



IMD World Competitiveness Yearbook 2022

COUNTRY
PROFILE

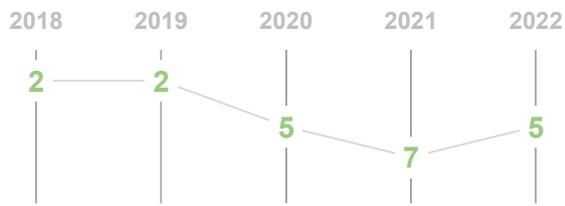
HONG KONG, SAR



Hong Kong SAR

Competitiveness Trends – Overall

OVERALL PERFORMANCE (63 countries)



CHALLENGES IN 2022

- To control the epidemic, and support and revive the economy.
- To navigate through the external challenges arising from slower global economic recovery, monetary policy normalisation by major central banks and mounting geopolitical uncertainties.
- To seize the opportunities brought by the Mainland's economic development.
- To further promote innovation and technology.
- To address the growth constraints of land and manpower.

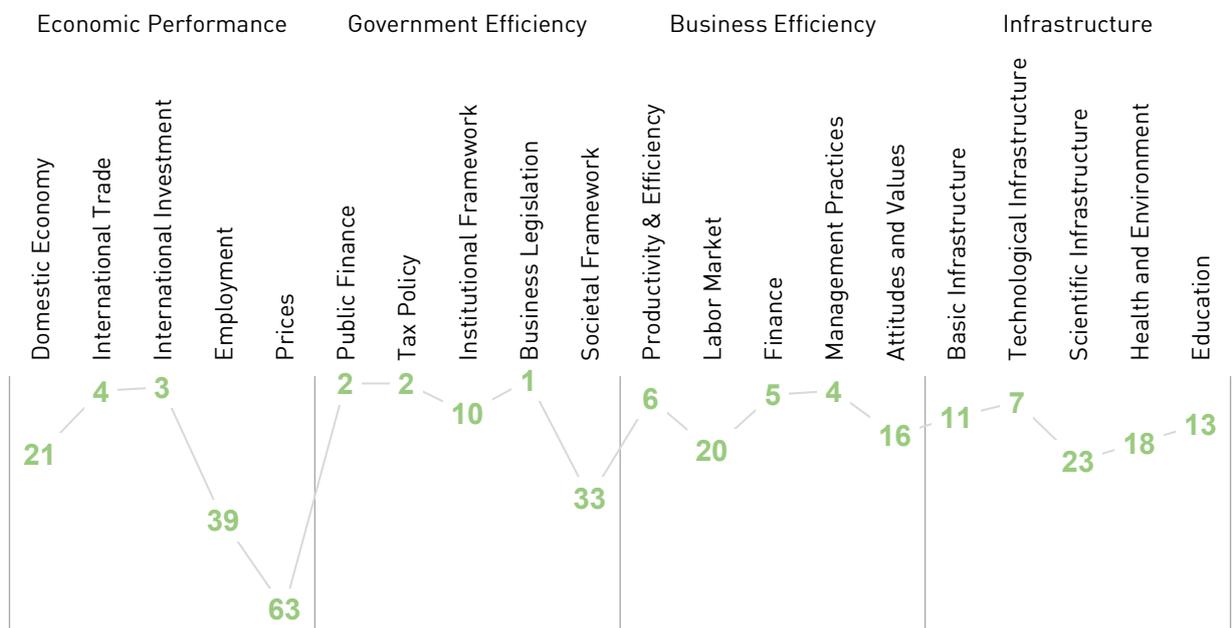
BASIC FACTS

Rank

	Hong Kong	Rank
Capital		
Land area (square km '000)	1	2021
Exchange Rate (per \$)	7.773	2021
Population - market size (millions)	7.41	2021 43
Gross Domestic Product (GDP) (US\$ billions)	368.1	2021 36
GDP (PPP) per capita (US\$)	65,974	2021 09
Real GDP growth (%)	6.4	2021 22
Consumer price inflation (%)	1.57	2021 12
Unemployment rate (%)	5.20	2021 26
Labor force (millions)	3.87	2021 42
Current account balance (% of GDP)	11.23	2021 08
Direct investment stocks inward (\$bn)	1,884.9	2020 05
Direct investment flows inward (% of GDP)	34.06	2020 03

PROVIDED BY: Hong Kong Trade Development Council

COMPETITIVENESS LANDSCAPE

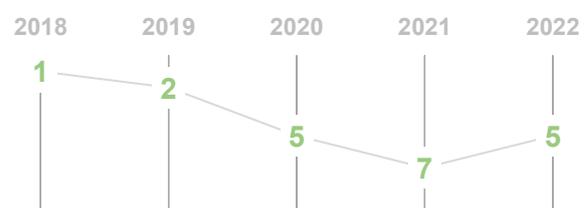


PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)



POPULATIONS < 20 MILLION (36 countries)



