



EL SALVADOR

KEY INDICATORS

GDP (US\$ billions): 52.256

Population: 6,486,201

HDI: 0.673

GKI RANK 84/123

GKI SCORE 41.59

WORLD AVERAGE 48.6

COUNTRY PERFORMANCE SUMMARY

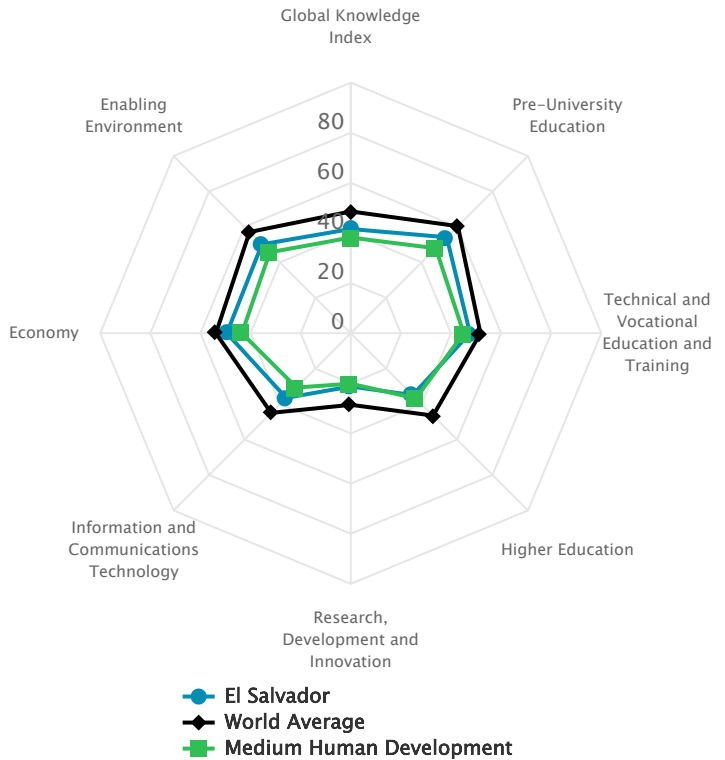
El Salvador is a modest performer in terms of its knowledge infrastructure. It ranks 84th out of 123 countries in the Global Knowledge Index 2021 and 5th out of the 20 countries with medium human development.

- AREAS OF STRENGTH**
- + Tertiary graduates from ICT programmes (%)
 - + Investment in telecommunication services (% GDP)
 - + Citations per document
 - + Enrolment in vocational education, gender parity
 - + Firms offering formal training (%)

- AREAS OF IMPROVEMENT**
- Government expenditure on vocational education (%)
 - Research institutions prominence
 - Educational attainment rate, master's or equivalent
 - Growth of innovative companies
 - Educational attainment rate, doctoral or equivalent

SECTORAL INDICES

	RANK	VALUE
PRE-UNIVERSITY EDUCATION	82	54.15
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	78	47.58
HIGHER EDUCATION	102	34.91
RESEARCH, DEVELOPMENT AND INNOVATION	90	21.25
INFORMATION AND COMMUNICATIONS TECHNOLOGY	82	36.47
ECONOMY	71	49.47
ENABLING ENVIRONMENT	79	50.16





