

GKI
RANK 121 /141

GKI SCORE	35
WORLD AVERAGE	47.8

LIBERIA

KEY INDICATORS

GDP (US\$ billions): 8.884
Population: 5,493,031
HDI: 0.487

COUNTRY PERFORMANCE SUMMARY

Liberia is a weak performer in terms of its knowledge infrastructure. It ranks 121st out of 141 countries in the Global Knowledge Index 2024 and 7th out of the 23 countries with low human development.

AREAS OF STRENGTH

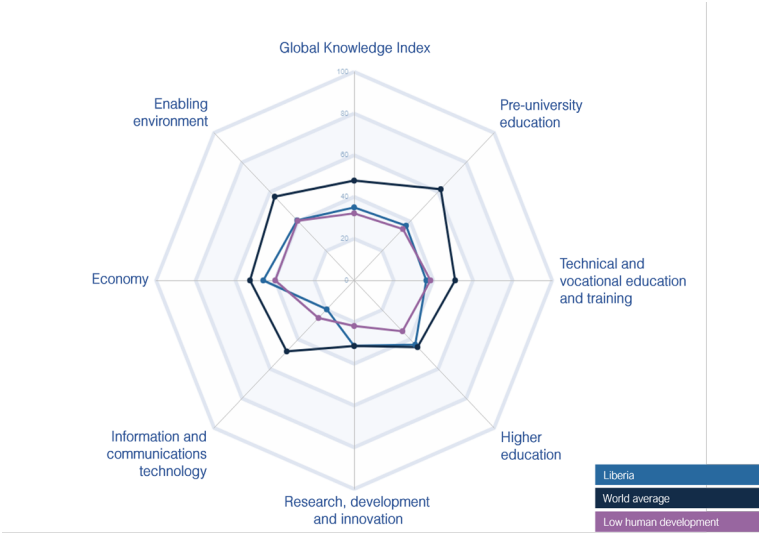
- + Gross enrolment ratio in early childhood education
- + Renewable energy consumption (%)
- + Firms with products and services new to the market (%)
- + Foreign direct investment, net inflows (% GDP)
- + Labour underutilization rate

AREAS OF IMPROVEMENT

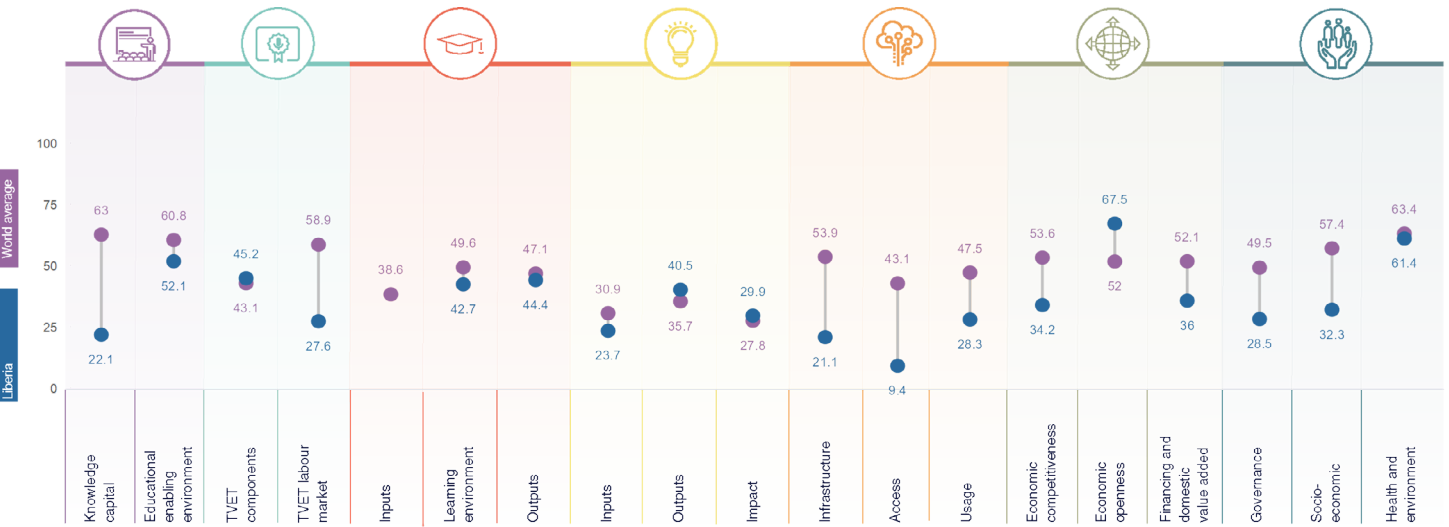
- Learning-adjusted years of schooling
- Ratio of high-skill TVET occupations earnings to average wage
- New business density per thousand population
- Investment in telecommunication services (% GDP)
- Building quality control

