



COUNTRY PROFILE

CZECH REPUBLIC



OVERALL PERFORMANCE (63 countries)



CHALLENGES IN 2019

- Development of global economy and German economy in particular.
- Finding way of accelerating construction of transportation and energy infrastructure.
- Maintaining sound level of public debt despite prospective economic slowdown.
- Introduction of new technology as a solution to labour shortage.
- Debating key legislative proposals on class actions and sectoral taxation.

Provided by:

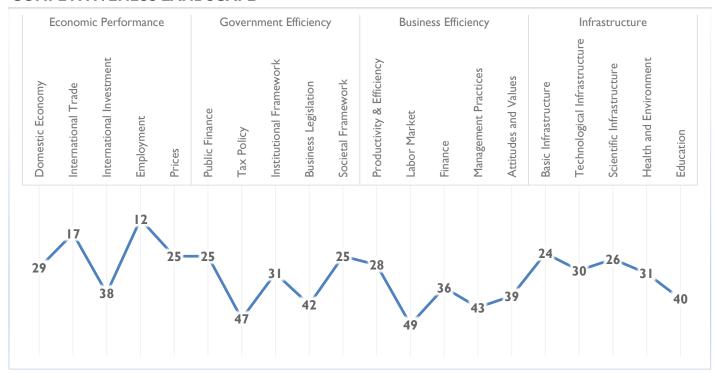
Consumer Forum (Spotřebitelské fórum)

BASIC FACTS

Rank

Capital	Prague	
Land area (square km '000)	79 ²⁰¹⁸	
Exchange Rate (per \$)	21.730 2018	
Population - market size (millions)	10.63 2018	36
Gross Domestic Product (GDP) (US\$ billions)	245.I ²⁰¹⁸	41
GDP (PPP) per capita (US\$)	37,249 ²⁰¹⁸	31
Real GDP growth (%)	3.0 2018	26
Consumer price inflation (%)	2.16 2018	31
Unemployment rate (%)	2.23 2018	4
Labor force (millions)	5.42 2018	36
Current account balance (% of GDP)	0.34 2018	35
Direct investment stocks inward (\$bn)	153.5 2017	33
Direct investment flows inward (% of GDP)	3.47 2018	15

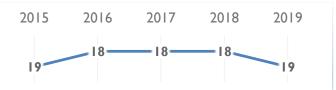
COMPETITIVENESS LANDSCAPE



PEER GROUPS RANKINGS

2015 2016 2017 2018 2019 18 17 17 18 20

POPULATIONS < 20 MILLION (34 countries)



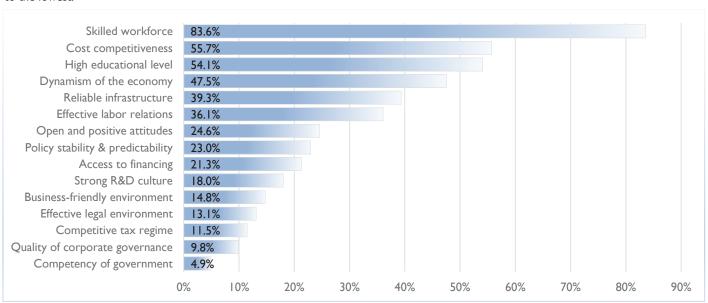
COMPETITIVENESS EVOLUTION

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	WCY		WCY	WCY
IMPROVEMENTS	2018	2019	DECLINES	2018	2019
4.3.18 Number of patents in force	28.7	68.0	2.4.14 Start-up days	9.0	24.5
1.1.18 Gross fixed capital formation - real growth	5.86	10.40	2.3.08 Exchange rate stability	0.058	0.094
4.1.07 Population - growth	0.23	0.36	1.2.02 Current account balance	0.88	0.34
2.4.18 Immigration laws	4.15	5.87	2.1.02 Government budget surplus/deficit (%)	1.59	0.89
1.4.08 Long-term unemployment	1.00	0.70	1.1.15 Real GDP growth per capita	4.36	2.63
4.5.01 Total public expenditure on education	3.6	4.6	1.1.14 Real GDP growth	4.6	3.0
1.4.07 Unemployment rate	2.89	2.23	2.3.12 Bureaucracy	3.65	2.52
2.5.02 Homicide	0.7	0.6	3.2.03 Remuneration in services professions	12,607	15,563
3.4.07 Use of big data and analytics	4.23	4.90	2.4.11 Parallel economy	6.19	4.97
1.4.09 Youth unemployment	7.90	6.73	1.5.02 Cost-of-living index	65.80	78.10
3.2.18 Skilled labor	3.14	3.58	2.1.09 Public finances	5.04	4.13
1.1.20 GDP per capita	20,449	23,058	2.2.12 Real personal taxes	5.92	4.87
3.3.08 Stock markets	4.31	4.84	2.3.02 Cost of capital	7.08	5.87
1.2.12 Exports of commercial services (\$bn)	23.74	26.66	2.4.08 Subsidies	4.16	3.45
1.2.08 Exports of goods (\$bn)	180.13	202.20	3.3.06 Banking and financial services	7.08	5.90

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.



ECONOMIC PERFORMANCE



Sub-Factor Rankings:	2018	2019
Domestic Economy	35	29
International Trade	20	17
International Investment	32	38
Employment	16	12
Prices	17	25

GOVERNMENT EFFICIENCY



Sub-Factor Rankings:	2018	2019
Public Finance	14	25
Tax Policy	41	47
Institutional Framework	27	31
Business Legislation	34	42
Societal Framework	25	25

BUSINESS EFFICIENCY



Sub-Factor Rankings:	2018	2019
Productivity & Efficiency	20	28
Labor Market	36	49
Finance	30	36
Management Practices	35	43
Attitudes and Values	45	39

INFRASTRUCTURE



Sub-Factor Rankings:	2018	2019
Basic Infrastructure	25	24
Technological Infrastructure	26	30
Scientific Infrastructure	26	26
Health and Environment	30	31
Education	39	40

STRENGTHS

Economic Performance	Rank
1.4.07 Unemployment rate	4
1.2.09 Exports of goods (%)	6
1.4.09 Youth unemployment	7
1.1.09 Gross fixed capital formation (%)	9
1.1.18 Gross fixed capital formation - real growth	10
1.2.23 Trade to GDP ratio	10
1.4.08 Long-term unemployment	12
1.3.08 Direct investment stocks inward (% of GDP)	15
1.3.06 Direct investment flows inward (% of GDP)	15
1.5.04 Office rent	19

Government Efficiency	Rank
2.5.06 Gini coefficient	4
2.3.07 Foreign currency reserves per capita	7
2.5.02 Homicide	11
2.2.08 Corporate tax rate on profit	12
2.1.02 Government budget surplus/deficit (%)	13
2.1.04 Total general government debt (%)	14
2.4.01 Tariff barriers	14
2.4.09 State ownership of enterprises	16
2.3.14 Rule of law	17
2.4.04 Foreign investors	20

Business Efficiency	Rank
3.2.04 Remuneration of management	20
3.1.07 Workforce productivity	21
3.2.03 Remuneration in services professions	23
3.3.19 Corporate debt	24
3.2.12 Labor force (%)	26
3.1.09 Small and medium-size enterprises	27
3.1.10 Use of digital tools and technologies	29
3.5.07 Value system	31
3.3.17 Venture capital	31
3.2.01 Compensation levels	32

Infra	astructure	Rank
4.3.19	Medium- and high-tech value added	П
4.4.09	Medical assistance	14
4.5.03	Gov. expenditure on education per student	15
4.2.02	Mobile Broadband subscribers	17
4.3.07	Total R&D personnel per capita	17
4.2.17	ICT service exports	17
4.5.10	Student mobility inbound	17
4.1.16	Energy infrastructure	18
4.3.05	Business expenditure on R&D (%)	20
4.3.02	Total expenditure on R&D (%)	21

WEAKNESSES

Economic Performance	Rank
1.3.04 Direct investment stocks abroad (% of GDP)	48
1.3.03 Direct investment stocks abroad (\$bn)	47
1.2.17 Export concentration by partner	43
1.3.13 Relocation threats of business	40
1.2.12 Exports of commercial services (\$bn)	38
1.1.19 Resilience of the economy	38
1.5.06 Gasoline prices	35
1.2.02 Current account balance	35
1.1.20 GDP per capita	33
1.3.07 Direct investment stocks inward (\$bn)	33

Government Efficiency	Rank
2.2.11 Employer's social security contribution rate	59
2.4.08 Subsidies	58
2.3.08 Exchange rate stability	58
2.4.14 Start-up days	56
2.4.07 Government subsidies	53
2.1.11 Pension funding	53
2.4.13 Creation of firms	50
2.2.01 Collected total tax revenues	47
2.4.15 Start-up procedures	47
2.4.10 Competition legislation	46

Business Efficiency	Rank
3.2.09 Apprenticeships	57
3.3.10 Stock market capitalization (%)	56
3.2.18 Skilled labor	56
3.2.24 Competent senior managers	53
3.2.19 Finance skills	51
3.2.23 International experience	51
3.5.03 National culture	50
3.4.04 Credibility of managers	48
3.4.08 Customer satisfaction	47
3.4.10 Social responsibility	44

Infrastructure	Rank
4.2.11 Qualified engineers	56
4.3.22 Knowledge transfer	51
4.5.05 Pupil-teacher ratio (primary education)	50
4.2.12 Public-private partnerships	49
4.2.04 Communications technology	48
4.1.10 Dependency ratio	45
4.2.13 Development and application of technology	44
4.1.07 Population - growth	43
4.5.16 Management education	43
4.5.09 Women with degrees	42

