

**GKI** RANK 45/141

53 SCORE WORLD AVERAGE 47.8

#### **COUNTRY PERFORMANCE SUMMARY**

Seychelles is a strong performer in terms of its knowledge infrastructure. It ranks 45th out of 141 countries in the Global Knowledge Index 2024 and 44th out of the 59 countries with very high human development.

### **AREAS OF STRENGTH**

- Transport productive capacity
- Investment in telecommunication services (% GDP)
- Trade (% GDP)
- GERD financed from abroad (%)
- Citations per document

#### **AREAS OF IMPROVEMENT**

- Government expenditure on vocational education (%)
- Inbound mobility rate
- Research institutions prominence
- Participation rate in formal and non-formal education and training
- Building quality control

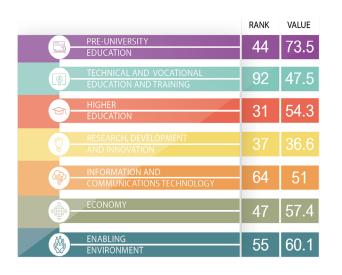
#### SECTORAL INDICES

**KEY INDICATORS** 

GDP (US\$ billions): 3.53

Population: 127,951

HDI: 0.802





#### **GKI PILLARS**





## **SEYCHELLES**

PRE HAIN/EDGITY EDUCATION		Value
PRE-UNIVERSITY EDUCATION	44	73.5
Knowledge capital	36	78.7
Enrolment	58	90.5
Net enrolment rate in primary education	65	94.2
Net enrolment rate in lower secondary education	52	97.5
Net enrolment rate in upper secondary education	65	79.9
Completion	55	74.8
Years of compulsory education in primary and secondary	30	84.6
Completion rate in upper secondary education	n/a 61	n/a 65
Gross intake ratio to the last grade of lower secondary education  Outcomes	28	70.7
Assessment of 15-year-old students in math, science and reading	n/a	n/a
Learning-adjusted years of schooling	43	70.7
Educational enabling environment	58	68.3
Expenditure	89	27
Government expenditure on primary education (% GDP)	78	28.3
Government expenditure on secondary education (% GDP)	86	20.5
Government funding per primary student (% GDP per capita)	74	33.5
Government funding per secondary student (% GDP per capita)	78	25.6
Resources	38	96.9
Pupil-trained teacher ratio in primary education	29	93.4
Pupil-trained teacher ratio in secondary education	23	94.3
Schools with access to computers in primary education (%)	1	100
Schools with access to computers in secondary education (%)	1	100
Early learning	16	81
Gross enrolment ratio in early childhood education	12	77
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	46	84.9
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	92	47.5
TVET components	90	39.4
Continuous training and skilling	123	23.5
Firms offering formal training (%)	46	44.8
Labour force participation rate with short-cycle tertiary education	n/a	n/a
	128	2.2
r arriolparion rate in formal and non-formal education and training		
•	81	39.4
TVET structure	81 80	0
TVET structure Government expenditure on vocational education (%)		
TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes	80	0
TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  Share of students enrolled in post-secondary vocational programmes	80 62	0 18.1
TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  Share of students enrolled in post-secondary vocational programmes  TVET quality and qualifications	80 62 1	0 18.1 100
TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  Share of students enrolled in post-secondary vocational programmes  TVET quality and qualifications  Extent of staff training	80 62 1 13	0 18.1 100 55.3
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Participation rate in formal and non-formal education and training TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  Share of students enrolled in post-secondary vocational programmes  TVET quality and qualifications  Extent of staff training  Quality of vocational training  Ratio of high-skill TVET occupations earnings to average wage  Ratio of medium-skill TVET occupations earnings to average wage	80 62 1 13 81 64	0 18.1 100 55.3 55.5 55.1
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TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  TVET quality and qualifications  Extent of staff training  Quality of vocational training  Ratio of high-skill TVET occupations earnings to average wage  Ratio of medium-skill TVET occupations earnings to average wage  TVET labour market	80 62 1 13 81 64 n/a n/a	0 18.1 100 55.3 55.5 55.1 n/a
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TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  Share of students enrolled in post-secondary vocational programmes  TVET quality and qualifications  Extent of staff training  Quality of vocational training  Ratio of high-skill TVET occupations earnings to average wage  Ratio of medium-skill TVET occupations earnings to average wage  TVET labour market  Efficiency of the labour market  Efficiency of the labour market  Efficiency of the labour market  Employment educational mismatch (%)	80 62 1 13 81 64 n/a 102 96	0 18.1 100 55.3 55.5 55.1 n/a n/a 55.6 62.4
