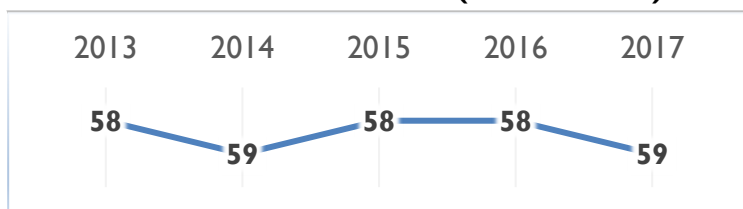


CROATIA

OVERALL PERFORMANCE (63 countries)



CHALLENGES IN 2017

- Stimulate overall GDP growth specifically through FDI and all investment initiatives.
- Implement administrative guillotine making regulatory framework simple and transparent. Fast-track public administration reforms to improve efficiency.
- Decrease business tax burden, especially para-fiscal fees and hidden costs to create a more favorable business environment.
- Reform the education sector, focusing on new skills and competencies in line with future market needs.
- Implement focused measures to increase employment and retain the young, educated work force in Croatia.

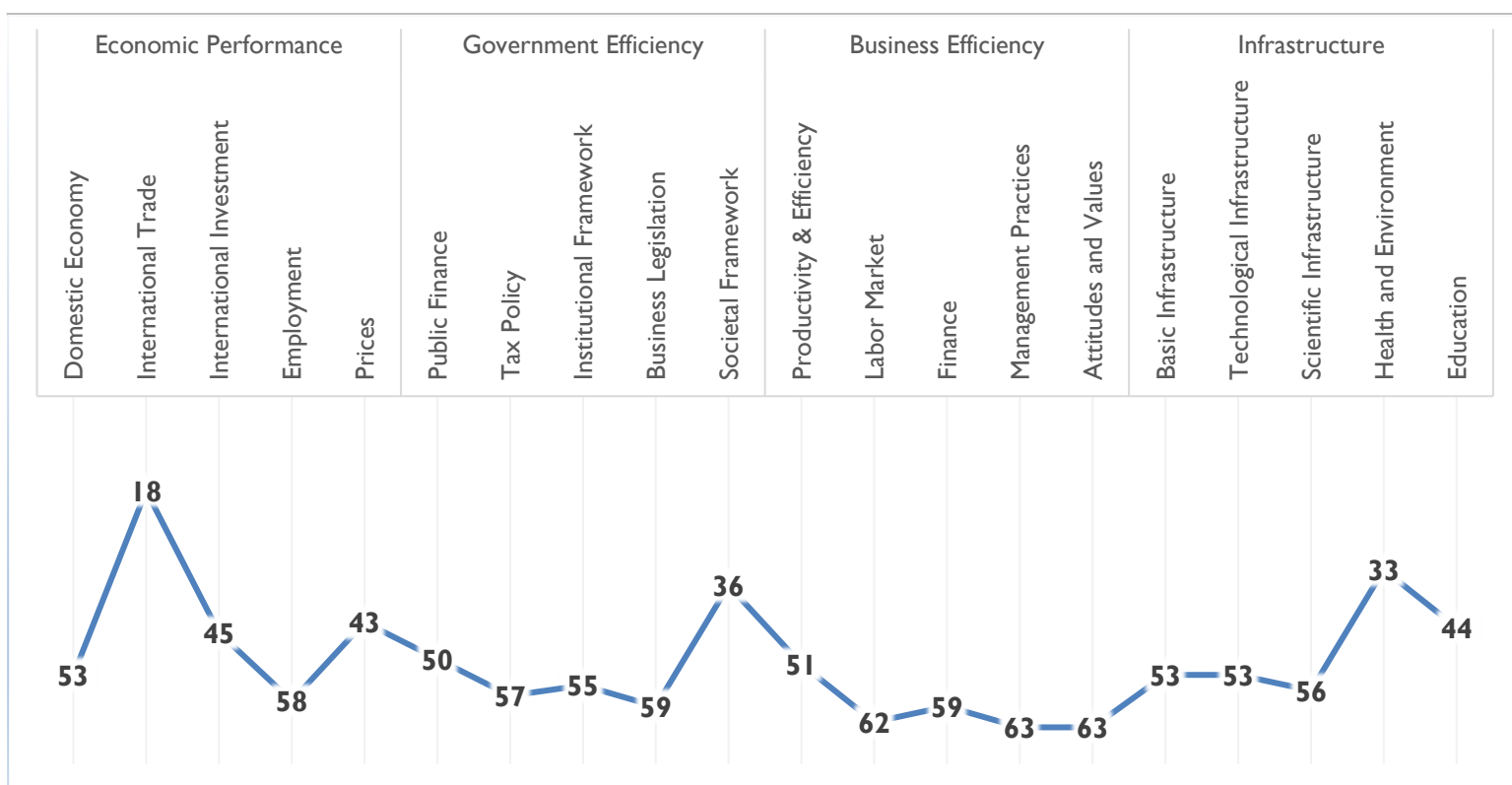
Provided by:

National Competitiveness Council, Zagreb

BASIC FACTS

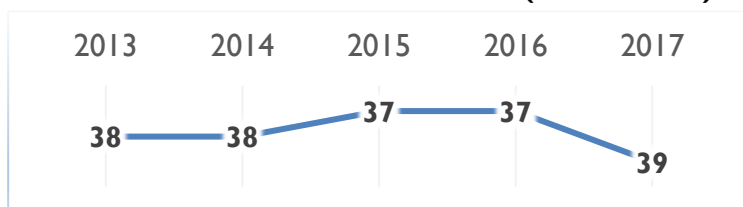
		Rank
Capital	Zagreb	
Land area (square km '000)	57	2016
Exchange Rate (per \$)	6.806	2016
Population - market size (millions)	4.17	2016 54
Gross Domestic Product (GDP) (US\$ billions)	50.4	2016 55
GDP (PPP) per capita (US\$)	22,791	2016 46
Real GDP growth (%)	2.9	2016 19
Consumer price inflation (%)	-1.13	2016 4
Unemployment rate (%)	13.27	2016 58
Labor force (millions)	1.83	2016 54
Current account balance (% of GDP)	2.69	2016 21
Direct investment stocks inward (\$bn)	26.4	2015 56
Direct investment flows inward (% of GDP)	3.74	2016 17

COMPETITIVENESS LANDSCAPE

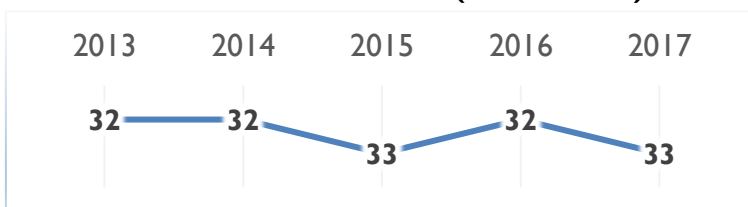


PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (40 countries)



POPULATIONS < 20 MILLION (34 countries)



