

GKI RANK 86/154

GKI SCORE 46.6

WORLD AVERAGE 48.4

SRI LANKA

KEY INDICATORS

GDP US\$ billions **274.797**
Population **21,413,250**
HDI **0.782**

COUNTRY PERFORMANCE SUMMARY

Sri Lanka is a moderate performer in terms of its knowledge infrastructure. It ranks 86th out of 154 countries in the Global Knowledge Index 2021 and 23rd out of the 39 countries with high human development.

AREAS OF STRENGTH

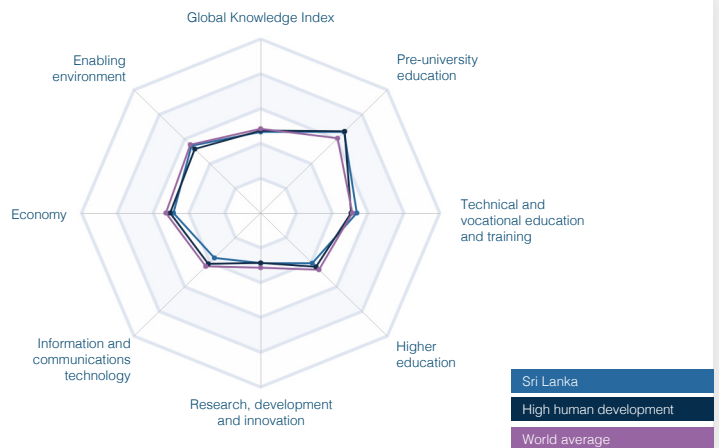
- + Poverty headcount ratio (% population)
- + Mobile broadband basket (% GNI per capita)
- + Labour force with short-cycle tertiary education (%)
- + Net enrolment rate in lower secondary education
- + Citable documents per R&D personnel in higher education

AREAS OF IMPROVEMENT

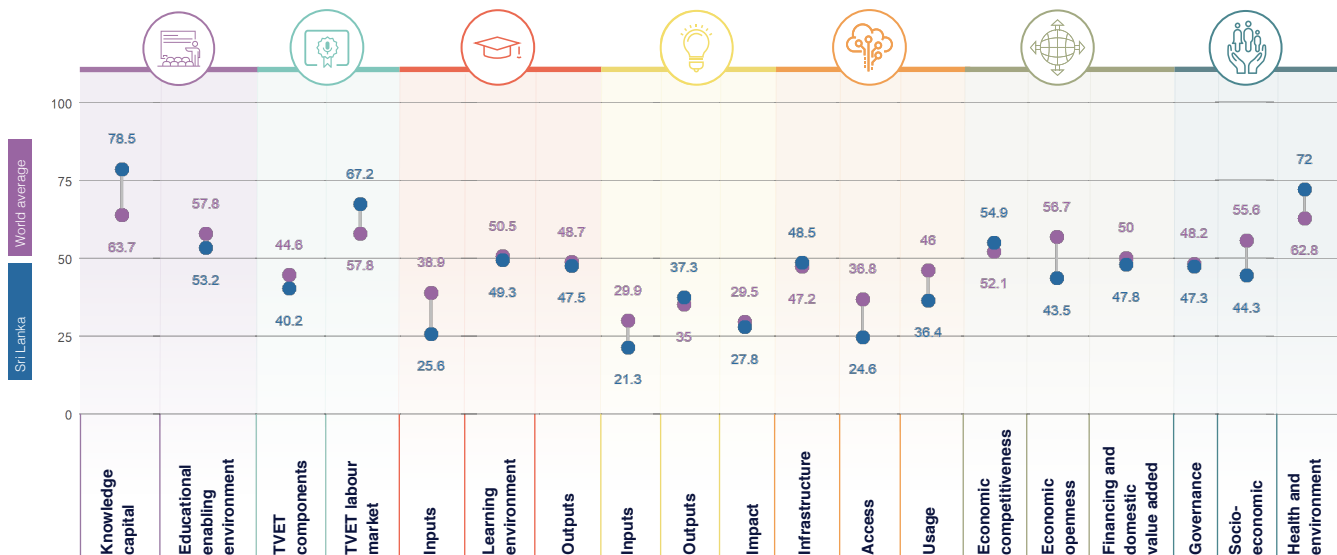
- Government expenditure on primary education (% of GDP)
- Building quality control
- Government funding per secondary student (% of GDP per capita)
- Female-to-male ratio in parliament
- Government expenditure on vocational education (%)