Hong Kong SAR

Competitiveness Evolution & Attractiveness Indicators

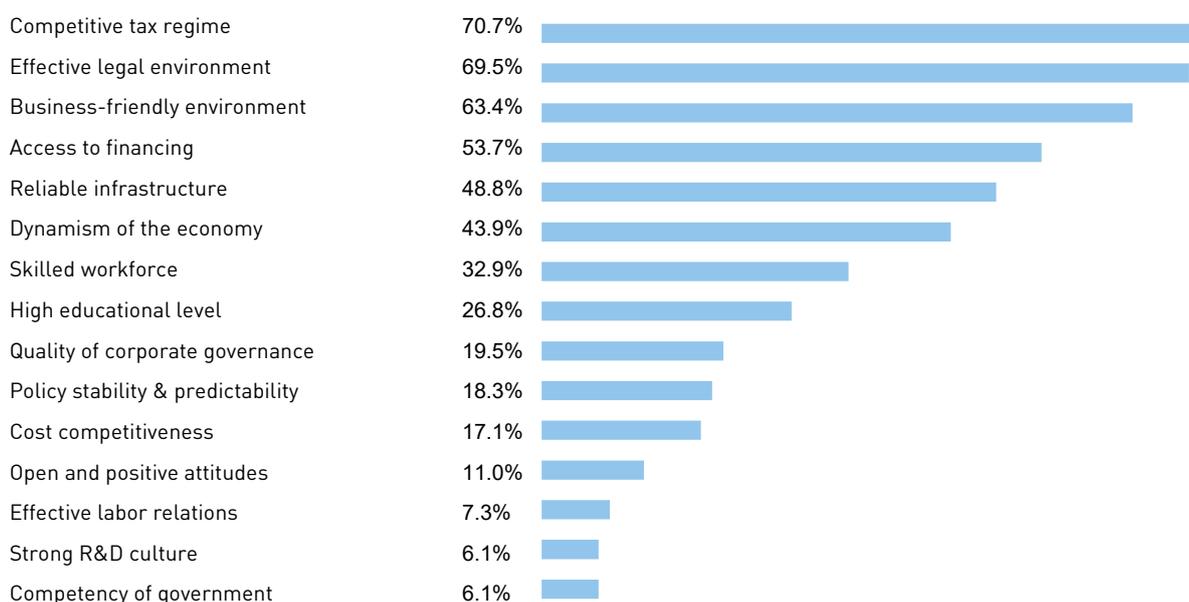
COMPETITIVENESS EVOLUTION

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

	WCY 2021	WCY 2022		WCY 2021	WCY 2022
IMPROVEMENTS			DECLINES		
4.4.13 Safely treated waste water	14.2	85.7	2.1.04 Total general government debt (%)	0.29	2.18
1.1.15 Real GDP growth per capita	-5.83	7.39	1.5.01 Consumer price inflation	0.33	1.57
1.1.14 Real GDP growth	-6.1	6.4	2.4.07 Government subsidies	0.05	0.23
1.1.18 Gross fixed capital formation - real growth	-11.55	10.06	4.1.07 Population - growth	-0.33	-0.91
2.1.02 Government budget surplus/deficit (%)	-9.50	0.66	1.2.25 Tourism receipts	7.94	0.84
1.2.02 Current account balance	6.61	11.23	1.4.08 Long-term unemployment	0.70	1.20
2.5.02 Homicide	0.65	0.29	1.4.10 Youth exclusion	5.6	9.1
1.5.04 Office rent	2,702	1,940	2.2.02 Collected personal income tax	1.93	3.04
1.2.08 Exports of goods (\$bn)	548.77	669.90	4.4.04 Health infrastructure	7.79	6.22
1.2.12 Exports of commercial services (\$bn)	63.73	76.33	3.2.22 Foreign highly-skilled personnel	6.62	5.38
3.2.14 Labor force - long-term growth	-2.74	-2.20	3.2.21 Brain drain	5.63	4.64
4.4.12 Energy intensity	27	22	2.4.12 New business density	28.6	23.7
1.4.09 Youth unemployment	15.50	12.80	3.2.18 Skilled labor	6.89	5.80
2.5.04 Risk of political instability	5.38	6.29	3.3.10 Stock market capitalization (%)	1,753.16	1,480.99
1.2.09 Exports of goods (%)	157.04	181.97	2.2.01 Collected total tax revenues	12.33	14.06

KEY ATTRACTIVENESS INDICATORS

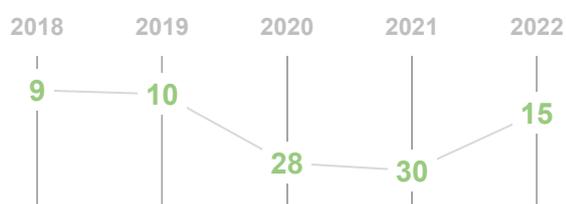
From a list of 15 indicators, respondents of the Executive Opinion Survey were asked to select 5 that they perceived as the key attractiveness factors of their economy. The chart shows the percentage of responses per indicator from the highest number of responses to the lowest.



Hong Kong SAR

Competitiveness Trends – Factor Breakdown

ECONOMIC PERFORMANCE



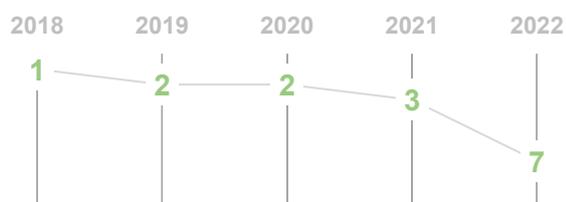
SUB-FACTOR RANKINGS :	2021	2022
Domestic Economy	32	21
International Trade	02	04
International Investment	07	03
Employment	40	39
Prices	63	63

GOVERNMENT EFFICIENCY



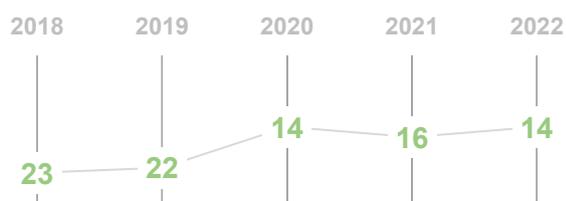
SUB-FACTOR RANKINGS :	2021	2022
Public Finance	09	02
Tax Policy	02	02
Institutional Framework	11	10
Business Legislation	01	01
Societal Framework	34	33

BUSINESS EFFICIENCY



SUB-FACTOR RANKINGS :	2021	2022
Productivity & Efficiency	09	06
Labor Market	08	20
Finance	03	05
Management Practices	02	04
Attitudes and Values	08	16

INFRASTRUCTURE



SUB-FACTOR RANKINGS :	2021	2022
Basic Infrastructure	07	11
Technological Infrastructure	07	07
Scientific Infrastructure	23	23
Health and Environment	21	18
Education	08	13

Hong Kong SAR

Balance Sheet – Factor Breakdown

ECONOMIC PERFORMANCE

STRENGTHS		Rank	WEAKNESSES		Rank
1.2.23	Trade to GDP ratio	01	1.5.04	Office rent	61
1.2.09	Exports of goods (%)	01	1.5.02	Cost-of-living index	60
1.3.08	Direct investment stocks inward (% of GDP)	03	1.2.17	Export concentration by partner	58
1.3.04	Direct investment stocks abroad (% of GDP)	03	1.3.13	Relocation threats of business	56
1.3.06	Direct investment flows inward (% of GDP)	03	1.2.18	Export concentration by product	55
1.3.02	Direct investment flows abroad (% of GDP)	03	1.1.09	Gross fixed capital formation (%)	55
1.3.05	Direct investment flows inward (\$bn)	04	1.4.04	Employment - long-term growth	52
1.3.07	Direct investment stocks inward (\$bn)	05	1.5.06	Gasoline prices	51
1.2.08	Exports of goods (\$bn)	06	1.2.25	Tourism receipts	36
1.3.01	Direct investment flows abroad (\$bn)	07			-

GOVERNMENT EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
2.2.08	Consumption tax rate	01	2.5.09	Income distribution - lowest 40%	54
2.4.01	Tariff barriers	01	2.3.16	Democracy Index	53
2.2.11	Real personal taxes	01	2.3.03	Interest rate spread	52
2.1.04	Total general government debt (%)	01	2.5.05	Social cohesion	48
2.2.09	Employer social security tax rate	01	2.5.06	Gini coefficient	47
2.2.10	Employee social security tax rate	01	2.5.16	Freedom of the Press	42
2.5.13	Unemployment rate - gender ratio	01			-
2.4.12	New business density	02			-
2.4.14	Start-up days	02			-
2.3.09	Legal and regulatory framework	02			-

