



IMD WORLD  
COMPETITIVENESS  
CENTER

# COUNTRY PROFILE

# MEXICO



# MEXICO

## OVERALL PERFORMANCE (63 countries)



## CHALLENGES IN 2019

- To improve the business environment, less uncertainty and better justice and security.
- Promote a higher GDP growth (3 to 4%) by promoting internal market growth through innovation: "Mexican Markets for Mexican Products".
- Improve the relationship with the USA and other relevant economies in the world.
- Promote structural reforms on education and energy.
- Promote higher investing in public infrastructure and housing.

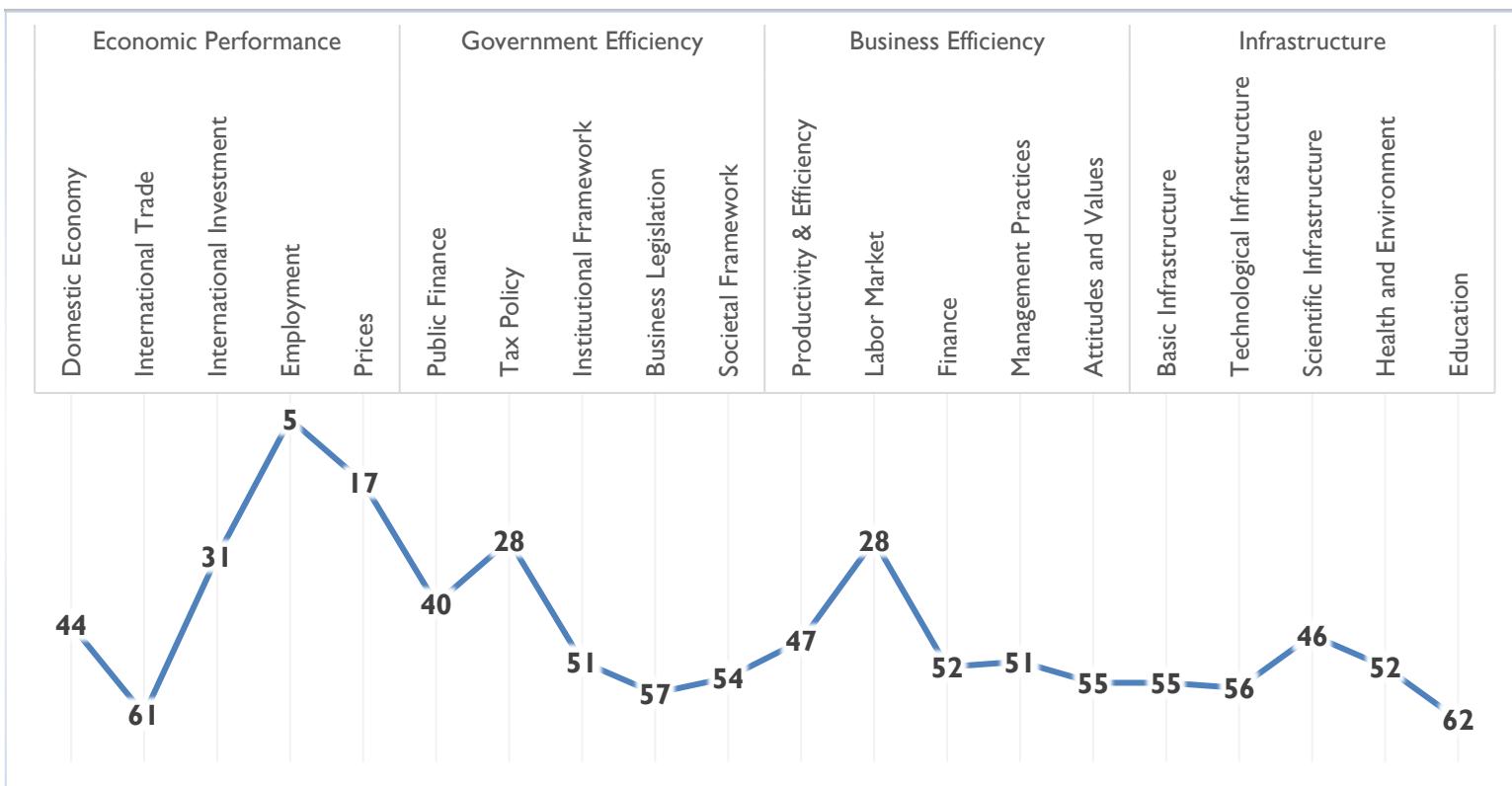
## Provided by:

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## BASIC FACTS

	Rank
Capital	Mexico City
Land area (square km '000)	1,964 <sup>2018</sup>
Exchange Rate (per \$)	19.244 <sup>2018</sup>
Population - market size (millions)	125.19 <sup>2018</sup> 8
Gross Domestic Product (GDP) (US\$ billions)	1,223.4 <sup>2018</sup> 15
GDP (PPP) per capita (US\$)	20,527 <sup>2018</sup> 50
Real GDP growth (%)	2.0 <sup>2018</sup> 46
Consumer price inflation (%)	4.90 <sup>2018</sup> 56
Unemployment rate (%)	3.32 <sup>2018</sup> 10
Labor force (millions)	56.02 <sup>2018</sup> 8
Current account balance (% of GDP)	-1.39 <sup>2018</sup> 43
Direct investment stocks inward (\$bn)	489.1 <sup>2017</sup> 16
Direct investment flows inward (% of GDP)	2.83 <sup>2018</sup> 22

