

## Key indicators

Population (millions) .....	207.8
GDP (US\$ billions) .....	1,772.6
GDP per capita, PPP\$ .....	15,614.5
Income group .....	Upper-middle income
Region .....	Latin America and the Caribbean

	Score 0–100 or value (hard data)	Rank
<b>Global Innovation Index (out of 128) .....</b>	<b>33.2</b>	<b>69</b>
Innovation Output Sub-Index .....	23.7	79
Innovation Input Sub-Index .....	42.7	58
Innovation Efficiency Ratio .....	0.6	100 ○
Global Innovation Index 2015 (out of 141) .....	34.9	70

<b>1</b>	<b>Institutions .....</b>	<b>55.3</b>	<b>78</b>
1.1	Political environment .....	48.6	70
1.1.1	Political stability & safety* .....	62.5	68
1.1.2	Government effectiveness* .....	34.8	79
1.2	Regulatory environment .....	64.6	73
1.2.1	Regulatory quality* .....	42.9	75
1.2.2	Rule of law* .....	45.1	64
1.2.3	Cost of redundancy dismissal, salary weeks .....	15.4	65
1.3	Business environment .....	52.6	123 ○
1.3.1	Ease of starting a business* .....	64.3	123 ○
1.3.2	Ease of resolving insolvency* .....	52.7	58
1.3.3	Ease of paying taxes* .....	40.9	121 ○
<b>2</b>	<b>Human capital &amp; research .....</b>	<b>32.5</b>	<b>60</b>
2.1	Education .....	43.8	75
2.1.1	Expenditure on education, % GDP .....	5.9	28 ●
2.1.2	Gov't expenditure/pupil, secondary, % GDP/cap .....	22.7	46
2.1.3	School life expectancy, years .....	n/a	n/a
2.1.4	PISA scales in reading, maths, & science .....	402.1	53 ○
2.1.5	Pupil-teacher ratio, secondary <sup>Ⓓ</sup> .....	17.3	74
2.2	Tertiary education .....	13.8	111 ○
2.2.1	Tertiary enrolment, % gross .....	n/a	n/a
2.2.2	Graduates in science & engineering, % <sup>Ⓓ</sup> .....	12.0	96 ○
2.2.3	Tertiary inbound mobility, % <sup>Ⓓ</sup> .....	0.2	98 ○
2.3	Research & development (R&D) .....	39.9	30 ●
2.3.1	Researchers, FTE/mn pop. <sup>Ⓓ</sup> .....	698.1	52
2.3.2	Gross expenditure on R&D, % GDP <sup>Ⓓ</sup> .....	1.2	29
2.3.3	Global R&D companies, avg. expend. top 3, mn \$US .....	557.8	17 ●
2.3.4	QS university ranking, average score top 3* .....	52.3	26 ●
<b>3</b>	<b>Infrastructure .....</b>	<b>44.9</b>	<b>59</b>
3.1	Information & communication technologies (ICTs) .....	61.2	42
3.1.1	ICT access* .....	62.8	61
3.1.2	ICT use* .....	51.6	46
3.1.3	Government's online service* .....	59.8	49
3.1.4	E-participation* .....	70.6	24 ●
3.2	General infrastructure .....	28.1	91
3.2.1	Electricity output, kWh/cap .....	2,851.6	65
3.2.2	Logistics performance* .....	2.9	63
3.2.3	Gross capital formation, % GDP .....	18.0	98 ○
3.3	Ecological sustainability .....	45.3	52
3.3.1	GDP/unit of energy use, 2005 PPP\$/kg oil eq .....	8.8	45
3.3.2	Environmental performance* .....	78.9	45
3.3.3	ISO 14001 environmental certificates/bn PPP\$ GDP .....	1.0	63
<b>4</b>	<b>Market sophistication .....</b>	<b>43.9</b>	<b>57</b>
4.1	Credit .....	24.0	95
4.1.1	Ease of getting credit* .....	45.0	81
4.1.2	Domestic credit to private sector, % GDP .....	67.1	45
4.1.3	Microfinance gross loans, % GDP .....	0.1	59

4.2	Investment .....	35.5	68
4.2.1	Ease of protecting minority investors* .....	65.0	28 ●
4.2.2	Market capitalization, % GDP .....	36.0	46
4.2.3	Total value of stocks traded, % GDP .....	27.6	23
4.2.4	Venture capital deals/bn PPP\$ GDP .....	0.0	47
<b>4.3</b>	<b>Trade, competition, &amp; market scale .....</b>	<b>72.3</b>	<b>28 ●</b>
4.3.1	Applied tariff rate, weighted mean, % <sup>Ⓓ</sup> .....	7.8	103 ○
4.3.2	Intensity of local competition <sup>†</sup> .....	72.9	40
4.3.3	Domestic market scale, bn PPP\$ .....	3,275.8	7 ●