SECTORAL INDICES

	RANK	VALUE
PRE-UNIVERSITY EDUCATION	126	37.1
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	131	36.4
HIGHER EDUCATION	80	43.6
RESEARCH, DEVELOPMENT AND INNOVATION	58	31.4
INFORMATION AND COMMUNICATIONS TECHNOLOGY	138	19.6
ECONOMY	100	45.9
ENABLING ENVIRONMENT	123	40.7



GKI PILLARS





LIBERIA

Rank Value	
PRE-UNIVERSITY EDUCATION	126 37.1
Knowledge capital	138 22.1
Enrolment	128 36.5
Net enrolment rate in primary education	133 23.1
Net enrolment rate in lower secondary education	122 38.9
Net enrolment rate in upper secondary education	107 47.4
Completion	125 29.8
Years of compulsory education in primary and secondary	121 46.2
Completion rate in upper secondary education	97 18.6
Gross intake ratio to the last grade of lower secondary education	112 24.7
Outcomes	137 0
Assessment of 15-year-old students in math, science and reading	n/a n/a
Learning-adjusted years of schooling	137 0
Educational enabling environment	98 52.1
Expenditure	78 31.6
Government expenditure on primary education (% GDP)	82 27.4
Government expenditure on secondary education (% GDP)	72 27.1
Government funding per primary student (% GDP per capita)	61 38.3
Government funding per secondary student (% GDP per capita)	61 33.6
Resources	122 47.7
Pupil-trained teacher ratio in primary education	47 87.5
Pupil-trained teacher ratio in secondary education	68 74.7
Schools with access to computers in primary education (%)	108 8.2
Schools with access to computers in secondary education (%)	116 20.5
Early learning	4 92.3
Gross enrolment ratio in early childhood education	1 100
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	47 84.7
Equity and inclusiveness	98 36.9
Completion rate in upper secondary education, gender parity	71 86.1
Completion rate in upper secondary education, wealth parity	70 4.4
Completion rate in upper secondary education, location parity	103 20.2
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	131 36.4
TVET components	53 45.2
Continuous training and skilling	55 47.8
Firms offering formal training (%)	84 25.1
Labour force participation rate with short-cycle tertiary education	55 73
Participation rate in formal and non-formal education and training	21 45.3
TVET structure	n/a n/a
Government expenditure on vocational education (%)	n/a n/a
Share of students enrolled in secondary vocational programmes	n/a n/a
Share of students enrolled in post-secondary vocational programmes	n/a n/a
TVET quality and qualifications	68 42.6
Extent of staff training	40 62.7
Quality of vocational training	18 67.9
Ratio of high-skill TVET occupations earnings to average wage	122 0
Ratio of medium-skill TVET occupations earnings to average wage	18 39.6
TVET labour market	140 27.6
Efficiency of the labour market	120 56.9
Firms constrained with inadequately educated workforce (%)	51 76.4
Employment educational mismatch (%)	106 29.8
Proportion of skilled production workers	92 49.3
Unemployment rate with vocational education	81 72
Post-TVET employment	138 8.5
Share of TVET occupations	129 15
Manufacturing employment (%)	137 1.9
Equity and inclusiveness	137 17.3
Enrolment in vocational education, gender parity	n/a n/a
Vulnerable employment rate	125 17.3