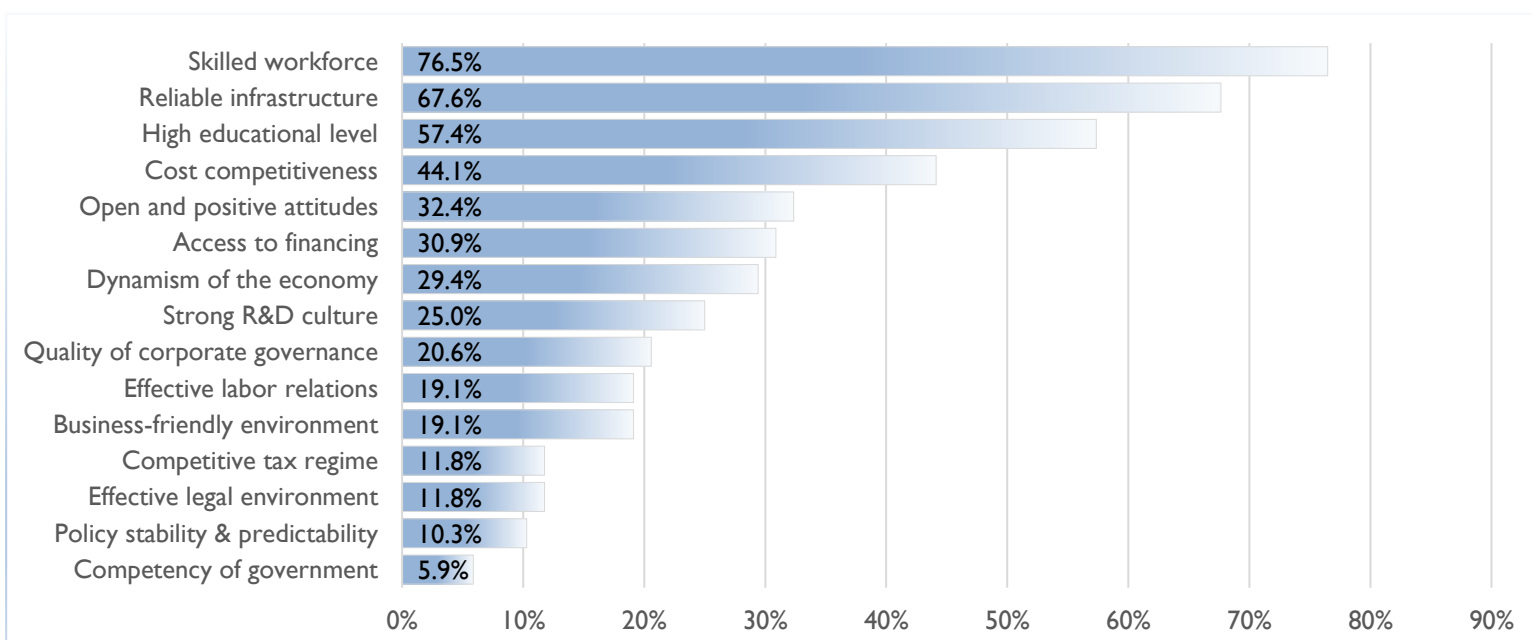
COMPETITIVENESS EVOLUTION

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.

IMPROVEMENTS	WCY	WCY	DECLINES	WCY	WCY
	2016	2017		2016	2017
1.1.14 Real GDP growth	1.6	2.9	1.2.02 Current account balance	5.21	2.69
2.1.09 Public finances	1.59	2.86	4.1.25 Electricity costs for industrial clients	0.120	0.160
2.1.02 Government budget surplus/deficit (%)	-3.20	-0.80	2.5.04 Ageing of society	1.97	1.42
1.1.15 Real GDP growth per capita	2.19	3.71	2.4.18 Unemployment legislation	3.87	2.91
2.3.10 Adaptability of government policy	1.17	1.83	4.5.09 Student mobility inbound	0.20	0.15
4.4.18 Renewable energies (%)	16.4	24.9	4.2.15 Development and application of technology	4.22	3.23
1.4.07 Long-term unemployment	13.20	6.60	2.3.12 Transparency	2.76	2.14
2.4.15 Start-up days	12.0	7.0	2.3.14 Bribery and corruption	2.13	1.69
4.5.03 Public expenditure on education per pupil	18.0	25.3	4.5.15 University education	3.22	2.60
1.5.02 Adjusted consumer price inflation	6.46	4.13	2.4.12 Parallel economy	3.28	2.70
2.2.13 Real corporate taxes	2.48	3.31	3.2.11 Employee training	4.41	3.66
4.2.10 Internet bandwidth speed	6.3	8.2	4.5.14 Science in schools	2.83	2.34
2.3.03 Interest rate spread	7.73	5.40	3.2.23 International experience	3.84	3.23
1.4.08 Youth unemployment	42.70	31.33	4.1.18 Water transportation	5.90	5.00
2.3.09 Legal and regulatory framework	1.97	2.46	4.2.17 Technological regulation	4.69	3.97

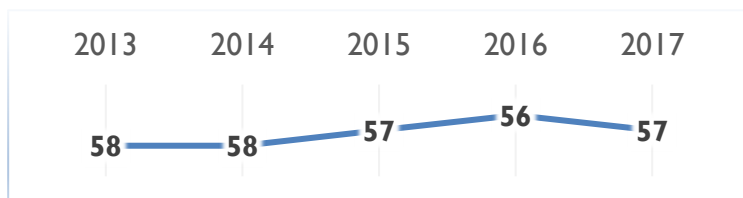
KEY ATTRACTIVENESS INDICATORS

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.



CROATIA

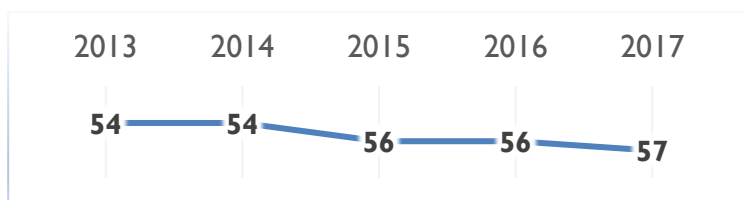
ECONOMIC PERFORMANCE



Sub-Factor Rankings :

	2016	2017
Domestic Economy	58	53
International Trade	24	18
International Investment	52	45
Employment	60	58
Prices	39	43

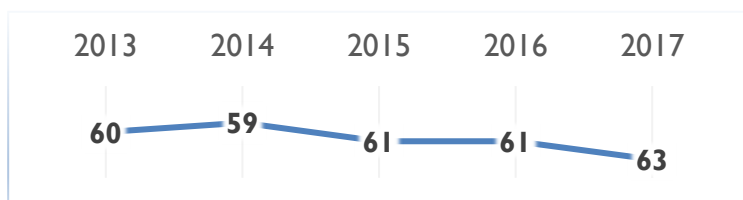
GOVERNMENT EFFICIENCY



Sub-Factor Rankings :

	2016	2017
Public Finance	54	50
Tax Policy	54	57
Institutional Framework	54	55
Business Legislation	55	59
Societal Framework	33	36

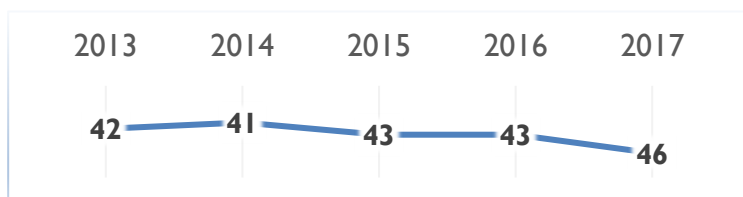
BUSINESS EFFICIENCY



Sub-Factor Rankings :

	2016	2017
Productivity & Efficiency	52	51
Labor Market	60	62
Finance	56	59
Management Practices	60	63
Attitudes and Values	61	63

INFRASTRUCTURE



Sub-Factor Rankings :

	2016	2017
Basic Infrastructure	49	53
Technological Infrastructure	52	53
Scientific Infrastructure	52	56
Health and Environment	34	33
Education	42	44

