

GKI
RANK **73** /141

GKI
SCORE

46.4

WORLD
AVERAGE

47.8

COUNTRY PERFORMANCE SUMMARY

Moldova (Republic of) is a moderate performer in terms of its knowledge infrastructure. It ranks 73rd out of 141 countries in the Global Knowledge Index 2024 and 15th out of the 35 countries with high human development.

MOLDOVA (REPUBLIC OF)

KEY INDICATORS

GDP (US\$ billions): **38.969**

Population: **3,067,070**

HDI: **0.763**

AREAS OF STRENGTH

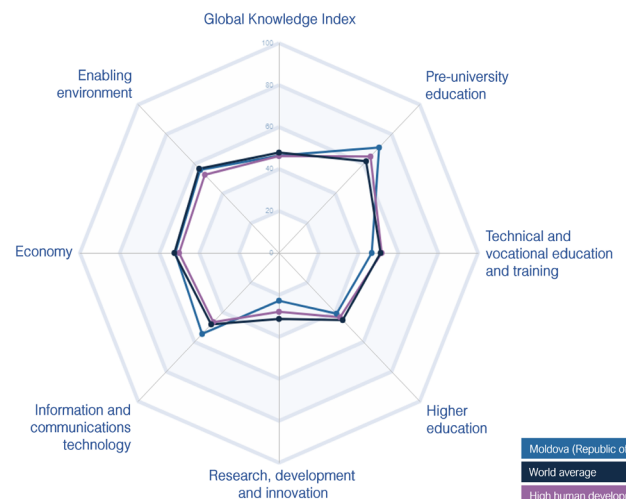
- + Net enrolment rate in primary education
- + Net enrolment rate in lower secondary education
- + Female-to-male labour force participation
- + Employment educational mismatch (%)
- + Unemployment rate with vocational education

AREAS OF IMPROVEMENT

- Chinn-Ito financial openness
- Researchers in higher education (%)
- State of cluster development
- GERD per researcher
- Growth of innovative companies

SECTORAL INDICES

	RANK	VALUE
PRE-UNIVERSITY EDUCATION	58	71.1
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	95	46.6
HIGHER EDUCATION	87	40.9
RESEARCH, DEVELOPMENT AND INNOVATION	113	22.8
INFORMATION AND COMMUNICATIONS TECHNOLOGY	53	54.6
ECONOMY	68	52.1
ENABLING ENVIRONMENT	67	56



GKI PILLARS





MOLDOVA (REPUBLIC OF)

	Rank Value	
PRE-UNIVERSITY EDUCATION	58	71.1
Knowledge capital	69	70.2
Enrolment	47	93.2
Net enrolment rate in primary education	1	100
Net enrolment rate in lower secondary education	1	100
Net enrolment rate in upper secondary education	66	79.6
Completion	61	72.8
Years of compulsory education in primary and secondary	68	69.2
Completion rate in upper secondary education	n/a	n/a
Gross intake ratio to the last grade of lower secondary education	6	76.4
Outcomes	71	44.5
Assessment of 15-year-old students in math, science and reading	51	31.7
Learning-adjusted years of schooling	71	57.3
Educational enabling environment	43	72
Expenditure	44	41.5
Government expenditure on primary education (% GDP)	79	28.3
Government expenditure on secondary education (% GDP)	29	41.6
Government funding per primary student (% GDP per capita)	29	55
Government funding per secondary student (% GDP per capita)	43	41.1
Resources	36	97
Pupil-trained teacher ratio in primary education	31	92.5
Pupil-trained teacher ratio in secondary education	18	95.4
Schools with access to computers in primary education (%)	1	100
Schools with access to computers in secondary education (%)	1	100
Early learning	23	77.5
Gross enrolment ratio in early childhood education	39	57.4
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	4	97.7
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	95	46.6
TVET components	85	40.1
Continuous training and skilling	112	29.4
Firms offering formal training (%)	43	45.4
Labour force participation rate with short-cycle tertiary education	n/a	n/a
Participation rate in formal and non-formal education and training	117	13.3
TVET structure	62	50.1
Government expenditure on vocational education (%)	47	29.3
Share of students enrolled in secondary vocational programmes	57	21
Share of students enrolled in post-secondary vocational programmes	1	100
TVET quality and qualifications	79	41
Extent of staff training	95	52.6
Quality of vocational training	86	49.7
Ratio of high-skill TVET occupations earnings to average wage	58	26.6
Ratio of medium-skill TVET occupations earnings to average wage	39	34.9
TVET labour market	103	53
Efficiency of the labour market	47	72.5
Firms constrained with inadequately educated workforce (%)	107	46.6
Employment educational mismatch (%)	2	99.3
Proportion of skilled production workers	93	47.6
Unemployment rate with vocational education	4	96.5
Post-TVET employment	118	25.2
Share of TVET occupations	118	27.5
Manufacturing employment (%)	99	22.8
Equity and inclusiveness	97	61.4
Enrolment in vocational education, gender parity	39	85.8
Vulnerable employment rate	105	37