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TVET structure  Government expenditure on vocational education (%)  Share of students enrolled in secondary vocational programmes  Share of students enrolled in post-secondary vocational programmes  TVET quality and qualifications  Extent of staff training  Quality of vocational training  Ratio of high-skill TVET occupations earnings to average wage  Ratio of medium-skill TVET occupations earnings to average wage  TVET labour market  Efficiency of the labour market  Firms constrained with inadequately educated workforce (%)  Employment educational mismatch (%)  Proportion of skilled production workers  Unemployment rate with vocational education  Post-TVET employment	80 62 1 13 81 64 n/a n/a 93 102 96 n/a 43 n/a	0 18.1 100 55.3 55.5 55.1 n/a 172.3 172.3 172.3
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HIGHER EDUCATION Inputs Expenditure	Rank	
•	31	54.3
Expenditure	77	37.7
0	35	36.5
Government expenditure per tertiary student	14 n/a	36.5 n/a
Teaching staff compensation (% tertiary expenditure)	n/a 115	3.7
Enrolment in bachelor's or equivalent level (%)	112	4.9
Enrolment in master's, doctoral or equivalent (%)	113	2.4
Resources	33	72.8
Pupil-teacher ratio in tertiary education	72	72.8
Researchers in higher education (%)	n/a	n/a
Learning environment	47	58.6
Diversity and academic freedom	54	58.6
Teachers in tertiary education, gender parity	35	85.2
Inbound mobility rate	118	0
Academic freedom	22	90.7
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	8	66.5
Attainment	n/a	n/a
Educational attainment rate, bachelor's or equivalent	n/a	n/a
Educational attainment rate, master's or equivalent	n/a	n/a
Educational attainment rate, doctoral or equivalent	n/a	n/a
Employment	28	86.2
Labour force participation rate with advanced education	21	86.5
Unemployment rate with advanced education	64	85.9
Impact	39	46.9
University-industry collaboration in R&D	64	46.9
Citable documents per R&D personnel in higher education	n/a	n/a
Inputs	72	26.7
Inputs of R&D institutions	48	34.9
GERD (% GDP)	89	3.7
GERD per researcher	n/a	n/a
Researchers per thousand labour force	n/a	n/a
Tertiary graduates from STEM programmes (%)	33	66.1
Inputs of RDI in business enterprises	125	5.6
GERD performed by business enterprises (%)	n/a	n/a
GERD financed by business enterprises (%)	86	2.5
Researchers in business enterprises (%)	n/a	n/a
Firms that spend on R&D (%)	98	8.7
Inputs of societal innovation	76	31.2
	55	31.2
High-skilled employment (%)	00	36.1
Intellectual property payments (% total trade)	94	36.1 4.2
Intellectual property payments (% total trade)		36.1
Intellectual property payments (% total trade) State of cluster development	94	36.1 4.2
Intellectual property payments (% total trade) State of cluster development Outputs	94 42	36.1 4.2 53.4
Intellectual property payments (% total trade) State of cluster development Outputs Outputs of R&D institutions	94 42 <b>27</b>	36.1 4.2 53.4 46.2
Intellectual property payments (% total trade) State of cluster development  Outputs Outputs of R&D institutions  Average documents per researcher	94 42 27 12	36.1 4.2 53.4 46.2 57
Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs of R&D institutions  Average documents per researcher  Citations per document	94 42 27 12 n/a	36.1 4.2 53.4 46.2 57 n/a
Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs of R&D institutions  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)	94 42 27 12 n/a 10	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9
Intellectual property payments (% total trade) State of cluster development Outputs Outputs Outputs Outputs Outputs of R&D institutions Average documents per researcher Citations per document Resident patent applications (per 100 billion GDP) Outputs of RDI in business enterprises	94 42 27 12 n/a 10 92	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7
Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs Outputs Outputs  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)  Outputs of RDI in business enterprises  Intellectual property receipts (% total trade)  Industrial design applications (per 100 billion GDP)	94 42 27 12 n/a 10 92	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9