## COMPETITIVENESS LANDSCAPE



## PEER GROUPS RANKINGS

### THE AMERICAS (9 countries)



### POPULATIONS > 20 MILLION (29 countries)



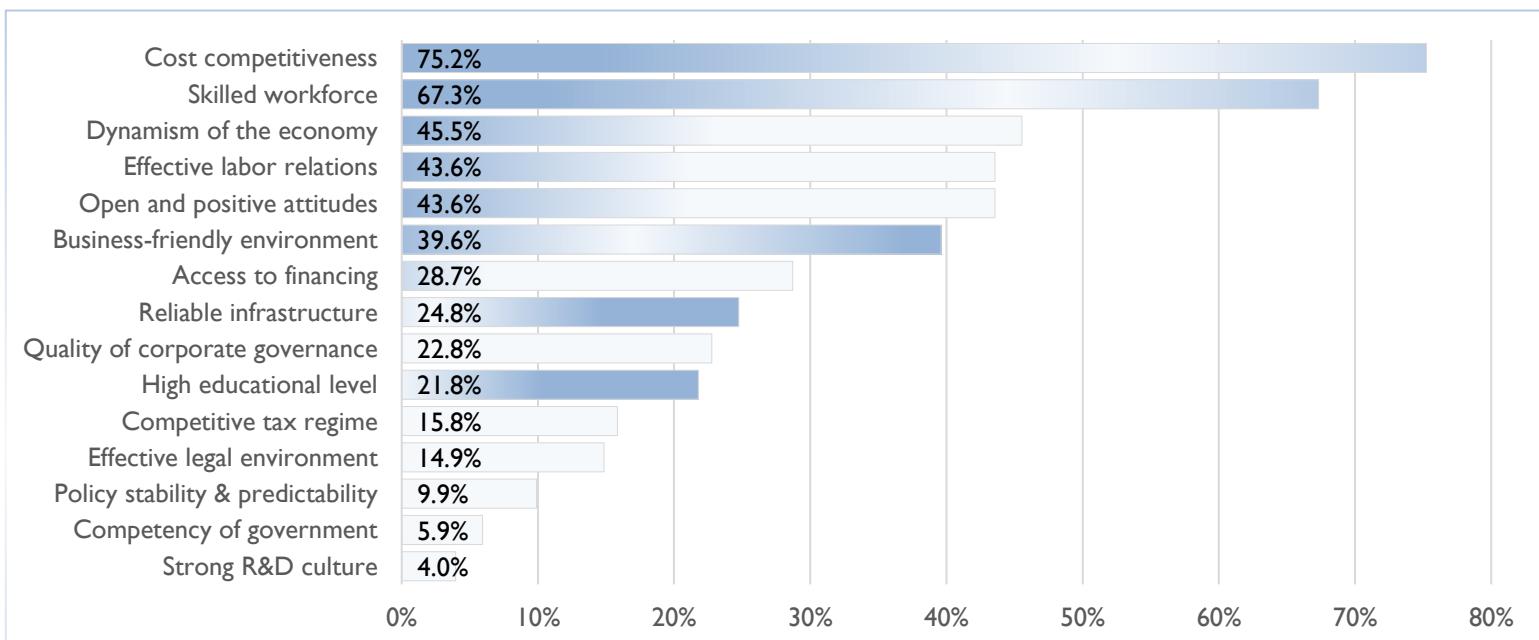
**COMPETITIVENESS EVOLUTION**

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.

<b>IMPROVEMENTS</b>	<b>WCY</b>	<b>WCY</b>	<b>DECLINES</b>	<b>WCY</b>	<b>WCY</b>
	2018	2019		2018	2019
1.1.18 Gross fixed capital formation - real growth	-1.51	0.67	2.1.02 Government budget surplus/deficit (%)	-1.07	-2.33
1.4.08 Long-term unemployment	1.85	0.03	2.4.02 Protectionism	5.23	3.66
4.5.10 Student mobility inbound	0.10	0.20	4.2.17 ICT service exports	0.6	0.4
2.3.13 Bribery and corruption	0.59	1.10	3.5.06 Digital transformation in companies	5.30	4.14
2.3.08 Exchange rate stability	0.183	0.050	2.4.06 Investment incentives	5.86	4.74
2.3.11 Transparency	1.48	2.50	2.5.02 Homicide	16.3	19.3
2.4.11 Parallel economy	1.58	2.32	1.2.02 Current account balance	-1.20	-1.39
2.1.10 Tax evasion	2.22	3.19	3.5.07 Value system	5.25	4.51
3.2.03 Remuneration in services professions	11,901	7,429	3.5.03 National culture	6.81	5.86
2.1.09 Public finances	2.67	3.64	4.1.14 Quality of air transportation	5.60	4.87
2.1.11 Pension funding	2.50	3.07	2.4.09 State ownership of enterprises	5.52	4.82
2.3.12 Bureaucracy	1.60	1.96	2.5.04 Risk of political instability	3.52	3.09
4.3.18 Number of patents in force	5.3	6.4	3.3.07 Regulatory compliance (banking laws)	6.42	5.66
1.5.01 Consumer price inflation	6.04	4.90	1.5.02 Cost-of-living index	58.60	65.30
4.3.20 Scientific research legislation	3.52	4.16	2.4.03 Public sector contracts	4.95	4.40

**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.



# MEXICO

## ECONOMIC PERFORMANCE



Sub-Factor Rankings :	2018	2019
Domestic Economy	40	44
International Trade	60	61
International Investment	20	31
Employment	17	5
Prices	26	17

## GOVERNMENT EFFICIENCY



Sub-Factor Rankings :	2018	2019
Public Finance	37	40
Tax Policy	30	28
Institutional Framework	55	51
Business Legislation	51	57
Societal Framework	56	54

## BUSINESS EFFICIENCY



Sub-Factor Rankings :	2018	2019
Productivity & Efficiency	43	47
Labor Market	29	28
Finance	47	52
Management Practices	46	51
Attitudes and Values	46	55

## INFRASTRUCTURE



Sub-Factor Rankings :	2018	2019
Basic Infrastructure	52	55
Technological Infrastructure	54	56
Scientific Infrastructure	46	46
Health and Environment	51	52
Education	62	62

# MEXICO

## STRENGTHS

Economic Performance	Rank
1.4.08 Long-term unemployment	2
1.5.02 Cost-of-living index	8
1.4.09 Youth unemployment	8
1.4.07 Unemployment rate	10
1.2.08 Exports of goods (\$bn)	12
1.3.05 Direct investment flows inward (\$bn)	13
1.3.07 Direct investment stocks inward (\$bn)	16
1.5.06 Gasoline prices	17
1.3.06 Direct investment flows inward (% of GDP)	22
1.3.03 Direct investment stocks abroad (\$bn)	28

## WEAKNESSES

Economic Performance	Rank
1.2.17 Export concentration by partner	62
1.2.13 Exports of commercial services (%)	59
1.5.01 Consumer price inflation	56
1.1.21 GDP (PPP) per capita	50
1.1.18 Gross fixed capital formation - real growth	50
1.1.15 Real GDP growth per capita	49
1.1.20 GDP per capita	47
1.5.05 Food costs	47
1.4.02 Employment (%)	46
1.3.13 Relocation threats of business	46

## Government Efficiency

Government Efficiency	Rank
2.2.10 Employee's social security contribution rate	10
2.2.01 Collected total tax revenues	12
2.3.05 Central bank policy	20
2.2.09 Consumption tax rate	23
2.2.07 Effective personal income tax rate	25
2.5.14 Disposable Income	31
2.4.14 Start-up days	32
2.1.04 Total general government debt (%)	34
2.3.08 Exchange rate stability	49

## Government Efficiency

Government Efficiency	Rank
2.4.11 Parallel economy	60
2.5.02 Homicide	59
2.5.10 Equal opportunity	59
2.4.02 Protectionism	58
2.5.04 Risk of political instability	58
2.3.13 Bribery and corruption	57
2.3.11 Transparency	56
2.5.01 Justice	55
2.4.03 Public sector contracts	55
2.4.13 Creation of firms	54

## Business Efficiency

Business Efficiency	Rank
3.2.06 Working hours	2
3.2.03 Remuneration in services professions	5
3.2.01 Compensation levels	10
3.1.08 Large corporations	14
3.2.23 International experience	22
3.1.07 Workforce productivity	24
3.4.04 Credibility of managers	29

## Business Efficiency

Business Efficiency	Rank
3.5.06 Digital transformation in companies	61
3.3.01 Banking sector assets	59
3.5.07 Value system	58
3.4.03 Opportunities and threats	58
3.5.05 Need for economic and social reforms	57
3.4.07 Use of big data and analytics	56
3.3.07 Regulatory compliance (banking laws)	55
3.2.20 Attracting and retaining talents	54
3.1.10 Use of digital tools and technologies	54
3.4.08 Customer satisfaction	54

## Infrastructure

Infrastructure	Rank
4.2.03 Mobile Telephone costs	10
4.3.11 Science degrees	13
4.2.16 High-tech exports (%)	17
4.1.21 Electricity costs for industrial clients	20
4.1.07 Population - growth	27
4.3.19 Medium- and high-tech value added	30