I · Economic Performance

1.1.00 Exchange Rate 2.1.730 74.055 74	I.I · Domestic Economy	Value	Average	Rank	Year
	I.I.00 · Exchange Rate	21.730	74.055		2018
Station Stat	National currency per US\$ (average)				
1.102 - GDP (PPP)	1.1.01 · Gross Domestic Product (GDP)	245.1	1,264.8	41	2018
Extrasset: USS billions at purchasing power parity 1.103 - World GDP in market prices 1.104 - Household consumption expenditure (\$bin 1.105 - Government consumption expenditure (\$bin 1.105 - Government consumption expenditure (\$bin 1.107 - Government (US\$ billions				
1.103 - World GDP contribution 0.29 1.49 1.70	1.1.02 · GDP (PPP)	395.9	1,903.1	39	2018
Percentage share of world GDP in market prices 1.1.04 - Household consumption expenditure (\$bn) 115.0 697.9 72 72 72 72 72 73 73 73	Estimates ; US\$ billions at purchasing power parity				
	I.I.03 · World GDP contribution	0.29	1.49	41	2018
	Percentage share of world GDP in market prices				
1.1.05 Household consumption expenditure (%)	I.I.04 · Household consumption expenditure (\$bn)	115.0	697.9	47	2018
	US\$ billions				
1.1.06	I.I.05 · Household consumption expenditure (%)	46.9	55.2	52	2018
1.1.07 Government consumption expenditure (%) 2.0 16.7 3 2018 1.1.08 Gross fixed capital formation (\$bn) 64.0 31.1 40 2018 1.1.09 Gross fixed capital formation (\$bn) 26.1 22.6 9 2018 1.1.09 Gross fixed capital formation (\$bn) 26.1 22.6 9 2018 1.1.09 Gross fixed capital formation (\$bn) 26.1 22.6 9 2018 1.1.10 Gross domestic savings (\$bn) 81.0 343.8 36 2018 1.1.11 Gross domestic savings (\$bn) 33.0 28.2 17 2018 1.1.12 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.13 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.14 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.15 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.16 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.16 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.16 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.16 Gross domestic savings (\$b) 33.0 28.2 17 2018 1.1.12 Economic sectors Agriculture 2.0 3.0 2.0 2018 1.1.13 Economic sectors Agriculture 30.6 29.5 2018 1.1.14 Realdown as a percentage of GDP 1.1.15 Economic sectors Services 67.3 6.8 2018 1.1.15 Economic sectors Services 67.3 6.8 2018 1.1.14 Real GDP growth per capita 3.0 2.7 2.0 2018 1.1.15 Real GDP growth per capita 2.0 3 2.0 2.0 2.0 1.1.15 Real GDP growth per capita 3.0 2.0 2.0 2.0 2.0 1.1.17 Government consumption expenditure - real growth 3.0 2.3 2.0 2.	Percentage of GDP				
1.1.07 Government consumption expenditure (%) 20.0 16.7 3 2016	1.1.06 · Government consumption expenditure (\$bn)	49.1	202.1	35	2018
Ferentiage of GDP	US\$ billions				
1.1.08 · Gross fixed capital formation (\$bn)	I.I.07 · Government consumption expenditure (%)	20.0	16.7	13	2018
No Gross fixed capital formation (whith the process of GDP 1.1.19 Gross fixed capital formation (%) 2.6.1 2.6.6 2.6.	Percentage of GDP				
1.1.0 Gross fixed capital formation (%) 26.1 22.6 9 2018	1.1.08 · Gross fixed capital formation (\$bn)	64.0	313.1	40	2018
Recreating of GDP					
Note	1.1.09 · Gross fixed capital formation (%)	26.1	22.6	9	2018
1.1.1 Gross domestic savings (yain) 33.0 28.2 17 2018 1.1.1.1 Gross domestic savings (%) 33.0 28.2 17 2018 1.1.1.2 Economic sectors 2018 1.1.1.2 Economic sectors 2018 1.1.1.2 Economic sectors / Agriculture 2.2 3.7 2018 1.1.2 Economic sectors / Agriculture 2.2 3.7 2018 1.1.3 Economic sectors / Industry 30.6 29.5 2018 1.1.3 Economic sectors / Services 67.3 66.8 2018 1.1.3 Economic sectors / Services 67.3 66.8 2018 1.1.3 Economic sectors / Services 67.3 66.8 2018 1.1.4 Real GDP growth 3.0 2.7 26 2018 1.1.4 Real GDP growth 3.0 2.7 26 2018 1.1.5 Real GDP growth 3.0 2.7 26 2018 1.1.6 Household consumption expenditure - real growth 3.10 2.84 27 2018 1.1.14 Heave the expensive of the economy to expenditure - real growth 3.0 2.23 24 2018 1.1.15 Government consumption expenditure - real growth 3.0 2.23 24 2018 1.1.16 Household consumption expenditure - real growth 3.0 2.23 2018 1.1.17 Government consumption expenditure - real growth 3.0 2.23 2018 1.1.18 Gross fixed capital formation - real growth 3.0 2.0 3.0 2.0 1.1.19 Resilience of the economy 5.19 5.52 38 2019 1.1.21 GDP (PPP) per capita 23.058 30.983 33 2018 USS per capita 23.058 30.983 33 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37.249 39.972 31 2018 1.1.21 GDP (PPP) per capita 37					
US\$ billions	I.I.10 · Gross domestic savings (\$bn)	81.0	343.8	36	2018
Percentage of GDP					
Percentage of GDP	I.I.II · Gross domestic savings (%)	33.0	28.2	17	2018
1.1.1.2 · Economic sectors Breakdown of the economic sectors, percentage of GDP Economic sectors Agriculture 2.2 3.7 2018 Seconomic sectors 2.2 3.7 2018 S					
Rerealdown of the economic sectors / Agriculture 2.2 3.7 2018					2018
Economic sectors / Agriculture 2.2 3.7 2018					
Rerakdown as a percentage of GDP Seconomic sectors / Industry 30.6 29.5 2018		2.2	3.7		2018
Reconomic sectors / Industry Services	·	 -			
Breakdown as a percentage of GDP		30.6	29 5		2018
Economic sectors / Services 67.3 66.8 2018 Breakdown as a percentage of GDP	·				
	· · · ·	67.3	66.8		2018
1.1.13 * Economic complexity index		07.5	00.0		
Measures knowledge intensity, by considering exports I.1.14 · Real GDP growth 3.0 2.7 26 2018 Percentage change, based on national currency in constant prices I.1.15 · Real GDP growth per capita 2.63 1.92 24 2018 Percentage change, based on national currency in constant prices I.1.16 · Household consumption expenditure - real growth 3.10 2.84 27 2018 Percentage change, based on constant prices. I.1.17 · Government consumption expenditure - real growth 3.00 2.23 24 2018 Percentage change, based on constant prices. I.1.18 · Gross fixed capital formation - real growth 10.40 3.83 10 2018 Percentage change, based on constant prices. I.1.19 · Resilience of the economy 5.19 5.52 28 2019 Resilience of the economy to economic cycles is strong 5.19 5.52 38 2019 US\$ per capita 23,058 30,983 33 2018 US\$ per capita 37,249 39,972 31 2018 Estimates; US\$ per capita at purchasing power parity		1.64	0.83	9	2017
1.1.14 · Real GDP growth 3.0 2.7 26 2018 Percentage change, based on national currency in constant prices 2.63 1.92 24 2018 Percentage change, based on national currency in constant prices 2.63 1.92 24 2018 Percentage change, based on national currency in constant prices 3.10 2.84 27 2018 Percentage change, based on constant prices 3.10 2.84 27 2018 Percentage change, based on constant prices 3.00 2.23 24 2018 Percentage change, based on constant prices 3.00 2.23 24 2018 Percentage change, based on constant prices 3.00 3.83 10 2018 Percentage change, based on constant prices 3.19 5.52 38 2019 Resilience of the economy 5.19 5.52 38 2019 Resilience of the economy to economic cycles is strong 3.00 3.00 3.00 3.00 US\$ per capita 3.00 3.00 3.00 3.00 3.00 US\$ per capita 3.00 3.00 3.00 3.00 3.00 3.00 Estimates; US\$ per capita at purchasing power parity		1.01	0.03		
Percentage change, based on national currency in constant prices 2.63 1.92 24 2018		3.0	2.7	26	2018
1.1.15 - Real GDP growth per capita 2.63 1.92 24 2018	•	3.0	2.7		
Percentage change, based on national currency in constant prices 1.1.16 · Household consumption expenditure - real growth Percentage change, based on constant prices. 1.1.17 · Government consumption expenditure - real growth Percentage change, based on constant prices. 1.1.18 · Gross fixed capital formation - real growth Percentage change, based on constant prices. 1.1.19 · Resilience of the economy Resilience of the economy to economic cycles is strong 1.1.20 · GDP per capita 23,058 30,983 33 2018 Estimates; US\$ per capita at purchasing power parity		2.63	1 92	24	2018
1.1.16 · Household consumption expenditure - real growth3.102.84272018Percentage change, based on constant prices.1.1.17 · Government consumption expenditure - real growth3.002.23242018Percentage change, based on constant prices.1.1.18 · Gross fixed capital formation - real growth10.403.83102018Percentage change, based on constant prices.1.1.19 · Resilience of the economy5.195.52382019Resilience of the economy to economic cycles is strong1.1.20 · GDP per capita23,05830,983332018US\$ per capita1.1.21 · GDP (PPP) per capita37,24939,972312018Estimates; US\$ per capita at purchasing power parity		2.03	1.72	1	
Percentage change, based on constant prices. 1.1.17 · Government consumption expenditure - real growth Percentage change, based on constant prices. 1.1.18 · Gross fixed capital formation - real growth Percentage change, based on constant prices. 1.1.19 · Resilience of the economy Resilience of the economy to economic cycles is strong 1.1.20 · GDP per capita US\$ per capita 1.1.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity	, · · · ·	3 10	2 94	27	2018
1.1.17 · Government consumption expenditure - real growth3.002.23242018Percentage change, based on constant prices.1.1.18 · Gross fixed capital formation - real growth10.403.83102018Percentage change, based on constant prices.1.1.19 · Resilience of the economy5.195.52382019Resilience of the economy to economic cycles is strong1.1.20 · GDP per capita23,05830,983332018US\$ per capita1.1.21 · GDP (PPP) per capita37,24939,972312018Estimates; US\$ per capita at purchasing power parity		5.10	2.07	21	
Percentage change, based on constant prices. 1.1.18 · Gross fixed capital formation - real growth Percentage change, based on constant prices. 1.1.19 · Resilience of the economy Resilience of the economy to economic cycles is strong 1.1.20 · GDP per capita US\$ per capita 1.1.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity		3.00	2 23	24	2018
1.1.18 · Gross fixed capital formation - real growth Percentage change, based on constant prices.10.403.831020181.1.19 · Resilience of the economy Resilience of the economy to economic cycles is strong5.195.523820191.1.20 · GDP per capita23,05830,983332018US\$ per capita37,24939,972312018Estimates; US\$ per capita at purchasing power parity	·	3.00	2.23	27	
Percentage change, based on constant prices. 1.1.19 · Resilience of the economy Resilience of the economy to economic cycles is strong 1.1.20 · GDP per capita US\$ per capita 1.1.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity		10.40	3 03	10	2018
1.1.19 · Resilience of the economy 5.19 5.52 38 2019 Resilience of the economy to economic cycles is strong 1.1.20 · GDP per capita 23,058 30,983 33 2018 US\$ per capita 1.1.21 · GDP (PPP) per capita 37,249 39,972 31 2018 Estimates; US\$ per capita at purchasing power parity		10.40	3.03	10	
Resilience of the economy to economic cycles is strong 1.1.20 · GDP per capita US\$ per capita 1.1.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity		5 10	5 52	30	2019
1.1.20 · GDP per capita 23,058 30,983 33 2018 US\$ per capita 37,249 39,972 31 2018 Estimates; US\$ per capita at purchasing power parity	·	5.17	3.32	30	
US\$ per capita 1.1.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity		22 OF0	30 003	22	2018
I.I.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity		23,038	30,783	33	
Estimates; US\$ per capita at purchasing power parity		27.240	20 072	21	2018
		37,249	37,7/2	31	
1.1.22 Forecast, Real GDP growth 2.5 2.6 32 2017		2.5	2.4	22	2019
	1.1.22 Forecast: Real GDF growth	2.5	2.6	32	