BUSINESS EFFICIENCY

STRENGTHS		Rank	WEAKNESSES		Rank
3.3.10	Stock market capitalization (%)	01	3.2.04	Remuneration of management	57
3.4.02	Changing market conditions	01	3.2.14	Labor force - long-term growth	46
3.3.01	Banking sector assets	02	3.2.03	Remuneration in services professions	38
3.4.03	Opportunities and threats	02	3.2.21	Brain drain	35
3.2.16	Female labor force	02	3.2.20	Attracting and retaining talents	34
3.4.04	Credibility of managers	03	3.2.22	Foreign highly-skilled personnel	33
3.4.01	Agility of companies	04			-
3.3.08	Stock markets	04			-
3.1.08	Large corporations	05			-
3.4.05	Corporate boards	05			-

INFRASTRUCTURE

STRENGTHS		Rank	WEAKNESSES		Rank
4.2.15	High-tech exports (%)	01	4.4.18	Renewable energies (%)	60
4.3.11	Graduates in Sciences	01	4.1.07	Population - growth	59
4.4.12	Energy intensity	01	4.2.03	Mobile Telephone costs	57
4.4.06	Life expectancy at birth	01	4.2.16	ICT service exports	55
4.4.14	Water use efficiency	04	4.1.20	Electricity costs for industrial clients	49
4.5.12	Students who are not low achievers - PISA	04	4.3.05	Business expenditure on R&D (%)	43
4.4.11	Human development index	04	4.3.02	Total expenditure on R&D (%)	41
4.1.15	Energy infrastructure	04	4.2.01	Investment in Telecommunications	40
4.5.06	Secondary school enrollment	05	4.4.17	Exposure to particle pollution	39
4.2.08	Internet bandwidth speed	07	4.4.01	Total health expenditure	37

HONG KONG SAR

Extended Country Profile

1 · Economic Performance

1.1 · Domestic Economy

Value Average Rank Year

1.1.00 · Exchange Rate National currency per US\$ (average)	7.773	21,532.090		2021
1.1.01 · Gross Domestic Product (GDP) US\$ billions	368.1	1,394.4	36	2021
1.1.02 · GDP (PPP) Estimates ; US\$ billions at purchasing power parity	489.1	1,981.9	37	2021
1.1.03 · World GDP contribution Percentage share of world GDP in market prices	0.38	1.44	36	2021
1.1.04 · Household consumption expenditure (\$bn) US\$ billions	239.8	735.2	28	2021
1.1.05 · Household consumption expenditure (%) Percentage of GDP	65.1	53.4	7	2021
1.1.06 · Government consumption expenditure (\$bn) US\$ billions	46.2	232.9	41	2021
1.1.07 · Government consumption expenditure (%) Percentage of GDP	12.5	18.3	55	2021
1.1.08 · Gross fixed capital formation (\$bn) US\$ billions	64.5	351.9	40	2021
1.1.09 · Gross fixed capital formation (%) Percentage of GDP	17.5	22.7	55	2021
1.1.10 · Gross domestic savings (\$bn) US\$ billions	82.2	379.1	37	2021
1.1.11 · Gross domestic savings (%) Percentage of GDP	22.3	28.3	45	2021
1.1.12 · Economic sectors Breakdown of the economic sectors, percentage of GDP				2020
Economic sectors / Agriculture	0.1	3.7		2020
Economic sectors / Industry	6.4	29.1		2020
Economic sectors / Services	93.5	67.0		2020
1.1.13 · Economic complexity index Measures knowledge intensity, by considering exports	1.02	0.86	28	2019
1.1.14 · Real GDP growth Percentage change, based on national currency in constant prices	6.4	5.6	22	2021
1.1.15 · Real GDP growth per capita Percentage change, based on national currency in constant prices	7.39	5.35	16	2021
1.1.16 · Household consumption expenditure - real growth Percentage change, based on constant prices	5.62	4.78	29	2021
1.1.17 · Government consumption expenditure - real growth Percentage change, based on constant prices	4.63	4.01	23	2021
1.1.18 · Gross fixed capital formation - real growth Percentage change, based on constant prices	10.06	6.32	20	2021
1.1.19 · Resilience of the economy Resilience of the economy to economic cycles is strong	7.01	5.88	15	2022
1.1.20 · GDP per capita US\$ per capita	49,661	34,279	19	2021
1.1.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity	65,974	44,580	9	2021
1.1.22 · Forecast: Real GDP growth Percentage change, based on national currency in constant prices	2.8	3.7	44	2022
1.1.23 · Forecast: Inflation Percentage change	2.1	38.4	7	2022
1.1.24 · Forecast: Unemployment Percentage of total labor force	5.7	6.3	31	2022
1.1.25 · Forecast: Current account balance Percentage of GDP	10.9	1.7	7	2022

1.2 · International Trade

Value Average Rank Year

1.2.01 · Current account balance (\$bn) US\$ billions (minus sign = deficit)	41.4	10.4	16	2021
1.2.02 · Current account balance Percentage of GDP	11.23	1.64	8	2021
1.2.03 · Balance of trade (\$bn) US\$ billions (minus sign = deficit)	-42.5	-2.5	57	2021
1.2.04 · Balance of trade (%) Percentage of GDP	-11.53	0.27	58	2021
1.2.05 · Balance of commercial services (\$bn) US\$ billions (minus sign = deficit)	14.73	8.39	11	2021
1.2.06 · Balance of commercial services (%) Percentage of GDP	4.00	1.84	15	2021
1.2.07 · World exports contribution Percentage share of world exports (goods and commercial services)	2.64	1.45	9	2021
1.2.08 · Exports of goods (\$bn) US\$ billions	669.90	321.20	6	2021
1.2.09 · Exports of goods (%) Percentage of GDP	181.97	41.98	1	2021
1.2.10 · Exports of goods per capita US\$ per capita	90,369	15,049	1	2021
1.2.11 · Exports of goods - growth Percentage change, based on US\$ values	22.07	27.30	41	2021
1.2.12 · Exports of commercial services (\$bn) US\$ billions	76.33	88.34	21	2021
1.2.13 · Exports of commercial services (%) Percentage of GDP	20.73	15.10	12	2021
1.2.14 · Exports of commercial services - growth Percentage change, based on US\$ values	14.22	17.14	34	2021
1.2.15 · Exports of goods & commercial services US\$ billions	746.24	408.43	9	2021
1.2.16 · Exports breakdown by economic sector Percentage of total exports				2020
Exports breakdown by economic sector / Agriculture	1.4	11.3		2020
Exports breakdown by economic sector / Industry	87.7	64.4		2020
Exports breakdown by economic sector / Services	10.9	24.3		2020
1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports	71.1	55.0	58	2020
1.2.18 · Export concentration by product Top 5 products, percentage of total exports	74.0	57.6	55	2020
1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions	774.0	402.5	56	2021
1.2.20 · Imports of goods & commercial services (%) Percentage of GDP	210.2	54.7	63	2021
1.2.21 · Imports of goods & commerc. services growth Percentage change, based on US\$ values	23.91	24.33	29	2021
1.2.22 · Imports breakdown by economic sector Percentage of total imports				2020
Imports breakdown by economic sector / Agriculture	4.0	9.0		2020
Imports breakdown by economic sector / Industry	87.2	67.7		2020
Imports breakdown by economic sector / Services	8.8	23.3		2020
1.2.23 · Trade to GDP ratio (Exports + Imports) / GDP	359.61	102.61	1	2020
1.2.24 · Terms of trade index Unit value of exports over unit value of imports	100.7	99.4	27	2020
1.2.25 · Tourism receipts International tourism receipts as a percentage of GDP	0.84	1.54	36	2020