	Rank Value	
HIGHER EDUCATION	87	40.9
Inputs	96	34.4
Expenditure	61	28.8
Government expenditure per tertiary student	67	7.3
Teaching staff compensation (% tertiary expenditure)	37	50.3
Enrolment	56	25.3
Enrolment in bachelor's or equivalent level (%)	80	19.8
Enrolment in master's, doctoral or equivalent (%)	49	30.7
Resources	103	49.1
Pupil-teacher ratio in tertiary education	57	78.5
Researchers in higher education (%)	92	19.6
Learning environment	78	46.9
Diversity and academic freedom	72	50.5
Teachers in tertiary education, gender parity	80	53.3
Inbound mobility rate	47	17.2
Academic freedom	52	81.1
Equity and inclusiveness	41	43.2
Gross attendance ratio for tertiary education, gender parity	47	76.7
Gross attendance ratio for tertiary education, wealth parity	50	4.4
Gross attendance ratio for tertiary education, location parity	21	48.6
Outputs	92	41.5
Attainment	79	15.8
Educational attainment rate, bachelor's or equivalent	53	34.2
Educational attainment rate, master's or equivalent	75	8.4
Educational attainment rate, doctoral or equivalent	84	4.7
Employment	53	82.5
Labour force participation rate with advanced education	93	71
Unemployment rate with advanced education	13	94
Impact	115	26.3
University-industry collaboration in R&D	110	35.4
Citable documents per R&D personnel in higher education	64	17.1
RESEARCH, DEVELOPMENT AND INNOVATION	113	22.8
Inputs	120	18.2
Inputs of R&D institutions	104	18.5
GERD (% GDP)	88	4
GERD per researcher	95	5.1
Researchers per thousand labour force	66	7.9
Tertiary graduates from STEM programmes (%)	54	56.9
Inputs of RDI in business enterprises	110	11.2
GERD performed by business enterprises (%)	73	1
GERD financed by business enterprises (%)	70	19.2
Researchers in business enterprises (%)	66	7.2
Firms that spend on R&D (%)	73	17.3
Inputs of societal innovation	101	24.7
High-skilled employment (%)	76	28.1
Intellectual property payments (% total trade)	72	10.6
State of cluster development	125	35.5
Outputs	96	31
Outputs of R&D institutions	111	26.9
Average documents per researcher	90	10.2
Citations per document	119	19.1
Resident patent applications (per 100 billion GDP)	63	51.4
Outputs of RDI in business enterprises	44	33.7
Intellectual property receipts (% total trade)	79	9.5
Industrial design applications (per 100 billion GDP)	22	74.1
PCT applications (per 100 billion GDP)	57	3.8
Firms producing new products and services (%)	49	47.4
Outputs of societal innovation	66	36.4
Trademark applications (per 100 billion GDP)	11	41.9
Cultural goods exports (% exports)	84	57.3
Printing and publishing output (% manufactured output)	83	10.1
Impact	109	19.1
Quality	116	12.7
Research institutions prominence	100	3.1
Growth of innovative companies	124	38.4
ISO 9001 quality certificates (per billion GDP)	84	6.4
ISO 14001 environmental certificates (per billion GDP)	94	3.1
Linkages	100	9.3
GERD financed from abroad (%)	67	9.4
Joint ventures per strategic alliance deals (per billion GDP)	41	11.2
Computer software spending (% GDP)	93	7.3
Business development	84	35.2
New business density per thousand population	49	12.6
Firms with products and services new to the market (%)	81	57.7



