



GKI RANK 55 /141

GKI SCORE

50

WORLD AVERAGE

47.8

COUNTRY PERFORMANCE SUMMARY

Oman is a strong performer in terms of its knowledge infrastructure. It ranks 55th out of 141 countries in the Global Knowledge Index 2024 and 51st out of the 59 countries with very high human development.

OMAN

KEY INDICATORS

GDP (US\$ billions): 185.96

Population: 5,049,269

HDI: 0.819

AREAS OF STRENGTH

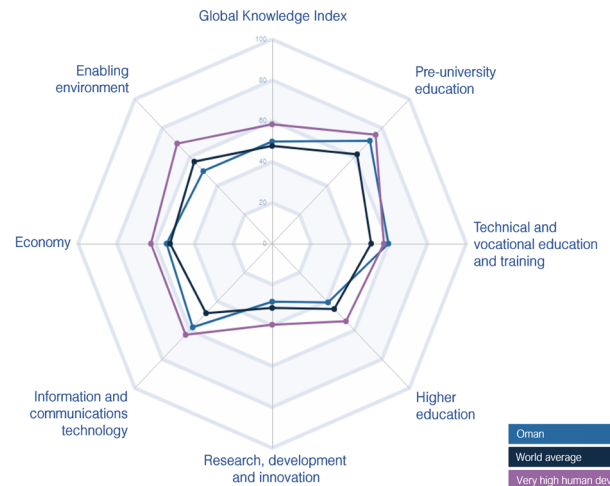
- + Industry and services value added (% GDP)
- + Government expenditure per tertiary student
- + Pupil-trained teacher ratio in primary education
- + Vulnerable employment rate
- + Average documents per researcher

AREAS OF IMPROVEMENT

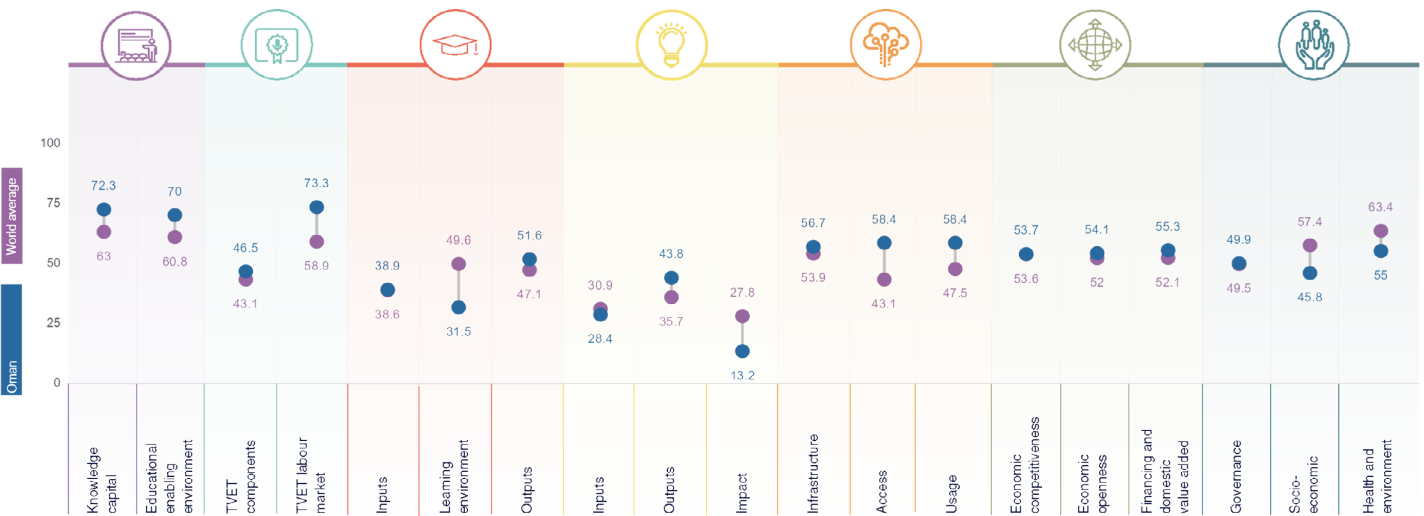
- Female-to-male ratio in parliament
- Researchers in business enterprises (%)
- Renewable energy consumption (%)
- Share of students enrolled in secondary vocational programmes
- Female-to-male labour force participation

SECTORAL INDICES

	RANK	VALUE
PRE-UNIVERSITY EDUCATION	57	71.2
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	31	59.9
HIGHER EDUCATION	89	40.7
RESEARCH, DEVELOPMENT AND INNOVATION	78	28.4
INFORMATION AND COMMUNICATIONS TECHNOLOGY	44	57.9
ECONOMY	55	54.4
ENABLING ENVIRONMENT	90	50.2