1.3 · International Investment

Value Average Rank Year

1.3.01 · Direct investment flows abroad (\$bn) US\$ billions	83.42	14.96	7	2020
1.3.02 · Direct investment flows abroad (% of GDP) Percentage of GDP	24.19	4.62	3	2020
1.3.03 · Direct investment stocks abroad (\$bn) US\$ billions	1,953.9	612.1	8	2020
1.3.04 · Direct investment stocks abroad (% of GDP) Percentage of GDP	566.55	109.57	3	2020
1.3.05 · Direct investment flows inward (\$bn) US\$ billions	117.45	16.61	4	2020
1.3.06 · Direct investment flows inward (% of GDP) Percentage of GDP	34.06	4.86	3	2020
1.3.07 · Direct investment stocks inward (\$bn) US\$ billions	1,884.9	613.9	5	2020
1.3.08 · Direct investment stocks inward (% of GDP) Percentage of GDP	546.53	122.21	3	2020
1.3.09 · Balance of direct investment flows (\$bn) US\$ billions (flows abroad minus flows inward)	-34.03	-1.64	56	2020
1.3.10 · Balance of direct investment flows (%) Percentage of GDP (flows abroad minus flows inward)	-9.87	-0.24	58	2020
1.3.11 · Net position in direct investment stocks (\$bn) US\$ billions (stocks abroad minus stocks inward)	69.0	-1.8	15	2020
1.3.12 · Net position in direct investment stocks (%) Percentage of GDP (stocks abroad minus stocks inward)	20.02	-12.64	12	2020
1.3.13 · Relocation threats of business Relocation of business is not a threat to the future of your economy	4.62	5.36	56	2022
1.3.14 · Portfolio investment assets US\$ billions	51.27	38.51	16	2020
1.3.15 · Portfolio investment liabilities US\$ billions	-16.87	34.92	60	2020

1.4 · Employment

Value Average Rank Year

1.4.01 · Employment Total employment in millions	3.65	38.16	42	2021
1.4.02 · Employment (%) Percentage of population	49.22	47.14	21	2021
1.4.03 · Employment - growth Estimates: percentage change	-0.35	1.54	45	2021
1.4.04 · Employment - long-term growth Estimates: five year percentage change	-5.01	-0.41	52	2021
1.4.05 · Employment by sector Percentage of total employment				2019
Employment by sector / Agriculture	0.1	7.7		2019
Employment by sector / Industry	11.3	23.5		2019
Employment by sector / Services	88.6	68.8		2019
1.4.06 · Employment in the public sector Percentage of total employment	8.20	17.83	7	2020
1.4.07 · Unemployment rate Percentage of labor force	5.20	8.00	26	2021
1.4.08 · Long-term unemployment Percentage of labor force	1.20	2.81	24	2021
1.4.09 · Youth unemployment Percentage of youth labor force (under the age of 25)	12.80	17.13	25	2021
1.4.10 · Youth exclusion Share of youth population (15-24) not in education, employment or training	9.1	14.6	19	2020

1.5 · Prices

Value Average Rank Year

1.5.01 · Consumer price inflation	1.57	29.25	12	2021
Average annual rate				
1.5.02 · Cost-of-living index	126.30	78.37	60	2021
Index of a basket of goods & services in the main city, including housing (New York City = 100)				
1.5.03 · Apartment rent	5,971	1,530	59	2018
3-room apartment monthly rent in major cities, US\$				
1.5.04 · Office rent	1,940	656	61	2021
Total occupation cost in the main city (US\$/Sq.M. per year)				
1.5.05 · Food costs	14.60	17.58	24	2021
Percentage of household final consumption expenditures				
1.5.06 · Gasoline prices	1.70	1.26	51	2021
Premium unleaded gasoline (95 Ron) US\$ per litre				

HONG KONG SAR

Extended Country Profile

2 · Government Efficiency

2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn) US\$ billions	2.43	-91.93	4	2021
2.1.02 · Government budget surplus/deficit (%) Percentage of GDP	0.66	-4.00	5	2021
2.1.03 · Total general government debt (\$bn) US\$ billions	8.02	1,436.31	3	2021
2.1.04 · Total general government debt (%) Percentage of GDP	2.18	71.59	1	2021
2.1.05 · Total general government debt-real growth Percentage change, based on national currency in constant prices	125.52	8.58	62	2021
2.1.06 · Interest payment (%) Percentage of current revenue	0.09	5.98	1	2021
2.1.07 · Public finances Public finances are being efficiently managed	6.46	4.92	12	2022
2.1.08 · Tax evasion Tax evasion is not a threat to your economy	7.71	5.05	3	2022
2.1.09 · Pension funding Pension funding is adequately addressed for the future	5.24	4.77	21	2022
2.1.10 · General government expenditure Percentage of GDP	24.4	38.2	12	2021

2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues Percentage of GDP	14.06	27.09	11	2020
2.2.02 · Collected personal income tax On profits, income and capital gains, as a percentage of GDP	3.04	6.00	22	2020
2.2.03 · Collected corporate taxes On profits, income and capital gains, as a percentage of GDP	5.07	2.70	61	2020
2.2.04 · Collected indirect tax revenues Taxes on goods and services as a percentage of GDP	5.81	9.41	15	2020
2.2.05 · Collected capital and property taxes Percentage of GDP	0.15	1.47	9	2020
2.2.06 · Collected social security contribution Compulsory contribution of employees and employers as a percentage of GDP	0.00	7.28	1	2019
2.2.07 · Corporate tax rate on profit Maximum tax rate, calculated on profit before tax	16.50	22.34	9	2021
2.2.08 · Consumption tax rate Standard rate of VAT/GST	0.00	16.37	1	2021
2.2.09 · Employer social security tax rate %	0.0	16.0	1	2021
2.2.10 · Employee social security tax rate %	0.0	10.4	1	2021
2.2.11 · Real personal taxes Real personal taxes do not discourage people from working or seeking advancement	8.54	5.12	1	2022

