

# GKI RANK 52 /141

GKI SCORE **50.9**

WORLD AVERAGE **47.8**

## COUNTRY PERFORMANCE SUMMARY

Mauritius is a strong performer in terms of its knowledge infrastructure. It ranks 52nd out of 141 countries in the Global Knowledge Index 2024 and 4th out of the 35 countries with high human development.

# MAURITIUS

## KEY INDICATORS

GDP (US\$ billions): **33.53**

Population: **1,273,588**

HDI: **0.796**

## AREAS OF STRENGTH

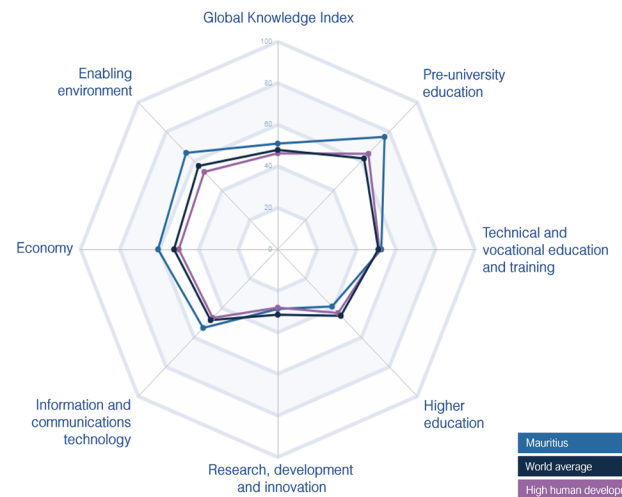
- + Labour force participation rate with advanced education
- + Gross intake ratio to the last grade of lower secondary education
- + Government expenditure on secondary education (% GDP)
- + Tertiary graduates from ICT programmes (%)
- + Ratio of medium-skill TVET occupations earnings to average wage

## AREAS OF IMPROVEMENT

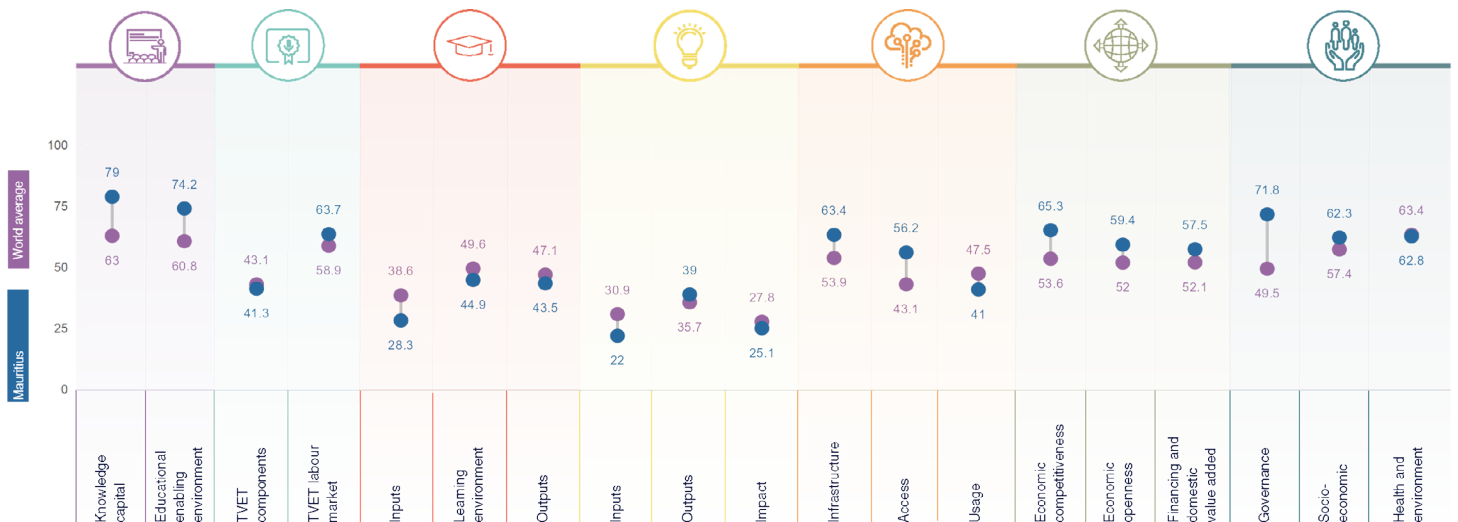
- Share of students enrolled in post-secondary vocational programmes
- Medium- and high-tech activities value added
- Enrolment in vocational education, gender parity
- GERD performed by business enterprises (%)
- GERD financed from abroad (%)