## Infrastructure

Infrastructure	Rank
4.2.17 ICT service exports	62
4.5.06 Pupil-teacher ratio (secondary education)	61
4.2.18 Cyber security	59
4.5.05 Pupil-teacher ratio (primary education)	58
4.2.10 Digital/Technological skills	58
4.4.26 Pollution problems	58
4.1.14 Quality of air transportation	58
4.4.25 Sustainable development	58
4.1.16 Energy infrastructure	58
4.2.04 Communications technology	58

# MEXICO

## I · Economic Performance

### I.I · Domestic Economy

	Value	Average	Rank	Year
I.I.00 · Exchange Rate National currency per US\$ (average)	19.244	74.055		2018
I.I.01 · Gross Domestic Product (GDP) US\$ billions	1,223.4	1,264.8	15	2018
I.I.02 · GDP (PPP) Estimates ; US\$ billions at purchasing power parity	2,569.8	1,903.1	11	2018
I.I.03 · World GDP contribution Percentage share of world GDP in market prices	1.44	1.49	15	2018
I.I.04 · Household consumption expenditure (\$bn) US\$ billions	778.1	697.9	14	2018
I.I.05 · Household consumption expenditure (%) Percentage of GDP	63.6	55.2	14	2018
I.I.06 · Government consumption expenditure (\$bn) US\$ billions	140.7	202.1	18	2018
I.I.07 · Government consumption expenditure (%) Percentage of GDP	11.5	16.7	55	2018
I.I.08 · Gross fixed capital formation (\$bn) US\$ billions	270.5	313.1	16	2018
I.I.09 · Gross fixed capital formation (%) Percentage of GDP	22.1	22.6	32	2018
I.I.10 · Gross domestic savings (\$bn) US\$ billions	304.6	343.8	16	2018
I.I.11 · Gross domestic savings (%) Percentage of GDP	24.9	28.2	35	2018
I.I.12 · Economic sectors Breakdown of the economic sectors, percentage of GDP				2018
Economic sectors / Agriculture	3.5	3.7		2018
Breakdown as a percentage of GDP				
Economic sectors / Industry	32.9	29.5		2018
Breakdown as a percentage of GDP				
Economic sectors / Services	63.6	66.8		2018
Breakdown as a percentage of GDP				
I.I.13 · Economic complexity index Measures knowledge intensity, by considering exports	1.10	0.83	22	2017
I.I.14 · Real GDP growth Percentage change, based on national currency in constant prices	2.0	2.7	46	2018
I.I.15 · Real GDP growth per capita Percentage change, based on national currency in constant prices	1.01	1.92	49	2018
I.I.16 · Household consumption expenditure - real growth Percentage change, based on constant prices.	0.54	2.84	57	2018
I.I.17 · Government consumption expenditure - real growth Percentage change, based on constant prices.	1.58	2.23	33	2018
I.I.18 · Gross fixed capital formation - real growth Percentage change, based on constant prices.	0.67	3.83	50	2018
I.I.19 · Resilience of the economy Resilience of the economy to economic cycles is strong	5.13	5.52	41	2019
I.I.20 · GDP per capita US\$ per capita	9,772	30,983	47	2018
I.I.21 · GDP (PPP) per capita Estimates; US\$ per capita at purchasing power parity	20,527	39,972	50	2018
I.I.22 · Forecast: Real GDP growth	2.8	2.6	25	2019

Percentage change, based on national currency in constant prices						
I.1.23 · Forecast: Inflation	3.4	158,733.1	51	2019		
Percentage change						
I.1.24 · Forecast: Unemployment	3.3	6.4	9	2019		
Percentage of total labor force						
I.1.25 · Forecast: Current account balance	-2.0	1.3	46	2019		
Percentage of GDP/GNP						

## I.2 · International Trade

	Value	Average	Rank	Year
I.2.01 · Current account balance (\$bn)	-17.0	8.9	54	2018
US\$ billions (minus sign = deficit)				
I.2.02 · Current account balance	-1.39	1.87	43	2018
Percentage of GDP				
I.2.03 · Balance of trade (\$bn)	-26.0	-2.3	54	2018
US\$ billions (minus sign = deficit)				
I.2.04 · Balance of trade (%)	-2.13	-0.10	39	2018
Percentage of GDP				
I.2.05 · Balance of commercial services (\$bn)	-9.74	3.58	51	2017
US\$ billions (minus sign = deficit)				
I.2.06 · Balance of commercial services (%)	-0.84	2.38	44	2017
Percentage of GDP				
I.2.07 · World exports contribution	1.90	1.48	16	2017
Percentage share of world exports (goods and commercial services)				
I.2.08 · Exports of goods (\$bn)	450.57	287.34	12	2018
US\$ billions				
I.2.09 · Exports of goods (%)	36.83	39.75	26	2018
Percentage of GDP				
I.2.10 · Exports of goods per capita	3,599	13,041	47	2018
US\$ per capita				
I.2.11 · Exports of goods - growth	10.06	10.84	28	2018
Percentage change, based on US\$ values				
I.2.12 · Exports of commercial services (\$bn)	26.92	78.03	37	2017
US\$ billions				
I.2.13 · Exports of commercial services (%)	2.32	15.50	59	2017
Percentage of GDP				
I.2.14 · Exports of commercial services - growth	10.10	9.51	28	2017
Percentage change, based on US\$ values				
I.2.15 · Exports of goods & commercial services	436.32	340.78	16	2017
US\$ billions				
I.2.16 · Exports breakdown by economic sector				2017
Percentage of total exports				
Exports breakdown by economic sector / Agriculture	7.6	10.6		2017
Percentage of total exports				
Exports breakdown by economic sector / Industry	86.2	63.4		2017
Percentage of total exports				
Exports breakdown by economic sector / Services	6.2	26.0		2017
Percentage of total exports				
I.2.17 · Export concentration by partner	87.1	53.1	62	2017
Exports to top 5 countries, percentage of total exports				
I.2.18 · Export concentration by product	57.1	53.6	41	2017
Top 5 products, percentage of total exports				
I.2.19 · Imports of goods & commercial services (\$bn)	468.8	337.6	49	2017
US\$ billions				
I.2.20 · Imports of goods & commercial services (%)	40.5	52.1	31	2017
Percentage of GDP				
I.2.21 · Imports of goods & commercial services - growth	8.81	10.35	19	2017
Percentage change, based on US\$ values				
I.2.22 · Imports breakdown by economic sector				2017
Percentage of total imports				

Imports breakdown by economic sector / Agriculture	6.2	8.2	2017
Percentage of total imports			
Imports breakdown by economic sector / Industry	85.9	67.9	2017
Percentage of total imports			
Imports breakdown by economic sector / Services	7.8	23.9	2017
Percentage of total imports			
I.2.23 · Trade to GDP ratio (Exports + Imports) / (2 * GDP)	39.07	53.12	36 2017
I.2.24 · Terms of trade index Unit value of exports over unit value of imports	48.4	99.0	56 2018
I.2.25 · Tourism receipts International tourism receipts as a percentage of GDP	1.84	3.78	41 2017

