7.71	20.75	28	2019
I.3.02 · Direct investment flows abroad (% of GDP) Percentage of GDP	2.11	3.34	18	2019
I.3.03 · Direct investment stocks abroad (\$bn) US\$ billions	118.6	535.2	35	2019
I.3.04 · Direct investment stocks abroad (% of GDP) Percentage of GDP	32.52	81.76	27	2019
I.3.05 · Direct investment flows inward (\$bn) US\$ billions	9.10	24.48	33	2019
I.3.06 · Direct investment flows inward (% of GDP) Percentage of GDP	2.50	5.03	28	2019
I.3.07 · Direct investment stocks inward (\$bn) US\$ billions	169.0	536.5	32	2019
I.3.08 · Direct investment stocks inward (% of GDP) Percentage of GDP	46.34	96.59	30	2019
I.3.09 · Balance of direct investment flows (\$bn) US\$ billions (flows abroad minus flows inward)	-1.39	-3.73	31	2019
I.3.10 · Balance of direct investment flows (%) Percentage of GDP (flows abroad minus flows inward)	-0.38	-1.69	24	2019
I.3.11 · Net position in direct investment stocks (\$bn) US\$ billions (stocks abroad minus stocks inward)	-50.4	-1.3	38	2019
I.3.12 · Net position in direct investment stocks (%) Percentage of GDP (stocks abroad minus stocks inward)	-13.81	-14.83	35	2019
I.3.13 · Relocation threats of business Relocation of business is not a threat to the future of your economy	5.65	5.38	26	2021
I.3.14 · Portfolio investment assets US\$ billions	10.04	31.19	26	2019
I.3.15 · Portfolio investment liabilities US\$ billions	3.10	29.61	36	2019
<b>I.4 · Employment</b>				
	Value	Average	Rank	Year
I.4.01 · Employment Total employment in millions	14.96	38.49	25	2020
I.4.02 · Employment (%) Percentage of population	45.74	46.43	38	2020
I.4.03 · Employment - growth Estimates: percentage change	-0.77	-2.20	22	2020
I.4.04 · Employment - long-term growth Estimates: % of population, percentage change in 4 years	2.05	-0.60	22	2020
I.4.05 · Employment by sector Percentage of total employment				2020
Employment by sector / Agriculture	10.5	8.2		2020
Employment by sector / Industry	26.2	23.4		2020
Employment by sector / Services	63.4	68.4		2020
I.4.06 · Employment in the public sector	11.20	17.45	20	2019



Percentage of total employment				
<b>I.4.07 · Unemployment rate</b>	4.50	8.49	16	2020
Percentage of labor force				
<b>I.4.08 · Long-term unemployment</b>	0.30	2.17	6	2020
Percentage of labor force				
<b>I.4.09 · Youth unemployment</b>	12.00	17.16	24	2020
Percentage of youth labor force (under the age of 25)				
<b>I.4.10 · Youth exclusion</b>	12.6	13.6	35	2019
Share of youth population (15-24) not in education, employment or training				

## I.5 · Prices

	Value	Average	Rank	Year
<b>I.5.01 · Consumer price inflation</b>	-1.14	38.79	4	2020
Average annual rate				
<b>I.5.02 · Cost-of-living index</b>	65.00	76.02	16	2019
Index of a basket of goods & services in the main city, including housing (New York City = 100)				
<b>I.5.03 · Apartment rent</b>	447	1,525	5	2018
3-room apartment monthly rent in major cities, US\$				
<b>I.5.04 · Office rent</b>	325	664	15	2019
Total occupation cost in the main city (US\$/Sq.M. per year)				
<b>I.5.05 · Food costs</b>	25.89	18.82	48	2020
Percentage of household final consumption expenditures				
<b>I.5.06 · Gasoline prices</b>	0.47	1.13	4	2020
Premium unleaded gasoline (95 Ron) US\$ per litre				

# MALAYSIA

## 2 · Government Efficiency

### 2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn)	-20.85	-131.03	33	2020
US\$ billions				
2.1.02 · Government budget surplus/deficit (%)	-6.19	-7.12	30	2020
Percentage of GDP				
2.1.03 · Total general government debt (\$bn)	227.26	1,251.77	32	2020
US\$ billions				
2.1.04 · Total general government debt (%)	67.50	70.60	37	2020
Percentage of GDP				
2.1.05 · Total general government debt-real growth	11.90	16.13	28	2020
Percentage change, based on national currency in constant prices				
2.1.06 · Interest payment (%)	15.33	5.79	60	2020
Percentage of current revenue				
2.1.07 · Public finances	4.79	4.52	29	2021
Public finances are being efficiently managed				
2.1.08 · Tax evasion	4.31	4.66	35	2021
Tax evasion is not a threat to your economy				
2.1.09 · Pension funding	5.33	4.32	18	2021
Pension funding is adequately addressed for the future				
2.1.10 · General government expenditure	22.2	40.8	5	2020
Percentage of GDP				