SECTORAL INDICES

	RANK	VALUE
PRE-UNIVERSITY EDUCATION	81	65.9
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	65	53.7
HIGHER EDUCATION	101	40.8
RESEARCH, DEVELOPMENT AND INNOVATION	84	28.8
INFORMATION AND COMMUNICATIONS TECHNOLOGY	96	36.5
ECONOMY	93	48.7
ENABLING ENVIRONMENT	72	54.6



GKI PILLARS





SRI LANKA

	Rank	Value
PRE-UNIVERSITY EDUCATION	81	65.9
Knowledge capital	46	78.5
Enrolment	46	93.3
Net enrolment rate in primary education	28	98.4
Net enrolment rate in lower secondary education	4	99.8
Net enrolment rate in upper secondary education	63	81.8
Completion	25	83.1
Years of compulsory education in primary and secondary	28	84.6
Completion rate in upper secondary education	n/a	n/a
Gross intake ratio to the last grade of lower secondary education	35	81.5
Outcomes	54	59
Assessment of 15-year-old students in math, science and reading	n/a	n/a
Learning-adjusted years of schooling	71	59
Educational enabling environment	101	53.2
Expenditure	124	13.1
Government expenditure on primary education (% GDP)	122	15.7
Government expenditure on secondary education (% GDP)	100	17.8
Government funding per primary student (% GDP per capita)	113	15.6
Government funding per secondary student (% GDP per capita)	116	3.2
Resources	73	72.4
Pupil-trained teacher ratio in primary education	52	80
Pupil-trained teacher ratio in secondary education	46	74.9
Schools with access to computers in primary education (%)	61	56.3
Schools with access to computers in secondary education (%)	69	78.2
Early learning	28	74.3
Gross enrolment ratio in early childhood education	46	56.1
Proportion of children who are developmentally on track	n/a	n/a
Proportion of children with stimulating home learning environments	n/a	n/a
Pupil-trained teacher ratio in pre-primary education	20	92.4
Equity and inclusiveness	n/a	n/a
Completion rate in upper secondary education, gender parity	n/a	n/a
Completion rate in upper secondary education, wealth parity	n/a	n/a
Completion rate in upper secondary education, location parity	n/a	n/a
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	65	53.7
TVET components	101	40.2
Continuous training and skilling	88	38.1
Firms offering formal training (%)	104	21.3
Labour force with short-cycle tertiary education (%)	4	92.2
Participation rate in formal and non-formal education and training	85	0.9
TVET structure	91	35.4
Government expenditure on vocational education (%)	78	0
Share of students enrolled in secondary vocational programmes	105	6.2
Share of students enrolled in post-secondary vocational programmes	1	100
TVET quality and qualifications	65	46.9
Extent of staff training	78	48.2
Quality of vocational training	53	54.8
Ratio of high-skill TVET occupations earnings to average wage	36	36.4
Ratio of medium-skill TVET occupations earnings to average wage	43	48.3
TVET labour market	49	67.2
Efficiency of the labour market	43	71.7
Firms constrained with inadequately educated workforce (%)	52	71.2
Employment educational mismatch (%)	68	58.9
Proportion of skilled production workers	22	75.2
Unemployment rate with vocational education	50	81.5
Post-TVET employment	26	61.1
Share of TVET occupations	69	59
Manufacturing employment (%)	20	63.1
Equity and inclusiveness	88	68.9
Enrolment in vocational education, gender parity	60	79
Vulnerable employment rate	95	58.8