### I.3 · International Investment

	Value	Average	Rank	Year
I.3.01 · Direct investment flows abroad (\$bn) US\$ billions	9.87	16.70	24	2018
I.3.02 · Direct investment flows abroad (% of GDP) Percentage of GDP	0.81	1.61	33	2018
I.3.03 · Direct investment stocks abroad (\$bn) US\$ billions	180.1	484.2	28	2017
I.3.04 · Direct investment stocks abroad (% of GDP) Percentage of GDP	15.55	69.51	39	2017
I.3.05 · Direct investment flows inward (\$bn) US\$ billions	34.62	18.51	13	2018
I.3.06 · Direct investment flows inward (% of GDP) Percentage of GDP	2.83	1.72	22	2018
I.3.07 · Direct investment stocks inward (\$bn) US\$ billions	489.1	469.5	16	2017
I.3.08 · Direct investment stocks inward (% of GDP) Percentage of GDP	42.23	85.29	34	2017
I.3.09 · Balance of direct investment flows (\$bn) US\$ billions (flows abroad minus flows inward)	-24.75	-1.90	56	2018
I.3.10 · Balance of direct investment flows (%) Percentage of GDP (flows abroad minus flows inward)	-2.02	-0.12	46	2018
I.3.11 · Net position in direct investment stocks (\$bn) US\$ billions (stocks abroad minus stocks inward)	-309.1	14.7	61	2017
I.3.12 · Net position in direct investment stocks (%) Percentage of GDP (stocks abroad minus stocks inward)	-26.68	-15.79	41	2017
I.3.13 · Relocation threats of business Relocation of business is not a threat to the future of your economy	4.77	5.15	46	2019
I.3.14 · Portfolio investment assets US\$ billions	-5.73	25.74	59	2018
I.3.15 · Portfolio investment liabilities US\$ billions	9.50	20.50	19	2018

### I.4 · Employment

	Value	Average	Rank	Year
I.4.01 · Employment Total employment in millions	54.15	39.31	8	2018
I.4.02 · Employment (%) Percentage of population	43.25	47.54	46	2018
I.4.03 · Employment - growth Estimates: percentage change	3.04	1.34	4	2018
I.4.04 · Employment - long-term growth Estimates: % of population, percentage change in 4 years	4.36	3.41	25	2018
I.4.05 · Employment by sector Percentage of total employment				2018
Employment by sector / Agriculture Percentage of total employment	12.8	8.7		2018

Employment by sector / Industry	25.7	23.9	2018
Percentage of total employment			
Employment by sector / Services	61.5	67.4	2018
Percentage of total employment			
I.4.06 · Employment in the public sector	4.21	17.65	5 2017
Percentage of total employment			
I.4.07 · Unemployment rate	3.32	6.57	10 2018
Percentage of labor force			
I.4.08 · Long-term unemployment	0.03	2.33	2 2018
Percentage of labor force			
I.4.09 · Youth unemployment	6.90	15.42	8 2018
Percentage of youth labor force (under the age of 25)			
I.4.10 · Youth exclusion	18.7	12.3	49 2017
Share of youth population (15-24) not in education, employment or training			

## I.5 · Prices

	Value	Average	Rank	Year
I.5.01 · Consumer price inflation	4.90	14,761.73	56	2018
Average annual rate				
I.5.02 · Cost-of-living index	65.30	81.10	8	2018
Index of a basket of goods & services in the main city, including housing (New York City = 100)				
I.5.03 · Apartment rent	1,110	1,525	24	2018
3-room apartment monthly rent in major cities, US\$				
I.5.04 · Office rent	501	603	32	2017
Total occupation cost in the main city (US\$/Sq.M. per year)				
I.5.05 · Food costs	23.67	18.38	47	2017
Percentage of household final consumption expenditures				
I.5.06 · Gasoline prices	1.01	1.29	17	2018
Premium unleaded gasoline (95 Ron) US\$ per litre				

# MEXICO

## 2 · Government Efficiency

### 2.1 · Public Finance

	Value	Average	Rank	Year
2.1.01 · Government budget surplus/deficit (\$bn)	-28.46	-35.78	52	2018
US\$ billions				
2.1.02 · Government budget surplus/deficit (%)	-2.33	-1.56	45	2018
Percentage of GDP				
2.1.03 · Total general government debt (\$bn)	655.30	1,075.60	50	2018
US\$ billions				
2.1.04 · Total general government debt (%)	53.57	59.51	34	2018
Percentage of GDP				
2.1.05 · Total general government debt-real growth	1.57	4.23	33	2018
Percentage change, based on national currency in constant prices				
2.1.06 · Central government domestic debt	26.35	38.21	24	2018
Percentage of GDP				
2.1.07 · Central government foreign debt	0.41	19.01	10	2018
Percentage of GDP				
2.1.08 · Interest payment (%)	8.39	5.89	46	2018
Percentage of current revenue				
2.1.09 · Public finances	3.64	4.70	46	2019
Public finances are being efficiently managed				
2.1.10 · Tax evasion	3.19	4.73	52	2019
Tax evasion is not a threat to your economy				
2.1.11 · Pension funding	3.07	4.22	47	2019
Pension funding is adequately addressed for the future				
2.1.12 · General government expenditure	23.8	35.1	15	2018
Percentage of GDP				

### 2.2 · Tax Policy

	Value	Average	Rank	Year
2.2.01 · Collected total tax revenues	15.51	27.08	12	2017
Percentage of GDP				
2.2.02 · Collected personal income tax	3.44	5.89	24	2017
On profits, income and capital gains, as a percentage of GDP				
2.2.03 · Collected corporate taxes	3.51	3.04	42	2017
On profits, income and capital gains, as a percentage of GDP				
2.2.04 · Collected indirect tax revenues	12.31	9.78	47	2017
Taxes on goods and services as a percentage of GDP				
2.2.05 · Collected capital and property taxes	0.31	1.39	11	2016
Percentage of GDP				
2.2.06 · Collected social security contribution	2.13	7.12	16	2017
Compulsory contribution of employees and employers as a percentage of GDP				
2.2.07 · Effective personal income tax rate	14.10	16.65	25	2018
Percentage of an income equal to GDP per capita				
2.2.08 · Corporate tax rate on profit	30.00	23.10	51	2018
Maximum tax rate, calculated on profit before tax				
2.2.09 · Consumption tax rate	16.00	16.28	23	2018
Standard rate of VAT/GST				
2.2.10 · Employee's social security contribution rate	2.41	9.27	10	2018
Compulsory contribution as a percentage of an income equal to GDP per capita				
2.2.11 · Employer's social security contribution rate	20.87	16.56	45	2018
Compulsory contribution as a percentage of an income equal to GDP per capita				
2.2.12 · Real personal taxes	3.78	5.17	54	2019
Real personal taxes do not discourage people from working or seeking advancement				