1.1.23 - Forecast: Inflation	Paragraph of shared an national augments in constant prices				
Percentage of Cape	Percentage change, based on national currency in constant prices	2	150 733 1	37	2019
1.1.24 Forecast: Unamployment 2.2 6.4 4 799 79		2.1	130,733.1	37	
The contage of tool labor force 1.1.25 - Forecaste: Current account balance 1.1.25 - Forecaste: Current account balance 1.1.26 - Forecaste: Current account balance 1.1.29 - Diversification of the economy 1.1.29 - Diversification of the economy 1.1.29 - Diversification of the economy 1.20 - Current account balance (\$bin) 1.23 - Salance decompt plantance, seport rankets, ecc.) is extensive 1.20 - Current account balance (\$bin) 1.20 - Current account balance (\$bin) 1.21 - Salance of trade (\$bin) 1.22 - Salance of trade (\$bin) 1.23 - Salance of trade (\$bin) 1.25 - Salance of trade (\$bin)		2.2	6.4	4	2019
1.1.25 Forecasts Current account bilance 0.3 1.3 34 Forecasting of GDPGAPS 1.1.99 Forecasting of GDPGAPS 1.1.90 Forecastin		2,2	0.1		
Percentage of CDPGNP		0.3	13	34	2019
1.1.99 Diversification of the economy Diversification of the economy (industries, espect markets, etc.) is extensive Diversification of the economy (industries, espect markets, etc.) is extensive		0.3	1.5	J-T	
Description of the economy (industrics, export markets, etc.) is excessive 1,20 Current account balance (Sbn) 0,8 8,9 3 201 1,20 1,20 Current account balance (Sbn) 0,8 3,9 3 201 1,20		2.05	5 17	53	2018
1.2. International Trade	•	3.03	3.17	33	
1.201 - Current account balance (\$\sin\) 0.8 8.9 31 2018 1.205 1.005 1	Diversification of the economy (industries, export markets, etc.) is extensive				
1.201 - Current account balance (\$\sin\) 0.8 8.9 31 2018 1.205 1.005 1	1.2 International Trade			ь .	.,
U.S. billions (minus sign = deficit) 1.0.0	111001111111111111111111111111111111111				
1.202 Current account balance 0.34 1.87 35 201	• •	0.8	8.9	31	2018
Firewangs of CDP 1,2,03 - Salance of trade (\$hn) 18.4					2010
1.203 Balance of trade (\$bn) 1.84 -2.3 20 2018 1.205 Balance of trade (\$bn) 1.206 Balance of commercial services (\$bn) 1.206 Balance of commercial serv		0.34	1.87	35	2018
1.2.04 Salinane (wins sign = deficit 1.2.04 Salinane (minus sign = deficit 1.2.05 Salinane of crade (%) 7.5 0.10 14 2018 1.2.05 Salinane of commercial services (\$bn) 4.95 3.58 21 2017 1.2.05 Salinane of commercial services (\$bn) 2.29 2.38 25 2017 1.2.05 Salinane of commercial services (\$bn) 2.29 2.38 25 2017 1.2.05 Salinane of commercial services (\$bn) 2.29 2.38 25 2017 1.2.05 Salinane of commercial services (\$bn) 2.20 287.34 27 2018 1.2.07 World exports contribution 0.91 1.48 30 2017 1.2.07 World exports of goods (\$bn) 202.20 287.34 27 2018 1.2.09 Exports of goods (\$bn) 202.20 287.34 27 2018 1.2.09 Exports of goods (\$bn) 202.20 287.34 27 2018 1.2.10 Exports of goods per capita 19,026 3.041 31 2018 1.2.10 Exports of goods - growth 11.01 10.84 21 2018 1.2.11 Exports of goods - growth 11.01 10.84 21 2018 1.2.12 Exports of commercial services (\$bn) 26.66 78.03 38 2017 1.2.13 Exports of commercial services (\$bn) 26.66 78.03 38 2017 1.2.14 Exports of commercial services (\$bn) 21.33 15.50 27 2017 1.2.14 Exports of commercial services (\$bn) 21.23 2018 1.2.15 Exports of goods & commercial services 208.80 340.78 30 2017 1.2.16 Exports breakdown by economic sector Agriculture 5.1 30.6 2017 1.2.16 Exports breakdown by economic sector Agriculture 5.1 30.6 2017 1.2.17 Exports breakdown by economic sector Services 2018 30.7 30 2017 1.2.18 Exports breakdown by product 5.1 5.5 5.3 30 2017 1.2.19 Imports of goods & commercial services (\$bn) 30.7 30.7 30.7 30.7 30.7 1.2.19 Imports of goods & commercial services (\$bn) 30.7 30.7 30.7 30.7 30.7 30.7 1.2.19 Imports of goods & commercial services (\$bn) 30.7 30.7 30.7 30.7 30.7 30.7 30.7 30.7 30.7 30.7 30.7 30					
1.2.04 - Balance of trade (%) 7.5 0.10 14 200 Percenage of GDP 1.2.05 - Balance of commercial services (\$hn) 3.58 21 2017 USS billions (minus sign = deficit) 2.29 2.38 25 2017 USS billions (minus sign = deficit) 2.29 2.38 25 2017 USS billions (minus sign = deficit) 2.20 2.38 25 2017 USS billions (minus sign = deficit) 2.20 2.38 25 2017 USS billions (minus sign = deficit) 2.20 2.38 25 2017 USS billions (minus sign = deficit) 2.20 2.38 25 2017 USS presented of GDP 2.20	1.2.03 · Balance of trade (\$bn)	18.4	-2.3	20	2018
Percangae of GOP Percangae o	` - '				
1.2.05 - Balance of commercial services (\$bn) 4.95 3.58 21 2017 USS billions (minus sign = deficit) 2.29 2.38 25 2017 Percentage of GDP 2.00 - World exports contribution 2.29 2.38 25 2017 Percentage of GDP 2.00 - World exports contribution 2.20 28.73 27 2018	1.2.04 · Balance of trade (%)	7.51	-0.10	14	2018
1.2.06 Salanice of commercial services (%) 2.29 2.38 25 2017 2018	Percentage of GDP				
1.2.06 - Balance of commercial services (%) 2.29 2.38 25 207 Percenage of CDP Percenage of CDP 1.48 30 207 Percenage of CDP 1.207 - World exports contribution 0.91 1.48 30 207 Percenage share of world exports (goods and commercial services) 2.209 - Exports of goods (\$\foats) 2.20 3.74 27 2.78 1.2.09 - Exports of goods (\$\foats) 2.20 3.74 2.7 2.78 1.2.09 - Exports of goods (\$\foats) 3.975 6 2.08 Percenage of GDP 1.00 3.975 3.09 3.09 Percenage of GDP 1.00 1.00 3.09 3.09 3.09 1.2.10 - Exports of goods per capita 1.00 1.00 3.09 3.09 1.2.10 - Exports of goods - growth 1.00 1.00 3.09 3.09 1.2.11 - Exports of goods - growth 1.00 3.09 3.09 1.2.12 - Exports of commercial services (\$\foats) 3.09 3.09 1.2.13 - Exports of commercial services (\$\foats) 3.09 3.09 1.2.14 - Exports of commercial services (\$\foats) 3.09 3.09 1.2.15 - Exports of commercial services 3.09 3.09 1.2.16 - Exports of goods & commercial services 3.09 3.09 1.2.16 - Exports of goods & commercial services 3.09 3.09 1.2.16 - Exports of goods & commercial services 3.09 3.09 1.2.16 - Exports of goods & commercial services 3.09 3.09 1.2.16 - Exports breakdown by economic sector Agriculture 3.09 3.09 1.2.16 - Exports breakdown by economic sector Agriculture 3.09 3.09 1.2.16 - Exports breakdown by economic sector Agriculture 3.09 3.09 1.2.17 - Export to concentration by product 3.09 3.09 1.2.18 - Exports breakdown by economic sector Services 3.09 3.09 1.2.19 - Imports of goods & commercial services (\$\foats \) 3.09 3.09 1.2.19 - Imports of goods & commercial services (\$\foats \) 3.09 3.09 1.2.19 - Imports of goods & commercial services (\$\foats \) 3.09 3.09 1.2.19 - Imports of goods & commercial services (\$\foats \) 3.09 3.09 1.2.19 - Imports of goods & commercial services (\$\foats \) 3.09 3.	1.2.05 · Balance of commercial services (\$bn)	4.95	3.58	21	2017
Percentage of GDP 1.48 30 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 2014 2017 201	US\$ billions (minus sign = deficit)				
1.2.07 · World exports contribution 0.91 1.48 30 2017 Percenage share of world exports (goods and commercial services) L2.08 · Exports of goods (\$hn) 20.20 28.34 27 2018 L2.08 · Exports of goods (\$h) 20.20 28.34 27 2018 L2.09 · Exports of goods (\$h) 20.20 28.34 27 2018 L2.09 · Exports of goods (\$h) 20.20 20.37 20.37 Percentage of GDP 20.20 20.37 20.37 L2.10 · Exports of goods per capita 19.02 13.04 13 2018 L2.10 · Exports of goods - growth 19.02 10.01 10.04 21 2018 L2.11 · Exports of goods - growth 10.01 10.04 21 2018 L2.11 · Exports of goods - growth 20.00 20.00 L2.12 · Exports of commercial services (\$hn) 26.66 78.03 38 2017 L2.13 · Exports of commercial services (\$hn) 20.00 20.00 L2.14 · Exports of commercial services (\$hn) 20.00 20.00 L2.15 · Exports of commercial services - growth 11.60 9.51 20 2017 Percentage change, based on US\$ values 20.20 20.20 L2.15 · Exports of goods & commercial services 20.80 340.78 30 2017 L2.15 · Exports of goods & commercial services 20.80 340.78 30 2017 L2.15 · Exports of goods & commercial services 20.80 340.78 30 2017 Percentage of total exports 20.20 20.20 Exports breakdown by economic sector / Agriculture 5.1 10.6 2017 Percentage of total exports 20.20 20.20 20.20 Exports breakdown by economic sector / Industry 20.20 20.20 20.20 Percentage of total exports 20.20	1.2.06 · Balance of commercial services (%)	2.29	2.38	25	2017
Percentage share of world exports (goods and commercial services) 12.08 - Exports of goods (\$bn) 12.09 - Exports of goods (\$b) 12.09 - Exports of goods (\$b) 12.10 - Exports of goods per capita 12.10 - Exports of goods per capita 12.11 - Exports of goods - growth 11.01 10.84 21 218 Percentage change, based on US\$ values 12.12 - Exports of commercial services (\$bn) 12.13 - Exports of commercial services (\$b) 12.14 - Exports of commercial services (\$b) 12.15 - Exports of commercial services - growth 11.00 9.51 22 2017 Percentage of GDP 12.16 - Exports of goods & commercial services 12.17 - Exports of goods & commercial services 12.18 - Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services 12.17 - Exports breakdown by economic sector / Services Exports breakdown by economic sector / Services 12.18 - Exports breakdown by economic sector / Services Exports breakdown by economic sector / Services 12.19 - Imports of goods & commercial services (\$bn) 12.19 - Imports of goods & commercial services (\$bn) 12.19 - Imports of goods & commercial services (\$bn) 12.19 - Imports of goods & commercial services (\$bn) 12.19 - Imports of goods & commercial services (\$bn) 12.19 - Imports of goods & commercial services (\$bn) 12.10 - Imports of goods & commercial services (\$bn) 12.11 - Exports breakdown by economercial services (\$bn) 12.12 - Imports of goods & commercial services (\$bn) 12.13 - Exports breakdown by economercial services (\$bn) 12.14 - Exports breakdown by economercial services (\$bn) 12.15 - Exports breakdown by economercial services (\$bn) 12.16 - Exports breakdown	Percentage of GDP				
1.2.08 Exports of goods (\$hn) 20.20 20.73 20.75 20	1.2.07 · World exports contribution	0.91	1.48	30	2017
1.2.09 Exports of goods (%) 82.51 39.75 6 2018 1.2.09 Exports of goods (%) 82.51 39.75 6 2018 1.2.10 Exports of goods per capita 19,026 3,041 32 2018 1.2.10 Exports of goods per capita 19,026 3,041 32 2018 1.2.10 Exports of goods per capita 11.01 10.84 21 2018 1.2.10 Exports of goods a growth 11.01 10.84 21 2018 1.2.11 Exports of commercial services (\$\bar{\text{bh}}\right) 26.66 78.03 38 2017 1.2.12 Exports of commercial services (\$\bar{\text{bh}}\right) 26.66 78.03 38 2017 1.2.13 Exports of commercial services (\$\bar{\text{bh}}\right) 21.00 1.2.14 Exports of commercial services - growth 11.60 9.51 22 2017 1.2.14 Exports of commercial services - growth 11.60 9.51 22 2017 1.2.15 Exports of goods & commercial services 200.80 340.78 30 2017 1.2.16 Exports of goods & commercial services 200.80 340.78 30 2017 1.2.16 Exports breakdown by economic sector / Agriculture 5.1 10.6 2017 1.2.16 Exports breakdown by economic sector / Agriculture 8.2 63.4 2017 2.2.16 Exports breakdown by economic sector / Industry 82.2 63.4 2017 2.2.17 Exports breakdown by economic sector / Industry 82.2 63.4 2017 2.2.17 Exports breakdown by economic sector / Services 2018 2.2.17 Export concentration by partner 56.8 53.1 43 2017 2.2.18 Exports concentration by product 51.0 53.6 32 2017 2.2.19 Imports of goods & commercial services (\$\bar{\text{bh}}\right) 85.6 52.1 54 2017 2.2.10 Imports of goods & commercial services (\$\bar{\text{bh}}\right) 85.6 52.1 54 2017 2.2.11 Imports of goods & commercial services (\$\bar{\text{bh}}\right) 85.6 52.1 54 2017 2.2.11 Imports of goods & commercial services (\$\bar{\text{bh}}\right) 22.11 Imports of goods & commercial services (\$\bar{\text{bh}}\right) 20.70 2.2.11 Imports of goods & commercial s	Percentage share of world exports (goods and commercial services)				
U.S. billions	1.2.08 · Exports of goods (\$bn)	202.20	287.34	27	2018
Percentage of GDP 1.2.10 · Exports of goods per capita USs per capita USs per capita 1.2.11 · Exports of goods - growth Percentage change, based on USs values 1.2.12 · Exports of commercial services (\$bn) 1.2.13 · Exports of commercial services (\$bn) 2.6.66	,				
Percentage of GDP	1.2.09 · Exports of goods (%)	82.51	39.75	6	2018
US\$ per capita 1.2.11 Exports of goods - growth 11.01 10.84 21 2018 20					
US\$ per capita 1.2.11 Exports of goods - growth 11.01 10.84 21 2018 20	1.2.10 · Exports of goods per capita	19,026	13,041	13	2018
1.2.11 Exports of goods - growth 11.01 10.84 21 2018 Percentage change, based on US\$ values 1.2.12 Exports of commercial services (\$bn) 26.66 78.03 38 2017 US\$ billions 12.33 15.05 27 2017 Percentage of GDP 1.2.14 Exports of commercial services (%) 11.60 9.51 22 2017 Percentage of GDP 1.2.15 Exports of goods & commercial services - growth 11.60 9.51 22 2017 Percentage change, based on US\$ values 12.15 Exports of goods & commercial services 208.08 340.78 30 2017 US\$ billions 2018 2017 Exports breakdown by economic sector 2017 Percentage of total exports 2018 2017 Exports breakdown by economic sector / Agriculture 5.1 10.6 2017 Percentage of total exports 2017 Exports breakdown by economic sector / Industry 2017 Percentage of total exports 2017 Exports breakdown by economic sector / Services 2018 2017 2017 Percentage of total exports 2018 2017 2		.,,	- / -		
Percentage change, based on US\$ values		11.01	10.84	21	2018
1.2.12 · Exports of commercial services (\$hn) 26.66 78.03 38 2017 US\$ billions 12.33 Exports of commercial services (\$\%) 12.33 Exports of commercial services (\$\%) 12.33 15.50 27 2017 Percentage of GDP 12.14 · Exports of commercial services - growth 11.60 9.5 22 2017 Percentage change, based on US\$ values 12.15 · Exports of goods & commercial services 208.00 34.078 30 2017 US\$ billions 2017 US\$					
1.2.13 Exports of commercial services (%) 12.33 15.50 27 2017 Percentage of GDP 1.2.14 Exports of commercial services - growth 11.60 9.51 22 2017 Percentage change, based on US\$ values 208.80 340.78 30 2017 1.2.15 Exports of goods & commercial services 208.80 340.78 30 2017 US\$ billions 2018 2018 2018 2018 2018 1.2.16 Exports breakdown by economic sector 2017 Percentage of total exports 2018 2018 2018 Exports breakdown by economic sector / Agriculture 5.1 10.6 2017 Percentage of total exports 2018 2018 2018 Exports breakdown by economic sector / Industry 82.2 63.4 2017 Percentage of total exports 2018 2019 Exports breakdown by economic sector / Services 2018 2018 Exports breakdown by economic sector / Services 2018 2018 1.2.17 Export concentration by partner 56.8 53.1 43 2017 Exports to top 5 countries, percentage of total exports 2018 2018 1.2.18 Export concentration by product 51.0 53.6 32 2017 Top 5 products, percentage of total exports 2019 2019 1.2.19 Imports of goods & commercial services (\$bn) 2018 2019 1.2.20 Imports of goods & commercial services (\$bn) 2019 2019 1.2.20 Imports of goods & commercial services 2018 2017 Percentage of GDP 2018 2018 2018 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 1.2.21 Imports of goods & commercial services - growth 2018 2018 2018 2018		26.66	78.03	38	2017
1.2.13 · Exports of commercial services (%)	• • • • • • • • • • • • • • • • • • • •	20.00	7 0.05	50	
Percentage of GDP	·	12 33	15 50	27	2017
1.2.14 · Exports of commercial services - growth 11.60 9.51 22 2017 Percentage change, based on US\$ values 208.80 340.78 30 2017 US\$ billions 2017 Percentage of total exports 2017 Exports breakdown by economic sector / Agriculture 5.1 10.6 2017 Percentage of total exports 2017 Percentage of total exports 2018 2019 Exports breakdown by economic sector / Agriculture 2017 Percentage of total exports 2018 2019 Percentage of total exports 2019 2019 Percentage of GDP 2019 2019 Percentage of GDP 2019 2019 2019 2019 Percentage of GDP 2019 2019 2019 2019 Percentage of GDP 2019 2019 2019 2019 2019 Percentage of GDP 2019		12.33	13.50		
Percentage change, based on US\$ values	-			22	2017
1.2.15 · Exports of goods & commercial services 20.80 30.00 20		11.60	951		
1.2.16 Exports breakdown by economic sector Percentage of total exports 2017 Exports breakdown by economic sector Agriculture S.1 10.6 2017 2017 Percentage of total exports 2018 Exports breakdown by economic sector Industry 82.2 63.4 2017 2019 Percentage of total exports 2019 Exports breakdown by economic sector Industry 82.2 63.4 2017 2017 Percentage of total exports 2018 Exports breakdown by economic sector Services 12.8 26.0 2017 2017 Percentage of total exports 2018 Export concentration by partner 56.8 53.1 43 2017 2018 Export concentration by product 51.0 53.6 32 2017 2018 Export concentration by product 51.0 53.6 32 2017 2019 Imports of goods & commercial services (\$bn) 185.1 337.6 32 2017 2019 Imports of goods & commercial services (\$bn) 85.6 52.1 54 2017 2019 Percentage of GDP 2019 13.69 10.35 41 2017 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019	•	11.60	9.51		
1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector Agriculture S.I. 10.6 2017 Percentage of total exports Exports breakdown by economic sector Industry 82.2 63.4 2017 Percentage of total exports 82.2 63.4 2017 Percentage of total exports 12.8 26.0 2017 Percentage of total exports 12.8 26.0 2017 Percentage of total exports 12.8 26.0 2017 Percentage of total exports 12.17 · Export concentration by partner 56.8 53.1 43 2017 Exports to top 5 countries, percentage of total exports 12.18 · Export concentration by product 51.0 53.6 32 2017 Top 5 products, percentage of total exports 12.19 · Imports of goods & commercial services (\$bn) 185.1 337.6 32 2017 US\$ billions 12.20 · Imports of goods & commercial services (\$\%) 85.6 52.1 54 2017 Percentage of GDP 12.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017 201	Percentage change, based on US\$ values				2017
Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Exports breakdown by economic sector / Services 12.8 26.0 2017 Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions 1.2.20 · Imports of goods & commercial services (%) Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services				2017
Exports breakdown by economic sector / Agriculture 5.1 10.6 2017 Percentage of total exports Exports breakdown by economic sector / Industry 82.2 63.4 2017 Percentage of total exports Exports breakdown by economic sector / Services 12.8 26.0 2017 Percentage of total exports 12.8 26.0 2017 Percentage of total exports 12.8 26.0 2017 Percentage of total exports 56.8 53.1 43 2017 Exports to top 5 countries, percentage of total exports 12.18 Export concentration by partner 51.0 53.6 32 2017 Exports to top 5 countries, percentage of total exports 12.19 Imports of goods & commercial services (\$bn) 185.1 337.6 32 2017 US\$ billions 12.20 Imports of goods & commercial services (%) 85.6 52.1 54 2017 Percentage of GDP 12.21 Imports of goods & commercial services - growth 13.69 10.35 41 2017 Percentage of GDP 12.21 Imports of goods & commercial services - growth 13.69 10.35 41 2017 Percentage of GDP 13.69 10.35 41 2017 Percentage of GD	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions				
Percentage of total exports S.1 10.0 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector				
Exports breakdown by economic sector / Industry Recentage of total exports	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports	208.80	340.78		2017
Exports breakdown by economic sector / Services 12.8 26.0 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture	208.80	340.78		2017
Exports breakdown by economic sector / Services 12.8 26.0 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports	208.80	340.78		2017
Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) U\$\$ billions 1.2.20 · Imports of goods & commercial services (%) Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 1.2.21 · Imports of goods & commercial services - growth 1.2.21 · Imports of goods & commercial services - growth 1.2.21 · Imports of goods & commercial services - growth 1.2.21 · Imports of goods & commercial services - growth	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry	208.80	340.78		2017
1.2.17 · Export concentration by partner 56.8 53.1 43 2017 Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product 51.0 53.6 32 2017 Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) 185.1 337.6 32 2017 US\$ billions 1.2.20 · Imports of goods & commercial services (%) 85.6 52.1 54 2017 Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports	5.1 82.2	10.6		2017
Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions 1.2.20 · Imports of goods & commercial services (%) Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services	5.1 82.2	10.6		2017
1.2.18 · Export concentration by product 51.0 53.6 32 2017 Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) 185.1 337.6 32 2017 US\$ billions 1.2.20 · Imports of goods & commercial services (%) 85.6 52.1 54 2017 Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services U\$\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports	208.80 5.1 82.2 12.8	10.6 63.4 26.0	30	2017 2017 2017
Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions 1.2.20 · Imports of goods & commercial services (%) Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 1.3.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner	208.80 5.1 82.2 12.8	10.6 63.4 26.0	30	2017 2017 2017
1.2.19 · Imports of goods & commercial services (\$bn) 185.1 337.6 32 2017 US\$ billions 1.2.20 · Imports of goods & commercial services (%) 85.6 52.1 54 2017 Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner	208.80 5.1 82.2 12.8 56.8	10.6 63.4 26.0	30	2017 2017 2017 2017
US\$ billions 1.2.20 · Imports of goods & commercial services (%) 85.6 52.1 54 2017 Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner	208.80 5.1 82.2 12.8 56.8	10.6 63.4 26.0 53.1	30	2017 2017 2017 2017
1.2.20 · Imports of goods & commercial services (%) 85.6 52.1 54 2017 Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product	208.80 5.1 82.2 12.8 56.8	10.6 63.4 26.0 53.1	30	2017 2017 2017 2017
Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product	208.80 5.1 82.2 12.8 56.8 51.0	10.6 63.4 26.0 53.1 53.6	30 43 32	2017 2017 2017 2017 2017
Percentage of GDP 1.2.21 · Imports of goods & commercial services - growth 13.69 10.35 41 2017	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services U\$\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn)	208.80 5.1 82.2 12.8 56.8 51.0	10.6 63.4 26.0 53.1 53.6	30 43 32	2017 2017 2017 2017 2017
1.2.21 Imports of goods & commercial services - growth	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services U\$\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn)	208.80 5.1 82.2 12.8 56.8 51.0	340.78 10.6 63.4 26.0 53.1 53.6 337.6	30 43 32	2017 2017 2017 2017 2017 2017
	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions 1.2.20 · Imports of goods & commercial services (%)	208.80 5.1 82.2 12.8 56.8 51.0	340.78 10.6 63.4 26.0 53.1 53.6 337.6	30 43 32	2017 2017 2017 2017 2017 2017
i el centage change, Dased On Osy values	Percentage change, based on US\$ values 1.2.15 · Exports of goods & commercial services US\$ billions 1.2.16 · Exports breakdown by economic sector Percentage of total exports Exports breakdown by economic sector / Agriculture Percentage of total exports Exports breakdown by economic sector / Industry Percentage of total exports Exports breakdown by economic sector / Services Percentage of total exports 1.2.17 · Export concentration by partner Exports to top 5 countries, percentage of total exports 1.2.18 · Export concentration by product Top 5 products, percentage of total exports 1.2.19 · Imports of goods & commercial services (\$bn) US\$ billions 1.2.20 · Imports of goods & commercial services (%) Percentage of GDP	208.80 5.1 82.2 12.8 56.8 51.0 185.1	340.78 10.6 63.4 26.0 53.1 53.6 337.6 52.1	30 43 32 32 54	2017 2017 2017 2017 2017 2017 2017