### 2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues	11.95	27.57	4	2019
Percentage of GDP				
2.2.02 · Collected personal income tax	2.56	5.95	17	2019
On profits, income and capital gains, as a percentage of GDP				
2.2.03 · Collected corporate taxes	4.22	3.07	52	2019
On profits, income and capital gains, as a percentage of GDP				
2.2.04 · Collected indirect tax revenues	3.03	9.82	3	2019
Taxes on goods and services as a percentage of GDP				
2.2.05 · Collected capital and property taxes	0.12	1.34	8	2019
Percentage of GDP				
2.2.06 · Collected social security contribution	5.03	7.13	23	2019
Compulsory contribution of employees and employers as a percentage of GDP				
2.2.07 · Corporate tax rate on profit	24.00	22.80	35	2020
Maximum tax rate, calculated on profit before tax				
2.2.08 · Consumption tax rate	6.00	16.43	7	2020
Standard rate of VAT/GST				
2.2.09 · Employer social security tax rate	12.0	16.4	25	2020
%				
2.2.10 · Employee social security tax rate	11.0	10.4	33	2020
%				
2.2.11 · Real personal taxes	5.84	5.03	23	2021
Real personal taxes do not discourage people from working or seeking advancement				

### 2.3 · Institutional Framework

	Value	Average	Rank	Year
2.3.01 · Real short-term interest rate	2.92	-0.04	57	2020
Real discount / bank rate				
2.3.02 · Cost of capital	5.93	5.53	28	2021
Cost of capital encourages business development				
2.3.03 · Interest rate spread	3.33	3.53	42	2020
Lending rate minus deposit rate				

<b>2.3.04 · Country credit rating</b>	40.7	42.8	40	2020
Index (0-60) of three country credit ratings: Fitch, Moody's and S&P				
<b>2.3.05 · Central bank policy</b>	6.63	6.31	31	2021
Central bank policy has a positive impact on the economy				
<b>2.3.06 · Foreign currency reserves</b>	107.64	209.20	24	2020
US\$ billions				
<b>2.3.07 · Foreign currency reserves per capita</b>	3,292	8,256	25	2020
US\$ per capita				
<b>2.3.08 · Exchange rate stability</b>	0.025	0.089	31	2020
Parity change from national currency to SDR, 2020 / 2018				
<b>2.3.09 · Legal and regulatory framework</b>	5.87	4.89	24	2021
The legal and regulatory framework encourages the competitiveness of enterprises				
<b>2.3.10 · Adaptability of government policy</b>	5.49	4.36	21	2021
Adaptability of government policy to changes in the economy is high				
<b>2.3.11 · Transparency</b>	4.46	4.36	32	2021
Transparency of government policy is satisfactory				
<b>2.3.12 · Bureaucracy</b>	3.44	3.31	28	2021
Bureaucracy does not hinder business activity				
<b>2.3.13 · Bribery and corruption</b>	2.87	4.43	43	2021
Bribery and corruption do not exist				
<b>2.3.14 · Rule of law</b>	73.08	71.01	36	2019
Rule of Law Index				
<b>2.3.15 · Sustainable Development Goals</b>	71.8	74.6	45	2020
Country performance on the 17 SDGs				
<b>2.3.16 · Democracy Index</b>	7.19	7.00	34	2020
EIU Overall Democracy Index, © The Economist Intelligence Unit Limited 2020				