## 2.3 · Institutional Framework

		Value	Average	Rank	Year
2.3.01 · Real short-term interest rate	Real discount / bank rate	3.05	-1.53	58	2018
2.3.02 · Cost of capital	Cost of capital encourages business development	4.00	5.49	50	2019
2.3.03 · Interest rate spread	Lending rate minus deposit rate	4.81	3.89	48	2018
2.3.04 · Country credit rating	Index (0-60) of three country credit ratings: Fitch, Moody's and S&P	39.3	42.5	39	2018
2.3.05 · Central bank policy	Central bank policy has a positive impact on the economy	7.05	6.30	20	2019
2.3.06 · Foreign currency reserves	US\$ billions	176.38	185.59	14	2018
2.3.07 · Foreign currency reserves per capita	US\$ per capita	1,409	6,963	47	2018
2.3.08 · Exchange rate stability	Parity change from national currency to SDR, 2018 / 2016	0.050	0.076	49	2018
2.3.09 · Legal and regulatory framework	The legal and regulatory framework encourages the competitiveness of enterprises	4.42	5.09	40	2019
2.3.10 · Adaptability of government policy	Adaptability of government policy to changes in the economy is high	2.95	4.42	51	2019
2.3.11 · Transparency	Transparency of government policy is satisfactory	2.50	4.68	56	2019
2.3.12 · Bureaucracy	Bureaucracy does not hinder business activity	1.96	3.59	52	2019
2.3.13 · Bribery and corruption	Bribery and corruption do not exist	1.10	4.66	57	2019
2.3.14 · Rule of law	Rule of Law Index	0.45	0.65	49	2018

## 2.4 · Business Legislation

		Value	Average	Rank	Year
2.4.01 · Tariff barriers	Tariffs on imports: Most favored nation simple average rate	6.91	5.96	52	2017
2.4.02 · Protectionism	Protectionism of your government does not impair the conduct of your business	3.66	5.83	58	2019
2.4.03 · Public sector contracts	Public sector contracts are sufficiently open to foreign bidders	4.40	6.06	55	2019
2.4.04 · Foreign investors	Foreign investors are free to acquire control in domestic companies	6.14	6.93	43	2019
2.4.05 · Capital markets	Capital markets (foreign and domestic) are easily accessible	5.09	6.52	54	2019
2.4.06 · Investment incentives	Investment incentives are attractive to foreign investors	4.74	5.92	51	2019
2.4.07 · Government subsidies	To private and public companies as a percentage of GDP	1.70	1.18	48	2018
2.4.08 · Subsidies	Subsidies do not distort fair competition and economic development	4.00	5.45	54	2019
2.4.09 · State ownership of enterprises	State ownership of enterprises is not a threat to business activities	4.82	6.04	50	2019
2.4.10 · Competition legislation	Competition legislation is efficient in preventing unfair competition	4.71	5.77	51	2019
2.4.11 · Parallel economy	Parallel (black-market, unrecorded) economy does not impair economic development	2.32	4.94	60	2019
2.4.12 · New business density	Registered new businesses per 1'000 people aged 15-64	0.5	5.9	51	2016
2.4.13 · Creation of firms	Creation of firms is supported by legislation	4.76	6.46	54	2019
2.4.14 · Start-up days	Start-up days	8.4	14.9	32	2018

Number of days to start a business				
<b>2.4.15 · Start-up procedures</b>	<b>7.8</b>	<b>6.0</b>	<b>46</b>	<b>2018</b>
Number of procedures to start a business				
<b>2.4.16 · Labor regulations</b>	<b>4.34</b>	<b>5.24</b>	<b>48</b>	<b>2019</b>
Labor regulations (hiring/firing practices, minimum wages, etc.) do not hinder business activities				
<b>2.4.17 · Unemployment legislation</b>	<b>3.80</b>	<b>5.01</b>	<b>53</b>	<b>2019</b>
Unemployment legislation provides an incentive to look for work				
<b>2.4.18 · Immigration laws</b>	<b>5.72</b>	<b>5.83</b>	<b>35</b>	<b>2019</b>
Immigration laws do not prevent your company from employing foreign labor				
<b>2.4.19 · Redundancy costs</b>	<b>22.0</b>	<b>9.4</b>	<b>53</b>	<b>2018</b>
Number of weeks of salary				

## 2.5 · Societal Framework

	Value	Average	Rank	Year
<b>2.5.01 · Justice</b>	<b>2.71</b>	<b>5.68</b>	<b>55</b>	<b>2019</b>
Justice is fairly administered				
<b>2.5.02 · Homicide</b>	<b>19.3</b>	<b>4.6</b>	<b>59</b>	<b>2016</b>
Intentional homicide, rate per 100'000 population				
<b>2.5.03 · Ageing of population</b>	<b>7.2</b>	<b>14.3</b>	<b>13</b>	<b>2018</b>
Population over 65, percentage of total population				
<b>2.5.04 · Risk of political instability</b>	<b>3.09</b>	<b>5.79</b>	<b>58</b>	<b>2019</b>
The risk of political instability is very low				
<b>2.5.05 · Social cohesion</b>	<b>3.72</b>	<b>5.46</b>	<b>52</b>	<b>2019</b>
Social cohesion is high				
<b>2.5.06 · Gini coefficient</b>	<b>43.40</b>	<b>35.20</b>	<b>50</b>	<b>2017</b>
Equal distribution of income scale: 0 (absolute equality) to 100 (absolute inequality)				
<b>2.5.07 · Income distribution - lowest 10%</b>	<b>1.76</b>	<b>2.73</b>		<b>2016</b>
Percentage of household incomes going to lowest 10% of households				
<b>2.5.08 · Income distribution - highest 10%</b>	<b>36.30</b>	<b>26.89</b>		<b>2016</b>
Percentage of household incomes going to highest 10% of households				
<b>2.5.09 · Income share held by lowest 60% - growth</b>	<b>4.43</b>	<b>0.28</b>	<b>I</b>	<b>2016</b>
Percentage change of household incomes going to lowest 60% of households				
<b>2.5.10 · Equal opportunity</b>	<b>4.14</b>	<b>6.06</b>	<b>59</b>	<b>2019</b>
Equal opportunity legislation in your economy encourages economic development				
<b>2.5.11 · Females in parliament</b>	<b>41.40</b>	<b>25.22</b>	<b>3</b>	<b>2017</b>
Percentage of total seats in Parliament				
<b>2.5.12 · Unemployment rate - gender ratio</b>	<b>1.06</b>	<b>1.38</b>	<b>29</b>	<b>2018</b>
Difference between the female and male unemployment rates				
<b>2.5.13 · Gender inequality</b>	<b>0.343</b>	<b>0.189</b>	<b>52</b>	<b>2017</b>
Gender Inequality Index (UNDP)				
<b>2.5.14 · Disposable Income</b>	<b>73.8</b>	<b>71.1</b>	<b>31</b>	<b>2018</b>
Female / male ratio				