## SECTORAL INDICES

	RANK	VALUE
PRE-UNIVERSITY EDUCATION	30	76.6
TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	67	52.5
HIGHER EDUCATION	94	38.9
RESEARCH, DEVELOPMENT AND INNOVATION	76	28.7
INFORMATION AND COMMUNICATIONS TECHNOLOGY	54	53.5
ECONOMY	37	60.7
ENABLING ENVIRONMENT	39	65.7



## GKI PILLARS





# MAURITIUS

	Rank	Value
<b>PRE-UNIVERSITY EDUCATION</b>	<b>30</b>	<b>76.6</b>
<b>Knowledge capital</b>	<b>34</b>	<b>79</b>
Enrolment	81	85.3
Net enrolment rate in primary education	48	96.4
Net enrolment rate in lower secondary education	87	87.3
Net enrolment rate in upper secondary education	83	72
Completion	9	83.8
Years of compulsory education in primary and secondary	3	92.3
Completion rate in upper secondary education	55	70.7
Gross intake ratio to the last grade of lower secondary education	3	88.4
<b>Outcomes</b>	<b>32</b>	<b>67.9</b>
Assessment of 15-year-old students in math, science and reading	n/a	n/a
Learning-adjusted years of schooling	46	67.9
<b>Educational enabling environment</b>	<b>34</b>	<b>74.2</b>
<b>Expenditure</b>	<b>23</b>	<b>47.1</b>
Government expenditure on primary education (% GDP)	88	26.5
Government expenditure on secondary education (% GDP)	3	62.4
Government funding per primary student (% GDP per capita)	60	38.3
Government funding per secondary student (% GDP per capita)	9	61.4
<b>Resources</b>	<b>48</b>	<b>94.4</b>
Pupil-trained teacher ratio in primary education	24	94.6
Pupil-trained teacher ratio in secondary education	51	85.3
Schools with access to computers in primary education (%)	39	97.8
Schools with access to computers in secondary education (%)	1	100
<b>Early learning</b>	<b>31</b>	<b>74.1</b>
Gross enrolment ratio in early childhood education	50	53.2
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	19	94.9
<b>Equity and inclusiveness</b>	<b>48</b>	<b>81</b>
Completion rate in upper secondary education, gender parity	81	81
Completion rate in upper secondary education, wealth parity	n/a	n/a
Completion rate in upper secondary education, location parity	n/a	n/a
<b>TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING</b>	<b>67</b>	<b>52.5</b>
<b>TVET components</b>	<b>76</b>	<b>41.3</b>
<b>Continuous training and skilling</b>	<b>33</b>	<b>54.8</b>
Firms offering formal training (%)	25	57.2
Labour force participation rate with short-cycle tertiary education	7	91.7
Participation rate in formal and non-formal education and training	111	15.4
<b>TVET structure</b>	<b>114</b>	<b>15.2</b>
Government expenditure on vocational education (%)	51	25.8
Share of students enrolled in secondary vocational programmes	82	11.8
Share of students enrolled in post-secondary vocational programmes	81	8
<b>TVET quality and qualifications</b>	<b>14</b>	<b>54.1</b>
Extent of staff training	38	63.6
Quality of vocational training	80	51
Ratio of high-skill TVET occupations earnings to average wage	19	42.7
Ratio of medium-skill TVET occupations earnings to average wage	4	59.1
<b>TVET labour market</b>	<b>61</b>	<b>63.7</b>
<b>Efficiency of the labour market</b>	<b>82</b>	<b>65.7</b>
Firms constrained with inadequately educated workforce (%)	78	64.3
Employment educational mismatch (%)	50	68.9
Proportion of skilled production workers	86	54.2
Unemployment rate with vocational education	76	75.5
<b>Post-TVET employment</b>	<b>31</b>	<b>57.2</b>
Share of TVET occupations	8	78.2
Manufacturing employment (%)	61	36.2
<b>Equity and inclusiveness</b>	<b>77</b>	<b>68.2</b>
Enrolment in vocational education, gender parity	103	52.5
Vulnerable employment rate	43	84