Rank Value	
HIGHER EDUCATION	80 43.6
Inputs	n/a n/a
Expenditure	n/a n/a
Government expenditure per tertiary student	n/a n/a
Teaching staff compensation (% tertiary expenditure)	n/a n/a
Enrolment	n/a n/a
Enrolment in bachelor's or equivalent level (%)	n/a n/a
Enrolment in master's, doctoral or equivalent (%)	n/a n/a
Resources	n/a n/a
Pupil-teacher ratio in tertiary education	n/a n/a
Researchers in higher education (%)	n/a n/a
Learning environment	97 42.7
Diversity and academic freedom	59 56.5
Teachers in tertiary education, gender parity	n/a n/a
Inbound mobility rate	n/a n/a
Academic freedom	91 56.5
Equity and inclusiveness	70 28.9
Gross attendance ratio for tertiary education, gender parity	44 77.4
Gross attendance ratio for tertiary education, wealth parity	68 0
Gross attendance ratio for tertiary education, location parity	70 9.4
Outputs	78 44.4
Attainment	60 25.8
Educational attainment rate, bachelor's or equivalent	110 8.1
Educational attainment rate, master's or equivalent	65 12
Educational attainment rate, doctoral or equivalent	15 57.2
Employment	100 72
Labour force participation rate with advanced education	91 71.6
Unemployment rate with advanced education	99 72.3
Impact	78 35.5
University-industry collaboration in R&D	109 35.5
Citable documents per R&D personnel in higher education	n/a n/a
RESEARCH, DEVELOPMENT AND INNOVATION	58 31.4
Inputs	91 23.7
Inputs of R&D institutions	n/a n/a
GERD (% GDP)	n/a n/a
GERD per researcher	n/a n/a
Researchers per thousand labour force	n/a n/a
Tertiary graduates from STEM programmes (%)	n/a n/a
Inputs of RDI in business enterprises	80 20.6
GERD performed by business enterprises (%)	n/a n/a
GERD financed by business enterprises (%)	n/a n/a
Researchers in business enterprises (%)	n/a n/a
Firms that spend on R&D (%)	63 20.6
Inputs of societal innovation	90 26.8
High-skilled employment (%)	97 16
Intellectual property payments (% total trade)	n/a n/a
State of cluster development	119 37.7
Outputs	38 40.5
Outputs of R&D institutions	22 51.9
Average documents per researcher	n/a n/a
Citations per document	33 51.9
Resident patent applications (per 100 billion GDP)	n/a n/a
Outputs of RDI in business enterprises	33 37.9
Intellectual property receipts (% total trade)	119 0
Industrial design applications (per 100 billion GDP)	14 79.8
PCT applications (per 100 billion GDP)	63 2.8
Firms producing new products and services (%)	21 68.9
Outputs of societal innovation	122 20.4
Trademark applications (per 100 billion GDP)	44 20.4
Cultural goods exports (% exports)	n/a n/a
Printing and publishing output (% manufactured output)	n/a n/a
Impact	58 29.9
Quality	109 13.5
Research institutions prominence	122 0
Growth of innovative companies	51 50.9
ISO 9001 quality certificates (per billion GDP)	120 1.5
ISO 14001 environmental certificates (per billion GDP)	115 1.5
Linkages	n/a n/a
GERD financed from abroad (%)	n/a n/a
Joint ventures per strategic alliance deals (per billion GDP)	n/a n/a
Computer software spending (% GDP)	n/a n/a
Business development	36 46.4
New business density per thousand population	133 0
Firms with products and services new to the market (%)	3 92.7