	Rank	Value
HIGHER EDUCATION	101	40.8
Inputs	126	25.6
Expenditure	77	23.5
Government expenditure per tertiary student	62	15.1
Teaching staff compensation (% tertiary expenditure)	54	32
Enrolment	91	11.7
Enrolment in bachelor's or equivalent level (%)	97	11
Enrolment in master's, doctoral or equivalent (%)	73	12.4
Resources	124	41.7
Pupil-teacher ratio in tertiary education	115	51.5
Researchers in higher education (%)	80	31.9
Learning environment	83	49.3
Diversity and academic freedom	83	49.3
Teachers in tertiary education, gender parity	19	90.3
Inbound mobility rate	108	1.4
Academic freedom	97	56.1
Equity and inclusiveness	n/a	n/a
Gross attendance ratio for tertiary education, gender parity	n/a	n/a
Gross attendance ratio for tertiary education, wealth parity	n/a	n/a
Gross attendance ratio for tertiary education, location parity	n/a	n/a
Outputs	77	47.5
Attainment	95	6.2
Educational attainment rate, bachelor's or equivalent	88	9.7
Educational attainment rate, master's or equivalent	82	2.7
Educational attainment rate, doctorate or equivalent	n/a	n/a
Employment	45	79.9
Labour force participation rate with advanced education	19	84.3
Unemployment rate with advanced education	85	75.5
Impact	28	56.4
University-industry collaboration in R&D	76	40.2
Citable documents per R&D personnel in higher education	11	72.7
RESEARCH, DEVELOPMENT AND INNOVATION	84	28.8
Inputs	107	21.3
Inputs of R&D institutions	127	9.6
GERD (% GDP)	102	2.4
GERD per researcher	54	25
Researchers per thousand labour force	86	1.5
Tertiary graduates from STEM programmes (%)	n/a	n/a
Inputs of RDI in business enterprises	81	22.3
GERD performed by business enterprises (%)	70	1.4
GERD financed by business enterprises (%)	44	49.8
Researchers in business enterprises (%)	50	24.1
Firms that spend on R&D (%)	81	14
Inputs of societal innovation	40	43.6
High-skilled employment (%)	32	38.6
Intellectual property payments (% total trade)	n/a	n/a
State of cluster development	57	48.7
Outputs	59	37.3
Outputs of R&D institutions	57	46.4
Average documents per researcher	21	70.4
Citations per document	119	14.1
Patent applications (per 100 billion GDP)	57	54.7
Outputs of RDI in business enterprises	96	25.9
Intellectual property receipts (% total trade)	n/a	n/a
Industrial design applications (per 100 billion GDP)	70	5.4
PCT applications (per 100 billion GDP)	77	47.6
Firms producing new goods and services (%)	93	24.7