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## 3 · Business Efficiency

### 3.1 · Productivity & Efficiency

	Value	Average	Rank	Year
3.1.01 · Overall productivity (PPP)	46,849	79,104	48	2018
Estimates: GDP (PPP) per person employed, US\$				
3.1.02 · Overall productivity (PPP) - real growth	0.73	1.36	43	2018
Estimates: Percentage change of GDP (PPP) per person employed				
3.1.03 · Labor productivity (PPP)	20.75	44.82	51	2018
Estimates: GDP (PPP) per person employed per hour, US\$				
3.1.04 · Agricultural productivity (PPP)	13,126	49,157	49	2018
Estimates: Related GDP (PPP) per person employed in agriculture, US\$				
3.1.05 · Productivity in industry (PPP)	60,567	100,569	49	2018
Estimates: Related GDP (PPP) per person employed in industry, US\$				
3.1.06 · Productivity in services (PPP)	49,030	78,649	50	2018
Estimates: Related GDP (PPP) per person employed in services, US\$				
3.1.07 · Workforce productivity	6.50	6.14	24	2019
Workforce productivity is competitive by international standards				
3.1.08 · Large corporations	7.45	6.69	14	2019
Large corporations are efficient by international standards				
3.1.09 · Small and medium-size enterprises	5.33	6.03	44	2019
Small and medium-size enterprises are efficient by international standards				
3.1.10 · Use of digital tools and technologies	5.09	6.07	54	2019
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	2.34	13.64	10	2018
Total hourly compensation in manufacturing (wages + supplementary benefits), US\$				
3.2.02 · Unit labor costs for total economy	-	2.23		
Percentage change				
3.2.03 · Remuneration in services professions	7,429	28,097	5	2018
Gross annual income including supplements such as bonuses, US\$				
Remuneration in services professions / Call center agent	3,939	18,893		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Nurse	3,915	18,792		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Primary school teacher	6,097	30,286		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Product Manager	13,093	48,626		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Sales Assistant	8,571	29,496		2018
Gross annual income including supplements such as bonuses, in US\$				
Remuneration in services professions / Secretary / Personal	8,956	22,488		2018
Gross annual income including supplements such as bonuses, in US\$				
3.2.04 · Remuneration of management	198,605	168,492	43	2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / CEO	343,777	304,252		2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Director manufacturing	208,336	148,688		2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Engineer	65,056	79,567		2018
Total base salary plus bonuses and long-term incentives, US\$				
Remuneration of management / Human resources director	177,251	141,460		2018
Total base salary plus bonuses and long-term incentives, US\$				
3.2.05 · Remuneration spread	38.38	17.63	58	2018

Ratio of CEO to personal assistant remuneration					
3.2.06 · Working hours	2,257	1,838	2	2018	
Average number of working hours per year					
3.2.07 · Worker motivation	5.31	5.85	42	2019	
Worker motivation in companies is high					
3.2.08 · Industrial disputes	0.04	11.29	13	2017	
Working days lost per 1,000 inhabitants per year (average 2015-2017)					
3.2.09 · Apprenticeships	4.42	5.03	42	2019	
Apprenticeships are sufficiently implemented					
3.2.10 · Employee training	5.15	5.94	49	2019	
Employee training is a high priority in companies					
3.2.11 · Labor force	56.02	41.32	8	2018	
Employed and registered unemployed (millions)					
3.2.12 · Labor force (%)	44.75	50.35	49	2018	
Percentage of population					
3.2.13 · Labor force growth	2.43	0.98	6	2018	
Percentage change					
3.2.14 · Labor force long-term growth	3.23	1.59	13	2018	
Estimates: % of population, percentage change in 4 years					
3.2.15 · Part-time employment	17.20	14.17	19	2017	
Percentage of total employment					
3.2.16 · Female labor force	38.65	43.01	54	2018	
Percentage of total labor force					
3.2.17 · Foreign labor force	-	14.71			
Percentage of total labor force					
3.2.18 · Skilled labor	5.38	5.41	38	2019	
Skilled labor is readily available					
3.2.19 · Finance skills	5.21	6.27	53	2019	
Finance skills are readily available					
3.2.20 · Attracting and retaining talents	5.72	6.75	54	2019	
Attracting and retaining talents is a priority in companies					
3.2.21 · Brain drain	4.24	4.88	43	2019	
Brain drain (well-educated and skilled people) does not hinder competitiveness in your economy					
3.2.22 · Foreign highly-skilled personnel	5.32	5.36	31	2019	
Foreign highly-skilled personnel are attracted to your country's business environment					
3.2.23 · International experience	5.94	5.61	22	2019	
International experience of senior managers is generally significant					
3.2.24 · Competent senior managers	4.96	5.46	44	2019	
Competent senior managers are readily available					

### 3.3 · Finance

	Value	Average	Rank	Year
3.3.01 · Banking sector assets	52.50	145.18	59	2018
Percentage of GDP				
3.3.02 · Financial cards in circulation	2.40	3.39	33	2018
Number of cards per capita				
3.3.03 · Financial card transactions	2,511	10,482	53	2018
US\$ per capita				
3.3.04 · Access to financial services	36.93	82.69	60	2017
Proportion of adults with a bank account or mobile-money-service provider				
3.3.05 · Access to financial services - gender ratio	0.81	0.96	57	2017
Difference between the female and male access to a bank account or mobile-money-service provider				
3.3.06 · Banking and financial services	5.10	6.09	52	2019
Banking and financial services do support business activities efficiently				
3.3.07 · Regulatory compliance (banking laws)	5.66	6.78	55	2019
Regulatory compliance is sufficiently developed				
3.3.08 · Stock markets	4.88	5.54	41	2019
Stock markets provide adequate financing to companies				
3.3.09 · Stock market capitalization (\$bn)	418.6	1,066.4	26	2018
US\$ billions				

3.3.10 · Stock market capitalization (%)	34.21	79.72	40	2018
Percentage of GDP				
3.3.11 · Value traded on stock markets	749	17,733	38	2018
US\$ per capita				
3.3.12 · Listed domestic companies	141	707	39	2017
Number of listed domestic companies				
3.3.13 · Stock market index	-3.80	6.10	57	2018
Percentage change on index in national currency				
3.3.14 · Shareholders' rights	5.98	6.73	49	2019
Shareholders' rights are sufficiently implemented				
3.3.15 · Initial Public Offerings	2,293.7	2,955.1	16	2018
By acquirer nation (average 2016-2018) US\$ millions				
3.3.16 · Credit	4.44	5.88	54	2019
Credit is easily available for business				
3.3.17 · Venture capital	3.80	5.13	53	2019
Venture capital is easily available for business				
3.3.18 · M&A Activity	0.777	1.163	22	2017
Deals per listed company (average 2015-2017)				
3.3.19 · Corporate debt	5.28	5.85	43	2019
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	5.17	5.95	53	2019
Companies are agile				
3.4.02 · Changing market conditions	5.90	6.58	50	2019
Companies are generally extremely aware of changing market conditions				
3.4.03 · Opportunities and threats	5.01	6.02	58	2019
Companies are very good at responding quickly to opportunities and threats				
3.4.04 · Credibility of managers	6.18	6.03	29	2019
Credibility of managers in society is strong				
3.4.05 · Corporate boards	6.00	6.03	34	2019
Corporate boards do supervise the management of companies effectively				
3.4.06 · Auditing and accounting practices	6.18	7.16	53	2019
Auditing and accounting practices are adequately implemented in business				
3.4.07 · Use of big data and analytics	3.92	5.07	56	2019
Companies are very good at using big data and analytics to support decision-making				
3.4.08 · Customer satisfaction	6.14	6.88	54	2019
Customer satisfaction is emphasized in companies				
3.4.09 · Entrepreneurship	5.25	5.94	53	2019
Entrepreneurship of managers is widespread in business				
3.4.10 · Social responsibility	5.15	5.84	46	2019
Social responsibility of business leaders is high				
3.4.11 · Women in management	36.68	31.70	18	2017
Female share of senior and middle management (% of management)				
3.4.12 · Women on boards	7.30	18.25	48	2018
Boardmembers of all companies analyzed by MSCI				