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Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs  Outputs of R&D institutions  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)  Outputs of RDI in business enterprises  Intellectual property receipts (% total trade)  Industrial design applications (per 100 billion GDP)  PCT applications (per 100 billion GDP)  Firms producing new products and services (%)	94 42 27 12 n/a 10 92 30 72 n/a 18 25	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9 11.3 n/a 42 66.4
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Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs  Outputs Outputs  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)  Outputs of RDI in business enterprises  Intellectual property receipts (% total trade)  Industrial design applications (per 100 billion GDP)  PCT applications (per 100 billion GDP)  Firms producing new products and services (%)  Outputs of societal innovation  Trademark applications (per 100 billion GDP)	94 42 27 12 n/a 10 92 30 72 n/a 18 25 94	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9 11.3 n/a 42 66.4 30.9 9.1
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High-skilled employment (%) Intellectual property payments (% total trade) State of cluster development  Outputs  Outputs  Outputs of R&D institutions  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)  Outputs of RDI in business enterprises  Intellectual property receipts (% total trade) Industrial design applications (per 100 billion GDP)  PCT applications (per 100 billion GDP)  PCT applications (per 100 billion GDP)  Firms producing new products and services (%)  Outputs of societal innovation  Trademark applications (per 100 billion GDP)  Cultural goods exports (% exports)  Printing and publishing output (% manufactured output)  Impact  Quality  Research institutions prominence  Growth of innovative companies  ISO 9001 quality certificates (per billion GDP)  ISO 14001 environmental certificates (per billion GDP)  Linkages  GERD financed from abroad (%)  Joint ventures per strategic alliance deals (per billion GDP)	94 42 27 12 n/a 10 92 30 72 n/a 18 25 94 89 99 n/a 27 88 122 45 79 67 2 7 n/a n/a	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9 11.3 n/a 42 66.4 30.9 9.1 52.7 n/a 37.1 16.5 0 51.7 6.8 7.6 64.6 n/a
Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs  Outputs of R&D institutions  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)  Outputs of RDI in business enterprises  Intellectual property receipts (% total trade)  Industrial design applications (per 100 billion GDP)  PCT applications (per 100 billion GDP)  Firms producing new products and services (%)  Outputs of societal innovation  Trademark applications (per 100 billion GDP)  Cultural goods exports (% exports)  Printing and publishing output (% manufactured output)  Impact  Ouality  Research institutions prominence  Growth of innovative companies  ISO 9001 quality certificates (per billion GDP)  ISO 14001 environmental certificates (per billion GDP)  Linkages  GERD financed from abroad (%)  Joint ventures per strategic alliance deals (per billion GDP)  Computer software spending (% GDP)  Business development	94 42 27 12 n/a 10 92 30 72 n/a 18 25 94 89 99 n/a 27 88 122 45 79 67 2 7 n/a n/a 106	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9 11.3 n/a 42 66.4 30.9 9.1 52.7 n/a 37.1 16.5 0 51.7 6.8 7.6 64.6 64.6 n/a
Intellectual property payments (% total trade)  State of cluster development  Outputs  Outputs  Outputs of R&D institutions  Average documents per researcher  Citations per document  Resident patent applications (per 100 billion GDP)  Outputs of RDI in business enterprises  Intellectual property receipts (% total trade)  Industrial design applications (per 100 billion GDP)  PCT applications (per 100 billion GDP)  Firms producing new products and services (%)  Outputs of societal innovation  Trademark applications (per 100 billion GDP)  Cultural goods exports (% exports)  Printing and publishing output (% manufactured output)  Impact  Quality  Research institutions prominence  Growth of innovative companies  ISO 9001 quality certificates (per billion GDP)  Linkages  GERD financed from abroad (%)  Joint ventures per strategic alliance deals (per billion GDP)  Computer software spending (% GDP)	94 42 27 12 n/a 10 92 30 72 n/a 18 25 94 89 99 n/a 27 88 122 45 79 67 2 7 n/a n/a	36.1 4.2 53.4 46.2 57 n/a 73.3 40.7 39.9 11.3 n/a 42 66.4 30.9 9.1 52.7 n/a 37.1 16.5 0 51.7 6.8 7.6 64.6 n/a