CROATIA

STRENGTHS

Economic Performance	Rank
1.2.25 Tourism receipts	1
1.2.18 Export concentration by product	1
1.5.05 Office rent	5
1.1.15 Real GDP growth per capita	6
1.2.13 Exports of commercial services (%)	7
1.5.03 Cost-of-living index	12
1.1.18 Gross fixed capital formation - real growth	17
1.3.06 Direct investment flows inward (% of GDP)	17
1.1.14 Real GDP growth	19
1.2.02 Current account balance	21

Government Efficiency	Rank
2.5.14 Disposable Income	2
2.4.01 Tariff barriers	14
2.2.08 Corporate tax rate on profit	15
2.5.03 Homicide	18
2.3.07 Foreign currency reserves per capita	20
2.1.02 Government budget surplus/deficit (%)	21
2.5.07 Gini coefficient	23
2.4.15 Start-up days	26
2.4.20 Redundancy costs	31
2.3.08 Exchange rate stability	33

Business Efficiency	Rank
3.2.06 Working hours	8
3.2.04 Remuneration of management	10
3.2.03 Remuneration in services professions	25
3.2.01 Compensation levels	25
3.2.16 Female labor force	31

Infrastructure	Rank
4.2.01 Investment in Telecommunications	7
4.5.04 Pupil-teacher ratio (primary education)	10
4.5.05 Pupil-teacher ratio (secondary education)	11
4.5.03 Public expenditure on education per pupil	14
4.4.18 Renewable energies (%)	15
4.5.08 Women with degrees	21
4.2.03 Mobile Telephone costs	25
4.4.17 Exposure to particle pollution	26
4.4.08 Medical assistance	27
4.4.01 Total health expenditure	28

WEAKNESSES

Economic Performance	Rank
1.1.19 Resilience of the economy	60
1.4.06 Unemployment rate	58
1.4.02 Employment (%)	58
1.2.08 Exports of goods (\$bn)	57
1.1.13 Diversification of the economy	57
1.4.08 Youth unemployment	56
1.3.07 Direct investment stocks inward (\$bn)	56
1.5.02 Adjusted consumer price inflation	56
1.2.26 Exchange rates	56
1.3.03 Direct investment stocks abroad (\$bn)	55

Government Efficiency	Rank
2.5.04 Ageing of society	63
2.2.12 Real personal taxes	62
2.4.10 State ownership of enterprises	61
2.4.13 Ease of doing business	61
2.3.10 Adaptability of government policy	61
2.3.09 Legal and regulatory framework	61
2.4.19 Immigration laws	60
2.4.18 Unemployment legislation	60
2.3.13 Bureaucracy	60
2.4.03 Protectionism	59

Business Efficiency	Rank
3.5.06 Digital transformation in companies	63
3.2.20 Attracting and retaining talents	63
3.5.04 Flexibility and adaptability	63
3.4.03 Opportunities and threats	63
3.4.05 Credibility of managers	63
3.5.03 National culture	63
3.5.08 Corporate values	63
3.4.10 Entrepreneurship	63
3.4.11 Social responsibility	63
3.2.11 Employee training	63

Infrastructure	Rank
4.2.15 Development and application of technology	62
4.5.15 University education	62
4.2.14 Public-private partnerships	62
4.3.24 Knowledge transfer	62
4.3.25 Innovative capacity	62
4.1.08 Population - growth	61
4.5.16 Management education	61
4.5.14 Science in schools	61
4.2.17 Technological regulation	61
4.5.13 Educational system	61

CROATIA

I · Economic Performance

I.1 · Domestic Economy	Value	Average	Rank	Year
I.1.00 · Exchange Rate	6.806	65.617		2016
National currency per US\$ (average)				
I.1.01 · Gross Domestic Product (GDP)	50.4	1,118.2	55	2016
US\$ billions				
I.1.02 · GDP (PPP)	95.1	1,687.7	54	2016
Estimates ; US\$ billions at purchasing power parity				
I.1.03 · World GDP contribution	0.07	1.49	55	2016
Percentage share of world GDP in market prices				
I.1.04 · Household consumption expenditure (\$bn)	29.4	643.4	54	2016
US\$ billions				
I.1.05 · Household consumption expenditure (%)	58.3	55.5	24	2016
Percentage of GDP				
I.1.06 · Government consumption expenditure (\$bn)	9.9	187.7	52	2016
US\$ billions				
I.1.07 · Government consumption expenditure (%)	19.6	17.4	20	2016
Percentage of GDP				
I.1.08 · Gross fixed capital formation (\$bn)	9.9	352.4	55	2016
US\$ billions				
I.1.09 · Gross fixed capital formation (%)	19.7	23.0	45	2016
Percentage of GDP				
I.1.10 · Gross domestic savings (\$bn)	11.1	302.4	56	2016
US\$ billions				
I.1.11 · Gross domestic savings (%)	22.1	27.1	43	2016
Percentage of GDP				
I.1.12 · Economic sectors				2016
Breakdown of the economic sectors, percentage of GDP				
Economic sectors / Agriculture	4	4		2016
Breakdown as a percentage of GDP				
Economic sectors / Industry	26	29		2016
Breakdown as a percentage of GDP				
Economic sectors / Services	70	67		2016
Breakdown as a percentage of GDP				
I.1.13 · Diversification of the economy	3.34	5.11	57	2017
Diversification of the economy (industries, export markets, etc.) is extensive				
I.1.14 · Real GDP growth	2.9	2.1	19	2016
Percentage change, based on national currency in constant prices				
I.1.15 · Real GDP growth per capita	3.71	1.17	6	2016
Percentage change, based on national currency in constant prices				
I.1.16 · Household consumption expenditure - real growth	3.28	2.33	19	2016
Percentage change, based on constant prices.				
I.1.17 · Government consumption expenditure - real growth	1.70	2.22	29	2016
Percentage change, based on constant prices.				
I.1.18 · Gross fixed capital formation - real growth	4.60	2.50	17	2016
Percentage change, based on constant prices.				
I.1.19 · Resilience of the economy	2.66	5.11	60	2017
Resilience of the economy to economic cycles is strong				
I.1.20 · GDP per capita	12,090	27,262	43	2016
US\$ per capita				
I.1.21 · GDP (PPP) per capita	22,791	36,655	46	2016
Estimates; US\$ per capita at purchasing power parity				
I.1.22 · Forecast: Real GDP growth	3.3	2.5	15	2017

Percentage change, based on national currency in constant prices				
I.1.23 · Forecast: Inflation	1.4	14.2	15	2017
Percentage change				
I.1.24 · Forecast: Unemployment	13.3	7.4	55	2017
Percentage of total labor force				
I.1.25 · Forecast: Current account balance	3.8	1.1	16	2017
Percentage of GDP/GNP				