#### 3.5 · Attitudes and Values

	Value	Average	Rank	Year
3.5.01 · Attitudes toward globalization	6.30	6.37	35	2019
Attitudes toward globalization are generally positive in your society				
3.5.02 · Image abroad or branding	4.75	6.22	49	2019
The image abroad of your country encourages business development				
3.5.03 · National culture	5.86	6.68	49	2019
The national culture is open to foreign ideas				
3.5.04 · Flexibility and adaptability	5.68	6.55	52	2019
Flexibility and adaptability of people are high when faced with new challenges				
3.5.05 · Need for economic and social reforms	4.24	5.79	57	2019
The need for economic and social reforms is generally well understood				

3.5.06 · Digital transformation in companies	4.14	5.66	61	2019
Digital transformation in companies is generally well understood				
3.5.07 · Value system	4.51	6.16	58	2019
The value system in your society supports competitiveness				

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## 4 · Infrastructure

### 4.1 · Basic Infrastructure

	Value	Average	Rank	Year
4.1.01 · Land area Square kilometers ('000)	1,964	1,478	11	2018
4.1.02 · Arable area Square meters per capita	2,052	3,111	30	2016
4.1.03 · Water resources Total internal renewable per capita in cubic meters	3,220	19,246	33	2014
4.1.04 · Access to water Access to water is adequately ensured and managed	5.55	8.00	57	2019
4.1.05 · Management of cities Management of cities supports business development	4.97	6.60	55	2019
4.1.06 · Population - market size Estimates in millions	125.19	83.80	8	2018
4.1.07 · Population - growth Percentage change	0.98	0.79	27	2018
4.1.08 · Population under 15 years Percentage of total population	26.8	18.9		2018
4.1.09 · Population over 65 years Percentage of total population	7.2	14.3		2018
4.1.10 · Dependency ratio Population under 15 and over 64 years old, divided by active population (15 to 64 years)	51.7	50.2	29	2018
4.1.11 · Roads Density of the network, km roads/square km land area	0.20	1.22	47	2015
4.1.12 · Railroads Density of the network, km per square km	0.014	0.047	39	2014
4.1.13 · Air transportation Number of passengers carried by main companies, thousands	58,537	62,185	20	2017
4.1.14 · Quality of air transportation Quality of air transportation encourages business development	4.87	7.12	58	2019
4.1.15 · Distribution infrastructure The distribution infrastructure of goods and services is generally efficient	5.01	7.07	55	2019
4.1.16 · Energy infrastructure Energy infrastructure is adequate and efficient	4.83	7.09	58	2019
4.1.17 · Total indigenous energy production Millions MTOE	180.46	178.96	13	2016
4.1.18 · Total indigenous energy production (%) Percentage of total requirements in tons of oil equivalent	97.5	106.0	17	2016
4.1.19 · Total final energy consumption Millions MTOE	121.76	125.73	50	2016
4.1.20 · Total final energy consumption per capita MTOE per capita	0.99	2.43	7	2016
4.1.21 · Electricity costs for industrial clients US\$ per kWh	0.090	0.103	20	2018

### 4.2 · Technological Infrastructure

	Value	Average	Rank	Year
4.2.01 · Investment in Telecommunications Percentage of GDP	0.40	0.47	36	2018
4.2.02 · Mobile Broadband subscribers 3G & 4G market, % of mobile market	70.4	75.4	39	2017
4.2.03 · Mobile Telephone costs Monthly Blended Average Revenue per User	6.2	16.6	10	2017
4.2.04 · Communications technology	6.06	7.71	58	2019

Communications technology (voice and data) meets business requirements				
4.2.05 · Computers in use	1.91	1.35	12	2017
Worldwide share/ Source: Computer Industry Almanac				
4.2.06 · Computers per capita	411	713	46	2017
Number of computers per 1000 people/ Source: Computer Industry Almanac				
4.2.07 · Internet users	445	736	57	2017
Number of internet users per 1000 people/ Source: Computer Industry Almanac				
4.2.08 · Broadband subscribers	133	369	57	2017
Number of subscriptions per 1000 inhabitants				
4.2.09 · Internet bandwidth speed	5.7	18.5	47	2018
Average speed				
4.2.10 · Digital/Technological skills	5.29	6.91	58	2019
Digital/Technological skills are readily available				
4.2.11 · Qualified engineers	6.42	6.49	38	2019
Qualified engineers are available in your labor market				
4.2.12 · Public-private partnerships	5.15	5.96	47	2019
Public and private sector ventures are supporting technological development				
4.2.13 · Development and application of technology	5.05	6.41	56	2019
Development and application of technology are supported by the legal environment				
4.2.14 · Funding for technological development	4.04	5.88	56	2019
Funding for technological development is readily available				
4.2.15 · High-tech exports (\$)	50,435	31,268	12	2017
US\$ millions				
4.2.16 · High-tech exports (%)	15.17	13.58	17	2017
Percentage of manufactured exports				
4.2.17 · ICT service exports	0.4	27.3	62	2017
Percentage of service exports				
4.2.18 · Cyber security	4.04	5.80	59	2019
Cyber security is being adequately addressed by corporations				

### 4.3 · Scientific Infrastructure

	Value	Average	Rank	Year
4.3.01 · Total expenditure on R&D (\$)	5,239	25,527	29	2016
US\$ millions				
4.3.02 · Total expenditure on R&D (%)	0.49	1.46	53	2016
Percentage of GDP				
4.3.03 · Total expenditure on R&D per capita (\$)	42.7	557.5	53	2016
US\$ per capita				
4.3.04 · Business expenditure on R&D (\$)	1,601	18,988	33	2016
US\$ millions				
4.3.05 · Business expenditure on R&D (%)	0.15	0.97	52	2016
Percentage of GDP				
4.3.06 · Total R&D personnel	59.1	204.5	28	2013
Full-time work equivalent (FTE thousands)				
4.3.07 · Total R&D personnel per capita	0.50	4.57	54	2013
Full-time work equivalent (FTE) per 1000 people				
4.3.08 · Total R&D personnel in business enterprise	19.2	150.9	35	2013
Full-time work equivalent (FTE thousands)				
4.3.09 · Total R&D personnel in business per capita	0.16	2.78	56	2013
Full-time work equivalent (FTE) per 1000 people				
4.3.10 · Researchers in R&D per capita	0.3	3.2	54	2013
Full-time work equivalent (FTE) per 1000 people				
4.3.11 · Science degrees	40.10	34.67	13	2013
Percentage of total first university degrees in science and engineering				
4.3.12 · Scientific articles	14,529	34,843	25	2016
Scientific articles published by origin of author				
4.3.13 · Nobel prizes	0	9	29	2018
Awarded in physics, chemistry, physiology or medicine and economics since 1950				
4.3.14 · Nobel prizes per capita	0.00	0.19	29	2018
Awarded in physics, chemistry, physiology or medicine and economics since 1950 per million people				