2.3 · Institutional Framework

Value Average Rank Year

2.3.01 · Real short-term interest rate Real discount / bank rate	-1.05	-3.07	42	2021
2.3.02 · Cost of capital Cost of capital encourages business development	7.48	5.63	4	2022
2.3.03 · Interest rate spread Lending rate minus deposit rate	5.00	3.49	52	2021
2.3.04 · Country credit rating Index (0-60) of three country credit ratings: Fitch, Moody's and S&P	53.0	43.0	17	2021
2.3.05 · Central bank policy Central bank policy has a positive impact on the economy	7.17	6.31	16	2022
2.3.06 · Foreign currency reserves US\$ billions	496.87	216.77	6	2021
2.3.07 · Foreign currency reserves per capita US\$ per capita	67,026	9,199	3	2021
2.3.08 · Exchange rate stability Parity change from national currency to SDR, 2021 / 2019	0.023	0.072	7	2021
2.3.09 · Legal and regulatory framework The legal and regulatory framework encourages the competitiveness of enterprises	7.88	5.37	2	2022
2.3.10 · Adaptability of government policy Adaptability of government policy to changes in the economy is high	5.02	4.83	29	2022
2.3.11 · Transparency Transparency of government policy is satisfactory	5.76	4.87	23	2022
2.3.12 · Bureaucracy Bureaucracy does not hinder business activity	4.88	3.72	14	2022
2.3.13 · Bribery and corruption Bribery and corruption do not exist	7.23	4.77	13	2022
2.3.14 · Rule of law Rule of Law Index	91.83	72.47	14	2020
2.3.15 · Sustainable Development Goals Country performance on the 17 SDGs	-	75.1		
2.3.16 · Democracy Index EIU Overall Democracy Index, © The Economist Intelligence Unit Limited 2021	5.60	6.97	53	2021

2.4 · Business Legislation

Value Average Rank Year

2.4.01 · Tariff barriers	0.00	2.32	1	2020
Tariffs on imports: Applied weighted mean tariff rate for all products				
2.4.02 · Protectionism	7.59	5.74	6	2022
Protectionism of your government does not impair the conduct of your business				
2.4.03 · Public sector contracts	7.32	5.96	10	2022
Public sector contracts are sufficiently open to foreign bidders				
2.4.04 · Foreign investors	8.44	6.82	6	2022
Foreign investors are free to acquire control in domestic companies				
2.4.05 · Capital markets	8.49	6.57	6	2022
Capital markets (foreign and domestic) are easily accessible				
2.4.06 · Investment incentives	7.00	5.93	13	2022
Investment incentives are attractive to foreign investors				
2.4.07 · Government subsidies	0.23	2.02	4	2019
To private and public companies as a percentage of GDP				
2.4.08 · Subsidies	7.48	5.52	3	2022
Subsidies do not distort fair competition and economic development				
2.4.09 · State ownership of enterprises	7.51	6.04	9	2022
State ownership of enterprises is not a threat to business activities				
2.4.10 · Competition legislation	6.71	5.84	16	2022
Competition legislation is efficient in preventing unfair competition				
2.4.11 · Parallel economy	7.51	5.14	9	2022
Parallel (black-market, unrecorded) economy does not impair economic development				
2.4.12 · New business density	23.7	5.8	2	2019
Registered new businesses per 1'000 people aged 15-64				
2.4.13 · Creation of firms	8.07	6.63	10	2022
Creation of firms is supported by legislation				
2.4.14 · Start-up days	1.5	15.1	2	2019
Number of days to start a business				
2.4.15 · Start-up procedures	2.0	6.0	2	2019
Number of procedures to start a business				
2.4.16 · Labor regulations	7.51	5.50	4	2022
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
2.4.17 · Unemployment legislation	6.83	4.99	3	2022
Unemployment legislation provides an incentive to look for work				
2.4.18 · Immigration laws	6.88	5.83	10	2022
Immigration laws do not prevent your company from employing foreign labor				
2.4.19 · Redundancy costs	1.4	9.4	19	2019
Number of weeks of salary				

2.5 · Societal Framework

Value Average Rank Year

2.5.01 · Justice Justice is fairly administered	7.44	5.72	17	2022
2.5.02 · Homicide Intentional homicide, rate per 100'000 population	0.29	4.28	5	2020
2.5.03 · Ageing of population Population over 65, percentage of total population	19.1	14.8	41	2021
2.5.04 · Risk of political instability The risk of political instability is very low	6.29	5.80	30	2022
2.5.05 · Social cohesion Social cohesion is high	4.30	5.68	48	2022
2.5.06 · Gini coefficient Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)	40.10	35.03	47	2016
2.5.07 · Income distribution - lowest 10% Percentage of household incomes going to lowest 10% of households	0.80	2.75		2019
2.5.08 · Income distribution - highest 10% Percentage of household incomes going to highest 10% of households	36.40	26.98		2019
2.5.09 · Income distribution - lowest 40% Percentile going to the lowest 40% of households	10.60	18.99	54	2019
2.5.10 · Income distribution - lowest 40% growth Percentile going to the lowest 40% of households - growth	-2.75	0.34	41	2019
2.5.11 · Equal opportunity Equal opportunity legislation in your economy encourages economic development	7.00	6.17	18	2022
2.5.12 · Females in parliament Percentage of total seats in Parliament	19.00	29.11	47	2021
2.5.13 · Unemployment rate - gender ratio Ratio of the female and male unemployment rates	0.69	1.25	1	2021
2.5.14 · Gender inequality Gender Inequality Index (UNDP)	0.067	0.183	15	2019
2.5.15 · Disposable Income Female / male ratio	77.5	72.2	30	2021
2.5.16 · Freedom of the Press Reporters Without Borders: World Press Freedom Score	30.44	27.85	42	2021