I.2 · International Trade

	Value	Average	Rank	Year
I.2.01 · Current account balance (\$bn)	1.4	6.6	29	2016
US\$ billions (minus sign = deficit)				
I.2.02 · Current account balance	2.69	1.34	21	2016
Percentage of GDP				
I.2.03 · Balance of trade (\$bn)	-8.0	1.8	46	2016
US\$ billions (minus sign = deficit)				
I.2.04 · Balance of trade (%)	-15.77	-0.04	61	2016
Percentage of GDP				
I.2.05 · Balance of commercial services (\$bn)	8.71	3.13	19	2015
US\$ billions (minus sign = deficit)				
I.2.06 · Balance of commercial services (%)	17.90	2.05	2	2015
Percentage of GDP				
I.2.07 · World exports contribution	0.12	1.49	57	2015
Percentage share of world exports (goods and commercial services)				
I.2.08 · Exports of goods (\$bn)	13.74	237.84	57	2016
US\$ billions				
I.2.09 · Exports of goods (%)	27.24	37.33	32	2016
Percentage of GDP				
I.2.10 · Exports of goods per capita	3,293	10,816	43	2016
US\$ per capita				
I.2.11 · Exports of goods - growth	6.15	-2.97	2	2016
Percentage change, based on US\$ values				
I.2.12 · Exports of commercial services (\$bn)	12.51	70.44	47	2015
US\$ billions				
I.2.13 · Exports of commercial services (%)	25.70	14.77	7	2015
Percentage of GDP				
I.2.14 · Exports of commercial services - growth	-8.02	-6.47	30	2015
Percentage change, based on US\$ values				
I.2.15 · Exports of goods & commercial services	25.45	315.74	57	2015
US\$ billions				
I.2.16 · Exports breakdown by economic sector				2015
Percentage of total exports				
Exports breakdown by economic sector / Agriculture	10	11		2015
Percentage of total exports				
Exports breakdown by economic sector / Industry	41	64		2015
Percentage of total exports				
Exports breakdown by economic sector / Services	49	25		2015
Percentage of total exports				
I.2.17 · Export concentration by partner	53.3	53.5	35	2015
Exports to top 5 countries, percentage of total exports				
I.2.18 · Export concentration by product	27.6	53.3	1	2015
Top 5 products, percentage of total exports				
I.2.19 · Imports of goods & commercial services (\$bn)	24.4	310.8	6	2015
US\$ billions				
I.2.20 · Imports of goods & commercial services (%)	50.1	51.3	40	2015
Percentage of GDP				
I.2.21 · Imports of goods & commercial services - growth	-8.93	-12.78	47	2015
Percentage change, based on US\$ values				
I.2.22 · Imports breakdown by economic sector				2015
Percentage of total imports				

Imports breakdown by economic sector / Agriculture	12	8	2015
Percentage of total imports			
Imports breakdown by economic sector / Industry	72	68	2015
Percentage of total imports			
Imports breakdown by economic sector / Services	16	23	2015
Percentage of total imports			
I.2.23 · Trade to GDP ratio	51.20	52.30	24 2015
(Exports + Imports) / (2 * GDP)			
I.2.24 · Terms of trade index	98.9	98.7	36 2016
Unit value of exports over unit value of imports			
I.2.25 · Tourism receipts	18.15	3.57	1 2015
International tourism receipts as a percentage of GDP			
I.2.26 · Exchange rates	4.00	5.26	56 2017
Exchange rates support the competitiveness of enterprises			

I.3 · International Investment

	Value	Average	Rank	Year
I.3.01 · Direct investment flows abroad (\$bn)	0.28	26.35	51	2016
US\$ billions				
I.3.02 · Direct investment flows abroad (% of GDP)	0.56	3.89	46	2016
Percentage of GDP				
I.3.03 · Direct investment stocks abroad (\$bn)	5.4	392.8	55	2015
US\$ billions				
I.3.04 · Direct investment stocks abroad (% of GDP)	11.19	58.76	43	2015
Percentage of GDP				
I.3.05 · Direct investment flows inward (\$bn)	1.88	28.87	46	2016
US\$ billions				
I.3.06 · Direct investment flows inward (% of GDP)	3.74	4.29	17	2016
Percentage of GDP				
I.3.07 · Direct investment stocks inward (\$bn)	26.4	369.8	56	2015
US\$ billions				
I.3.08 · Direct investment stocks inward (% of GDP)	54.18	73.94	21	2015
Percentage of GDP				
I.3.09 · Balance of direct investment flows (\$bn)	-1.60	-2.52	36	2016
US\$ billions (flows abroad minus flows inward)				
I.3.10 · Balance of direct investment flows (%)	-3.18	-0.40	51	2016
Percentage of GDP (flows abroad minus flows inward)				
I.3.11 · Net position in direct investment stocks (\$bn)	-20.9	23.0	34	2015
US\$ billions (stocks abroad minus stocks inward)				
I.3.12 · Net position in direct investment stocks (%)	-42.99	-15.18	49	2015
Percentage of GDP (stocks abroad minus stocks inward)				
I.3.13 · Relocation threats of production	5.07	4.77	23	2017
Relocation of production is not a threat to the future of your economy				
I.3.14 · Relocation threats of R&D facilities	4.90	4.81	32	2017
Relocation of R&D facilities is not a threat to the future of your economy				
I.3.15 · Relocation threats of services	5.20	4.96	32	2017
Relocation of services is not a threat to the future of your economy				
I.3.16 · Portfolio investment assets	0.26	18.62	48	2015
US\$ billions				
I.3.17 · Portfolio investment liabilities	0.34	17.77	42	2015
US\$ billions				

I.4 · Employment

	Value	Average	Rank	Year
I.4.01 · Employment	1.59	38.62	54	2016
Total employment in millions				
I.4.02 · Employment (%)	38.12	46.59	58	2016
Percentage of population				
I.4.03 · Employment - growth	0.32	1.41	52	2016
Estimates: percentage change				
I.4.04 · Employment by sector				2016
Percentage of total employment				
Employment by sector / Agriculture	7.6	8.9		2016
Percentage of total employment				
Employment by sector / Industry	26.8	23.7		2016
Percentage of total employment				
Employment by sector / Services	65.6	67.3		2016
Percentage of total employment				
I.4.05 · Employment in the public sector	30.00	17.61	57	2015
Percentage of total employment				
I.4.06 · Unemployment rate	13.27	7.62	58	2016
Percentage of labor force				
I.4.07 · Long-term unemployment	6.60	3.04	48	2016
Percentage of labor force				
I.4.08 · Youth unemployment	31.33	17.28	56	2016
Percentage of youth labor force (under the age of 25)				

I.5 · Prices

	Value	Average	Rank	Year
I.5.01 · Consumer price inflation	-1.13	6.24	4	2016
Average annual rate				
I.5.02 · Adjusted consumer price inflation	4.13	5.30	56	2016
Inflation rate minus discount rate (absolute values)				
I.5.03 · Cost-of-living index	62.20	75.24	12	2016
Index of a basket of goods & services in the main city, including housing (New York City = 100)				
I.5.04 · Apartment rent	560	1,473	4	2015
3-room apartment monthly rent in major cities, US\$				
I.5.05 · Office rent	250	667	5	2015
Total occupation cost in the main city (US\$/Sq.M. per year)				
I.5.06 · Food costs	30.54	18.60	53	2015
Percentage of household final consumption expenditures				
I.5.07 · Gasoline prices	1.35	1.12	41	2016
Premium unleaded gasoline (95 Ron) US\$ per litre				

CROATIA

2 · Government Efficiency

2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn)	-0.41	-38.51	19	2016
US\$ billions				
2.1.02 · Government budget surplus/deficit (%)	-0.80	-2.18	21	2016
Percentage of GDP				
2.1.03 · Total general government debt (\$bn)	42.55	960.94	13	2016
US\$ billions				
2.1.04 · Total general government debt (%)	84.38	60.70	50	2016
Percentage of GDP				
2.1.05 · Total general government debt-real growth	1.14	5.69	23	2016
Percentage change, based on national currency in constant prices				
2.1.06 · Central government domestic debt	51.36	37.99	47	2016
Percentage of GDP				
2.1.07 · Central government foreign debt	31.50	18.27	41	2016
Percentage of GDP				
2.1.08 · Interest payment (%)	6.84	6.40	37	2016
Percentage of current revenue				
2.1.09 · Public finances	2.86	4.42	48	2017
Public finances are being efficiently managed				
2.1.10 · Tax evasion	3.63	4.55	40	2017
Tax evasion is not a threat to your economy				
2.1.11 · Pension funding	1.97	3.93	58	2017
Pension funding is adequately addressed for the future				
2.1.12 · General government expenditure	48.4	35.2	54	2016
Percentage of GDP				