## 2.4 · Business Legislation

	Value	Average	Rank	Year
<b>2.4.01 · Tariff barriers</b>	4.02	2.89	51	2016
Tariffs on imports: Applied weighted mean tariff rate for all products				
<b>2.4.02 · Protectionism</b>	4.57	5.55	47	2021
Protectionism of your government does not impair the conduct of your business				
<b>2.4.03 · Public sector contracts</b>	5.00	5.79	45	2021
Public sector contracts are sufficiently open to foreign bidders				
<b>2.4.04 · Foreign investors</b>	5.38	6.70	53	2021
Foreign investors are free to acquire control in domestic companies				
<b>2.4.05 · Capital markets</b>	5.94	6.38	40	2021
Capital markets (foreign and domestic) are easily accessible				
<b>2.4.06 · Investment incentives</b>	5.76	5.79	39	2021
Investment incentives are attractive to foreign investors				
<b>2.4.07 · Government subsidies</b>	1.40	1.94	27	2020
To private and public companies as a percentage of GDP				
<b>2.4.08 · Subsidies</b>	4.81	5.22	43	2021
Subsidies do not distort fair competition and economic development				
<b>2.4.09 · State ownership of enterprises</b>	4.91	5.73	47	2021
State ownership of enterprises is not a threat to business activities				
<b>2.4.10 · Competition legislation</b>	5.65	5.57	34	2021
Competition legislation is efficient in preventing unfair competition				
<b>2.4.11 · Parallel economy</b>	3.76	4.67	38	2021
Parallel (black-market, unrecorded) economy does not impair economic development				
<b>2.4.12 · New business density</b>	2.4	6.0	42	2018
Registered new businesses per 1'000 people aged 15-64				
<b>2.4.13 · Creation of firms</b>	6.75	6.43	33	2021
Creation of firms is supported by legislation				
<b>2.4.14 · Start-up days</b>	17.5	14.9	51	2019
Number of days to start a business				
<b>2.4.15 · Start-up procedures</b>	8.5	6.0	54	2019
Number of procedures to start a business				
<b>2.4.16 · Labor regulations</b>	5.58	5.24	31	2021
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				

<b>2.4.17 · Unemployment legislation</b>	5.67	4.86	21	2021
Unemployment legislation provides an incentive to look for work				
<b>2.4.18 · Immigration laws</b>	5.50	5.93	41	2021
Immigration laws do not prevent your company from employing foreign labor				
<b>2.4.19 · Redundancy costs</b>	17.2	9.5	53	2019
Number of weeks of salary				

## 2.5 · Societal Framework

	Value	Average	Rank	Year
<b>2.5.01 · Justice</b>	5.41	5.43	35	2021
Justice is fairly administered				
<b>2.5.02 · Homicide</b>	-	4.53		
Intentional homicide, rate per 100'000 population				
<b>2.5.03 · Ageing of population</b>	7.1	14.8	11	2020
Population over 65, percentage of total population				
<b>2.5.04 · Risk of political instability</b>	3.04	5.60	53	2021
The risk of political instability is very low				
<b>2.5.05 · Social cohesion</b>	5.25	5.28	33	2021
Social cohesion is high				
<b>2.5.06 · Gini coefficient</b>	41.00	35.59	49	2015
Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)				
<b>2.5.07 · Income distribution - lowest 10%</b>	2.20	2.76		2016
Percentage of household incomes going to lowest 10% of households				
<b>2.5.08 · Income distribution - highest 10%</b>	30.20	27.05		2016
Percentage of household incomes going to highest 10% of households				
<b>2.5.09 · Income distribution - lowest 40%</b>	16.40	18.77	41	2016
Percentile going to the lowest 40% of households				
<b>2.5.09 · Income share held by lowest 60% - growth</b>	-	0.00		
Percentage change of household incomes going to lowest 60% of households				
<b>2.5.10 · Income distribution - lowest 40% growth</b>	-	0.54		
Percentile going to the lowest 40% of households - growth				
<b>2.5.11 · Equal opportunity</b>	5.93	5.93	36	2021
Equal opportunity legislation in your economy encourages economic development				
<b>2.5.12 · Females in parliament</b>	14.86	28.00	58	2020
Percentage of total seats in Parliament				
<b>2.5.13 · Unemployment rate - gender ratio</b>	1.07	1.26	36	2020
Ratio of the female and male unemployment rates				
<b>2.5.14 · Gender inequality</b>	0.253	0.184	48	2019
Gender Inequality Index (UNDP)				
<b>2.5.15 · Disposable Income</b>	74.8	71.5	32	2020
Female / male ratio				
<b>2.5.16 · Freedom of the Press</b>	33.12	28.29	46	2020
Reporters Without Borders: World Press Freedom Score				

# MALAYSIA

## 3 · Business Efficiency

### 3.1 · Productivity & Efficiency

	Value	Average	Rank	Year
3.1.01 · Overall productivity (PPP)	63,017	81,620	44	2019
Estimates: GDP (PPP) per person employed, US\$				
3.1.02 · Overall productivity (PPP) - real growth	2.24	0.53	17	2019
Estimates: Percentage change of GDP (PPP) per person employed				
3.1.03 · Labor productivity (PPP)	28.68	47.29	49	2019
Estimates: GDP (PPP) per person employed per hour, US\$				
3.1.04 · Agricultural productivity (PPP)	42,651	52,322	29	2020
Estimates: Related GDP (PPP) per person employed in agriculture, US\$				
3.1.05 · Productivity in industry (PPP)	84,409	100,324	34	2020
Estimates: Related GDP (PPP) per person employed in industry, US\$				
3.1.06 · Productivity in services (PPP)	52,287	82,232	48	2020
Estimates: Related GDP (PPP) per person employed in services, US\$				
3.1.07 · Workforce productivity	6.30	6.06	30	2021
Workforce productivity is competitive by international standards				
3.1.08 · Large corporations	6.76	6.64	34	2021
Large corporations are efficient by international standards				
3.1.09 · Small and medium-size enterprises	5.99	5.99	29	2021
Small and medium-size enterprises are efficient by international standards				
3.1.10 · Use of digital tools and technologies	6.30	5.96	23	2021
Companies are very good at using digital tools and technologies to improve performance				