<b>4.3.15 · Patent applications</b>	2,522	51,847	33	2017
Number of applications filed by applicant's origin				
<b>4.3.16 · Patent applications per capita</b>	2.03	82.67	56	2017
Number of applications filed by applicant's origin, per 100,000 inhabitants				
<b>4.3.17 · Patent grants</b>	980	22,349	37	2017
Number of patents granted by applicant's origin (average 2014-2016)				
<b>4.3.18 · Number of patents in force</b>	6.4	341.1	51	2017
by applicant's origin, per 100,000 inhabitants				
<b>4.3.19 · Medium- and high-tech value added</b>	39.76	37.98	30	2015
Proportion of total manufacturing value added, expressed as a percentage				
<b>4.3.20 · Scientific research legislation</b>	4.16	5.85	55	2019
Laws relating to scientific research do encourage innovation				
<b>4.3.21 · Intellectual property rights</b>	4.93	6.53	53	2019
Intellectual property rights are adequately enforced				
<b>4.3.22 · Knowledge transfer</b>	4.24	5.34	53	2019
Knowledge transfer is highly developed between companies and universities				

#### 4.4 · Health and Environment

	Value	Average	Rank	Year
<b>4.4.01 · Total health expenditure</b>	5.5	7.4	46	2016
Percentage of GDP				
<b>4.4.02 · Total health expenditure per capita</b>	480	2,339	46	2016
US\$ per capita				
<b>4.4.03 · Public expenditure on health (%)</b>	52.15	66.07	53	2016
Percentage of total health expenditure				
<b>4.4.04 · Health infrastructure</b>	3.33	5.72	52	2019
Health infrastructure meets the needs of society				
<b>4.4.05 · Universal health care coverage index</b>	76	74	30	2015
Index (0-80) measuring coverage of essential health services				
<b>4.4.06 · Life expectancy at birth</b>	77.3	78.2	38	2017
Average estimate				
<b>4.4.07 · Healthy life expectancy</b>	68.5	69.5	38	2018
Average estimate				
<b>4.4.08 · Infant mortality</b>	13.4	8.2	53	2017
Under five mortality rate per 1000 live births				
<b>4.4.09 · Medical assistance</b>	50			2016
Number of inhabitants per physician and per nurse				
<b>Medical assistance / Per nurse</b>	358.87	209.15		2016
Number of inhabitants per physician and per nurse				
<b>Medical assistance / Per physician</b>	424.43	485.47		2016
Number of inhabitants per physician and per nurse				
<b>4.4.10 · Urban population</b>	80	76		2018
Percentage of total population				
<b>4.4.11 · Human development index</b>	0.774	0.851	50	2017
Combines economic - social - educational indicators/ Source: Human Development Report				
<b>4.4.12 · Energy intensity</b>	113	127	32	2016
Total energy consumed for each 1000 US\$ of GDP in MTOE				
<b>4.4.13 · Waste water treatment plants</b>	-	76.7		
Percentage of population served				
<b>4.4.14 · Water consumption intensity</b>	80.33	41.11	40	2016
Water withdrawal for each 1000 US\$ of GDP in cubic meters				
<b>4.4.15 · CO2 emissions</b>	445.5	448.2	53	2016
Metric tons of carbon dioxide from fuel combustion				
<b>4.4.16 · CO2 emissions intensity</b>	413.3	440.1	42	2016
CO2 emissions from fuel combustion in metric tons per one million US\$ of GDP				
<b>4.4.17 · Exposure to particle pollution</b>	21.26	20.11	49	2016
Mean population exposure to PM2.5, Micrograms per cubic metre				
<b>4.4.18 · Renewable energies (%)</b>	8.4	15.9	40	2016
Share of renewables in total energy requirements, %				
<b>4.4.19 · Forest area growth</b>	-0.7	1.4	54	2015

Five year percentage change of hectares				
<b>4.4.20 · Total biocapacity</b>	1.17	3.96	44	2015
Global hectares per capita of biologically productive space				
<b>4.4.21 · Ecological footprint</b>	2.6	5.4	9	2015
Global hectares per person				
<b>4.4.22 · Ecological balance (reserve/deficit)</b>	-1.40	-1.44	27	2015
Total biocapacity minus total footprint in global hectares per capita				
<b>4.4.23 · Environment-related technologies</b>	0.12	1.59	33	2015
Development of environment-related technologies, % inventions worldwide				
<b>4.4.24 · Environmental agreements</b>	85.54	83.39	35	2015
Multilateral agreements on hazardous waste, proportion fulfilled				
<b>4.4.25 · Sustainable development</b>	4.58	6.08	58	2019
Sustainable development is a priority in companies				
<b>4.4.26 · Pollution problems</b>	3.45	5.77	58	2019
Pollution problems do not seriously affect your economy				
<b>4.4.27 · Environmental laws</b>	5.19	6.22	53	2019
Environmental laws and compliance do not hinder the competitiveness of businesses				
<b>4.4.28 · Quality of life</b>	5.25	6.70	45	2019
Quality of life is high				

## 4.5 · Education

	Value	Average	Rank	Year
<b>4.5.01 · Total public expenditure on education</b>	3.1	4.6	56	2017
Percentage of GDP				
<b>4.5.02 · Total public expenditure on education per capita</b>	293	1,418	52	2017
US\$ per capita				
<b>4.5.03 · Gov. expenditure on education per student</b>	15.6	21.1	50	2015
Percentage of GDP per capita (secondary education)				
<b>4.5.04 · Total public expenditure on education per student</b>	959	6,115	54	2017
Spending per enrolled pupil/student, all levels				
<b>4.5.05 · Pupil-teacher ratio (primary education)</b>	26.74	16.25	58	2016
Ratio of students to teaching staff				
<b>4.5.06 · Pupil-teacher ratio (secondary education)</b>	27.04	13.79	61	2016
Ratio of students to teaching staff				
<b>4.5.07 · Secondary school enrollment</b>	77.7	89.5	55	2017
Percentage of relevant age group receiving full-time education				
<b>4.5.08 · Higher education achievement</b>	22.6	41.6	53	2017
Percentage of population that has attained at least tertiary education for persons 25-34				
<b>4.5.09 · Women with degrees</b>	16.4	37.9	52	2017
Share of women who have a degree in the population 25-65				
<b>4.5.10 · Student mobility inbound</b>	0.20	3.14	54	2017
Foreign tertiary-level students per 1000 inhabitants				
<b>4.5.11 · Student mobility outbound</b>	0.25	2.42	55	2017
National tertiary-level students studying abroad per 1000 inhabitants				
<b>4.5.12 · Educational assessment - PISA</b>	412	476	50	2015
PISA survey of 15-year olds				
<b>Educational assessment - PISA / Mathematics</b>	408	475		2015
PISA survey of 15-year olds				
<b>Educational assessment - PISA / Sciences</b>	416	478		2015
PISA survey of 15-year olds				
<b>4.5.13 · English proficiency - TOEFL</b>	86	89	44	2017
TOEFL scores				
<b>4.5.14 · Primary and secondary education</b>	3.76	6.00	56	2019
Primary and secondary education meets the needs of a competitive economy				
<b>4.5.15 · University education</b>	5.36	6.29	45	2019
University education meets the needs of a competitive economy				
<b>4.5.16 · Management education</b>	5.37	6.31	48	2019
Management education meets the needs of the business community				
<b>4.5.17 · University education index</b>	3.59	31.72	52	2018
Country score calculated from Times Higher Education university ranking				

<b>4.5.18 · Illiteracy</b>	5.5	2.7	54	2016
Adult (over 15 years) illiteracy rate as a percentage of population				
<b>4.5.19 · Language skills</b>	4.51	6.31	51	2019
Language skills are meeting the needs of enterprises				



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