2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues	37.08	26.67	53	2015
Percentage of GDP				
2.2.02 · Collected personal income tax	3.57	5.82	26	2015
On profits, income and capital gains, as a percentage of GDP				
2.2.03 · Collected corporate taxes	1.87	2.93	12	2015
On profits, income and capital gains, as a percentage of GDP				
2.2.04 · Collected indirect tax revenues	18.18	9.89	62	2015
Taxes on goods and services as a percentage of GDP				
2.2.05 · Collected capital and property taxes	0.97	1.37	25	2015
Percentage of GDP				
2.2.06 · Collected social security contribution	12.27	7.14	50	2015
Compulsory contribution of employees and employers as a percentage of GDP				
2.2.07 · Effective personal income tax rate	19.45	16.68	37	2016
Percentage of an income equal to GDP per capita				
2.2.08 · Corporate tax rate on profit	20.00	23.59	15	2016
Maximum tax rate, calculated on profit before tax				
2.2.09 · Consumption tax rate	25.00	16.01	58	2016
Standard rate of VAT/GST				
2.2.10 · Employee's social security contribution rate	19.27	9.40	57	2016
Compulsory contribution as a percentage of an income equal to GDP per capita				
2.2.11 · Employer's social security contribution rate	16.57	16.81	35	2016
Compulsory contribution as a percentage of an income equal to GDP per capita				
2.2.12 · Real personal taxes	2.17	4.88	62	2017
Real personal taxes do not discourage people from working or seeking advancement				
2.2.13 · Real corporate taxes	3.31	5.22	56	2017

2.3 · Institutional Framework

	Value	Average	Rank	Year
2.3.01 · Real short-term interest rate	4.17	-0.29	59	2016
Real discount / bank rate				
2.3.02 · Cost of capital	2.63	5.33	58	2017
Cost of capital encourages business development				
2.3.03 · Interest rate spread	5.40	4.29	49	2016
Lending rate minus deposit rate				
2.3.04 · Country credit rating	53.3	69.2	55	2016
Rating on a scale of 0-100 assessed by the Institutional Investor Magazine				
2.3.05 · Central bank policy	4.66	6.04	57	2017
Central bank policy has a positive impact on the economy				
2.3.06 · Foreign currency reserves	14.25	179.78	50	2016
US\$ billions				
2.3.07 · Foreign currency reserves per capita	3,416	6,580	20	2016
US\$ per capita				
2.3.08 · Exchange rate stability	0.084	0.149	33	2016
Parity change from national currency to SDR, 2016 / 2014				
2.3.09 · Legal and regulatory framework	2.46	4.79	61	2017
The legal and regulatory framework encourages the competitiveness of enterprises				
2.3.10 · Adaptability of government policy	1.83	4.16	61	2017
Adaptability of government policy to changes in the economy is high				
2.3.11 · Government decisions	2.29	4.33	59	2017
Government decisions are effectively implemented				
2.3.12 · Transparency	2.14	4.53	55	2017
Transparency of government policy is satisfactory				
2.3.13 · Bureaucracy	1.00	3.35	60	2017
Bureaucracy does not hinder business activity				
2.3.14 · Bribery and corruption	1.69	4.58	54	2017
Bribery and corruption do not exist				
2.3.15 · Rule of law	0.61	0.66	29	2016
Rule of Law Index				

2.4 · Business Legislation

	Value	Average	Rank	Year
2.4.01 · Tariff barriers	5.10	6.03	14	2015
Tariffs on imports: Most favored nation simple average rate				
2.4.02 · Customs' authorities	4.69	5.88	47	2017
Customs' authorities do facilitate the efficient transit of goods				
2.4.03 · Protectionism	3.89	5.83	59	2017
Protectionism does not impair the conduct of your business				
2.4.04 · Public sector contracts	4.84	5.81	51	2017
Public sector contracts are sufficiently open to foreign bidders				
2.4.05 · Foreign investors	6.03	6.80	45	2017
Foreign investors are free to acquire control in domestic companies				
2.4.06 · Capital markets	4.72	6.43	55	2017
Capital markets (foreign and domestic) are easily accessible				
2.4.07 · Investment incentives	3.94	5.75	59	2017
Investment incentives are attractive to foreign investors				
2.4.08 · Government subsidies	1.57	1.28	43	2016
To private and public companies as a percentage of GDP				
2.4.09 · Subsidies	4.38	5.25	51	2017
Subsidies do not distort fair competition and economic development				
2.4.10 · State ownership of enterprises	3.13	5.82	61	2017
State ownership of enterprises is not a threat to business activities				
2.4.11 · Competition legislation	3.89	5.71	56	2017
Competition legislation is efficient in preventing unfair competition				
2.4.12 · Parallel economy	2.70	4.88	55	2017

Parallel (black-market, unrecorded) economy does not impair economic development				
2.4.13 · Ease of doing business	2.29	5.02	61	2017
Ease of doing business is supported by regulations				
2.4.14 · Creation of firms	4.37	6.13	57	2017
Creation of firms is supported by legislation				
2.4.15 · Start-up days	7.0	15.8	26	2016
Number of days to start a business				
2.4.16 · Start-up procedures	8.0	6.1	49	2016
Number of procedures to start a business				
2.4.17 · Labor regulations	2.86	4.96	57	2017
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
2.4.18 · Unemployment legislation	2.91	4.87	60	2017
Unemployment legislation provides an incentive to look for work				
2.4.19 · Immigration laws	4.14	5.92	60	2017
Immigration laws do not prevent your company from employing foreign labor				
2.4.20 · Redundancy costs	7.2	9.7	31	2016
Number of weeks of salary				

2.5 · Societal Framework

	Value	Average	Rank	Year
2.5.01 · Justice	2.94	5.72	55	2017
Justice is fairly administered				
2.5.02 · Personal security and private property rights	5.09	6.67	50	2017
Personal security and private property rights are adequately protected				
2.5.03 · Homicide	0.8	4.8	18	2014
Intentional homicide, rate per 100'000 population				
2.5.04 · Ageing of society	1.42	4.63	63	2017
Ageing of society is not a burden for economic development				
2.5.05 · Risk of political instability	4.72	5.67	43	2017
The risk of political instability is very low				
2.5.06 · Social cohesion	3.51	5.36	53	2017
Social cohesion is high				
2.5.07 · Gini coefficient	32.51	35.83	23	2014
Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)				
2.5.08 · Income distribution - lowest 10%	2.70	2.77		2014
Percentage of household incomes going to lowest 10% of households				
2.5.09 · Income distribution - highest 10%	22.20	27.06		2014
Percentage of household incomes going to highest 10% of households				
2.5.10 · Equal opportunity	5.14	5.99	47	2017
Equal opportunity legislation in your economy encourages economic development				
2.5.11 · Females in parliament	15.23	23.91	49	2015
Percentage of total seats in Parliament				
2.5.12 · Women on boards	-	16.05		
Boardmembers of all companies analyzed by MSCI				
2.5.13 · Gender inequality	0.141	0.200	33	2015
Gender Inequality Index (UNDP)				
2.5.14 · Disposable Income	90.7	67.3	2	2016
Female / male ratio				