### 3.2 · Labor Market

	Value	Average	Rank	Year
3.2.01 · Compensation levels	4.52	13.69	19	2020
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	0.36	2.04	12	2020
Percentage change				
3.2.03 · Remuneration in services professions	13,564	27,862	20	2018
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	8,324	18,772		2018
Remuneration in services professions / Nurse	12,444	18,706		2018
Remuneration in services professions / Primary school	10,938	30,039		2018
Remuneration in services professions / Product Manager	30,650	47,954		2018
Remuneration in services professions / Sales Assistant	9,927	29,313		2018
Remuneration in services professions / Secretary / Personal	9,103	22,391		2018
3.2.04 · Remuneration of management	117,688	165,956	21	2019
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	193,322	299,663		2019
Remuneration of management / Director manufacturing	117,053	146,459		2019
Remuneration of management / Engineer	51,396	78,229		2019
Remuneration of management / Human resources director	108,981	139,473		2019
3.2.05 · Remuneration spread	21.51	17.91	42	2018
Ratio of CEO to personal assistant remuneration				

<b>3.2.06 · Working hours</b>	2,197	1,837	4	2019
Average number of working hours per year				
<b>3.2.07 · Worker motivation</b>	5.76	5.79	31	2021
Worker motivation in companies is high				
<b>3.2.08 · Industrial disputes</b>	0.00	13.05	1	2017
Working days lost per 1,000 inhabitants per year (average 2017-2019)				
<b>3.2.09 · Apprenticeships</b>	5.60	5.08	21	2021
Apprenticeships are sufficiently implemented				
<b>3.2.10 · Employee training</b>	6.31	5.97	25	2021
Employee training is a high priority in companies				
<b>3.2.11 · Labor force</b>	15.67	41.25	26	2020
Employed and registered unemployed (millions)				
<b>3.2.12 · Labor force (%)</b>	47.91	49.90	42	2020
Percentage of population				
<b>3.2.13 · Labor force growth</b>	0.55	-0.68	18	2020
Percentage change				
<b>3.2.14 · Labor force long-term growth</b>	3.22	-0.53	9	2020
Estimates: % of population, percentage change in 4 years				
<b>3.2.15 · Part-time employment</b>	2.20	13.20	56	2019
Percentage of total employment				
<b>3.2.16 · Female labor force</b>	39.02	43.18	54	2020
Percentage of total labor force				
<b>3.2.17 · Foreign labor force - migrant stock</b>	14.58	17.11	31	2020
Migrant stock, age 20-64, % of population				
<b>3.2.18 · Skilled labor</b>	6.14	5.51	25	2021
Skilled labor is readily available				
<b>3.2.19 · Finance skills</b>	6.29	6.27	33	2021
Finance skills are readily available				
<b>3.2.20 · Attracting and retaining talents</b>	6.41	6.76	40	2021
Attracting and retaining talents is a priority in companies				
<b>3.2.21 · Brain drain</b>	5.23	4.78	26	2021
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
<b>3.2.22 · Foreign highly-skilled personnel</b>	5.87	5.28	23	2021
Foreign highly-skilled personnel are attracted to your country's business environment				
<b>3.2.23 · International experience</b>	5.69	5.52	30	2021
International experience of senior managers is generally significant				
<b>3.2.24 · Competent senior managers</b>	5.89	5.51	28	2021
Competent senior managers are readily available				

