

# EL SALVADOR

GII 2019 rank

**108**

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2018 rank
<b>116</b>	<b>97</b>	<b>Lower middle</b>	<b>LCN</b>	<b>6.4</b>	<b>53.7</b>	<b>8,041.2</b>	<b>104</b>
Score/Value Rank							
 <b>INSTITUTIONS.....</b>	<b>53.9</b>	<b>95</b>					
<b>1.1 Political environment.....</b>	<b>45.6</b>	<b>92</b>					
1.1.1 Political and operational stability*.....	61.4	91					
1.1.2 Government effectiveness*.....	37.7	93					
<b>1.2 Regulatory environment.....</b>	<b>54.1</b>	<b>101</b>					
1.2.1 Regulatory quality*.....	37.9	83					
1.2.2 Rule of law*.....	23.7	114					
1.2.3 Cost of redundancy dismissal, salary weeks.....	22.9	95					
<b>1.3 Business environment.....</b>	<b>62.0</b>	<b>94</b>					
1.3.1 Ease of starting a business*.....	78.4	111					
1.3.2 Ease of resolving insolvency*.....	45.6	80					
 <b>HUMAN CAPITAL &amp; RESEARCH.....</b>	<b>18.3</b>	<b>99</b>					
<b>2.1 Education.....</b>	<b>29.7</b>	<b>108</b>					
2.1.1 Expenditure on education, % GDP.....	3.8	90					
2.1.2 Government funding/pupil, secondary, % GDP/cap.....	15.1	84					
2.1.3 School life expectancy, years.....	11.7	92					
2.1.4 PISA scales in reading, maths, & science.....	n/a	n/a					
2.1.5 Pupil-teacher ratio, secondary.....	27.8	102	◊				
<b>2.2 Tertiary education.....</b>	<b>24.4</b>	<b>82</b>					
2.2.1 Tertiary enrolment, % gross.....	28.7	84					
2.2.2 Graduates in science & engineering, %.....	22.3	48					
2.2.3 Tertiary inbound mobility, %.....	0.4	99					
<b>2.3 Research &amp; development (R&amp;D).....</b>	<b>0.9</b>	<b>107</b>					
2.3.1 Researchers, FTE/mn pop.◊.....	65.9	89					
2.3.2 Gross expenditure on R&D, % GDP ◊.....	0.1	96					
2.3.3 Global R&D companies, avg. exp. top 3, mn US\$.....	0.0	43 O ◊					
2.3.4 QS university ranking, average score top 3*.....	0.0	78 O ◊					
 <b>INFRASTRUCTURE.....</b>	<b>35.7</b>	<b>98</b>					
<b>3.1 Information &amp; communication technologies(ICTs).....</b>	<b>52.2</b>	<b>92</b>					
3.1.1 ICT access*.....	48.3	93					
3.1.2 ICT use*.....	33.0	97					
3.1.3 Government's online service*.....	62.5	89					
3.1.4 E-participation*.....	65.2	80					
<b>3.2 General infrastructure.....</b>	<b>17.9</b>	<b>121</b>	◊				
3.2.1 Electricity output, kWh/mn pop.....	942.4	95					
3.2.2 Logistics performance*.....	23.9	95					
3.2.3 Gross capital formation, % GDP.....	16.1	116	◊				
<b>3.3 Ecological sustainability.....</b>	<b>36.8</b>	<b>70</b>					
3.3.1 GDP/unit of energy use.....	11.4	38 ●					
3.3.2 Environmental performance*.....	53.9	87					
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP..	0.4	94					
 <b>MARKET SOPHISTICATION.....</b>	<b>44.8</b>	<b>81</b>					
<b>4.1 Credit.....</b>	<b>36.7</b>	<b>63</b>	●				
4.1.1 Ease of getting credit*.....	80.0	20 ●					
4.1.2 Domestic credit to private sector, % GDP.....	51.7	64					
4.1.3 Microfinance gross loans, % GDP.....	0.4	34					
<b>4.2 Investment.....</b>	<b>38.3</b>	<b>[85]</b>					
4.2.1 Ease of protecting minority investors*.....	38.3	122 O ◊					
4.2.2 Market capitalization, % GDP.....	n/a	n/a					
4.2.3 Venture capital deals/bn PPP\$ GDP.....	n/a	n/a					
<b>4.3 Trade, competition, &amp; market scale.....</b>	<b>59.2</b>	<b>72</b>	◆				
4.3.1 Applied tariff rate, weighted avg., %.....	21.1	55 ◆					
4.3.2 Intensity of local competition*.....	72.8	40 ● ◆					
4.3.3 Domestic market scale, bn PPP\$.....	53.7	95					
Score/Value Rank							
 <b>BUSINESS SOPHISTICATION.....</b>	<b>25.5</b>	<b>97</b>					
<b>5.1 Knowledge workers.....</b>	<b>33.0</b>	<b>79</b>					
5.1.1 Knowledge-intensive employment, %.....	10.6	99					