1.2.22 · Imports breakdown by economic sector				2017
Percentage of total imports				
Imports breakdown by economic sector / Agriculture	6.1	8.2		201
Percentage of total imports				
Imports breakdown by economic sector / Industry	82.2	67.9		201
Percentage of total imports				
Imports breakdown by economic sector / Services	11.7	23.9		201
Percentage of total imports				
1.2.23 · Trade to GDP ratio	91.09	53.12	10	201
(Exports + Imports) / (2 * GDP)				
1.2.24 · Terms of trade index	99.9	99.0	33	201
Unit value of exports over unit value of imports				
1.2.25 · Tourism receipts	3.21	3.78	22	201
International tourism receipts as a percentage of GDP				
1.2.99 · Exchange rates	5.77	5.22	22	201
Exchange rates support the competitiveness of enterprises				
1.3 ·International Investment	Value	Average	Rank	Yea
1.3.01 · Direct investment flows abroad (\$bn)	4.39	16.70	30	201
US\$ billions				
1.3.02 · Direct investment flows abroad (% of GDP)	1.79	1.61	22	20
Percentage of GDP				
1.3.03 · Direct investment stocks abroad (\$bn)	23.7	484.2	47	201
US\$ billions				
1.3.04 · Direct investment stocks abroad (% of GDP)	10.94	69.51	48	201
Percentage of GDP				
1.3.05 · Direct investment flows inward (\$bn)	8.49	18.51	32	201
US\$ billions				
1.3.06 · Direct investment flows inward (% of GDP)	3.47	1.72	15	201
Percentage of GDP				
1.3.07 · Direct investment stocks inward (\$bn)	153.5	469.5	33	201
US\$ billions				
1.3.08 · Direct investment stocks inward (% of GDP)	70.99	85.29	15	201
Percentage of GDP				
1.3.09 · Balance of direct investment flows (\$bn)	-4.10	-1.90	38	201
US\$ billions (flows abroad minus flows inward)				
1.3.10 · Balance of direct investment flows (%)	-1.67	-0.12	38	201
Percentage of GDP (flows abroad minus flows inward)				
1.3.11 · Net position in direct investment stocks (\$bn)	-129.8	14.7	52	201
US\$ billions (stocks abroad minus stocks inward)				
1.3.12 · Net position in direct investment stocks (%)	-60.04	-15.79	58	201
Percentage of GDP (stocks abroad minus stocks inward)				
1.3.13 · Relocation threats of business	5.00	5.15	40	201
Relocation of business is not a threat to the future of your economy	3.00	3.13	10	
1.3.14 · Portfolio investment assets	-0.47	25.74	54	201
US\$ billions	-0.47	23.77	77	
1.3.15 · Portfolio investment liabilities	1.48	20 50	46	201
	-1.48	20.50	40	
US\$ billions	4.70	4.00	27	201
1.3.99 · Relocation threats of production	4.78	4.90	37	20.
Relocation of production is not a threat to the future of your economy		4.02	-	201
1.3.99 · Relocation threats of R&D facilities	6.04	4.93	5	20
Relocation of R&D facilities is not a threat to the future of your economy				201
1.3.99 · Relocation threats of services	6.04	5.05	4	201
Relocation of services is not a threat to the future of your economy				
I.4 · Employment	Value	Average	Rank	Yea
1.4.01 · Employment	5.29	39.31	35	201
Total employment in millions				