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3 · Business Efficiency

3.1 · Productivity & Efficiency

	Value	Average	Rank	Year
3.1.01 · Overall productivity (PPP)	59,788	75,859	42	2016
Estimates: GDP (PPP) per person employed, US\$				
3.1.02 · Overall productivity	31,714	55,507	37	2016
GDP per person employed, US\$				
3.1.03 · Overall productivity - real growth	2.58	0.84	10	2016
Estimates: Percentage change of real GDP per person employed				
3.1.04 · Labor productivity (PPP)	28.44	40.54	44	2016
Estimates: GDP (PPP) per person employed per hour, US\$				
3.1.05 · Agricultural productivity (PPP)	31,425	46,640	34	2016
Estimates: Related GDP (PPP) per person employed in agriculture, US\$				
3.1.06 · Productivity in industry (PPP)	59,005	94,033	45	2016
Estimates: Related GDP (PPP) per person employed in industry, US\$				
3.1.07 · Productivity in services (PPP)	63,384	75,223	38	2016
Estimates: Related GDP (PPP) per person employed in services, US\$				
3.1.08 · Workforce productivity	4.57	5.80	53	2017
Workforce productivity is competitive by international standards				
3.1.09 · Large corporations	5.49	6.48	53	2017
Large corporations are efficient by international standards				
3.1.10 · Small and medium-size enterprises	5.17	5.88	42	2017
Small and medium-size enterprises are efficient by international standards				
3.1.11 · Use of digital tools and technologies	4.66	6.05	62	2017
Companies are very good at using digital tools and technologies to improve performance				

3.2 · Labor Market

	Value	Average	Rank	Year
3.2.01 · Compensation levels	5.76	12.30	25	2016
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	3.02	1.78	41	2015
Percentage change				
3.2.03 · Remuneration in services professions			25	2014
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Bank credit clerk	21,100	29,177		2014
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Call center agent	11,100	17,493		2014
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Primary school teacher	17,900	27,433		2014
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Product Manager	22,200	45,686		2014
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Secretary / Personal	10,300	21,119		2014
Gross annual income including supplements such as bonuses, in US\$				
3.2.04 · Remuneration of management			10	2016
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	126,826	292,297		2016
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Director manufacturing	82,595	140,634		2016
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Engineer	25,505	74,675		2016
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Human resources director	91,362	134,820		2016
Total base salary plus bonuses and long-term incentives, US\$				
3.2.05 · Remuneration spread	14.09	16.74	24	2014

Ratio of CEO to personal assistant remuneration				
3.2.06 · Working hours	2,102	1,902	8	2015
Average number of working hours per year				
3.2.07 · Labor relations	4.80	6.21	55	2017
Labor relations are generally productive				
3.2.08 · Worker motivation	4.00	5.86	62	2017
Worker motivation in companies is high				
3.2.09 · Industrial disputes	-	18.07		
Working days lost per 1,000 inhabitants per year (average 2013-2015)				
3.2.10 · Apprenticeships	3.16	4.85	60	2017
Apprenticeships are sufficiently implemented				
3.2.11 · Employee training	3.66	5.76	63	2017
Employee training is a high priority in companies				
3.2.12 · Labor force	1.83	40.51	54	2016
Employed and registered unemployed (millions)				
3.2.13 · Labor force (%)	43.87	49.81	53	2016
Percentage of population				
3.2.14 · Labor force growth	-3.73	1.12	63	2016
Percentage change				
3.2.15 · Part-time employment	5.60	14.52	47	2015
Percentage of total employment				
3.2.16 · Female labor force	46.20	42.77	31	2016
Percentage of total labor force				
3.2.17 · Foreign labor force	3.16	13.69	31	2015
Percentage of total labor force				
3.2.18 · Skilled labor	3.66	5.55	59	2017
Skilled labor is readily available				
3.2.19 · Finance skills	4.09	6.33	61	2017
Finance skills are readily available				
3.2.20 · Attracting and retaining talents	4.09	6.57	63	2017
Attracting and retaining talents is a priority in companies				
3.2.21 · Brain drain	1.91	4.85	60	2017
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy				
3.2.22 · Foreign highly-skilled personnel	1.80	5.30	62	2017
Foreign highly-skilled personnel are attracted to your country's business environment				
3.2.23 · International experience	3.23	5.48	62	2017
International experience of senior managers is generally significant				
3.2.24 · Competent senior managers	3.14	5.49	59	2017
Competent senior managers are readily available				

3.3 · Finance

	Value	Average	Rank	Year
3.3.01 · Banking sector assets	114.71	150.49	34	2016
Percentage of GDP				
3.3.02 · Financial cards in circulation	2.44	3.21	26	2016
Number of cards per capita				
3.3.03 · Financial card transactions	2,067	9,071	53	2016
US\$ per capita				
3.3.04 · Investment risk	48.93	63.19	55	2015
Euromoney country risk overall (scale from 0-100)				
3.3.05 · Banking and financial services	4.34	6.11	59	2017
Banking and financial services do support business activities efficiently				
3.3.06 · Finance and banking regulation	4.35	6.31	60	2017
Finance and banking regulation is sufficiently adequate				
3.3.07 · Financial risk factor	4.06	5.98	58	2017
The risk factor in the financial system (new financial instruments, non-performing loans, transparency) is adequately addressed				
3.3.08 · Regulatory compliance (banking laws)	4.89	6.69	60	2017
Regulatory compliance is sufficiently developed				
3.3.09 · Stock markets	3.37	5.47	57	2017
Stock markets provide adequate financing to companies				

3.3.10 · Stock market capitalization (\$bn)	21.4	1,069.1	52	2016
US\$ billions				
3.3.11 · Stock market capitalization (%)	42.45	80.93	35	2016
Percentage of GDP				
3.3.12 · Value traded on stock markets	130	15,196	50	2013
US\$ per capita				
3.3.13 · Listed domestic companies	186	700	34	2015
Number of listed domestic companies				
3.3.14 · Stock market index	2.00	-1.36	17	2016
Percentage change on index in national currency				
3.3.15 · Shareholders' rights	5.31	6.66	54	2017
Shareholders' rights are sufficiently implemented				
3.3.16 · Initial Public Offerings	4.20	3,365.18	56	2015
By acquiror nation (average 2014-2016) US\$ millions				
3.3.17 · Credit	4.17	5.86	56	2017
Credit is easily available for business				
3.3.18 · Venture capital	2.89	4.91	57	2017
Venture capital is easily available for business				
3.3.19 · M&A Activity	0.12	1.02	57	2015
Deals per listed company (average 2013-2015)				
3.3.20 · Corporate debt	3.60	5.78	59	2017
Corporate debt does not restrain the ability of enterprises to compete				

3.4 · Management Practices

	Value	Average	Rank	Year
3.4.01 · Agility of companies	3.89	5.84	62	2017
Companies are agile				
3.4.02 · Changing market conditions	4.94	6.47	62	2017
Companies are generally extremely aware of changing market conditions				
3.4.03 · Opportunities and threats	3.83	5.90	63	2017
Companies are very good at responding quickly to opportunities and threats				
3.4.04 · Ethical practices	3.60	6.14	63	2017
Ethical practices are implemented in companies				
3.4.05 · Credibility of managers	3.06	5.95	63	2017
Credibility of managers in society is strong				
3.4.06 · Corporate boards	3.65	5.86	62	2017
Corporate boards do supervise the management of companies effectively				
3.4.07 · Auditing and accounting practices	5.69	7.09	59	2017
Auditing and accounting practices are adequately implemented in business				
3.4.08 · Use of big data and analytics	3.43	4.97	61	2017
Companies are very good at using big data and analytics to support decision-making				
3.4.09 · Customer satisfaction	4.83	6.68	62	2017
Customer satisfaction is emphasized in companies				
3.4.10 · Entrepreneurship	4.20	5.78	63	2017
Entrepreneurship of managers is widespread in business				
3.4.11 · Social responsibility	3.31	5.69	63	2017
Social responsibility of business leaders is high				