5.1.2 Firms offering formal training, % firms.....	53.8	15 ● ◆					
5.1.3 GERD performed by business, % GDP ◊.....	0.1	69					
5.1.4 GERD financed by business, %.....	40.2	44 ◆					
5.1.5 Females employed w/advanced degrees, %.....	3.5	95					
<b>5.2 Innovation linkages.....</b>	<b>12.4</b>	<b>124</b>	◊ ◇				
5.2.1 University/industry research collaboration*.....	27.6	113					
5.2.2 State of cluster development.....	29.7	122 O ◇					
5.2.3 GERD financed by abroad, %.....	3.0	71					
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP.....	0.0	107 O					
5.2.5 Patent families 2+ offices/bn PPP\$ GDP.....	0.0	93 O ◇					
<b>5.3 Knowledge absorption.....</b>	<b>31.1</b>	<b>81</b>	● ◆				
5.3.1 Intellectual property payments, % total trade.....	1.3	25 ● ◆					
5.3.2 High-tech imports, % total trade.....	8.7	47 ●					
5.3.3 ICT services imports, % total trade.....	0.6	100					
5.3.4 FDI net inflows, % GDP.....	1.8	84					
5.3.5 Research talent, % in business enterprise.....	n/a	n/a					
 <b>KNOWLEDGE &amp; TECHNOLOGY OUTPUTS....</b>	<b>7.9</b>	<b>121</b>	◊				
<b>6.1 Knowledge creation.....</b>	<b>0.9</b>	<b>128</b>	O				
6.1.1 Patents by origin/bn PPP\$ GDP.....	0.1	116					
6.1.2 PCT patents by origin/bn PPP\$ GDP.....	0.0	91					
6.1.3 Utility models by origin/bn PPP\$ GDP.....	0.1	56					
6.1.4 Scientific & technical articles/bn PPP\$ GDP.....	0.5	126 O					
6.1.5 Citable documents H-index.....	1.4	123 O ◊					
<b>6.2 Knowledge impact.....</b>	<b>5.1</b>	<b>[121]</b>					
6.2.1 Growth rate of PPP\$ GDP/worker, %.....	n/a	n/a					
6.2.2 New businesses/th pop. 15-64.....	0.5	86					
6.2.3 Computer software spending, % GDP.....	0.0	105 ◇					
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP.....	4.0	64					
6.2.5 High- & medium-high-tech manufactures, %.....	n/a	n/a					
<b>6.3 Knowledge diffusion.....</b>	<b>17.9</b>	<b>60</b>	● ◆				
6.3.1 Intellectual property receipts, % total trade.....	0.5	26 ● ◆					
6.3.2 High-tech net exports, % total trade.....	2.7	47 ●					
6.3.3 ICT services exports, % total trade.....	2.2	50 ●					
6.3.4 FDI net outflows, % GDP.....	-0.3	122 O ◇					
 <b>CREATIVE OUTPUTS.....</b>	<b>20.4</b>	<b>94</b>					
<b>7.1 Intangible assets.....</b>	<b>38.0</b>	<b>79</b>					
7.1.1 Trademarks by origin/bn PPP\$ GDP.....	98.2	15 ●					
7.1.2 Industrial designs by origin/bn PPP\$ GDP.....	0.2	102					
7.1.3 ICTs & business model creation*.....	49.3	108					
7.1.4 ICTs & organizational model creation*.....	42.7	102					
<b>7.2 Creative goods &amp; services.....</b>	<b>4.0</b>	<b>[107]</b>					
7.2.1 Cultural & creative services exports, % total trade.....	0.0	113					
7.2.2 National feature films/mn pop. 15-69.....	0.3	102 O					
7.2.3 Entertainment & Media market/th pop. 15-69.....	n/a	n/a					
7.2.4 Printing & other media, % manufacturing.....	n/a	n/a					
7.2.5 Creative goods exports, % total trade.....	0.7	53					
<b>7.3 Online creativity.....</b>	<b>1.6</b>	<b>92</b>	◆				
7.3.1 Generic top-level domains (TLDs)/th pop. 15-69.....	2.5	73 ◆					
7.3.2 Country-code TLDs/th pop. 15-69.....	0.5	92					
7.3.3 Wikipedia edits/mn pop. 15-69.....	4.8	83					
7.3.4 Mobile app creation/bn PPP\$ GDP.....	0.0	95 O					

NOTES: ● indicates a strength; O a weakness; ◆ an income group strength; ◇ an income group weakness; \* an index; † a survey question. ◊ indicates that the economy's data are older than the base year; see Appendix II for details, including the year of the data, at <http://globalinnovationindex.org>. Square brackets [ ] indicate that the data minimum coverage (DMC) requirements were not met at the sub-pillar or pillar level.