### 3.3 · Finance

	Value	Average	Rank	Year
<b>3.3.01 · Banking sector assets</b>	162.66	161.34	24	2019
Percentage of GDP				
<b>3.3.02 · Financial cards in circulation</b>	2.66	3.36	25	2020
Number of cards per capita				
<b>3.3.03 · Financial card transactions</b>	4,098	10,208	46	2020
US\$ per capita				
<b>3.3.04 · Access to financial services</b>	85.34	82.18	36	2017
Proportion of adults with a bank account or mobile-money-service provider				
<b>3.3.05 · Access to financial services - gender ratio</b>	0.94	0.96	46	2017
Ratio of the female and male access to a bank account or mobile-money-service provider				
<b>3.3.06 · Banking and financial services</b>	6.51	6.09	27	2021
Banking and financial services do support business activities efficiently				
<b>3.3.07 · Regulatory compliance (banking laws)</b>	6.67	6.77	36	2021
Regulatory compliance is sufficiently developed				
<b>3.3.08 · Stock markets</b>	6.10	5.62	27	2021
Stock markets provide adequate financing to companies				
<b>3.3.09 · Stock market capitalization (\$bn)</b>	417.6	1,276.4	25	2020
US\$ billions				
<b>3.3.10 · Stock market capitalization (%)</b>	124.03	101.96	13	2020
Percentage of GDP				



3.3.11 · Value traded on stock markets	3,342	15,149	31	2019
US\$ per capita				
3.3.12 · Listed domestic companies	919	713	12	2019
Number of listed domestic companies				
3.3.13 · Stock market index	-7.30	-3.62	40	2020
Percentage change on index in national currency				
3.3.14 · Shareholders' rights	6.79	6.70	31	2021
Shareholders' rights are sufficiently implemented				
3.3.15 · Initial Public Offerings	457.6	3,591.6	34	2020
By acquiror nation (average 2018-2020) US\$ millions				
3.3.16 · Credit	6.17	5.95	34	2021
Credit is easily available for business				
3.3.17 · Venture capital	5.54	5.13	28	2021
Venture capital is easily available for business				
3.3.18 · M&A Activity	0.361	1.329	43	2019
Deals per listed company (average 2017-2019)				
3.3.19 · Corporate debt	5.71	5.83	33	2021
Corporate debt does not restrain the ability of enterprises to compete				

### 3.4 · Management Practices

	Value	Average	Rank	Year
3.4.01 · Agility of companies	6.11	5.99	28	2021
Companies are agile				
3.4.02 · Changing market conditions	6.84	6.68	32	2021
Companies are generally extremely aware of changing market conditions				
3.4.03 · Opportunities and threats	6.58	6.23	23	2021
Companies are very good at responding quickly to opportunities and threats				
3.4.04 · Credibility of managers	6.37	5.96	29	2021
Credibility of managers in society is strong				
3.4.05 · Corporate boards	6.42	6.03	26	2021
Corporate boards do supervise the management of companies effectively				
3.4.06 · Auditing and accounting practices	7.39	7.15	27	2021
Auditing and accounting practices are adequately implemented in business				
3.4.07 · Use of big data and analytics	5.48	5.10	22	2021
Companies are very good at using big data and analytics to support decision-making				
3.4.08 · Customer satisfaction	6.99	6.91	27	2021
Customer satisfaction is emphasized in companies				
3.4.09 · Entrepreneurship	6.44	5.95	18	2021
Entrepreneurship of managers is widespread in business				
3.4.10 · Social responsibility	6.37	5.84	23	2021
Social responsibility of business leaders is high				
3.4.11 · Women in management	20.41	31.42	50	2016
Female share of senior and middle management (% of management)				
3.4.12 · Women on boards	28.10	21.73	19	2020
Boardmembers of all companies analyzed by MSCI				
3.4.13 · Entrepreneurial fear of failure	44.95	40.12	37	2017
% indicating that fear of failure would prevent them from setting up a business				
3.4.14 · Total early-stage Entrepreneurial Activity	21.60	12.48	6	2017
% who are either a nascent entrepreneur or owner-manager of a new business				

### 3.5 · Attitudes and Values

	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization	6.84	6.32	18	2021
Attitudes toward globalization are generally positive in your society				
3.5.02 · Image abroad or branding	6.50	6.18	34	2021
The image abroad of your country encourages business development				
3.5.03 · National culture	6.80	6.69	35	2021
The national culture is open to foreign ideas				
3.5.04 · Flexibility and adaptability	7.06	6.61	23	2021
Flexibility and adaptability of people are high when faced with new challenges				
3.5.05 · Need for economic and social reforms	6.52	5.77	22	2021
The need for economic and social reforms is generally well understood				

3.5.06 · Digital transformation in companies	6.43	5.75	22	2021
Digital transformation in companies is generally well implemented				
3.5.07 · Value system	6.47	6.11	29	2021
The value system in your society supports competitiveness				