3.5 · Attitudes and Values

	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization	3.66	6.24	61	2017
Attitudes toward globalization are generally positive in your society				
3.5.02 · Image abroad or branding	4.52	6.16	50	2017
The image abroad of your country encourages business development				
3.5.03 · National culture	4.06	6.69	63	2017
The national culture is open to foreign ideas				
3.5.04 · Flexibility and adaptability	3.88	6.49	63	2017
Flexibility and adaptability of people are high when faced with new challenges				
3.5.05 · Need for economic and social reforms	3.59	5.72	62	2017
The need for economic and social reforms is generally well understood				
3.5.06 · Digital transformation in companies	3.94	6.08	63	2017
Digital transformation in companies is generally well understood				
3.5.07 · Value system	3.77	6.06	62	2017
The value system in your society supports competitiveness				
3.5.08 · Corporate values	4.23	6.30	63	2017
Corporate values take into account the values of employees				

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4 · Infrastructure

4.1 · Basic Infrastructure

	Value	Average	Rank	Year
4.1.01 · Land area	57	1,475	49	2016
Square kilometers ('000)				
4.1.02 · Arable area	2,102	3,203	31	2014
Square meters per capita				
4.1.03 · Water resources	8,892	19,246	19	2014
Total internal renewable per capita in cubic meters				
4.1.04 · Access to water	7.80	7.95	44	2017
Access to water is adequately ensured and managed				
4.1.05 · Access to commodities	7.46	8.13	49	2017
Access to commodities (basic resources, food, etc.) is adequately addressed				
4.1.06 · Management of cities	4.40	6.48	58	2017
Management of cities supports business development				
4.1.07 · Population - market size	4.17	82.42	54	2016
Estimates in millions				
4.1.08 · Population - growth	-0.78	0.91	61	2016
Percentage change				
4.1.09 · Population under 15 years	14.6	19.0		2016
Percentage of total population				
4.1.10 · Population over 65 years	19.2	13.7		2016
Percentage of total population				
4.1.11 · Dependency ratio	51.0	49.1	30	2016
Population under 15 and over 64 years old, divided by active population (15 to 64 years)				
4.1.12 · Roads	0.52	1.20	35	2014
Density of the network, km roads/square km land area				
4.1.13 · Railroads	0.046	0.039	21	2015
Density of the network, km per square km				
4.1.14 · Air transportation	1,783	53,130	56	2015
Number of passengers carried by main companies, thousands				
4.1.15 · Quality of air transportation	5.69	7.24	55	2017
Quality of air transportation encourages business development				
4.1.16 · Distribution infrastructure	6.37	7.11	48	2017
The distribution infrastructure of goods and services is generally efficient				
4.1.17 · Logistics management	6.29	7.32	51	2017
Logistics management supports business development				
4.1.18 · Water transportation	5.00	6.71	52	2017
Water transportation (harbors, canals, etc.) meets business requirements				
4.1.19 · Maintenance and development	4.64	5.92	51	2017
Maintenance and development of infrastructure are adequately planned and financed				
4.1.20 · Energy infrastructure	5.71	6.60	46	2017
Energy infrastructure is adequate and efficient				
4.1.21 · Total indigenous energy production	4.35	181.81	54	2014
Millions MTOE				
4.1.22 · Total indigenous energy production (%)	54.1	102.9	39	2014
Percentage of total requirements in tons of oil equivalent				
4.1.23 · Total final energy consumption	6.67	125.14	10	2014
Millions MTOE				
4.1.24 · Total final energy consumption per capita	1.57	2.43	23	2014
MTOE per capita				
4.1.25 · Electricity costs for industrial clients	0.160	0.103	49	2016
US\$ per kwh				

4.2 · Technological Infrastructure

	Value	Average	Rank	Year
4.2.01 · Investment in Telecommunications	0.57	0.38	7	2015
Percentage of GDP				
4.2.02 · Mobile Broadband subscribers	59.5	62.1	37	2015
3G & 4G market, % of mobile market				
4.2.03 · Mobile Telephone costs	11.7	17.2	25	2015
Monthly Blended Average Revenue per User				
4.2.04 · Communications technology	6.54	7.51	51	2017
Communications technology (voice and data) meets business requirements				
4.2.05 · Connectivity	6.89	7.65	51	2017
Connectivity of people and firms (telecom, IT, etc.) is highly extensive				
4.2.06 · Computers in use	0.08	1.38	53	2016
Worldwide share/ Source: Computer Industry Almanac				
4.2.07 · Computers per capita	494	686	42	2016
Number of computers per 1000 people/ Source: Computer Industry Almanac				
4.2.08 · Internet users	818	727	33	2016
Number of internet users per 1000 people/ Source: Computer Industry Almanac				
4.2.09 · Broadband subscribers	322	332	36	2015
Number of subscribers per 1000 inhabitants				
4.2.10 · Internet bandwidth speed	8.2	12.6	45	2016
Average speed				
4.2.11 · Digital/Technological skills	6.00	7.02	51	2017
Digital/Technological skills are readily available				
4.2.12 · Qualified engineers	4.97	6.60	56	2017
Qualified engineers are available in your labor market				
4.2.13 · Technological cooperation	4.09	5.72	58	2017
Technological cooperation between companies is developed				
4.2.14 · Public-private partnerships	3.31	5.57	62	2017
Public and private sector ventures are supporting technological development				
4.2.15 · Development and application of technology	3.23	6.27	62	2017
Development and application of technology are supported by the legal environment				
4.2.16 · Funding for technological development	3.71	5.68	58	2017
Funding for technological development is readily available				
4.2.17 · Technological regulation	3.97	6.00	61	2017
Technological regulation supports business development and innovation				
4.2.18 · High-tech exports (\$)	762	33,989	51	2015
US\$ millions				
4.2.19 · High-tech exports (%)	8.98	14.80	40	2015
Percentage of manufactured exports				
4.2.20 · ICT service exports	13.0	27.4	49	2015
Percentage of service exports				
4.2.21 · Cyber security	4.79	5.45	48	2017
Cyber security is being adequately addressed by corporations				