	Rank	Value
<b>HIGHER EDUCATION</b>	<b>94</b>	<b>38.9</b>
<b>Inputs</b>	<b>107</b>	<b>28.3</b>
<b>Expenditure</b>	<b>107</b>	<b>4.6</b>
Government expenditure per tertiary student	86	4.6
Teaching staff compensation (% tertiary expenditure)	n/a	n/a
<b>Enrolment</b>	<b>64</b>	<b>21.6</b>
Enrolment in bachelor's or equivalent level (%)	65	25.3
Enrolment in master's, doctoral or equivalent (%)	56	18
<b>Resources</b>	<b>79</b>	<b>58.8</b>
Pupil-teacher ratio in tertiary education	96	54.4
Researchers in higher education (%)	28	63.1
<b>Learning environment</b>	<b>89</b>	<b>44.9</b>
<b>Diversity and academic freedom</b>	<b>86</b>	<b>44.9</b>
Teachers in tertiary education, gender parity	59	68.4
Inbound mobility rate	43	17.4
Academic freedom	97	48.9
<b>Equity and inclusiveness</b>	<b>n/a</b>	<b>n/a</b>
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
<b>Outputs</b>	<b>85</b>	<b>43.5</b>
<b>Attainment</b>	<b>88</b>	<b>11.1</b>
Educational attainment rate, bachelor's or equivalent	85	19.4
Educational attainment rate, master's or equivalent	66	11.8
Educational attainment rate, doctoral or equivalent	97	2.2
<b>Employment</b>	<b>9</b>	<b>89.4</b>
Labour force participation rate with advanced education	3	96.5
Unemployment rate with advanced education	78	82.2
<b>Impact</b>	<b>103</b>	<b>29.9</b>
University-industry collaboration in R&D	83	42.5
Citable documents per R&D personnel in higher education	63	17.3
<b>RESEARCH, DEVELOPMENT AND INNOVATION</b>	<b>76</b>	<b>28.7</b>
<b>Inputs</b>	<b>100</b>	<b>22</b>
<b>Inputs of R&amp;D institutions</b>	<b>82</b>	<b>22.9</b>
GERD (% GDP)	75	5.4
GERD per researcher	61	18.3
Researchers per thousand labour force	67	7.7
Tertiary graduates from STEM programmes (%)	42	60.2
<b>Inputs of RDI in business enterprises</b>	<b>107</b>	<b>12</b>
GERD performed by business enterprises (%)	77	0.5
GERD financed by business enterprises (%)	81	5.1
Researchers in business enterprises (%)	69	5
Firms that spend on R&D (%)	27	37.6
<b>Inputs of societal innovation</b>	<b>79</b>	<b>30.1</b>
High-skilled employment (%)	54	36.3
Intellectual property payments (% total trade)	105	2.8
State of cluster development	50	51.2
<b>Outputs</b>	<b>47</b>	<b>39</b>
<b>Outputs of R&amp;D institutions</b>	<b>87</b>	<b>33.1</b>
Average documents per researcher	44	23.8
Citations per document	64	38.2
Resident patent applications (per 100 billion GDP)	98	37.4
<b>Outputs of RDI in business enterprises</b>	<b>29</b>	<b>40.3</b>
Intellectual property receipts (% total trade)	104	3.2
Industrial design applications (per 100 billion GDP)	31	70.9
PCT applications (per 100 billion GDP)	25	28
Firms producing new products and services (%)	33	58.9
<b>Outputs of societal innovation</b>	<b>18</b>	<b>49.3</b>
Trademark applications (per 100 billion GDP)	28	25.9
Cultural goods exports (% exports)	25	84.6
Printing and publishing output (% manufactured output)	17	37.5
<b>Impact</b>	<b>80</b>	<b>25.1</b>
<b>Quality</b>	<b>82</b>	<b>17.6</b>
Research institutions prominence	115	2.2
Growth of innovative companies	115	40.6
ISO 9001 quality certificates (per billion GDP)	38	19.5
ISO 14001 environmental certificates (per billion GDP)	64	8.1
<b>Linkages</b>	<b>102</b>	<b>9</b>
GERD financed from abroad (%)	87	2
Joint ventures per strategic alliance deals (per billion GDP)	36	12.2
Computer software spending (% GDP)	83	12.8
<b>Business development</b>	<b>28</b>	<b>48.8</b>
New business density per thousand population	15	39.4
Firms with products and services new to the market (%)	78	58.2