# MALAYSIA

## 4 · Infrastructure

### 4.1 · Basic Infrastructure

	Value	Average	Rank	Year
4.1.01 · Land area	330	1,462	30	2020
Square kilometers ('000)				
4.1.02 · Arable area	2,557	2,951	25	2018
Square meters per capita				
4.1.03 · Water resources	18,341	18,657	13	2017
Total internal renewable per capita in cubic meters				
4.1.04 · Access to water	7.83	7.94	40	2021
Access to water is adequately ensured and managed				
4.1.05 · Management of cities	7.20	6.52	23	2021
Management of cities supports business development				
4.1.06 · Population - market size	32.70	82.75	26	2020
Estimates in millions				
4.1.07 · Population - growth	0.62	0.55	25	2020
Percentage change				
4.1.08 · Dependent Population	30.5	33.5		2020
Percentage of total population				
Population over 65 years	7.1	14.8		2020
Population under 15 years	23.4	18.8		2020
4.1.09 · Dependency ratio	43.9	51.1	12	2020
Population under 15 and over 64 years old, divided by active population (15 to 64 years)				
4.1.10 · Roads	1.16	1.26	25	2018
Density of the network, km roads/square km land area				
4.1.11 · Railroads	0.008	0.051	46	2019
Density of the network, km per square km				
4.1.12 · Air transportation	63,623	67,271	21	2019
Number of passengers carried by main companies, thousands				
4.1.13 · Quality of air transportation	7.58	7.10	32	2021
Quality of air transportation encourages business development				
4.1.14 · Distribution infrastructure	7.49	7.21	32	2021
The distribution infrastructure of goods and services is generally efficient				
4.1.15 · Energy infrastructure	7.72	7.11	28	2021
Energy infrastructure is adequate and efficient				
4.1.16 · Total indigenous energy production	98.20	185.53	21	2018
Millions MTOE				
4.1.17 · Total indigenous energy production (%)	105.1	105.8	14	2018
Percentage of total requirements in tons of oil equivalent				
4.1.18 · Total final energy consumption	60.59	125.76	41	2017
Millions MTOE				
4.1.19 · Total final energy consumption per capita	1.89	2.44	28	2017
MTOE per capita				
4.1.20 · Electricity costs for industrial clients	0.075	0.103	14	2020
US\$ per kwh				

### 4.2 · Technological Infrastructure

	Value	Average	Rank	Year
4.2.01 · Investment in Telecommunications	0.45	0.45	26	2020
Percentage of GDP				
4.2.02 · Mobile Broadband subscribers	70.2	63.4	29	2019
4G & 5G market, % of mobile market				
4.2.03 · Mobile Telephone costs	9.6	15.3	24	2019
Monthly Blended Average Revenue per User				

<b>4.2.04 · Communications technology</b>	7.43	7.65	43	2021
Communications technology (voice and data) meets business requirements				
<b>4.2.05 · Computers in use</b>	0.65	1.36	23	2018
Worldwide share/ Source: Computer Industry Almanac				
<b>4.2.06 · Computers per capita</b>	513	719	44	2018
Number of computers per 1000 people/ Source: Computer Industry Almanac				
<b>4.2.07 · Internet users</b>	802	793	41	2020
Number of internet users per 1000 people				
<b>4.2.08 · Broadband subscribers</b>	163	374	54	2019
Number of subscriptions per 1000 inhabitants				
<b>4.2.09 · Internet bandwidth speed</b>	50.7	56.5	35	2020
Average speed				
<b>4.2.10 · Digital/Technological skills</b>	7.19	6.88	28	2021
Digital/Technological skills are readily available				
<b>4.2.11 · Qualified engineers</b>	7.11	6.55	25	2021
Qualified engineers are available in your labor market				
<b>4.2.12 · Public-private partnerships</b>	6.91	5.95	17	2021
Public and private sector ventures are supporting technological development				
<b>4.2.13 · Development &amp; application of tech.</b>	6.84	6.35	23	2021
Development and application of technology are supported by the legal environment				
<b>4.2.14 · Funding for technological development</b>	6.27	5.84	28	2021
Funding for technological development is readily available				
<b>4.2.15 · High-tech exports (\$)</b>	86,555	46,556	11	2019
US\$ millions				
<b>4.2.16 · High-tech exports (%)</b>	51.85	17.16	4	2019
Percentage of manufactured exports				
<b>4.2.17 · ICT service exports</b>	7.2	9.3	29	2017
Percentage of service exports				
<b>4.2.18 · Cyber security</b>	6.26	5.77	27	2021
Cyber security is being adequately addressed by corporations				