I.4.02 · Employment (%)	49.81	47.54	23	2018
Percentage of population				
1.4.03 · Employment - growth	1.38	1.34	37	2018
Estimates: percentage change				
1.4.04 · Employment - long-term growth	5.39	3.41	19	2018
Estimates: % of population, percentage change in 4 years				
1.4.05 · Employment by sector				2018
Percentage of total employment				
Employment by sector / Agriculture	2.8	8.7		201
Percentage of total employment				
Employment by sector / Industry	38.2	23.9		201
Percentage of total employment				
Employment by sector / Services	59.0	67.4		201
Percentage of total employment				
1.4.06 · Employment in the public sector	8.50	17.65	7	201
Percentage of total employment				
I.4.07 · Unemployment rate	2.23	6.57	4	201
Percentage of labor force				
1.4.08 · Long-term unemployment	0.70	2.33	12	201
Percentage of labor force				
I.4.09 · Youth unemployment	6.73	15.42	7	201
Percentage of youth labor force (under the age of 25)				
1.4.10 · Youth exclusion	6.3	12.3	П	201
Share of youth population (15-24) not in education, employment or training 1.5 • Prices	Value	Average	Pank	You
				201
1.5.01 · Consumer price inflation	2.16	14,761.73	31	201
Average annual rate	70.10	01.10	20	201
1.5.02 · Cost-of-living index	78.10	81.10	28	20.
Index of a basket of goods & services in the main city, including housing (New York City = 100)	0.40	1 505	20	201
1.5.03 · Apartment rent	948	1,525	20	201
3-room apartment monthly rent in major cities, US\$	25.	400		201
1.5.04 · Office rent	356	603	19	201
Total occupation cost in the main city (US\$/Sq.M. per year)		1000		20.
1.5.05 · Food costs	16.54	18.38	30	201
Percentage of household final consumption expenditures				26.
1.5.06 · Gasoline prices	1.48	1.29	35	201

2 · Government Efficiency

2 Government Emiliancy				
2.1 · Public Finance	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn)	2.18	-35.78	П	2018
US\$ billions				
2.1.02 · Government budget surplus/deficit (%)	0.89	-1.56	13	2018
Percentage of GDP				
2.1.03 · Total general government debt (\$bn)	79.78	1,075.60	20	2018
US\$ billions				
2.1.04 · Total general government debt (%)	32.55	59.51	14	2018
Percentage of GDP				
2.1.05 · Total general government debt-real growth	-3.01	4.23	9	2018
Percentage change, based on national currency in constant prices				
2.1.06 · Central government domestic debt	26.04	38.21	22	2018
Percentage of GDP				
2.1.07 · Central government foreign debt	4.42	19.01	19	2018
Percentage of GDP				
2.1.08 · Interest payment (%)	1.81	5.89	14	2018
Percentage of current revenue	1.01	3.07		
2.1.09 · Public finances	4.13	4.70	38	2019
Public finances are being efficiently managed	7.13	4.70	30	
2.1.10 · Tax evasion	5.45	4.73	24	2019
Tax evasion is not a threat to your economy	5.75	7.73	27	
2.1.11 • Pension funding	2.52	4.22	53	2019
•	2.52	7.22	33	
Pension funding is adequately addressed for the future	40.6	35.1	41	2018
2.1.12 · General government expenditure Percentage of GDP	40.0	33.1	41	
2.2 · Tax Policy 2.2.01 · Collected total tax revenues	Value 34.83	Average 27.08	Rank 47	Year 2017
Percentage of GDP				
2.2.02 · Collected personal income tax	4.04	5.89	30	2017
On profits, income and capital gains, as a percentage of GDP				
2.2.03 · Collected corporate taxes	3.70	3.04	45	2017
On profits, income and capital gains, as a percentage of GDP				
2.2.04 · Collected indirect tax revenues	11.46	9.78	41	2017
Taxes on goods and services as a percentage of GDP				
2.2.05 · Collected capital and property taxes	0.47	1.39	17	2017
Percentage of GDP				
2.2.06 · Collected social security contribution	14.98	7.12	60	2017
Compulsory contribution of employees and employers as a percentage of GDP				
2.2.07 · Effective personal income tax rate	22.04	16.65	42	2018
Percentage of an income equal to GDP per capita				
2.2.08 · Corporate tax rate on profit	19.00	23.10	12	2018
Maximum tax rate, calculated on profit before tax				
2.2.09 · Consumption tax rate	21.00	16.28	45	2018
Standard rate of VAT/GST				
2.2.10 · Employee's social security contribution rate	10.49	9.27	38	2018
Compulsory contribution as a percentage of an income equal to GDP per capita				
2.2.11 · Employer's social security contribution rate	32.44	16.56	59	2018
Compulsory contribution as a percentage of an income equal to GDP per capita				
2.2.12 · Real personal taxes	4.87	5.17	39	2019
Real personal taxes do not discourage people from working or seeking advancement				
2.2.99 · Real corporate taxes	6.86	5.34	П	2018

2.3 ·Institutional Framework	Value	Average	Rank	Year
2.3.01 · Real short-term interest rate	-1.38	-1.53	22	2018
Real discount / bank rate				
2.3.02 · Cost of capital	5.87	5.49	30	2019
Cost of capital encourages business development				
2.3.03 · Interest rate spread	3.27	3.89	37	2018
Lending rate minus deposit rate				
2.3.04 · Country credit rating	50.3	42.5	21	2018
Index (0-60) of three country credit ratings: Fitch, Moody's and S&P		12.0		
2.3.05 · Central bank policy	6.26	6.30	39	2019
Central bank policy has a positive impact on the economy	0.20	0.50		
2.3.06 · Foreign currency reserves	142.51	185.59	18	2018
US\$ billions	1 12.51	103.57		
2.3.07 · Foreign currency reserves per capita	13,410	6,963	7	2018
US\$ per capita	,	0,100		
2.3.08 · Exchange rate stability	0.094	0.076	58	2018
Parity change from national currency to SDR, 2018 / 2016	0.071	0.070	30	
2.3.09 · Legal and regulatory framework	4.46	5.09	39	2019
The legal and regulatory framework encourages the competitiveness of enterprises	1.10	3.07	37	
2.3.10 · Adaptability of government policy	3.77	4.42	40	2019
. , , ,	3.77	7.72	70	
Adaptability of government policy to changes in the economy is high	2 07	1.0	41	2019
2.3.11 · Transparency	3.87	4.68	41	2017
Transparency of government policy is satisfactory	2.52	2.50	42	2019
2.3.12 · Bureaucracy	2.52	3.59	43	2017
Bureaucracy does not hinder business activity	2.52	4.77	41	2019
2.3.13 · Bribery and corruption	3.52	4.66	41	2017
Bribery and corruption do not exist	2.72	0.45	. –	2010
2.3.14 · Rule of law	0.73	0.65	17	2018
Rule of Law Index	4.10	4 47	40	2010
2.3.99 · Government decisions	4.12	4.47	40	2018
Government decisions are effectively implemented				
2.4 ·Business Legislation	Value	Average	Pank	Your
2.4.01 · Tariff barriers	5.08	5.96		2017
	5.08	5.76	14	
Tariffs on imports: Most favored nation simple average rate				
	(20	F 02	2.5	2019
2.4.02 · Protectionism	6.39	5.83	25	2019
Protectionism of your government does not impair the conduct of your business				
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts	6.39	5.83	25 30	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders	6.23	6.06	30	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors				
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies	6.23 8.00	6.06	30	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets	6.23	6.06	30	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible	6.23 8.00 7.10	6.06 6.93 6.52	30 20 26	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives	6.23 8.00	6.06	30	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible	6.23 8.00 7.10 6.35	6.06 6.93 6.52	30 20 26 30	2019 2019 2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives	6.23 8.00 7.10	6.06 6.93 6.52	30 20 26	2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors	6.23 8.00 7.10 6.35	6.06 6.93 6.52 5.92	30 20 26 30	2019 2019 2019 2019 2018
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies	6.23 8.00 7.10 6.35	6.06 6.93 6.52 5.92	30 20 26 30	2019 2019 2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP	6.23 8.00 7.10 6.35 2.27	6.06 6.93 6.52 5.92	30 20 26 30 53	2019 2019 2019 2019 2018
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies	6.23 8.00 7.10 6.35 2.27	6.06 6.93 6.52 5.92	30 20 26 30 53	2019 2019 2019 2019 2018
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies Subsidies do not distort fair competition and economic development	6.23 8.00 7.10 6.35 2.27 3.45	6.06 6.93 6.52 5.92 1.18	30 20 26 30 53	2019 2019 2019 2019 2018 2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies Subsidies do not distort fair competition and economic development 2.4.09 · State ownership of enterprises	6.23 8.00 7.10 6.35 2.27 3.45	6.06 6.93 6.52 5.92 1.18	30 20 26 30 53	2019 2019 2019 2019 2018
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies Subsidies do not distort fair competition and economic development 2.4.09 · State ownership of enterprises State ownership of enterprises is not a threat to business activities	6.23 8.00 7.10 6.35 2.27 3.45 7.21	6.06 6.93 6.52 5.92 1.18 5.45 6.04	30 20 26 30 53 58	2019 2019 2019 2019 2019 2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies Subsidies do not distort fair competition and economic development 2.4.09 · State ownership of enterprises State ownership of enterprises is not a threat to business activities 2.4.10 · Competition legislation	6.23 8.00 7.10 6.35 2.27 3.45 7.21	6.06 6.93 6.52 5.92 1.18 5.45 6.04	30 20 26 30 53 58	2019 2019 2019 2019 2019 2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies Subsidies do not distort fair competition and economic development 2.4.09 · State ownership of enterprises State ownership of enterprises is not a threat to business activities 2.4.10 · Competition legislation Competition legislation is efficient in preventing unfair competition	6.23 8.00 7.10 6.35 2.27 3.45 7.21 5.06	6.06 6.93 6.52 5.92 1.18 5.45 6.04 5.77	30 20 26 30 53 58 16 46	2019 2019 2019 2019 2019 2019 2019 2019
Protectionism of your government does not impair the conduct of your business 2.4.03 · Public sector contracts Public sector contracts are sufficiently open to foreign bidders 2.4.04 · Foreign investors Foreign investors are free to acquire control in domestic companies 2.4.05 · Capital markets Capital markets (foreign and domestic) are easily accessible 2.4.06 · Investment incentives Investment incentives are attractive to foreign investors 2.4.07 · Government subsidies To private and public companies as a percentage of GDP 2.4.08 · Subsidies Subsidies do not distort fair competition and economic development 2.4.09 · State ownership of enterprises State ownership of enterprises is not a threat to business activities 2.4.10 · Competition legislation Competition legislation is efficient in preventing unfair competition 2.4.11 · Parallel economy	6.23 8.00 7.10 6.35 2.27 3.45 7.21 5.06	6.06 6.93 6.52 5.92 1.18 5.45 6.04 5.77	30 20 26 30 53 58 16 46	2019 2019 2019 2019 2019 2019 2019