EL SALVADOR

	Rank	Value
Pre-University Education	82	54.15
Knowledge capital	87	53.69
Enrolment	100	54.19
Net enrolment rate in primary education	106	39.64
Net enrolment rate in lower secondary education	89	69.72
Net enrolment rate in upper secondary education	86	53.21
Completion	80	57.45
Years of compulsory education in primary and secondary	59	50
Completion rate in upper secondary education	64	61.01
Gross intake ratio to the last grade of lower secondary education	81	61.34
Outcomes	60	49.43
Assessment of 15-year-old students in math, science and reading	N/A	N/A
Learning-adjusted years of schooling	76	49.43
Educational enabling environment	79	54.6
Expenditure	69	27.37
Government expenditure on primary education (% GDP)	31	40.15
Government expenditure on secondary education (% GDP)	76	20.51
Government funding per primary student (% GDP per capita)	55	31.4
Government funding per secondary student (% GDP per capita)	80	17.39
Resources	61	70.91
Pupil-trained teacher ratio in primary education	45	78.1
Pupil-trained teacher ratio in secondary education	52	61.04
Schools with access to computers in primary education (%)	49	61.04
Schools with access to computers in secondary education (%)	52	83.44
Early learning	69	57.02
Gross enrolment ratio in early childhood education	83	25.71
Proportion of children who are developmentally on track	21	71.88
Proportion of children with stimulating home learning environments	28	52.83
Pupil-trained teacher ratio in pre-primary education	39	77.65
Equity and inclusiveness	65	63.12
Completion rate in upper secondary education, gender parity	25	96.5
Completion rate in upper secondary education, wealth parity	60	34.81
Completion rate in upper secondary education, location parity	67	58.06
Technical and Vocational Education and Training	78	47.58
TVET components	98	34.2
TVET structure	107	13.63
Government expenditure on vocational education (%)	74	0
Share of students enrolled in secondary vocational programmes	45	27.26
Share of students enrolled in post-secondary vocational programmes	N/A	N/A
TVET quality and qualifications	33	52.37
Extent of staff training	92	43.1
Quality of vocational training	85	44.24
Ratio of high-skill TVET occupations earnings to average wage	19	56.14
Ratio of medium-skill TVET occupations earnings to average wage	22	66
Continuous training and skilling	68	36.59
Firms offering formal training (%)	14	70.65
Labour force with short-cycle tertiary education (%)	N/A	N/A
Participation rate in formal and non-formal education and training	64	2.53
TVET labour market	63	60.96
Efficiency of the labour market	96	52.31
Firms constrained with inadequately educated workforce (%)	66	45.29
Employment educational mismatch (%)	68	55.34
Proportion of skilled production workers	65	56.29
Unemployment rate with vocational education	N/A	N/A
Post-TVET employment	46	51.75
Share of TVET occupations	81	47.33
Manufacturing employment (%)	30	56.18
Equity and inclusiveness	45	78.82
Enrolment in vocational education, gender parity	14	94.23
Vulnerable employment rate	73	63.41
Higher Education	102	34.91
Inputs	101	28.52
Expenditure	104	2.99
Government expenditure per tertiary student	100	2.99
Teaching staff compensation (% tertiary expenditure)	N/A	N/A

	Rank	Value
Information and Communications Technology	82	36.47
Infrastructure	83	46.37
Coverage	71	58.41
3G/4G mobile network coverage (% population)	95	73.86
Secure Internet servers per 1 million population	88	37.93
Investment in telecommunication services (% GDP)	14	63.44
Quality	103	5.17
Mobile upload and download speeds	86	7.31
Fixed-broadband upload and download speeds	86	1.67
Fixed-broadband subscriptions by speed per hundred people	80	6.52
Affordability	80	75.55
Fixed broadband basket (% GNI per capita)	90	80.85
Mobile broadband basket (% GNI per capita)	93	45.79
Internet and telephony competition	1	100
Access	73	29.15
Subscriptions	91	21.1
Active mobile-broadband subscriptions per hundred inhabitants	89	26.07
International Internet bandwidth per user	49	13.88
Households with Internet access at home (%)	95	23.34
Skills and employment	45	37.2
Individuals with standard ICT skills (%)	N/A	N/A
Tertiary graduates from ICT programmes (%)	7	66.42
ICT employment (%)	82	7.99
Usage	87	33.9
Services	91	35.33
Government online services	84	57.65
Fixed broadband Internet traffic per subscription	45	28.16
Mobile broadband Internet traffic per subscription	79	7.75
Internet users (%)	85	47.78
Outcomes	88	32.46
ICT PCT patent applications (per 100 billion GDP)	75	1.84
E-participation	67	67.86
Internet activities by individuals (%)	N/A	N/A
Trade in digitally deliverable services (% total trade)	85	27.68
Economy	71	49.47
Economic competitiveness	98	42.54
Infrastructure investment	91	44.11
Gross fixed capital formation (% GDP)	100	31.41
Logistics performance	92	39.39
Transport productive capacity	39	38.99
Building quality control	82	66.67
Business agility	96	40.96
Ease of starting a business	104	78.6
Insolvency recovery rate	71	35.26
Entrepreneurial employee activity rate	62	7.14
Extent of corporate transparency	76	42.86
Economic openness	69	53.85
Trade and diversification	72	50.24
Trade (% GDP)	63	22.56
High-technology trade (% total trade)	61	22
Product concentration	43	81.53
Market concentration	106	74.88
Financial openness	71	57.46
Chinn-Ito financial openness	51	70.02
Foreign direct investment, net inflows (% GDP)	75	62.87
Debt dynamics	108	39.49
Financing and domestic value added	52	52.03
Financing and taxes	39	62.19
Domestic credit to private sector (% GDP)	51	22.02
MSME financing gap (% GDP)	N/A	N/A
Tax and contribution rate (% profit)	53	71.11
Bank non-performing loans (%)	21	93.45
Domestic value added	62	41.87
Medium- and high-tech activities value added	69	22.25
Industry and services value added (% GDP)	51	64.15