### 4.3 · Scientific Infrastructure

	Value	Average	Rank	Year
<b>4.3.01 · Total expenditure on R&amp;D (\$)</b>	3,636	29,862	32	2019
US\$ millions				
<b>4.3.02 · Total expenditure on R&amp;D (%)</b>	1.00	1.53	40	2019
Percentage of GDP				
<b>4.3.03 · Total expenditure on R&amp;D per capita (\$)</b>	111.9	619.4	43	2019
US\$ per capita				
<b>4.3.04 · Business expenditure on R&amp;D (\$)</b>	1,597	22,065	35	2019
US\$ millions				
<b>4.3.05 · Business expenditure on R&amp;D (%)</b>	0.44	1.02	42	2019
Percentage of GDP				
<b>4.3.06 · Total R&amp;D personnel</b>	83.8	221.6	20	2019
Full-time work equivalent (FTE thousands)				
<b>4.3.07 · Total R&amp;D personnel per capita</b>	2.58	5.01	39	2019
Full-time work equivalent (FTE) per 1000 people				
<b>4.3.08 · Total R&amp;D personnel in business enterprise</b>	15.6	174.4	36	2019
Full-time work equivalent (FTE thousands)				
<b>4.3.09 · Total R&amp;D personnel in business per capita</b>	0.48	3.14	48	2019
Full-time work equivalent (FTE) per 1000 people				
<b>4.3.10 · Researchers in R&amp;D per capita</b>	2.1	3.3	37	2018
Full-time work equivalent (FTE) per 1000 people				
<b>4.3.11 · Graduates in Sciences</b>	40.77	24.82	1	2018
% of graduates in ICT, Engineering, Math & Natural Sciences				
<b>4.3.11 · Science degrees</b>	-	0.00		
Percentage of total first university degrees in science and engineering				
<b>4.3.12 · Scientific articles</b>	23,661	38,476	20	2018
Scientific articles published by origin of author				
<b>4.3.13 · Nobel prizes</b>	0	9	29	2020
Awarded in physics, chemistry, physiology or medicine and economics since 1950				

4.3.14 · Nobel prizes per capita	0.00	0.19	29	2020
Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people				
4.3.15 · Patent applications	2,122	51,785	38	2019
Number of applications filed by applicant's origin				
4.3.16 · Patent applications per capita	6.53	79.88	46	2019
Number of applications filed by applicant's origin, per 100,000 inhabitants				
4.3.17 · Patent grants	1,032	23,979	37	2019
Number of patents granted by applicant's origin (average 2017-2019)				
4.3.18 · Number of patents in force	23.6	459.6	42	2019
by applicant's origin, per 100,000 inhabitants				
4.3.19 · Medium- and high-tech value added	44.01	37.97	23	2018
Proportion of total manufacturing value added, expressed as a percentage				
4.3.20 · Scientific research legislation	6.26	5.84	26	2021
Laws relating to scientific research do encourage innovation				
4.3.21 · Intellectual property rights	6.55	6.45	28	2021
Intellectual property rights are adequately enforced				
4.3.22 · Knowledge transfer	5.54	5.36	26	2021
Knowledge transfer is highly developed between companies and universities				

#### 4.4 · Health and Environment

	Value	Average	Rank	Year
4.4.01 · Total health expenditure	3.8	7.4	59	2018
Percentage of GDP				
4.4.02 · Total health expenditure per capita	416	2,591	53	2018
US\$ per capita				
4.4.03 · Public expenditure on health (%)	51.18	64.56	51	2018
Percentage of total health expenditure				
4.4.04 · Health infrastructure	7.43	5.98	22	2021
Health infrastructure meets the needs of society				
4.4.05 · Universal health care coverage index	73	77	49	2017
Index (0-100) measuring coverage of essential health services				
4.4.06 · Life expectancy at birth	76.2	78.5	46	2019
Average estimate				
4.4.07 · Healthy life expectancy	67.6	69.6	44	2020
Average estimate				
4.4.08 · Infant mortality	8.6	8.1	48	2019
Under five mortality rate per 1000 live births				
4.4.09 · Medical assistance			55	2020
Number of inhabitants per physician and per nurse				
Medical assistance / Per nurse	576.63	301.56		2020
Medical assistance / Per physician	635.27	568.09		2020
4.4.10 · Urban population	78	77		2020
Percentage of total population				
4.4.11 · Human development index	0.810	0.861	49	2019
Combines economic - social - educational indicators/ Source: Human Development Report				
4.4.12 · Energy intensity	190	119	55	2017
Total energy consumed for each 1000 US\$ of GDP in MTOE				
4.4.13 · Safely treated waste water	71.5	71.7	35	2018
Percentage of waste water				
4.4.14 · Water use efficiency	58.39	86.77	26	2018
US\$ per cubic meter				
4.4.15 · CO2 emissions	228.0	455.9	42	2018
Metric tons of carbon dioxide from fuel combustion				
4.4.16 · CO2 emissions intensity	635.6	372.1	56	2018
CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP				
4.4.17 · Exposure to particle pollution	16.55	19.63	34	2019
Mean population exposure to PM2.5, Micrograms per cubic metre				
4.4.18 · Renewable energies (%)	3.4	16.0	54	2017
Share of renewables in total energy requirements, %				