GKI PILLARS





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Rank Value

PRE-UNIVERSITY EDUCATION	57	71.2
Knowledge capital	55	72.3
Enrolment	82	84.6
Net enrolment rate in primary education	84	91.2
Net enrolment rate in lower secondary education	83	88.8
Net enrolment rate in upper secondary education	80	73.8
Completion	68	71.6
Years of compulsory education in primary and secondary	45	76.9
Completion rate in upper secondary education	n/a	n/a
Gross intake ratio to the last grade of lower secondary education	49	66.3
Outcomes	43	60.7
Assessment of 15-year-old students in math, science and reading	n/a	n/a
Learning-adjusted years of schooling	63	60.7
Educational enabling environment	53	70
Expenditure	56	38.6
Government expenditure on primary education (% GDP)	56	34.7
Government expenditure on secondary education (% GDP)	10	47.7
Government funding per primary student (% GDP per capita)	57	41.1
Government funding per secondary student (% GDP per capita)	68	30.8
Resources	23	98.2
Pupil-trained teacher ratio in primary education	3	98.1
Pupil-trained teacher ratio in secondary education	22	94.6
Schools with access to computers in primary education (%)	1	100
Schools with access to computers in secondary education (%)	1	100
Early learning	33	73.4
Gross enrolment ratio in early childhood education	n/a	n/a
Proportion of children who are developmentally on track	40	50.2
Proportion of children with stimulating home learning environments	9	80.8
Pupil-trained teacher ratio in pre-primary education	40	89.2
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	31	59.9
TVET components	45	46.5
Continuous training and skilling	7	72
Firms offering formal training (%)	n/a	n/a
Labour force participation rate with short-cycle tertiary education	58	72
Participation rate in formal and non-formal education and training	n/a	n/a
TVET structure	136	0.3
Government expenditure on vocational education (%)	n/a	n/a
Share of students enrolled in secondary vocational programmes	124	0.3
Share of students enrolled in post-secondary vocational programmes	n/a	n/a
TVET quality and qualifications	7	67.1
Extent of staff training	26	67.4
Quality of vocational training	23	66.8
Ratio of high-skill TVET occupations earnings to average wage	n/a	n/a
Ratio of medium-skill TVET occupations earnings to average wage	n/a	n/a
TVET labour market	17	73.3
Efficiency of the labour market	4	91.2
Firms constrained with inadequately educated workforce (%)	n/a	n/a
Employment educational mismatch (%)	n/a	n/a
Proportion of skilled production workers	n/a	n/a
Unemployment rate with vocational education	19	91.2
Post-TVET employment	86	40.7
Share of TVET occupations	107	37.8
Manufacturing employment (%)	41	43.6
Equity and inclusiveness	12	88.1
Enrolment in vocational education, gender parity	59	79.7
Vulnerable employment rate	4	96.6

Rank Value

HIGHER EDUCATION	89	40.7
Inputs	71	38.9
Expenditure	13	47.5
Government expenditure per tertiary student	3	57.2
Teaching staff compensation (% tertiary expenditure)	50	37.9
Enrolment	93	10.3
Enrolment in bachelor's or equivalent level (%)	82	18.7
Enrolment in master's, doctoral or equivalent (%)	115	1.9
Resources	78	58.8
Pupil-teacher ratio in tertiary education	69	73.6
Researchers in higher education (%)	58	44
Learning environment	117	31.5
Diversity and academic freedom	116	31.5
Teachers in tertiary education, gender parity	65	65.6
Inbound mobility rate	73	6.6
Academic freedom	120	22.4
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	56	51.6
Attainment	76	16.6
Educational attainment rate, bachelor's or equivalent	58	31.1
Educational attainment rate, master's or equivalent	70	10
Educational attainment rate, doctoral or equivalent	68	8.7
Employment	68	80.4
Labour force participation rate with advanced education	79	75.3
Unemployment rate with advanced education	65	85.5
Impact	10	57.9
University-industry collaboration in R&D	33	57.5
Citable documents per R&D personnel in higher education	5	58.3
RESEARCH, DEVELOPMENT AND INNOVATION	78	28.4
Inputs	63	28.4
Inputs of R&D institutions	53	33.5
GERD (% GDP)	82	4.8
GERD per researcher	16	44.1
Researchers per thousand labour force	78	4
Tertiary graduates from STEM programmes (%)	12	81.1
Inputs of RDI in business enterprises	103	13.6
GERD performed by business enterprises (%)	63	1.5
GERD financed by business enterprises (%)	54	39.3
Researchers in business enterprises (%)	79	0
Firms that spend on R&D (%)	n/a	n/a
Inputs of societal innovation	69	32.9
High-skilled employment (%)	87	21.5
Intellectual property payments (% total trade)	73	10.6
State of cluster development	11	66.6
Outputs	32	43.8
Outputs of R&D institutions	4	68.9
Average documents per researcher	4	82
Citations per document	14	64.9
Resident patent applications (per 100 billion GDP)	36	60
Outputs of RDI in business enterprises	136	8.1
Intellectual property receipts (% total trade)	n/a	n/a
Industrial design applications (per 100 billion GDP)	121	15.9
PCT applications (per 100 billion GDP)	112	0.4
Firms producing new products and services (%)	n/a	n/a
Outputs of societal innovation	101	29
Trademark applications (per 100 billion GDP)	54	17
Cultural goods exports (% exports)	77	62.6
Printing and publishing output (% manufactured output)	91	7.4
Impact	132	13.2
Quality	57	25.2
Research institutions prominence	71	8
Growth of innovative companies	16	61.6
ISO 9001 quality certificates (per billion GDP)	59	13.1
ISO 14001 environmental certificates (per billion GDP)	40	18.1
Linkages	109	7.2
GERD financed from abroad (%)	84	2.9
Joint ventures per strategic alliance deals (per billion GDP)	32	14
Computer software spending (% GDP)	101	4.7
Business development	132	7.2
New business density per thousand population	74	7.2
Firms with products and services new to the market (%)	n/a	n/a