LIBERIA

		Rank Value	
INFORMATION AND COMMUNICATIONS TECHNOLOGY		138	19.6
Infrastructure		138	21.1
Coverage		133	22.7
3G/4G mobile network coverage (% population)		126	55.4
Secure Internet servers per 1 million population		136	12.8
Investment in telecommunication services (% GDP)		132	0
Quality		131	3.9
Mobile upload and download speeds		122	5.9
Fixed-broadband upload and download speeds		139	2
Fixed-broadband subscriptions by speed per hundred people		n/a	n/a
Affordability		137	36.6
Fixed broadband basket (% GNI per capita)		139	7.1
Mobile broadband basket (% GNI per capita)		132	38
Internet and telephony competition		111	64.7
Access		141	9.4
Subscriptions		141	15.7
Active mobile-broadband subscriptions per hundred inhabitants		124	18.9
International Internet bandwidth per user		140	25.8
Households with Internet access at home (%)		139	2.5
Skills and employment		129	3.1
Individuals with standard ICT skills (%)		n/a	n/a
Tertiary graduates from ICT programmes (%)		n/a	n/a
ICT employment (%)		103	3.1
Usage		117	28.3
Services		133	17.9
Government online services		137	26.3
Fixed broadband Internet traffic per subscription		n/a	n/a
Mobile broadband Internet traffic per subscription		114	5.1
Internet users (%)		131	22.4
Outcomes		85	38.7
ICT PCT patent applications (per 100 billion GDP)		31	59.9
E-participation		136	16.4
Internet activities by individuals (%)		n/a	n/a
Trade in digitally deliverable services (% total trade)		50	39.9
ECONOMY		100	45.9
Economic competitiveness		133	34.2
Infrastructure investment		136	32.5
Gross fixed capital formation (% GDP)		n/a	n/a
Logistics performance		116	35
Transport productive capacity		49	49.1
Building quality control		141	13.3
Business agility		121	36
Ease of starting a business		63	88.9
Insolvency recovery rate		121	19
Entrepreneurial employee activity rate		n/a	n/a
Extent of corporate transparency		111	0
Economic openness		19	67.5
Trade and diversification		38	56.9
Trade (% GDP)		n/a	n/a
High-technology trade (% total trade)		n/a	n/a
Product concentration		117	56.9
Market concentration		n/a	n/a
Financial openness		23	78
Chinn-Ito financial openness		55	71.6
Foreign direct investment, net inflows (% GDP)		6	84.5
Debt dynamics		n/a	n/a
Financing and domestic value added		131	36
Financing and taxes		140	28.5
Domestic credit to private sector (% GDP)		123	6
MSME financing gap (% GDP)		n/a	n/a
Tax and contribution rate (% profit)		103	51
Bank non-performing loans (%)		n/a	n/a
Domestic value added		78	43.4
Medium- and high-tech activities value added		n/a	n/a
Industry and services value added (% GDP)		136	40.5
Labour underutilization rate		14	89.1
Output per worker		137	0.7

		Rank Value	
ENABLING ENVIRONMENT		123	40.7
Governance		105	28.5
Political environment		76	41.1
Peace and stability		84	35.8
Voice and accountability		75	46.4
Quality of institutions		132	15.9
Rule of law		120	19.3
Control of corruption		118	20.3
Government effectiveness		138	8
Socio-economic		133	32.3
Gender equity		126	50.7
Female-to-male ratio in parliament		130	12.4
Female-to-male labour force participation		18	89
Female-to-male ratio in Internet usage		n/a	n/a
Social inclusion		128	35
Social protection coverage (% population)		134	3.8
Adult literacy rate		107	28.9
Youth not in employment, education or training (%)		58	72.3
Standard of living		129	11.1
Poverty headcount ratio (% population)		109	21.6
GDP per capita		137	0.6
Health and environment		93	61.4
Health		128	38.4
Universal health coverage		120	44.7
Healthy life expectancy (years)		125	32.2
Under-five mortality rate		131	38.2
Environmental performance		5	84.4
Renewable energy consumption (%)		2	96.4
Ecological footprint per capita		25	94.8
Natural hazard exposure		68	62

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