4.4.19 · Forest area growth	-0.2	0.4	48	2018
Five year percentage change of hectares				
4.4.20 · Total biocapacity	2.29	3.44	32	2017
Global hectares per capita of biologically productive space				
4.4.21 · Ecological footprint	3.9	4.9	22	2017
Global hectares per person				
4.4.22 · Ecological balance (reserve/deficit)	-1.62	-1.45	29	2017
Total biocapacity minus total footprint in global hectares per capita				
4.4.23 · Environment-related technologies	0.06	1.56	37	2018
Development of environment-related technologies, % inventions worldwide				
4.4.24 · Environmental agreements	91.67	82.69	17	2015
Multilateral agreements on hazardous waste, proportion fulfilled				
4.4.25 · Sustainable development	6.91	6.10	19	2021
Sustainable development is a priority in companies				
4.4.26 · Pollution problems	4.99	5.71	46	2021
Pollution problems do not seriously affect your economy				
4.4.27 · Environmental laws	6.39	6.21	23	2021
Environmental laws and compliance do not hinder the competitiveness of businesses				
4.4.28 · Quality of life	6.59	6.67	37	2021
Quality of life is high				

## 4.5 · Education

	Value	Average	Rank	Year
4.5.01 · Total public expenditure on education	4.2	4.7	40	2019
Percentage of GDP				
4.5.02 · Total public expenditure on education per capita	477	1,502	46	2019
US\$ per capita				
4.5.03 · Total public exp. on education per student	3,188	6,873	42	2018
Spending per enrolled pupil/student, all levels				
4.5.04 · Pupil-teacher ratio (primary education)	11.70	16.30	12	2018
Ratio of students to teaching staff				
4.5.05 · Pupil-teacher ratio (secondary education)	11.30	13.64	22	2018
Ratio of students to teaching staff				
4.5.06 · Secondary school enrollment	90.5	92.5	47	2018
Percentage of relevant age group receiving full-time education				
4.5.07 · Higher education achievement	36.4	43.5	41	2019
Percentage of population that has attained at least tertiary education for persons 25-34				
4.5.08 · Women with degrees	57.9	40.1	4	2019
Share of women who have a degree in the population 25-65				
4.5.09 · Student mobility inbound	3.15	3.68	27	2017
Foreign tertiary-level students per 1000 inhabitants				
4.5.10 · Student mobility outbound	1.91	2.55	25	2018
National tertiary-level students studying abroad per 1000 inhabitants				
4.5.11 · Educational assessment - PISA	431	471	44	2018
PISA survey of 15-year olds				
Educational assessment - PISA / Mathematics	440	472		2018
Educational assessment - PISA / Reading	415	468		2018
Educational assessment - PISA / Sciences	438	472		2018
4.5.12 · Students who are not low achievers - PISA	44.9	58.6	42	2018
% of students who are not low achievers in maths, sciences and reading				
4.5.13 · English proficiency - TOEFL	91	89	27	2019
TOEFL scores				
4.5.14 · Primary and secondary education	6.11	6.01	34	2021
Primary and secondary education meets the needs of a competitive economy				
4.5.15 · University education	6.33	6.30	33	2021
University education meets the needs of a competitive economy				
4.5.16 · Management education	6.49	6.32	31	2021
Management education meets the needs of the business community				



4.5.17 · University education index	7.10	15.03	36	2020
Country score calculated from Times Higher Education university ranking				
4.5.18 · Illiteracy	5.1	2.6	55	2018
Adult (over 15 years) illiteracy rate as a percentage of population				
4.5.19 · Language skills	6.66	6.28	28	2021
Language skills are meeting the needs of enterprises				

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## About the Institute for Management Development (IMD)

The Institute for Management Development (IMD) is an independent academic institution with Swiss roots and global reach, founded 75 years ago by business leaders for business leaders. Since its creation, IMD has been a pioneering force in developing leaders who transform organizations and contribute to society.

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Based in Lausanne (Switzerland) and Singapore, IMD has been ranked in the Top 3 of the annual FT's Executive Education Global Ranking for the last nine consecutive years and in the top five for 17 consecutive years. Our MBA and EMBA programs have repeatedly been singled out among the best in Europe and the world.

We believe that this consistency at the forefront of our industry is grounded in IMD's unique approach to creating "Real Learning. Real Impact". Led by an expert and diverse faculty, we strive to be the trusted learning partner of choice for ambitious individuals and organizations worldwide. Challenging what is and inspiring what could be.

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