Enrolment	75	14.72
Enrolment in bachelor's or equivalent level (%)	74	17.6
Enrolment in master's, doctoral or equivalent (%)	68	11.84
Resources	53	67.87
Pupil-teacher ratio in tertiary education	68	71.47
Researchers in higher education (%)	26	64.27
Learning environment	74	45.53
Diversity and academic freedom	73	46.45
Teachers in tertiary education, gender parity	57	62.31
Inbound mobility rate	92	1.81
Academic freedom	65	75.22
Equity and inclusiveness	31	44.61
Gross attendance ratio for tertiary education, gender parity	12	93.58
Gross attendance ratio for tertiary education, wealth parity	31	11.47
Gross attendance ratio for tertiary education, location parity	40	28.78
Outputs	110	30.67
Attainment	83	6.31
Educational attainment rate, bachelor's or equivalent	73	16.25
Educational attainment rate, master's or equivalent	85	0.83
Educational attainment rate, doctoral or equivalent	76	1.86
Employment	76	65.69
Labour force participation rate with advanced education	61	65.69
Unemployment rate with advanced education	N/A	N/A
Impact	110	20.01
University-industry collaboration in R&D	109	27.22
Citable documents per R&D personnel in higher education	77	12.79
Research, Development and Innovation	90	21.25
Inputs	83	21.87
Inputs of R&D institutions	76	20.54
GERD (% GDP)	88	3.41
GERD per researcher	31	38.26
Researchers per thousand labour force	80	0.89
Tertiary graduates from STEM programmes (%)	57	39.59
Inputs of RDI in business enterprises	76	20.08
GERD performed by business enterprises (%)	63	2.28
GERD financed by business enterprises (%)	47	43.54
Researchers in business enterprises (%)	N/A	N/A
Firms that spend on R&D (%)	66	14.41
Inputs of societal innovation	83	26.31
High-skilled employment (%)	53	18.39
Intellectual property payments (% total trade)	31	28.4
State of cluster development	106	32.13
Outputs	56	24.34
Outputs of R&D institutions	64	22
Average documents per researcher	78	18.83
Citations per document	15	46.69
Patent applications (per 100 billion GDP)	100	0.5
Outputs of RDI in business enterprises	82	12.42
Intellectual property receipts (% total trade)	87	0.41
Industrial design applications (per 100 billion GDP)	89	1
PCT applications (per 100 billion GDP)	100	0.38
Firms producing new goods and services (%)	49	47.88
Outputs of societal innovation	25	40.92
Trademark applications (per 100 billion GDP)	35	42.47
Cultural goods exports (% exports)	26	39.37
Printing and publishing output (% manufactured output)	N/A	N/A
Impact	99	17.55
Quality	108	12.78
Research institutions prominence	98	0
Growth of innovative companies	109	39.11
ISO 9001 quality certificates (% GDP)	65	8.82
ISO 14001 environmental certificates (% GDP)	81	3.21
Linkages	102	5.46
GERD financed from abroad (%)	59	10.66
Joint ventures per strategic alliance deals (per billion GDP)	108	1.74
Computer software spending (% GDP)	87	3.98
Business development	61	34.4
New business density per thousand population	84	3
Firms with new product/service (%)	19	65.8

Labour underutilization rate	52	73.02
Output per worker	84	8.07
Enabling Environment	79	50.16
Governance	76	38.38
Political environment	56	46.79
Peace and stability	61	45.75
Voice and accountability	63	47.83
Quality of institutions	94	29.97
Rule of law	103	22.12
Control of corruption	90	29.33
Government effectiveness	81	38.46
Socio-economic	87	48.25
Gender equity	79	63.64
Female-to-male ratio in parliament	57	37.7
Female-to-male labour force participation	104	59.91
Female-to-male ratio in Internet usage	71	93.3
Social inclusion	99	45.79
Social protection coverage (% population)	83	19.75
Adult literacy rate	62	86.05
Youth not in employment, education or training (%)	103	31.57
Standard of living	77	35.31
Poverty headcount ratio (% population)	68	63.94
GDP per capita	83	6.69
Health and environment	70	63.87
Health	65	78.75
Universal health coverage	34	76
Healthy life expectancy (years)	68	70.39
Under-five mortality rate	62	89.88
Environmental performance	90	48.98
Renewable energy consumption (%)	68	24.08
Ecological footprint per capita	48	88.85
Natural hazard exposure	107	34

*All values are normalized to a scale from 0 (worst) to 100 (best).