MOLDOVA (REPUBLIC OF)

		Rank Value	
INFORMATION AND COMMUNICATIONS TECHNOLOGY		53	54.6
Infrastructure		37	67.1
Coverage		54	62.4
3G/4G mobile network coverage (% population)		36	99.4
Secure Internet servers per 1 million population		51	68.3
Investment in telecommunication services (% GDP)		85	19.6
Quality		26	49.2
Mobile upload and download speeds		81	10.4
Fixed-broadband upload and download speeds		7	81.4
Fixed-broadband subscriptions by speed per hundred people		45	55.8
Affordability		39	89.7
Fixed broadband basket (% GNI per capita)		50	73.8
Mobile broadband basket (% GNI per capita)		55	95.4
Internet and telephony competition		1	100
Access		58	47.3
Subscriptions		73	62.5
Active mobile-broadband subscriptions per hundred inhabitants		71	46.1
International Internet bandwidth per user		10	71.3
Households with Internet access at home (%)		90	70.2
Skills and employment		54	32.1
Individuals with standard ICT skills (%)		n/a	n/a
Tertiary graduates from ICT programmes (%)		26	42.6
ICT employment (%)		50	21.7
Usage		66	49.4
Services		71	50.8
Government online services		67	72.6
Fixed broadband Internet traffic per subscription		n/a	n/a
Mobile broadband Internet traffic per subscription		63	20.3
Internet users (%)		100	59.5
Outcomes		58	48.1
ICT PCT patent applications (per 100 billion GDP)		67	41.3
E-participation		47	72.6
Internet activities by individuals (%)		n/a	n/a
Trade in digitally deliverable services (% total trade)		78	30.3
ECONOMY		68	52.1
Economic competitiveness		45	60.7
Infrastructure investment		83	49.2
Gross fixed capital formation (% GDP)		94	34.1
Logistics performance		100	37.5
Transport productive capacity		59	45.3
Building quality control		46	80
Business agility		27	72.1
Ease of starting a business		11	95.7
Insolvency recovery rate		83	34.9
Entrepreneurial employee activity rate		n/a	n/a
Extent of corporate transparency		12	85.7
Economic openness		90	44.5
Trade and diversification		54	52.9
Trade (% GDP)		52	22.5
High-technology trade (% total trade)		82	14.9
Product concentration		46	82.5
Market concentration		53	91.7
Financial openness		98	36.1
Chinn-Ito financial openness		88	16.3
Foreign direct investment, net inflows (% GDP)		56	42.1
Debt dynamics		56	50
Financing and domestic value added		76	51.1
Financing and taxes		79	56.4
Domestic credit to private sector (% GDP)		106	10.4
MSME financing gap (% GDP)		38	82.3
Tax and contribution rate (% profit)		81	59.2
Bank non-performing loans (%)		91	73.9
Domestic value added		66	45.8
Medium- and high-tech activities value added		76	20.1
Industry and services value added (% GDP)		102	64.5
Labour underutilization rate		11	91.2
Output per worker		102	7.4

		Rank Value	
ENABLING ENVIRONMENT		67	56
Governance		82	39.4
Political environment		86	36.9
Peace and stability		108	22.2
Voice and accountability		65	51.7
Quality of institutions		81	41.8
Rule of law		83	42
Control of corruption		76	42.9
Government effectiveness		87	40.6
Socio-economic		59	63
Gender equity		18	83.8
Female-to-male ratio in parliament		23	68.9
Female-to-male labour force participation		2	98.7
Female-to-male ratio in Internet usage		n/a	n/a
Social inclusion		61	73.6
Social protection coverage (% population)		75	46.2
Adult literacy rate		13	99.4
Youth not in employment, education or training (%)		55	75.1
Standard of living		95	31.7
Poverty headcount ratio (% population)		84	52.1
GDP per capita		80	11.3
Health and environment		58	65.6
Health		86	72.4
Universal health coverage		76	70.8
Healthy life expectancy (years)		91	57.1
Under-five mortality rate		77	89.4
Environmental performance		52	58.8
Renewable energy consumption (%)		80	22.2
Ecological footprint per capita		57	86.3
Natural hazard exposure		46	68

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