Registered new businesses per l'000 people aged 15-64	F.0/		Ε0.	2019
2.4.13 · Creation of firms	5.06	6.46	50	201
Creation of firms is supported by legislation	245	140	F./	2018
2.4.14 · Start-up days	24.5	14.9	56	2010
Number of days to start a business			4-	2010
2.4.15 · Start-up procedures	8.0	6.0	47	2018
Number of procedures to start a business				201
2.4.16 · Labor regulations	4.46	5.24	46	2019
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
2.4.17 · Unemployment legislation	5.06	5.01	34	2019
Unemployment legislation provides an incentive to look for work				
2.4.18 · Immigration laws	5.87	5.83	33	2019
Immigration laws do not prevent your company from employing foreign labor				
2.4.19 · Redundancy costs	11.6	9.4	44	2018
Number of weeks of salary				
2.4.99 · Customs' authorities	6.47	5.92	31	2018
Customs' authorities do facilitate the efficient transit of goods				
2.4.99 · Ease of doing business	3.96	5.15	47	2018
Ease of doing business is supported by regulations				
2.5 · Societal Framework	Value	Average	Rank	Year
2.5.01 · Justice	5.39	5.68	38	2019
Justice is fairly administered				
2.5.02 · Homicide	0.6	4.6	- 11	201
Intentional homicide, rate per 100'000 population				
2.5.03 · Ageing of population	19.3	14.3	47	2018
Population over 65, percentage of total population				
2.5.04 · Risk of political instability	5.64	5.79	35	201
The risk of political instability is very low	5.01	3.,,	- 55	
2.5.05 · Social cohesion	5.52	5.46	29	201
Social cohesion is high	3.32	3.10		
2.5.06 · Gini coefficient	25.90	35.20	4	201
Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)	23.70	33.20		
	4.10	2.73		201
2.5.07 · Income distribution - lowest 10%	4.10	2.73		
Percentage of household incomes going to lowest 10% of households	21.70	27.00		201
2.5.08 · Income distribution - highest 10%	21.60	26.89		
Percentage of household incomes going to highest 10% of households	0.00	0.20	20	201
2.5.09 · Income share held by lowest 60% - growth	0.00	0.28	29	201
Percentage change of household incomes going to lowest 60% of households	F. (0		42	201
2.5.10 · Equal opportunity	5.68	6.06	43	201
Equal opportunity legislation in your economy encourages economic development				201
2.5.11 · Females in parliament	21.10	25.22	38	201
Percentage of total seats in Parliament				201
2.5.12 · Unemployment rate - gender ratio	1.56	1.38	52	2018
Difference between the female and male unemployement rates				2011
2.5.13 · Gender inequality	0.124	0.189	31	201
Gender Inequality Index (UNDP)				
2.5.14 · Disposable Income	79.4	71.1	21	201
Female / male ratio				
2.5.99 · Ageing of society	3.85	4.54	39	201
Ageing of society is not a burden for economic development				
2.5.99 Personal security and private property rights	7.65	6.67	27	2018

3 · Business Efficiency

5 Dusiness Emercine				
3.1 · Productivity & Efficiency	Value	Average	Rank	Year
3.1.01 · Overall productivity (PPP)	71,003	79,104	36	2018
Estimates: GDP (PPP) per person employed, US\$				
3.1.02 · Overall productivity (PPP) - real growth	2.01	1.36	27	2018
Estimates: Percentage change of GDP (PPP) per person employed				
3.1.03 · Labor productivity (PPP)	39.71	44.82	33	2018
Estimates: GDP (PPP) per person employed per hour, US\$				
3.1.04 · Agricultural productivity (PPP)	57,043	49,157	21	2018
Estimates: Related GDP (PPP) per person employed in agriculture, US\$				
3.1.05 · Productivity in industry (PPP)	59,880	100,569	50	2018
Estimates: Related GDP (PPP) per person employed in industry, US\$				
3.1.06 · Productivity in services (PPP)	85,404	78,649	26	2018
Estimates: Related GDP (PPP) per person employed in services, US\$				
3.1.07 · Workforce productivity	6.81	6.14	21	2019
Workforce productivity is competitive by international standards				
3.1.08 · Large corporations	6.42	6.69	42	2019
Large corporations are efficient by international standards				
3.1.09 · Small and medium-size enterprises	6.45	6.03	27	2019
Small and medium-size enterprises are efficient by international standards		3,00		
3.1.10 · Use of digital tools and technologies	6.19	6.07	29	2019
Companies are very good at using digital tools and technologies to improve performance	0.17	0.07	_,	
companies at a ray good at using agram tools and teamorages to improve personnance				
3.2 · Labor Market	V.I.	A	Б	V
	Value	Average		
3.2.01 · Compensation levels	8.38	13.64	32	2018
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				2016
3.2.02 · Unit labor costs for total economy	6.26	2.23	47	2018
Percentage change				2010
3.2.03 · Remuneration in services professions	15,563	28,097	23	2018
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	13,790	18,893		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Nurse	11,036	18,792		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Primary school teacher	14,454	30,286		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Product Manager	25,298	48,626		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Sales Assistant	13,755	29,496		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Secretary / Personal	15,042	22,488		2018
Gross annual income including supplements such as bonuses, in US\$				
3.2.04 · Remuneration of management	110,667	168,492	20	2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	213,155	304,252		2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Director manufacturing	92,946	148,688		2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Engineer	41,690	79,567		2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Human resources director	94,876	141,460		2018
Total base salary plus bonuses and long-term incentives, US\$				
3.2.05 · Remuneration spread	14.17	17.63	27	2018
· · · ·				

Patie of CEO to payable assistant varyupowation				
Ratio of CEO to personal assistant remuneration 3.2.06 · Working hours	1,788	1,838	35	2018
Average number of working hours per year	1,700	1,030	33	
3.2.07 · Worker motivation	5.45	5.85	39	2019
Worker motivation in companies is high	3.13	3.03	3,	
3.2.08 · Industrial disputes	0.00	11.29	- 1	2013
Working days lost per 1,000 inhabitants per year (average 2015-2017)	0.00	11.27	- '	
3.2.09 · Apprenticeships	3.80	5.03	57	2019
Apprenticeships are sufficiently implemented	5.00	3.03	3,	
3.2.10 · Employee training	5.57	5.94	40	2019
Employee training is a high priority in companies	3.37	3.71	10	
3.2.11 · Labor force	5.42	41.32	36	2018
Employed and registered unemployed (millions)	5.72	71.32	30	
3.2.12 · Labor force (%)	50.96	50.35	26	2018
Percentage of population	30.76	30.33	20	
	0.72	0.98	39	2018
3.2.13 · Labor force growth	0.72	0.76	37	
Percentage change	1.24	1.50	20	2018
3.2.14 · Labor force long-term growth	1.24	1.59	29	
Estimates: % of population, percentage change in 4 years	F 24	1417	47	2017
3.2.15 · Part-time employment	5.36	14.17	46	2017
Percentage of total employment	11.10	42.01	20	2010
3.2.16 · Female labor force	44.69	43.01	39	2018
Percentage of total labor force				2017
3.2.17 · Foreign labor force	10.41	14.71	21	2017
Percentage of total labor force				
3.2.18 · Skilled labor	3.58	5.41	56	2019
Skilled labor is readily available				
3.2.19 · Finance skills	5.29	6.27	51	2019
Finance skills are readily available				
3.2.20 · Attracting and retaining talents	6.84	6.75	33	2019
Attracting and retaining talents is a priority in companies				
3.2.21 · Brain drain	4.58	4.88	34	2019
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
3.2.22 · Foreign highly-skilled personnel	4.61	5.36	43	2019
Foreign highly-skilled personnel are attracted to your country's business environment				
3.2.23 · International experience	4.81	5.61	51	2019
International experience of senior managers is generally significant				
3.2.24 · Competent senior managers	4.42	5.46	53	2019
Competent senior managers are readily available				
3.2.99 · Labor relations	6.82	6.24	21	2018
Labor relations are generally productive				
3.3 ·Finance	Value	Average	Rank	Year
				2018
3.3.01 · Banking sector assets	100.86	145.18	39	2010
Percentage of GDP	1.22	2.20		2010
3.3.02 · Financial cards in circulation	1.23	3.39	53	2018
Number of cards per capita				2010
3.3.03 · Financial card transactions	5,776	10,482	38	2018
US\$ per capita				
3.3.04 · Access to financial services	80.99	82.69	40	2017
Proportion of adults with a bank account or mobile-money-service provider				26:1
3.3.05 · Access to financial services - gender ratio	0.94	0.96	45	2017
Difference between the female and male access to a bank account or mobile-money-service provider				
3.3.06 · Banking and financial services	5.90	6.09	39	2019
Banking and financial services do support business activities efficiently				
3.3.07 · Regulatory compliance (banking laws)	7.00	6.78	33	2019
Regulatory compliance is sufficiently developed				
3.3.08 · Stock markets	4.84	5.54	43	2019
Stock markets provide adequate financing to companies				
•				