OMAN

	Rank	Value
INFORMATION AND COMMUNICATIONS TECHNOLOGY	44	57.9
Infrastructure	64	56.7
Coverage	69	59.3
3G/4G mobile network coverage (% population)	41	99.2
Secure Internet servers per 1 million population	90	43.4
Investment in telecommunication services (% GDP)	36	35.3
Quality	73	22
Mobile upload and download speeds	32	28.1
Fixed-broadband upload and download speeds	69	21.6
Fixed-broadband subscriptions by speed per hundred people	84	16.3
Affordability	44	88.9
Fixed broadband basket (% GNI per capita)	64	69.1
Mobile broadband basket (% GNI per capita)	32	97.6
Internet and telephony competition	1	100
Access	27	58.4
Subscriptions	20	73.2
Active mobile-broadband subscriptions per hundred inhabitants	33	57.3
International Internet bandwidth per user	29	64.3
Households with Internet access at home (%)	9	97.9
Skills and employment	32	43.6
Individuals with standard ICT skills (%)	7	71.6
Tertiary graduates from ICT programmes (%)	8	54.2
ICT employment (%)	94	5.2
Usage	41	58.4
Services	31	63.8
Government online services	46	80.8
Fixed broadband Internet traffic per subscription	8	66.9
Mobile broadband Internet traffic per subscription	88	12.7
Internet users (%)	21	94.7
Outcomes	49	53.1
ICT PCT patent applications (per 100 billion GDP)	96	31.2
E-participation	59	65.8
Internet activities by individuals (%)	10	86.1
Trade in digitally deliverable services (% total trade)	83	29.3
ECONOMY	55	54.4
Economic competitiveness	71	53.7
Infrastructure investment	34	59.8
Gross fixed capital formation (% GDP)	37	45.2
Logistics performance	40	57.5
Transport productive capacity	22	63.1
Building quality control	74	73.3
Business agility	95	47.6
Ease of starting a business	26	93.5
Insolvency recovery rate	55	44.7
Entrepreneurial employee activity rate	65	9.2
Extent of corporate transparency	88	42.9
Economic openness	64	54.1
Trade and diversification	110	43.3
Trade (% GDP)	55	22.2
High-technology trade (% total trade)	114	9.5
Product concentration	99	66
Market concentration	115	75.7
Financial openness	52	65
Chinn-Ito financial openness	47	94
Foreign direct investment, net inflows (% GDP)	21	50.9
Debt dynamics	56	50
Financing and domestic value added	58	55.3
Financing and taxes	112	48.9
Domestic credit to private sector (% GDP)	54	23.6
MSME financing gap (% GDP)	n/a	n/a
Tax and contribution rate (% profit)	29	74.1
Bank non-performing loans (%)	n/a	n/a
Domestic value added	23	61.8
Medium- and high-tech activities value added	19	48.5
Industry and services value added (% GDP)	2	96.6
Labour underutilization rate	62	71.9
Output per worker	43	30.1

	Rank	Value
ENABLING ENVIRONMENT	90	50.2
Governance	61	49.9
Political environment	78	40.3
Peace and stability	42	62.7
Voice and accountability	123	17.9
Quality of institutions	56	59.4
Rule of law	42	66.5
Control of corruption	55	57.5
Government effectiveness	66	54.2
Socio-economic	104	45.8
Gender equity	132	45.6
Female-to-male ratio in parliament	137	0
Female-to-male labour force participation	134	36.7
Female-to-male ratio in Internet usage	1	100
Social inclusion	83	62
Social protection coverage (% population)	99	19.8
Adult literacy rate	39	95.9
Youth not in employment, education or training (%)	65	70.3
Standard of living	98	29.8
Poverty headcount ratio (% population)	n/a	n/a
GDP per capita	41	29.8
Health and environment	126	55
Health	74	75.5
Universal health coverage	79	69.9
Healthy life expectancy (years)	76	64
Under-five mortality rate	63	92.5
Environmental performance	136	34.5
Renewable energy consumption (%)	138	0.1
Ecological footprint per capita	125	50.3
Natural hazard exposure	103	53

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