<b>5</b>	<b>Business sophistication .....</b>	<b>37.0</b>	<b>39</b>
5.1	Knowledge workers .....	41.6	52
5.1.1	Knowledge-intensive employment, % .....	21.6	63
5.1.2	Firms offering formal training, % firms <sup>Ⓓ</sup> .....	42.2	34
5.1.3	GERD performed by business, % of GDP .....	n/a	n/a
5.1.4	GERD financed by business, % <sup>Ⓓ</sup> .....	40.3	35
5.1.5	Females employed w/advanced degrees, % total .....	9.1	67
5.2	Innovation linkages .....	31.5	61
5.2.1	University/industry research collaboration <sup>†</sup> .....	46.7	53
5.2.2	State of cluster development <sup>†</sup> .....	52.5	35
5.2.3	GERD financed by abroad, % .....	n/a	n/a
5.2.4	JV-strategic alliance deals/bn PPP\$ GDP .....	0.0	66 ○
5.2.5	Patent families 2+ offices/bn PPP\$ GDP .....	0.1	58
5.3	Knowledge absorption .....	38.0	28 ●
5.3.1	Intellectual property payments, % total trade .....	2.0	8 ●
5.3.2	High-tech imports less re-imports, % total trade .....	12.3	22 ●
5.3.3	ICT services imports, % total trade .....	1.3	43
5.3.4	FDI net inflows, % GDP .....	4.1	39
5.3.5	Research talent, % in business enterprise <sup>Ⓓ</sup> .....	25.9	50

<b>6</b>	<b>Knowledge &amp; technology outputs .....</b>	<b>23.7</b>	<b>67</b>
6.1	Knowledge creation .....	15.5	53
6.1.1	Patents by origin/bn PPP\$ GDP .....	1.4	56
6.1.2	PCT patent applications/bn PPP\$ GDP .....	0.2	52
6.1.3	Utility models by origin/bn PPP\$ GDP .....	0.8	29
6.1.4	Scientific & technical articles/bn PPP\$ GDP .....	12.2	59
6.1.5	Citable documents H index .....	379.0	23 ●
6.2	Knowledge impact .....	34.2	75
6.2.1	Growth rate of PPP\$ GDP/worker, % .....	0.3	85 ○
6.2.2	New businesses/th pop. 15–64 .....	2.9	39
6.2.3	Computer software spending, % GDP .....	0.3	55
6.2.4	ISO 9001 quality certificates/bn PPP\$ GDP .....	5.6	58
6.2.5	High- & medium-high-tech manufactures, % .....	38.7	23 ●
6.3	Knowledge diffusion .....	21.3	85
6.3.1	Intellectual property receipts, % total trade .....	0.1	44
6.3.2	High-tech exports less re-exports, % total trade .....	3.0	42
6.3.3	ICT services exports, % total trade .....	0.5	95
6.3.4	FDI net outflows, % GDP .....	1.1	46

<b>7</b>	<b>Creative outputs .....</b>	<b>23.6</b>	<b>90</b>
7.1	Intangible assets .....	37.0	90
7.1.1	Trademarks by origin/bn PPP\$ GDP .....	39.1	59
7.1.2	Industrial designs by origin/bn PPP\$ GDP .....	1.1	63
7.1.3	ICTs & business model creation <sup>†</sup> .....	55.5	74
7.1.4	ICTs & organizational model creation <sup>†</sup> .....	49.9	77
7.2	Creative goods & services .....	8.8	97
7.2.1	Cultural & creative services exports, % of total trade .....	0.1	46
7.2.2	National feature films/mn pop. 15–69 .....	0.9	78
7.2.3	Global ent. & media market/th pop. 15–69 .....	0.8	39
7.2.4	Printing & publishing manufactures, % .....	0.8	74 ○
7.2.5	Creative goods exports, % total trade .....	0.2	78
7.3	Online creativity .....	11.7	58
7.3.1	Generic top-level domains (TLDs)/th pop. 15–69 .....	1.7	89
7.3.2	Country-code TLDs/th pop. 15–69 .....	8.9	43
7.3.3	Wikipedia edits/mn pop. 15–69 .....	971.2	73
7.3.4	Video uploads on YouTube/pop. 15–69 .....	28.8	42

NOTES: ● indicates a strength; ○ a weakness; \* an index; † a survey question.

Ⓓ indicates that the country's data are older than the base year; see Appendix II for details, including the year of the data.

Square brackets indicate a top 10 or 100 or below sub-pillar ranking in the presence of a relevant number of missing variables; see page 172 of this appendix for details.