HONG KONG SAR

Extended Country Profile

3 · Business Efficiency

3.1 · Productivity & Efficiency

Value Average Rank Year

3.1.01 · Overall productivity (PPP) Estimates: GDP (PPP) per person employed, US\$	128,205	84,576	6	2021
3.1.02 · Overall productivity (PPP) - real growth Estimates: Percentage change of GDP (PPP) per person employed	6.12	2.84	6	2021
3.1.03 · Labor productivity (PPP) Estimates: GDP (PPP) per person employed per hour, US\$	60.35	48.28	20	2021
3.1.04 · Agricultural productivity (PPP) Estimates: Related GDP (PPP) per person employed in agriculture, US\$	116,567	55,834	7	2019
3.1.05 · Productivity in industry (PPP) Estimates: Related GDP (PPP) per person employed in industry, US\$	68,875	107,180	45	2020
3.1.06 · Productivity in services (PPP) Estimates: Related GDP (PPP) per person employed in services, US\$	126,938	86,235	8	2020
3.1.07 · Workforce productivity Workforce productivity is competitive by international standards	7.90	6.15	5	2022
3.1.08 · Large corporations Large corporations are efficient by international standards	8.22	6.67	5	2022
3.1.09 · Small and medium-size enterprises Small and medium-size enterprises are efficient by international standards	7.76	6.12	7	2022
3.1.10 · Use of digital tools and technologies Companies are very good at using digital tools and technologies to improve performance	7.02	6.29	14	2022

3.2 · Labor Market

Value Average Rank Year

3.2.01 · Compensation levels	12.08	15.09	36	2021
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	-4.59	1.59	7	2021
Percentage change				
3.2.03 · Remuneration in services professions	32,983	28,619	38	2018
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	21,714	19,099		2018
Remuneration in services professions / Nurse	36,275	30,277		2018
Remuneration in services professions / Primary school	34,061	30,970		2018
Remuneration in services professions / Product Manager	55,605	49,302		2018
Remuneration in services professions / Sales Assistant	25,716	19,165		2018
Remuneration in services professions / Secretary / Personal	24,524	22,903		2018
3.2.04 · Remuneration of management	285,857	169,169	57	2019
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	521,070	306,535		2019
Remuneration of management / Director manufacturing	266,399	149,356		2019
Remuneration of management / Engineer	114,004	80,327		2019
Remuneration of management / Human resources director	241,954	140,455		2019
3.2.05 · Remuneration spread	21.06	17.99	40	2018
Ratio of CEO to personal assistant remuneration				
3.2.06 · Working hours	2,124	1,843	15	2021
Average number of working hours per year				
3.2.07 · Worker motivation	7.07	5.87	11	2022
Worker motivation in companies is high				
3.2.08 · Industrial disputes	1.05	12.21	23	2020
Working days lost per 1,000 inhabitants per year (average 2018-2020)				
3.2.09 · Apprenticeships	5.24	5.20	32	2022
Apprenticeships are sufficiently implemented				
3.2.10 · Employee training	6.20	6.03	32	2022
Employee training is a high priority in companies				
3.2.11 · Labor force	3.87	40.47	42	2021
Employed and registered unemployed (millions)				
3.2.12 · Labor force (%)	52.21	50.09	20	2021
Percentage of population				
3.2.13 · Labor force growth	-1.23	1.18	56	2021
Percentage change				
3.2.14 · Labor force - long-term growth	-2.20	-0.67	46	2021
Estimates: five year percentage change				
3.2.15 · Part-time employment	14.90	15.19	24	2020
Percentage of total employment				
3.2.16 · Female labor force	50.31	42.68	2	2021
Percentage of total labor force				
3.2.17 · Foreign labor force - migrant stock	40.24	17.76	7	2020
Migrant stock, age 20-64, % of population				
3.2.18 · Skilled labor	5.80	5.21	24	2022
Skilled labor is readily available				
3.2.19 · Finance skills	7.41	6.07	9	2022
Finance skills are readily available				
3.2.20 · Attracting and retaining talents	6.76	6.82	34	2022
Attracting and retaining talents is a priority in companies				
3.2.21 · Brain drain	4.64	4.93	35	2022
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
3.2.22 · Foreign highly-skilled personnel	5.38	5.39	33	2022
Foreign highly-skilled personnel are attracted to your country's business environment				
3.2.23 · International experience	7.05	5.62	10	2022
International experience of senior managers is generally significant				
3.2.24 · Competent senior managers	6.53	5.45	15	2022
Competent senior managers are readily available				

3.3 · Finance

Value Average Rank Year

3.3.01 · Banking sector assets Percentage of GDP	562.72	157.54	2	2021
3.3.02 · Financial cards in circulation Number of cards per capita	11.06	3.45	4	2021
3.3.03 · Financial card transactions US\$ per capita	19,520	11,334	8	2021
3.3.04 · Access to financial services Proportion of adults with a bank account or mobile-money-service provider	95.28	82.66	20	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	0.99	0.96	32	2017
3.3.06 · Banking and financial services Banking and financial services do support business activities efficiently	7.59	6.24	7	2022
3.3.07 · Regulatory compliance (banking laws) Regulatory compliance is sufficiently developed	8.07	6.92	6	2022
3.3.08 · Stock markets Stock markets provide adequate financing to companies	7.85	5.83	4	2022
3.3.09 · Stock market capitalization (\$bn) US\$ billions	5,452.1	1,470.4	4	2021
3.3.10 · Stock market capitalization (%) Percentage of GDP	1,480.99	105.47	1	2021
3.3.11 · Value traded on stock markets US\$ per capita	410,287	23,478	1	2020
3.3.12 · Listed domestic companies Number of listed domestic companies	2,353	718	7	2020
3.3.13 · Stock market index Percentage change on index in national currency	7.30	26.39	59	2021
3.3.14 · Shareholders' rights Shareholders' rights are sufficiently implemented	7.71	6.91	15	2022
3.3.15 · Initial Public Offerings By acquiror nation (average 2019-2021) US\$ millions	4,007.4	4,258.5	14	2021
3.3.16 · Credit Credit is easily available for business	7.49	6.05	9	2022
3.3.17 · Venture capital Venture capital is easily available for business	6.94	5.34	8	2022
3.3.18 · M&A Activity Deals per listed company (average 2018-2020)	0.291	1.193	42	2020
3.3.19 · Corporate debt Corporate debt does not restrain the ability of enterprises to compete	7.07	5.83	12	2022

3.4 · Management Practices

Value Average Rank Year

3.4.01 · Agility of companies Companies are agile	7.54	6.08	4	2022
3.4.02 · Changing market conditions Companies are generally extremely aware of changing market conditions	8.07	6.69	1	2022
3.4.03 · Opportunities and threats Companies are very good at responding quickly to opportunities and threats	7.80	6.29	2	2022
3.4.04 · Credibility of managers Credibility of managers in society is strong	7.68	6.15	3	2022
3.4.05 · Corporate boards Corporate boards do supervise the management of companies effectively	7.31	6.17	5	2022
3.4.06 · Auditing and accounting practices Auditing and accounting practices are adequately implemented in business	8.20	7.25	7	2022
3.4.07 · Use of big data and analytics Companies are very good at using big data and analytics to support decision-making	6.27	5.33	12	2022
3.4.08 · Customer satisfaction Customer satisfaction is emphasized in companies	7.49	6.95	15	2022
3.4.09 · Entrepreneurship Entrepreneurship of managers is widespread in business	6.95	6.07	6	2022
3.4.10 · Social responsibility Social responsibility of business leaders is high	6.66	6.16	20	2022
3.4.11 · Women in management Female share of senior and middle management (% of management)	37.00	31.46	15	2020
3.4.12 · Women on boards Boardmembers of all companies analyzed by MSCI	13.50	24.22	45	2021
3.4.13 · Entrepreneurial fear of failure % indicating that fear of failure would prevent them from setting up a business	-	42.81		
3.4.14 · Total early-stage Entrepreneurial Activity % who are either a nascent entrepreneur or owner-manager of a new business	-	12.11		