SRI LANKA

	Rank	Value
Outputs of societal innovation	52	30.4
Trademark applications (per 100 billion GDP)	86	15.8
Cultural goods exports (% exports)	49	16.1
Printing and publishing output (% manufactured output)	13	59.2
Impact	82	27.8
Quality	75	22.4
Research institutions prominence	69	12.1
Growth of innovative companies	66	51.1
ISO 9001 quality certificates (% GDP)	65	18.1
ISO 14001 environmental certificates (% GDP)	72	8.5
Linkages	46	24.4
GERD financed from abroad (%)	58	13.8
Joint ventures per strategic alliance deals (% GDP)	29	24.7
Computer software spending (% GDP)	21	34.8
Business development	91	36.4
New business density per thousand population	95	3.6
Firms with new product/service (%)	52	69.3
INFORMATION AND COMMUNICATIONS TECHNOLOGY	96	36.5
Infrastructure	66	48.5
Coverage	94	42.1
3G/4G mobile network coverage (% population)	77	94.3
Secure Internet servers per 1 million population	87	3.5
Investment in telecommunication services (% GDP)	77	28.6
Quality	95	11.6
Mobile upload and download speeds	81	14.8
Fixed-broadband upload and download speeds	73	8.6
Fixed-broadband subscriptions by speed per hundred people	86	11.6
Affordability	9	91.7
Fixed broadband basket (% GNI per capita)	18	89.7
Mobile broadband basket (% GNI per capita)	5	91.5
Internet and telephony competition	85	93.8
Access	111	24.6
Subscriptions	95	40.5
Active mobile-broadband subscriptions per hundred inhabitants	87	31.1
International Internet bandwidth per user	85	37.7
Households with Internet access at home (%)	94	52.8
Skills and employment	123	8.7
Individuals with standard ICT skills (%)	n/a	n/a
Tertiary graduates from ICT programmes (%)	n/a	n/a
ICT employment (%)	89	8.7
Usage	100	36.4
Services	109	29.9
Government online services	62	71.8
Fixed broadband Internet traffic per subscription	89	3.9
Mobile broadband Internet traffic per subscription	64	12.6
Internet users (%)	117	31.4
Outcomes	85	43
ICT PCT patent applications (per 100 billion GDP)	91	32.7
E-participation	65	71.4
Internet activities by individuals (%)	n/a	n/a
Trade in digitally deliverable services (% total trade)	116	24.8
ECONOMY	93	48.7
Economic competitiveness	67	54.9
Infrastructure investment	123	41.1
Gross fixed capital formation (% GDP)	39	56.2
Logistics performance	93	39.9
Transport productive capacity	64	28.1
Building quality control	142	40

	Rank	Value
Business agility	35	68.8
Ease of starting a business	75	88.2
Insolvency recovery rate	54	46.7
Entrepreneurial employee activity rate	n/a	n/a
Extent of corporate transparency	50	71.4
Economic openness	125	43.5
Trade and diversification	90	56.4
Trade (% GDP)	127	13.7
High-technology trade (% total trade)	104	38.8
Product concentration	49	81.5
Market concentration	61	91.5
Financial openness	139	30.5
Chinn-Ito financial openness	96	16.4
Foreign direct investment, net inflows (% GDP)	111	35.2
Debt dynamics	110	40
Financing and domestic value added	87	47.8
Financing and taxes	105	52.7
Domestic credit to private sector (% GDP)	80	18.3
MSME financing gap (% GDP)	75	60.9
Tax and contribution rate (% profit)	134	52
Bank non-performing loans (%)	76	79.7
Domestic value added	71	42.9
Medium- and high-tech activities value added	114	8.8
Industry and services value added (% GDP)	59	64.7
Labour underutilization rate	23	84.4
Output per worker	75	13.8
ENABLING ENVIRONMENT	72	54.6
Governance	71	47.3
Political environment	72	44.6
Peace and stability	75	45.3
Voice and accountability	82	44
Quality of institutions	73	50
Rule of law	66	53.4
Control of corruption	80	45.7
Government effectiveness	78	51
Socio-economic	118	44.3
Gender equity	151	23.1
Female-to-male ratio in parliament	146	5.7
Female-to-male labour force participation	136	40.4
Female-to-male ratio in Internet usage	n/a	n/a
Social inclusion	94	57.1
Social protection coverage (% population)	81	34.6
Adult literacy rate	67	90
Youth not in employment, education or training (%)	114	46.6
Standard of living	37	52.9
Poverty headcount ratio (% population)	3	95
GDP per capita	78	10.8
Health and environment	14	72
Health	64	79.3
Universal health coverage	92	66
Healthy life expectancy (years)	52	76.4
Under-five mortality rate	50	95.5
Environmental performance	41	64.7
Renewable energy consumption (%)	38	53.3
Ecological footprint per capita	39	92.8
Natural hazard exposure	110	48

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