4.3 · Scientific Infrastructure

	Value	Average	Rank	Year
4.3.01 · Total expenditure on R&D (\$)	416	25,461	52	2015
US\$ millions				
4.3.02 · Total expenditure on R&D (%)	0.85	1.54	43	2015
Percentage of GDP				
4.3.03 · Total expenditure on R&D per capita (\$)	99.0	560.3	44	2015
US\$ per capita				
4.3.04 · Business expenditure on R&D (\$)	213	17,479	50	2015
US\$ millions				
4.3.05 · Business expenditure on R&D (%)	0.44	0.95	36	2015
Percentage of GDP				
4.3.06 · Total R&D personnel	9.1	189.8	49	2015
Full-time work equivalent (FTE thousands)				
4.3.07 · Total R&D personnel per capita	2.16	4.75	40	2015
Full-time work equivalent (FTE) per 1000 people				
4.3.08 · Total R&D personnel in business enterprise	2.4	142.0	50	2015
Full-time work equivalent (FTE thousands)				
4.3.09 · Total R&D personnel in business per capita	0.57	2.65	44	2015
Full-time work equivalent (FTE) per 1000 people				
4.3.10 · Researchers in R&D per capita	1.4	3.3	40	2015
Full-time work equivalent (FTE) per 1000 people				
4.3.11 · Science degrees	31.10	29.75	22	2011
Percentage of total first university degrees in science and engineering				
4.3.12 · Scientific articles	4,359	33,285	46	2013
Scientific articles published by origin of author				
4.3.13 · Nobel prizes	0	8	29	2016
Awarded in physics, chemistry, physiology or medicine and economics since 1950				
4.3.14 · Nobel prizes per capita	0.00	0.19	29	2016
Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people				
4.3.15 · Patent applications	250	47,036	57	2015
Number of applications filed by applicant's origin				
4.3.16 · Patent applications per capita	5.95	81.25	48	2015
Number of applications filed by applicant's origin, per 100,000 inhabitants				
4.3.17 · Patent grants	74	19,892	58	2015
Number of patents granted by applicant's origin (average 2013-2015)				
4.3.18 · Number of patents in force	12.4	297.8	44	2015
by applicant's origin, per 100,000 inhabitants				
4.3.19 · Value added of KTI industries	-	25.4		
Percentage of GDP				
4.3.20 · Scientific research	3.06	5.28	57	2017
Scientific research (public and private) is high by international standards				
4.3.21 · Researchers and scientists	2.63	4.81	55	2017
Researchers and scientists are attracted to your country				
4.3.22 · Scientific research legislation	3.00	5.33	59	2017
Laws relating to scientific research do encourage innovation				
4.3.23 · Intellectual property rights	4.40	6.31	58	2017
Intellectual property rights are adequately enforced				
4.3.24 · Knowledge transfer	2.49	5.16	62	2017
Knowledge transfer is highly developed between companies and universities				
4.3.25 · Innovative capacity	3.49	5.65	62	2017
Innovative capacity of firms (to generate new products, processes and/or services) is high in your economy				

4.4 · Health and Environment

	Value	Average	Rank	Year
4.4.01 · Total health expenditure	7.8	7.6	28	2014
Percentage of GDP				
4.4.02 · Total health expenditure per capita	1,052	2,635	39	2014
US\$ per capita				
4.4.03 · Public expenditure on health (%)	81.87	65.63	11	2014
Percentage of total health expenditure				
4.4.04 · Health infrastructure	5.11	5.72	38	2017
Health infrastructure meets the needs of society				
4.4.05 · Life expectancy at birth	77.5	77.7	35	2015
Average estimate				
4.4.06 · Healthy life expectancy	69.7	69.2	32	2016
Average estimate				
4.4.07 · Infant mortality	4.3	8.9	27	2015
Under five mortality rate per 1000 live births				
4.4.08 · Medical assistance			27	2015
Number of inhabitants per physician and per nurse				
Medical assistance / Per nurse	146.26	255.93		2015
Number of inhabitants per physician and per nurse				
Medical assistance / Per physician	313.75	528.31		2015
Number of inhabitants per physician and per nurse				
4.4.09 · Urban population	59	76		2016
Percentage of total population				
4.4.10 · Human development index	0.83	0.84	42	2015
Combines economic - social - educational indicators/ Source: Human Development Report				
4.4.11 · Energy intensity	117	113	40	2014
Total energy consumed for each 1000 US\$ of GDP in MTOE				
4.4.12 · Paper and cardboard recycling rate	40.00	72.04	40	2015
Percentage of apparent consumption				
4.4.13 · Waste water treatment plants	44.0	75.3	41	2015
Percentage of population served				
4.4.14 · Water consumption intensity	10.97	45.19	18	2013
Water withdrawal for each 1000 US\$ of GDP in cubic meters				
4.4.15 · CO2 emissions	15.1	453.3	7	2014
Metric tons of carbon dioxide from fuel combustion				
4.4.16 · CO2 emissions intensity	265.0	391.4	31	2014
CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP				
4.4.17 · Exposure to particle pollution	14.12	16.94	26	2013
Mean population exposure to PM2.5, Micrograms per cubic metre				
4.4.18 · Renewable energies (%)	24.9	15.5	15	2014
Share of renewables in total energy requirements, %				
4.4.19 · Total biocapacity	2.80	4.20	25	2012
Global hectares per capita of biologically productive space				
4.4.20 · Ecological footprint	3.9	5.5	22	2012
Global hectares per person				
4.4.21 · Ecological balance (reserve/deficit)	-1.12	-1.29	26	2012
Total biocapacity minus total footprint in global hectares per capita				
4.4.22 · Environment-related technologies	0.02	1.62	48	2012
Development of environment-related technologies, % inventions worldwide				
4.4.23 · Sustainable development	3.97	6.01	61	2017
Sustainable development is a priority in companies				
4.4.24 · Pollution problems	5.88	5.94	34	2017
Pollution problems do not seriously affect your economy				
4.4.25 · Environmental laws	5.45	6.14	46	2017
Environmental laws and compliance do not hinder the competitiveness of businesses				
4.4.26 · Quality of life	6.03	6.72	38	2017
Quality of life is high				

4.5 · Education

	Value	Average	Rank	Year
4.5.01 · Total public expenditure on education	4.4	4.7	32	2014
Percentage of GDP				
4.5.02 · Total public expenditure on education per capita	598	1,453	41	2014
US\$ per capita				
4.5.03 · Public expenditure on education per pupil	25.3	21.7	14	2014
Percentage of GDP per capita (secondary)				
4.5.04 · Pupil-teacher ratio (primary education)	11.44	16.27	10	2014
Ratio of students to teaching staff				
4.5.05 · Pupil-teacher ratio (secondary education)	9.69	13.95	11	2014
Ratio of students to teaching staff				
4.5.06 · Secondary school enrollment	92.7	90.5	32	2014
Percentage of relevant age group receiving full-time education				
4.5.07 · Higher education achievement	30.8	39.3	43	2015
Percentage of population that has attained at least tertiary education for persons 25-34				
4.5.08 · Women with degrees	59.8	57.5	21	2014
Percentage of female graduates in tertiary education				
4.5.09 · Student mobility inbound	0.15	2.81	55	2014
Foreign tertiary-level students per 1000 inhabitants				
4.5.10 · Student mobility outbound	2.08	2.20	20	2014
National tertiary-level students studying abroad per 1000 inhabitants				
4.5.11 · Educational assessment - PISA			36	2015
PISA survey of 15-year olds				
Educational assessment - PISA / Mathematics	464	475		2015
PISA survey of 15-year olds				
Educational assessment - PISA / Sciences	475	478		2015
PISA survey of 15-year olds				
4.5.12 · English proficiency - TOEFL	90	88	24	2015
TOEFL scores				
4.5.13 · Educational system	2.57	5.55	61	2017
The educational system meets the needs of a competitive economy				
4.5.14 · Science in schools	2.34	5.21	61	2017
Science in schools is sufficiently emphasized				
4.5.15 · University education	2.60	5.87	62	2017
University education meets the needs of a competitive economy				
4.5.16 · Management education	3.40	5.96	61	2017
Management education meets the needs of the business community				
4.5.17 · Illiteracy	1.0	2.7	1	2015
Adult (over 15 years) illiteracy rate as a percentage of population				
4.5.18 · Language skills	6.03	6.10	30	2017
Language skills are meeting the needs of enterprises				