3.5 · Attitudes and Values

Value Average Rank Year

3.5.01 · Attitudes toward globalization Attitudes toward globalization are generally positive in your society	7.54	6.47	8	2022
3.5.02 · Image abroad or branding The image abroad of your country encourages business development	6.76	6.44	32	2022
3.5.03 · National culture The national culture is open to foreign ideas	7.80	6.82	10	2022
3.5.04 · Flexibility and adaptability Flexibility and adaptability of people are high when faced with new challenges	7.73	6.63	5	2022
3.5.05 · Need for economic and social reforms The need for economic and social reforms is generally well understood	6.40	5.88	24	2022
3.5.06 · Digital transformation in companies Digital transformation in companies is generally well implemented	6.46	5.95	24	2022
3.5.07 · Value system The value system in your society supports competitiveness	7.41	6.23	8	2022

HONG KONG SAR

Extended Country Profile

4 · Infrastructure

4.1 · Basic Infrastructure

Value Average Rank Year

4.1.01 · Land area Square kilometers ('000)	1	1,207	61	2021
4.1.02 · Arable area Square meters per capita	5	2,704	62	2019
4.1.03 · Water resources Total internal renewable per capita in cubic meters	453	18,375	56	2018
4.1.04 · Access to water Access to water is adequately ensured and managed	9.32	7.90	11	2022
4.1.05 · Management of cities Management of cities supports business development	7.83	6.61	12	2022
4.1.06 · Population - market size Estimates in millions	7.41	81.51	43	2021
4.1.07 · Population - growth Percentage change	-0.91	0.30	59	2021
4.1.08 · Dependent Population Percentage of total population	30.7	33.6		2021
Population over 65 years	19.1	14.8		2021
Population under 15 years	11.6	18.7		2021
4.1.09 · Dependency ratio Population under 15 and over 64 years old, divided by active population (15 to 64 years)	44.3	51.2	12	2021
4.1.10 · Roads Density of the network, km roads/square km land area	9.43	1.39	2	2019
4.1.11 · Railroads Density of the network, km per square km	0.722	0.049	1	2020
4.1.12 · Air transportation Number of passengers carried by main companies, thousands	5,879	27,297	38	2020
4.1.13 · Quality of air transportation Quality of air transportation encourages business development	7.93	7.07	18	2022
4.1.14 · Distribution infrastructure The distribution infrastructure of goods and services is generally efficient	8.59	7.12	12	2022
4.1.15 · Energy infrastructure Energy infrastructure is adequate and efficient	8.77	6.81	4	2022
4.1.16 · Total indigenous energy production Millions MTOE	0.14	169.14	63	2019
4.1.17 · Total indigenous energy production (%) Percentage of total requirements in tons of oil equivalent	1.0	106.4	63	2019
4.1.18 · Total final energy consumption Millions MTOE	8.14	122.04	13	2019
4.1.19 · Total final energy consumption per capita MTOE per capita	1.08	2.46	11	2019
4.1.20 · Electricity costs for industrial clients US\$ per kwh	0.150	0.107	49	2021

4.2 · Technological Infrastructure

Value Average Rank Year

4.2.01 · Investment in Telecommunications Percentage of GDP	0.33	0.42	40	2021
4.2.02 · Mobile Broadband subscribers 4G & 5G market, % of mobile market	85.4	71.5	18	2020
4.2.03 · Mobile Telephone costs Monthly Blended Average Revenue per User	29.2	15.7	57	2020
4.2.04 · Communications technology Communications technology (voice and data) meets business requirements	8.85	7.67	10	2022
4.2.05 · Secure internet servers publicly-trusted TLS/SSL certificates, Netcraft Secure Server Survey.	70,622	36,109	11	2020
4.2.06 · Internet users Number of internet users per 1000 people	906	839	24	2021
4.2.07 · Broadband subscribers Number of subscriptions per 1000 inhabitants	384	381	34	2020
4.2.08 · Internet bandwidth speed Average speed	158.0	93.5	7	2021
4.2.09 · Digital/Technological skills Digital/Technological skills are readily available	7.73	6.79	15	2022
4.2.10 · Qualified engineers Qualified engineers are available in your labor market	7.34	6.35	11	2022
4.2.11 · Public-private partnerships Public and private sector ventures are supporting technological development	6.96	6.08	14	2022
4.2.12 · Development & application of tech. Development and application of technology are supported by the legal environment	7.32	6.46	14	2022
4.2.13 · Funding for technological development Funding for technological development is readily available	7.20	5.98	13	2022
4.2.14 · High-tech exports (\$) US\$ millions	340,122	47,160	2	2020
4.2.15 · High-tech exports (%) Percentage of manufactured exports	69.65	18.12	1	2020
4.2.16 · ICT service exports Percentage of service exports	2.6	9.7	55	2018
4.2.17 · Cyber security Cyber security is being adequately addressed by corporations	7.29	5.89	7	2022