2.2.00 Co	20.0	10444	F.0	2018
3.3.09 · Stock market capitalization (\$bn)	28.0	1,066.4	50	2016
US\$ billions	11.41	70.72	F /	2018
3.3.10 · Stock market capitalization (%)	11.41	79.72	56	2010
Percentage of GDP 3.3.11 · Value traded on stock markets	FF0	17722	20	2018
	550	17,733	39	2010
US\$ per capita	15	707	(2	2015
3.3.12 · Listed domestic companies	15	707	62	2013
Number of listed domestic companies	0.01	(10	10	2018
3.3.13 · Stock market index	8.01	6.10	18	2010
Percentage change on index in national currency	(12	4.72	24	2019
3.3.14 · Shareholders' rights	6.42	6.73	36	2017
Shareholders' rights are sufficiently implemented	207.2	2.055.1	4.4	2016
3.3.15 · Initial Public Offerings	297.3	2,955.1	44	2010
By acquiror nation (average 2016-2018) US\$ millions	4.02	F 00	27	2019
3.3.16 · Credit	6.03	5.88	37	2017
Credit is easily available for business	F 22	F 12	2.1	2019
3.3.17 · Venture capital	5.32	5.13	31	2017
Venture capital is easily available for business	4 120	1.145	_	2015
3.3.18 · M&A Activity	6.138	1.163	2	2015
Deals per listed company (average 2015-2017)				2010
3.3.19 · Corporate debt	6.52	5.85	24	2019
Corporate debt does not restrain the ability of enterprises to compete				2010
3.3.99 · Finance and banking regulation	7.29	6.44	17	2018
Finance and banking regulation is sufficiently adequate				
3.3.99 · Financial risk factor	6.90	5.93	14	2018
The risk factor in the financial system (new financial instruments, non-performing loans, transparency) is adequately addressed				
3.4 · Management Practices	Value	Average	Rank	Year
3.4.01 · Agility of companies	5.80	5.95	35	2019
Companies are agile				
3.4.02 · Changing market conditions	6.49	6.58	42	2019
Companies are generally extremely aware of changing market conditions				
3.4.03 · Opportunities and threats	5.77	6.02	41	2019
Companies are very good at responding quickly to opportunities and threats				
3.4.04 · Credibility of managers	5.29	6.03	48	2019
Credibility of managers in society is strong				
3.4.05 · Corporate boards	5.52	6.03	44	2019
Corporate boards do supervise the management of companies effectively				
3.4.06 · Auditing and accounting practices	7.13	7.16	33	2019
Auditing and accounting practices are adequately implemented in business				
3.4.07 · Use of big data and analytics	4.90	5.07	36	2019
Companies are very good at using big data and analytics to support decision-making				
3.4.08 · Customer satisfaction	6.39	6.88	47	2019
Customer satisfaction is emphasized in companies				
3.4.09 · Entrepreneurship	5.74	5.94	38	2019
Entrepreneurship of managers is widespread in business	• • • • • • • • • • • • • • • • • • • •			
3.4.10 · Social responsibility	5.19	5.84	44	2019
Social responsibility of business leaders is high				
3.4.11 · Women in management	24.64	31.70	48	2017
Female share of senior and middle management (% of management)	2 7	31.70		
3.4.12 · Women on boards	7.70	18.25	47	2018
Boardmembers of all companies analyzed by MSCI	7.70	10.23	.,	
3.4.99 · Ethical practices	5.69	6.22	38	2018
	3.07	0.22	50	
Ethical practices are implemented in companies				
2.F. A444day and Walters				
3.5 · Attitudes and Values	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization	5.90	6.37	41	2019
		0.57	• • •	

3.5.02 · Image abroad or branding	6.32	6.22	34	2019
The image abroad of your country encourages business development				
3.5.03 · National culture	5.84	6.68	50	2019
The national culture is open to foreign ideas				
3.5.04 · Flexibility and adaptability	6.35	6.55	39	2019
Flexibility and adaptability of people are high when faced with new challenges				
3.5.05 · Need for economic and social reforms	5.10	5.79	43	2019
The need for economic and social reforms is generally well understood				
3.5.06 · Digital transformation in companies	5.32	5.66	39	2019
Digital transformation in companies is generally well understood				
3.5.07 · Value system	6.42	6.16	31	2019
The value system in your society supports competitiveness				
3.5.99 · Corporate values	6.23	6.35	37	2018

Corporate values take into account the values of employees

4.2.01 · Investment in Telecommunications

CZECH REPUBLIC

4 · Infrastructure

4.1 ·Basic Infrastructure	Value	Average	Rank	Ye
4.1.01 · Land area	79	1,478	44	20
Square kilometers ('000)				
4.1.02 · Arable area	2,404	3,111	27	2
Square meters per capita				
4.1.03 · Water resources	1,247	19,246	48	2
Total internal renewable per capita in cubic meters				
1.1.04 · Access to water	7.97	8.00	37	2
Access to water is adequately ensured and managed				
I.I.05 · Management of cities	6.39	6.60	38	2
Management of cities supports business development				
.1.06 · Population - market size	10.63	83.80	36	:
Estimates in millions				Т
I.I.07 · Population - growth	0.36	0.79	43	-
Percentage change				Т
I.I.08 · Population under 15 years	15.8	18.9		2
Percentage of total population				
1.1.09 · Population over 65 years	19.3	14.3		7
Percentage of total population				
1.1.10 · Dependency ratio	53.9	50.2	45	:
Population under 15 and over 64 years old, divided by active population (15 to 64 years)				
I.I.II · Roads	1.66	1.22	12	:
Density of the network, km roads/square km land area				
.1.12 · Railroads	0.119	0.047	4	:
Density of the network, km per square km				
1.1.13 · Air transportation	5,451	62,185	50	-
Number of passengers carried by main companies, thousands	3,131	02,100	50	
I.I.14 · Quality of air transportation	7.10	7.12	37	
Quality of air transportation encourages business development	7.10	7.12	37	
I.1.15 · Distribution infrastructure	7.39	7.07	33	2
The distribution infrastructure of goods and services is generally efficient	7.57	7.07	33	
I.1.16 · Energy infrastructure	8.26	7.09	18	2
Energy infrastructure is adequate and efficient	0.20	7.07	10	
4.1.17 · Total indigenous energy production	27.38	178.96	34	2
Millions MTOE	27.30	170.70	34	
	65.9	106.0	30	2
I.1.18 · Total indigenous energy production (%)	63.7	106.0	30	
Percentage of total requirements in tons of oil equivalent	25.40	125.72	27	
I.1.19 · Total final energy consumption	25.40	125.73	27	
Millions MTOE	2.40	2.42	41	
4.1.20 · Total final energy consumption per capita	2.40	2.43	41	_
MTOE per capita	2.22	0.100		
I.1.21 · Electricity costs for industrial clients	0.096	0.103	28	-
US\$ per kwh				_
I.1.99 · Access to commodities	8.35	8.08	35	2
Access to commodities (basic resources, food, etc.) is adequately addressed				_
I.1.99 · Maintenance and development	4.71	5.97	49	2
Maintenance and development of infrastructure are adequately planned and financed				
.1.99 · Water transportation	5.47	6.94	50	- 1
Water transportation (harbors, canals, etc.) meets business requirements				

0.47 25 2018

0.45

Percentage of GOP
3.6 & 4.6 market. % of mobile market 4.2.0.3 'Mobile Telephone costs 4.2.0.4 'Communications technology 7.2.6 7.71 48 2019 Communications technology (voice and data) meets business requirements 4.2.0.4 'Communications technology (voice and data) meets business requirements 4.2.0.5 'Computers in use Worldwide shared Source: Computer Industry Almanac 4.2.0.6 'Computers per capita Number of computers per capita 1.2.0.7 'Internet users 1.2.0.7 'Internet users 1.2.0.8 'Broadband subscribers 1.2.0.8 'Broadband subscribers 1.2.0.9 'Broadband subscribers 1.2.0.9 'Broadband subscribers 1.2.0.9 'Internet bandwidth speed 1.2.1.0 'Digital/Technological skills 1.2.1.1 'Qualified engineers 1.2.1.1 'Qualified engineers 1.2.1.2 'Public-private partnerships 1.2.1.1 'Qualified engineers 1.2.1.2 'Public-private partnerships 1.2.1.3 'Development and application of technology 1.2.1.4 'Life private score ventures are supporting technological development 1.2.1.1 'Public private partnerships 1.2.1.1 'Public private pa
A.2.03 · Mobile Telephone costs 16.6 29 2017 Monthly Blended Average Revenue per User
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Communications technology (voice and data) meets business requirements 4.2.05 · Computers in use 0.35
4.2.05 · Computers in use 0.35 1.35 35 2017 Worldwide share/ Source: Computer Industry Almanac 4.2.06 · Computers per capita 89 713 31 2017 Number of computers per 1000 people! Source: Computer Industry Almanac 4.2.07 · Internet users 84 736 28 2017 Number of internet users per 1000 people! Source: Computer Industry Almanac 4.2.08 · Broadband subscribers 386 369 29 2017 Number of subscriptions per 1000 inhabitants 4.2.09 · Broadband subscribers 386 369 29 2017 Number of subscriptions per 1000 inhabitants 4.2.09 · Internet bandwidth speed 23,7 8.5 24 2018 Average speed 4.2.10 · Digital/Technological skills 6,7 6,9 39 2019 Digital/Technological skills are readily available 4.2.11 · Qualified engineers 25,26 6,49 56 2019 Qualified engineers 25,26 6,49 50 2019 Qualified engineers are available in your labor market 4.2.12 · Public-private partnerships 5,10 5,96 49 2019 Public and private sector ventures are supporting technological development 4.2.13 · Development and application of technology are supported by the legal environment 4.2.14 · Funding for technological development 5,55 5,88 41 2019 Evaluation of technological development 25,10 31,268 20 2017 USS millions 21,107 31,268 20 2017 USS millions 21,107 31,268 20 2017 USS millions 21,107 31,58 20 2017 Valua 4,117 · ICT service exports 33,5 3,67 30 2018 Verencage of service exports 33,5 3,67 30 2018 Valua 4,219 · Technological cooperation 5,73 5,67 30 2018 Valua 4,219 · Technological cooperation between companies is developed 2018 2019 2019 Valua 4,219 · Technological cooperation 2,219 · Technological cooperation between companies is developed 2019
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4.2.11 \ Qualified engineers 5.26 6.49 56 2019 Qualified engineers are available in your labor market 4.2.12 \ \ Public-private partnerships 5.10 5.96 49 2019 2
Qualified engineers are available in your labor market 4.2.12 · Public-private partnerships 5.10 5.96 49 2019 Public and private sector ventures are supporting technological development 4.2.13 · Development and application of technology 5.94 6.41 44 2019 Development and application of technology are supported by the legal environment 4.2.14 · Funding for technological development 5.55 5.88 41 2019 Funding for technological development is readily available 4.2.15 · High-tech exports (\$) 21,070 31,268 20 2017 US\$ millions 4.2.16 · High-tech exports (%) 12.77 13.58 29 2017 Percentage of manufactured exports 4.2.17 · ICT service exports 33.5 27.3 17 2017 Percentage of service exports 4.2.18 · Cyber security 6.13 5.80 28 2019 Cyber security is being adequately addressed by corporations 4.2.99 · Technological cooperation 5.73 5.67 30 2018 Technological cooperation
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4.3.01 · Total expenditure on R&D (\$) 3,867 25,527 32 2017
US\$ millions
4.3.02 · Total expenditure on R&D (%) 1.79 1.46 21 2017
Percentage of GDP
4.3.03 · Total expenditure on R&D per capita (\$) 365.1 557.5 28 2017
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US\$ per capita
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017
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4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 I8,988 3I 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) I.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel Full-time work equivalent (FTE thousands) 69.7 204.5 26 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 I8,988 3I 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 4.3.07 · Total R&D personnel per capita 6.59 4.57 17 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 4.3.07 · Total R&D personnel per capita 6.59 4.57 17 2017 Full-time work equivalent (FTE) per 1000 people
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 4.3.07 · Total R&D personnel per capita 6.59 4.57 17 2017 Full-time work equivalent (FTE) per 1000 people 40.0 150.9 26 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 69.7 204.5 26 2017 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 6.59 4.57 17 2017 Full-time work equivalent (FTE) per 1000 people 43.08 · Total R&D personnel in business enterprise 40.0 150.9 26 2017 Full-time work equivalent (FTE thousands) 40.0 150.9 26 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 4.3.07 · Total R&D personnel per capita 6.59 4.57 17 2017 Full-time work equivalent (FTE) per 1000 people 4.3.08 · Total R&D personnel in business enterprise 40.0 150.9 26 2017 Full-time work equivalent (FTE thousands) 4.3.09 · Total R&D personnel in business per capita 3.77 2.78 20 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 4.3.07 · Total R&D personnel per capita 6.59 4.57 17 2017 Full-time work equivalent (FTE) per 1000 people 4.3.08 · Total R&D personnel in business enterprise 40.0 150.9 26 2017 Full-time work equivalent (FTE thousands) 4.3.09 · Total R&D personnel in business per capita 3.77 2.78 20 2017 Full-time work equivalent (FTE) per 1000 people 3.77 2.78 20 2017
4.3.04 · Business expenditure on R&D (\$) 2,430 18,988 31 2017 US\$ millions 4.3.05 · Business expenditure on R&D (%) 1.12 0.97 20 2017 Percentage of GDP 4.3.06 · Total R&D personnel 69.7 204.5 26 2017 Full-time work equivalent (FTE thousands) 4.3.07 · Total R&D personnel per capita 6.59 4.57 17 2017 Full-time work equivalent (FTE) per 1000 people 4.3.08 · Total R&D personnel in business enterprise 40.0 150.9 26 2017 Full-time work equivalent (FTE thousands) 4.3.09 · Total R&D personnel in business per capita 3.77 2.78 20 2017