# MAURITIUS

	Rank Value	
<b>INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	<b>54</b>	<b>53.5</b>
<b>Infrastructure</b>	<b>47</b>	<b>63.4</b>
Coverage	12	76
3G/4G mobile network coverage (% population)	57	98.4
Secure Internet servers per 1 million population	69	53.5
Investment in telecommunication services (% GDP)	n/a	n/a
Quality	69	24.1
Mobile upload and download speeds	64	14.9
Fixed-broadband upload and download speeds	88	11.1
Fixed-broadband subscriptions by speed per hundred people	56	46.2
Affordability	38	90
Fixed broadband basket (% GNI per capita)	45	75
Mobile broadband basket (% GNI per capita)	59	95.1
Internet and telephony competition	1	100
<b>Access</b>	<b>34</b>	<b>56.2</b>
Subscriptions	49	67
Active mobile-broadband subscriptions per hundred inhabitants	21	61.4
International Internet bandwidth per user	24	65.1
Households with Internet access at home (%)	86	74.7
Skills and employment	27	45.4
Individuals with standard ICT skills (%)	54	25.9
Tertiary graduates from ICT programmes (%)	3	73.6
ICT employment (%)	37	36.8
<b>Usage</b>	<b>88</b>	<b>41</b>
Services	92	42.7
Government online services	88	59
Fixed broadband Internet traffic per subscription	59	27.2
Mobile broadband Internet traffic per subscription	89	11.7
Internet users (%)	85	72.8
Outcomes	84	39.2
ICT PCT patent applications (per 100 billion GDP)	38	52
E-participation	102	41.1
Internet activities by individuals (%)	71	25.3
Trade in digitally deliverable services (% total trade)	55	38.6
<b>ECONOMY</b>	<b>37</b>	<b>60.7</b>
<b>Economic competitiveness</b>	<b>29</b>	<b>65.3</b>
Infrastructure investment	67	52.3
Gross fixed capital formation (% GDP)	56	41.3
Logistics performance	100	37.5
Transport productive capacity	76	37.3
Building quality control	8	93.3
Business agility	12	78.3
Ease of starting a business	58	90.2
Insolvency recovery rate	29	73.3
Entrepreneurial employee activity rate	n/a	n/a
Extent of corporate transparency	51	71.4
<b>Economic openness</b>	<b>49</b>	<b>59.4</b>
Trade and diversification	47	53.9
Trade (% GDP)	41	26.5
High-technology trade (% total trade)	101	11.2
Product concentration	41	83.6
Market concentration	23	94.2
Financial openness	53	64.8
Chinn-Ito financial openness	57	70.1
Foreign direct investment, net inflows (% GDP)	40	44.4
Debt dynamics	36	80
<b>Financing and domestic value added</b>	<b>47</b>	<b>57.5</b>
Financing and taxes	20	70.5
Domestic credit to private sector (% GDP)	41	27.6
MSME financing gap (% GDP)	5	95.4
Tax and contribution rate (% profit)	15	84
Bank non-performing loans (%)	85	75.1
Domestic value added	71	44.4
Medium- and high-tech activities value added	114	5.4
Industry and services value added (% GDP)	76	71.1
Labour underutilization rate	45	78.8
Output per worker	54	22.4

	Rank Value	
<b>ENABLING ENVIRONMENT</b>	<b>39</b>	<b>65.7</b>
<b>Governance</b>	<b>34</b>	<b>71.8</b>
Political environment	31	70.6
Peace and stability	23	75.5
Voice and accountability	41	65.7
Quality of institutions	37	73.1
Rule of law	33	77.8
Control of corruption	47	65.6
Government effectiveness	35	75.9
<b>Socio-economic</b>	<b>62</b>	<b>62.3</b>
Gender equity	102	61.6
Female-to-male ratio in parliament	98	25
Female-to-male labour force participation	114	63.3
Female-to-male ratio in Internet usage	77	96.4
Social inclusion	60	73.6
Social protection coverage (% population)	50	74.1
Adult literacy rate	61	89.2
Youth not in employment, education or training (%)	88	57.7
Standard of living	38	51.8
Poverty headcount ratio (% population)	14	84.1
GDP per capita	56	19.6
<b>Health and environment</b>	<b>84</b>	<b>62.8</b>
Health	83	73.3
Universal health coverage	89	65.7
Healthy life expectancy (years)	70	65.5
Under-five mortality rate	80	88.7
Environmental performance	84	52.3
Renewable energy consumption (%)	119	8.9
Ecological footprint per capita	76	77.8
Natural hazard exposure	36	70

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