4.3 · Scientific Infrastructure

Value Average Rank Year

4.3.01 · Total expenditure on R&D (\$) US\$ millions	3,423	31,953	34	2020
4.3.02 · Total expenditure on R&D (%) Percentage of GDP	0.99	1.63	41	2020
4.3.03 · Total expenditure on R&D per capita (\$) US\$ per capita	457.6	647.1	27	2020
4.3.04 · Business expenditure on R&D (\$) US\$ millions	1,424	24,238	35	2020
4.3.05 · Business expenditure on R&D (%) Percentage of GDP	0.41	1.11	43	2020
4.3.06 · Total R&D personnel Full-time work equivalent (FTE thousands)	36.1	233.3	37	2020
4.3.07 · Total R&D personnel per capita Full-time work equivalent (FTE) per 1000 people	4.83	5.37	30	2020
4.3.08 · Total R&D personnel in business enterprise Full-time work equivalent (FTE thousands)	13.3	183.3	40	2020
4.3.09 · Total R&D personnel in business per capita Full-time work equivalent (FTE) per 1000 people	1.78	3.31	37	2020
4.3.10 · Researchers in R&D per capita Full-time work equivalent (FTE) per 1000 people	4.4	3.6	24	2020
4.3.11 · Graduates in Sciences % of graduates in ICT, Engineering, Math & Natural Sciences	41.48	24.75	1	2019
4.3.12 · Scientific articles Scientific articles published by origin of author	18,462	39,473	23	2019
4.3.13 · Nobel prizes Awarded in physics, chemistry, physiology or medicine and economics since 1950	1	9	21	2021
4.3.14 · Nobel prizes per capita Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people	0.13	0.19	19	2021
4.3.15 · Patent applications Number of applications filed by applicant's origin	2,131	52,962	31	2020
4.3.16 · Patent applications per capita Number of applications filed by applicant's origin, per 100,000 inhabitants	28.49	80.01	28	2020
4.3.17 · Patent grants Number of patents granted by applicant's origin (average 2018-2020)	1,188	25,007	34	2020
4.3.18 · Number of patents in force by applicant's origin, per 100,000 inhabitants	155.0	491.7	28	2020
4.3.19 · Medium- and high-tech value added Proportion of total manufacturing value added, expressed as a percentage	38.07	38.63	32	2019
4.3.20 · Scientific research legislation Laws relating to scientific research do encourage innovation	6.84	5.97	22	2022
4.3.21 · Intellectual property rights Intellectual property rights are adequately enforced	7.95	6.59	10	2022
4.3.22 · Knowledge transfer Knowledge transfer is highly developed between companies and universities	6.64	5.52	17	2022

4.4 · Health and Environment

Value Average Rank Year

4.4.01 · Total health expenditure Percentage of GDP	6.8	7.5	37	2019
4.4.02 · Total health expenditure per capita US\$ per capita	3,288	2,614	20	2019
4.4.03 · Public expenditure on health (%) Percentage of total health expenditure	53.50	65.44	49	2019
4.4.04 · Health infrastructure Health infrastructure meets the needs of society	6.22	5.97	33	2022
4.4.05 · Universal health coverage index Coverage index for essential health services (0-100)	-	78		
4.4.06 · Life expectancy at birth Average estimate	84.9	78.4	1	2019
4.4.07 · Healthy life expectancy Average estimate	74.8	68.3	1	2021
4.4.08 · Infant mortality Under five mortality rate per 1000 live births	2.5	7.9	8	2020
4.4.09 · Medical assistance Number of inhabitants per physician and per nurse			44	2021
Medical assistance / Per nurse	108.26	302.83		2021
Medical assistance / Per physician	476.84	533.91		2021
4.4.10 · Urban population Percentage of total population	100	77		2021
4.4.11 · Human development index Combines economic - social - educational indicators/ Source: Human Development Report	0.949	0.862	4	2019
4.4.12 · Energy intensity Total energy consumed for each 1000 US\$ of GDP in MTOE	22	102	1	2018
4.4.13 · Safely treated waste water Percentage of waste water	85.7	76.7	30	2020
4.4.14 · Water use efficiency US\$ per cubic meter	324.10	97.67	4	2019
4.4.15 · CO2 emissions Metric tons of carbon dioxide from fuel combustion	35.1	420.2	20	2020
4.4.16 · CO2 emissions intensity CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP	101.8	354.2	8	2020
4.4.17 · Exposure to particle pollution Mean population exposure to PM2.5, Micrograms per cubic metre	19.00	20.45	39	2019
4.4.18 · Renewable energies (%) Share of renewables in total energy requirements, %	0.7	16.8	60	2019
4.4.19 · Forest area growth Five year percentage change of hectares	-	0.4		
4.4.20 · Total biocapacity Global hectares per capita of biologically productive space	-	3.26		
4.4.21 · Ecological footprint Global hectares per person	-	5.0		
4.4.22 · Ecological balance (reserve/deficit) Total biocapacity minus total footprint in global hectares per capita	-	-1.73		
4.4.23 · Environment-related technologies Development of environment-related technologies, % inventions worldwide	0.11	1.60	30	2019
4.4.24 · Environmental agreements Multilateral agreements on hazardous waste, proportion fulfilled	-	83.34		
4.4.25 · Sustainable development Sustainable development is a priority in companies	6.49	6.21	25	2022
4.4.26 · Pollution problems Pollution problems do not seriously affect your economy	6.69	5.71	13	2022
4.4.27 · Environmental laws Environmental laws and compliance do not hinder the competitiveness of businesses	7.23	6.17	11	2022
4.4.28 · Quality of life Quality of life is high	6.42	6.76	37	2022

4.5 · Education

Value Average Rank Year

4.5.01 · Total public expenditure on education Percentage of GDP	4.6	5.0	37	2020
4.5.02 · Total public expenditure on education per capita US\$ per capita	2,138	1,562	20	2020
4.5.03 · Total public exp. on education per student Spending per enrolled pupil/student, all levels	11,307	6,944	12	2019
4.5.04 · Pupil-teacher ratio (primary education) Ratio of students to teaching staff	12.87	15.95	21	2020
4.5.05 · Pupil-teacher ratio (secondary education) Ratio of students to teaching staff	10.90	13.74	19	2020
4.5.06 · Secondary school enrollment Percentage of relevant age group receiving full-time education	99.4	92.7	5	2019
4.5.07 · Higher education achievement Percentage of population that has attained at least tertiary education for persons 25-34	63.0	44.2	7	2020
4.5.08 · Women with degrees Share of women who have a degree in the population 25-65	-	39.7		
4.5.09 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants	5.68	4.01	11	2019
4.5.10 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants	4.81	2.62	6	2019
4.5.11 · Educational assessment - PISA PISA survey of 15-year olds	531	471	3	2018
Educational assessment - PISA / Mathematics	551	472		2018
Educational assessment - PISA / Reading	524	468		2018
Educational assessment - PISA / Sciences	517	472		2018
4.5.12 · Students who are not low achievers - PISA % of students who are not low achievers in maths, sciences and reading	82.2	58.5	4	2018
4.5.13 · English proficiency - TOEFL TOEFL scores	91	92	39	2020
4.5.14 · Primary and secondary education Primary and secondary education meets the needs of a competitive economy	6.95	6.10	21	2022
4.5.15 · University education University education meets the needs of a competitive economy	7.46	6.40	17	2022
4.5.16 · Management education Management education meets the needs of the business community	7.02	6.34	18	2022
4.5.17 · University education index Country score calculated from Times Higher Education university ranking	12.42	14.07	26	2021
4.5.18 · Illiteracy Adult (over 15 years) illiteracy rate as a percentage of population	1.0	2.4	1	2020
4.5.19 · Language skills Language skills are meeting the needs of enterprises	6.68	6.41	29	2022

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