4.3.11 · Science degrees	33.40	34.67	35	2014
Percentage of total first university degrees in science and engineering		- 1121		
4.3.12 · Scientific articles	15,963	34,843	24	2016
Scientific articles published by origin of author	,			
4.3.13 · Nobel prizes	I	9	21	2018
Awarded in physics, chemistry, physiology or medicine and economics since 1950				
4.3.14 · Nobel prizes per capita	0.09	0.19	20	2018
Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people				
4.3.15 · Patent applications	2,185	51,847	36	2017
Number of applications filed by applicant's origin				
4.3.16 · Patent applications per capita	20.63	82.67	31	2017
Number of applications filed by applicant's origin, per 100,000 inhabitants				
4.3.17 · Patent grants	1,284	22,349	33	2017
Number of patents granted by applicant's origin (average 2014-2016)				
4.3.18 · Number of patents in force	68.0	341.1	30	2017
by applicant's origin, per 100,000 inhabitants				
4.3.19 · Medium- and high-tech value added	50.51	37.98	П	2015
Proportion of total manufacturing value added, expressed as a percentage				
4.3.20 · Scientific research legislation	5.42	5.85	38	2019
Laws relating to scientific research do encourage innovation				
4.3.21 · Intellectual property rights	6.90	6.53	25	2019
Intellectual property rights are adequately enforced				
4.3.22 · Knowledge transfer	4.29	5.34	51	2019
Knowledge transfer is highly developed between companies and universities				
4.3.99 · Innovative capacity	5.73	5.72	34	2018
Innovative capacity of firms (to generate new products, processes and/or services) is high in your economy				
4.3.99 · Researchers and scientists	5.23	4.86	27	2018
Researchers and scientists are attracted to your country				
4.3.99 · Scientific research	5.92	5.42	26	2018
4.3.99 · Scientific research Scientific research (public and private) is high by international standards	5.92	5.42	26	2018
	5.92	5.42	26	2018
	5.92 Value	5.42 Average		
Scientific research (public and private) is high by international standards				
Scientific research (public and private) is high by international standards 4.4 · Health and Environment	Value	Average	Rank	Year
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure	Value	Average	Rank	Year
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP	Value 7.1	Average 7.4	Rank 33	Year 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita	Value 7.1	Average 7.4	Rank 33	Year 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita	Value 7.1 1,320	Average 7.4 2,339	Rank 33	Year 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%)	Value 7.1 1,320	Average 7.4 2,339	Rank 33	Year 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure	Value 7.1 1,320 81.88	Average 7.4 2,339 66.07	Rank 33 33	Year 2016 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure	Value 7.1 1,320 81.88	Average 7.4 2,339 66.07	Rank 33 33	Year 2016 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society	Value 7.1 1,320 81.88 6.42	Average 7.4 2,339 66.07 5.72	Rank 33 33 8	Year 2016 2016 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index	Value 7.1 1,320 81.88 6.42	Average 7.4 2,339 66.07 5.72	Rank 33 33 8	Year 2016 2016 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services	Value 7.1 1,320 81.88 6.42	Average 7.4 2,339 66.07 5.72	Rank 33 33 8 29	Year 2016 2016 2019 2015
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate	Value 7.1 1,320 81.88 6.42	Average 7.4 2,339 66.07 5.72	Rank 33 33 8 29	Year 2016 2016 2019 2015
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth	Value 7.1 1,320 81.88 6.42 73	Average 7.4 2,339 66.07 5.72 74	Rank 33 33 8 29 38 32	Year 2016 2016 2019 2015
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate	Value 7.1 1,320 81.88 6.42 73	Average 7.4 2,339 66.07 5.72 74	Rank 33 33 8 29 38 32	Year 2016 2016 2019 2015
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy	Value 7.1 1,320 81.88 6.42 73 78.9	Average 7.4 2,339 66.07 5.72 74 78.2 69.5	Rank 33 33 8 29 38 32	Year 2016 2016 2016 2019 2015 2017
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality	Value 7.1 1,320 81.88 6.42 73 78.9	Average 7.4 2,339 66.07 5.72 74 78.2 69.5	Rank 33 33 8 29 38 32	Year 2016 2016 2016 2019 2015 2017
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births	Value 7.1 1,320 81.88 6.42 73 78.9	Average 7.4 2,339 66.07 5.72 74 78.2 69.5	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2017 2015 2017
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance	Value 7.1 1,320 81.88 6.42 73 78.9	Average 7.4 2,339 66.07 5.72 74 78.2 69.5	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2017 2015 2017
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse	Value 7.1 1,320 81.88 6.42 73 78.9 69.5	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2019 2017 2018
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse Number of inhabitants per physician and per nurse	Value 7.1 1,320 81.88 6.42 73 78.9 69.5	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2019 2017 2018
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2017 2018 2017 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita U\$\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2017 2018 2017 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse 4.4.10 · Urban population	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2 209.15 485.47	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2019 2017 2018 2017 2016 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse 4.4.10 · Urban population Percentage of total population	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2 209.15 485.47 76	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2019 2017 2018 2017 2016 2016
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse 4.4.10 · Urban population Percentage of total population 4.4.11 · Human development index	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2 209.15 485.47	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2016 2017 2018 2016 2016 2016 2018
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse 4.4.10 · Urban population Percentage of total population 4.4.11 · Human development index Combines economic - social - educational indicators/ Source: Human Development Report	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2 209.15 485.47 76 0.851	Rank 33 33 8 29 38 32 31 13 14	Year 2016 2016 2016 2017 2018 2016 2016 2016 2018
Scientific research (public and private) is high by international standards 4.4 · Health and Environment 4.4.01 · Total health expenditure Percentage of GDP 4.4.02 · Total health expenditure per capita US\$ per capita 4.4.03 · Public expenditure on health (%) Percentage of total health expenditure 4.4.04 · Health infrastructure Health infrastructure meets the needs of society 4.4.05 · Universal health care covereage index Index (0-80) measuring coverage of essential health services 4.4.06 · Life expectancy at birth Average estimate 4.4.07 · Healthy life expectancy Average estimate 4.4.08 · Infant mortality Under five mortality rate per 1000 live births 4.4.09 · Medical assistance Number of inhabitants per physician and per nurse Medical assistance / Per nurse Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse Medical assistance / Per physician Number of inhabitants per physician and per nurse 4.4.10 · Urban population Percentage of total population 4.4.11 · Human development index	Value 7.1 1,320 81.88 6.42 73 78.9 69.5 3.3 118.43 265.23 73 0.888	Average 7.4 2,339 66.07 5.72 74 78.2 69.5 8.2 209.15 485.47 76	Rank 33 33 8 29 38 32 31 13	Year 2016 2016 2017 2018 2017 2016 2018 2017

Total energy consumed for each 1000 US\$ of GDP in MTOE	85.2	76.7	25	2015
4.4.13 · Waste water treatment plants	85.2	/6./	25	20.5
Percentage of population served	8.58	41.11	13	2015
4.4.14 · Water consumption intensity Water withdrawal for each 1000 US\$ of GDP in cubic meters	0.30	41.11	13	
	101.4	440.2	22	2016
4.4.15 · CO2 emissions	101.4	448.2	33	20.0
Metric tons of carbon dioxide from fuel combustion	F20.0	440.1	4.0	2016
4.4.16 · CO2 emissions intensity	520.0	440.1	46	2010
CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP	14.00	2011		2017
4.4.17 · Exposure to particle pollution	16.22	20.11	33	2016
Mean population exposure to PM2.5, Micrograms per cubic metre				2014
4.4.18 · Renewable energies (%)	10.4	15.9	33	2016
Share of renewables in total energy requirements, %				
4.4.19 · Forest area growth	0.4	1.4	28	2015
Five year percentage change of hectares				
4.4.20 · Total biocapacity	2.56	3.96	30	2015
Global hectares per capita of biologically productive space				
4.4.21 · Ecological footprint	5.6	5.4	38	2015
Global hectares per person				
4.4.22 · Ecological balance (reserve/deficit)	-2.99	-1.44	43	2015
Total biocapacity minus total footprint in global hectares per capita				
4.4.23 · Environment-related technologies	0.13	1.59	31	2015
Development of environment-related technologies, % inventions worldwide				
4.4.24 · Environmental agreements	83.33	83.39	40	2015
Multilateral agreements on hazardous waste, proportion fulfilled				
4.4.25 · Sustainable development	5.48	6.08	40	2019
Sustainable development is a priority in companies		0.00		
4.4.26 · Pollution problems	6.03	5.77	29	2019
Pollution problems do not seriously affect your economy	0.03	3.77	_,	
4.4.27 · Environmental laws	5.81	6.22	41	2019
Environmental laws and compliance do not hinder the competitiveness of businesses	5.01	0.22	71	
4.4.28 · Quality of life	7.45	6.70	27	2019
Quality of life is high	7.т3	0.70	21	
Quality of life is high				
4.5 · Education	V 1			
		Average		
4.5.01 · Total public expenditure on education	4.6	4.6	31	2017
Percentage of GDP				2017
4.5.02 · Total public expenditure on education per capita	943	1,418	32	2017
US\$ per capita				
4.5.03 · Gov. expenditure on education per student	23.7	21.1	15	2015
Percentage of GDP per capita (secondary education)				
4.5.04 · Total public expenditure on education per student	4,099	6,115	34	2016
Spending per enrolled pupil/student, all levels				
4.5.05 · Pupil-teacher ratio (primary education)	19.15	16.25	50	2016
Ratio of students to teaching staff				
4.5.06 · Pupil-teacher ratio (secondary education)	11.48	13.79	24	2016
Ratio of students to teaching staff				
4.5.07 · Secondary school enrollment	91.0	89.5	33	2016
Percentage of relevant age group receiving full-time education				
4.5.08 · Higher education achievement	33.8	41.6	40	2017
<u> </u>				
Percentage of population that has attained at least tertiary education for persons 25-34				
	25.5	37.9	42	2017
4.5.09 · Women with degrees		37.9	42	2017
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65	25.5			2017
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65 4.5.10 · Student mobility inbound		37.9	42 17	
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65 4.5.10 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants	25.5 4.05	3.14	17	
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65 4.5.10 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants 4.5.11 · Student mobility outbound	25.5			2016
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65 4.5.10 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants 4.5.11 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants	25.5 4.05 1.26	3.14	17 34	2016
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65 4.5.10 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants 4.5.11 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants 4.5.12 · Educational assessment - PISA	25.5 4.05	3.14	17	2016
4.5.09 · Women with degrees Share of women who have a degree in the population 25-65 4.5.10 · Student mobility inbound Foreign tertiary-level students per 1000 inhabitants 4.5.11 · Student mobility outbound National tertiary-level students studying abroad per 1000 inhabitants	25.5 4.05 1.26	3.14	17 34	2016

Educational assessment - PISA / Mathematics	492	475		2015
PISA survey of 15-year olds				
Educational assessment - PISA / Sciences	493	478		201
PISA survey of 15-year olds				
4.5.13 · English proficiency - TOEFL	89	89	35	201
TOEFL scores				
4.5.14 · Primary and secondary education	5.45	6.00	41	201
Primary and secondary education meets the needs of a competitive economy				
4.5.15 · University education	6.06	6.29	40	201
University education meets the needs of a competitive economy				
4.5.16 · Management education	5.90	6.31	43	201
Management education meets the needs of the business community				
4.5.17 · University education index	18.13	31.72	32	201
Country score calculated from Times Higher Education university ranking				
4.5.18 · Illiteracy	1.0	2.7	- 1	201
Adult (over 15 years) illiteracy rate as a percentage of population				
4.5.19 · Language skills	6.10	6.31	37	201
Language skills are meeting the needs of enterprises				
4.5.99 · Educational system	5.77	5.62	33	201
The educational system meets the needs of a competitive economy				
4.5.99 · Science in schools	5.62	5.34	32	201

Science in schools is sufficiently emphasized





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