# **SEYCHELLES**

		Value
INFORMATION AND COMMUNICATIONS TECHNOLOGY	64	51
Infrastructure	30	69.1
Coverage	1	95.4
3G/4G mobile network coverage (% population)	57	98.4
Secure Internet servers per 1 million population	13	87.7 100
Investment in telecommunication services (% GDP)  Quality	70	23.6
Mobile upload and download speeds	45	20.2
Fixed-broadband upload and download speeds	96	9.7
Fixed-broadband subscriptions by speed per hundred people	63	40.8
Affordability	45	88.3
Fixed broadband basket (% GNI per capita)	38	76.9
Mobile broadband basket (% GNI per capita)	90	88
Internet and telephony competition	1	100
Access	81	40
Subscriptions	89	55.1
Active mobile-broadband subscriptions per hundred inhabitants	90	38.9
International Internet bandwidth per user	54	59
Households with Internet access at home (%)	93	67.3
Skills and employment	72	24.9
Individuals with standard ICT skills (%)	n/a	n/a
Tertiary graduates from ICT programmes (%)	45	34.2
ICT employment (%)	61	15.7
Usage	81	44
Services	94	42
Government online services	109	46.4
Fixed broadband Internet traffic per subscription	88	13.3
Mobile broadband Internet traffic per subscription	55	23.1
Internet users (%)	54	85.2
Outcomes	65	46
ICT PCT patent applications (per 100 billion GDP)	23	69.4
ICT PCT patent applications (per 100 billion GDP)  E-participation	23 114	69.4 30.1
E-participation	114	30.1
E-participation Internet activities by individuals (%)	114 n/a	30.1 n/a
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)	114 n/a 56	30.1 n/a 38.4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade) ECONOMY	114 n/a 56 47	30.1 n/a 38.4 57.4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness	114 n/a 56 47 66	30.1 n/a 38.4 57.4 54.1
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment	114 n/a 56 47 66 61	30.1 n/a 38.4 57.4 54.1 53.5
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP)	114 n/a 56 47 66 61 120	30.1 n/a 38.4 57.4 54.1 53.5 27.5
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity	114 n/a 56 47 66 61 120 n/a	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance	114 n/a 56 47 66 61 120 n/a	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility	114 n/a 56 47 66 61 120 n/a 2	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control	114 n/a 56 47 66 61 120 n/a 2 133	30.1 n/a 38.4 <b>57.4 54.1</b> 53.5 27.5 n/a 93 40 54.6
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business	114 n/a 56 47 66 61 120 n/a 2 133 71	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment  Gross fixed capital formation (% GDP) Logistics performance  Transport productive capacity  Building quality control  Business agility  Ease of starting a business Insolvency recovery rate	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67	30.1 n/a 38.4 <b>57.4 54.1</b> 53.5 27.5 n/a 93 40 54.6 78.8 42.3
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  ECONOMIC COMPETITIVENES Infrastructure investment  Gross fixed capital formation (% GDP) Logistics performance  Transport productive capacity  Building quality control  Business agility  Ease of starting a business Insolvency recovery rate  Entrepreneurial employee activity rate	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a	30.1 n/a 38.4 <b>57.4 54.1</b> 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  ECONOMIC COMPETITIVENESS Infrastructure investment  Gross fixed capital formation (% GDP) Logistics performance  Transport productive capacity  Building quality control  Business agility  Ease of starting a business Insolvency recovery rate  Entrepreneurial employee activity rate  Extent of corporate transparency	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 48.5
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 48.5 49.1
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7	30.1 n/a 38.4 <b>57.4 54.1</b> 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 <b>59.1</b> 48.5 49.1 4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132	30.1 n/a 38.4 <b>57.4 54.1</b> 53.5 27.5 n/a 93 40 54.6 42.3 n/a 42.9 <b>59.1</b> 48.5 49.1 4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Financial openness	114 n/a   56   47   66   61   120   n/a   2   133   71   117   67   n/a   88   51   83   7   132   124   85	30.1 n/a 38.4 <b>57.4 54.1</b> 53.5 n/a 93 40 54.6 42.3 n/a 42.9 <b>59.1</b> 48.5 49.1 4 78.8 49.1 4 78.8 49.1 4 78.8 49.1 4 79.1 4 79.1 4 79.1 4 79.1 4 79.1 6 79.1
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Financial openness Chinn-Ito financial openness Chinn-Ito financial openness	114 n/a   56   47   66   61   120   n/a   2   133   71   117   67   n/a   88   51   83   7   132   124   85   42	30.1 n/a 38.4   57.4   54.1   53.5   27.5   n/a   93   40   54.6   42.3   n/a   42.9   59.1   48.5   49.1   4   53.1   87.9   69.6
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1	30.1 n/a 38.4   57.4   54.1   53.5   27.5   n/a   93   40   54.6   42.3   n/a   42.9   59.1   48.5   49.1   4   53.1   87.9   69.6   100
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14	30.1 n/a 38.4   57.4   54.1   53.5   27.5   n/a   93   40   54.6   42.3   n/a   42.9   59.1   48.5   49.1   4   53.1   87.9   69.6   100   58.8
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 1 14 56	30.1 n/a 38.4   57.4   54.1   53.5   27.5   n/a   93   40   54.6   42.3   n/a   42.9   59.1   48.5   49.1   4   53.1   87.9   69.6   100   58.8   50
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics Financing and domestic value added Financing and taxes	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 1 14 56 38	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 48.5 49.1 4 53.1 87.9 69.6 100 58.8 50 59
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 59 51.5
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics Financing and domestic value added	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103 108	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 59.9
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP) MSME financing gap (% GDP)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103 108 n/a	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 59.9 n/a
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  ECONOMIC competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics  Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP) MSME financing gap (% GDP) Tax and contribution rate (% profit) Bank non-performing loans (%)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103 108 n/a 41	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 59.9 n/a 70.2
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  ECONOMIC competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics  Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP) MSME financing gap (% GDP) Tax and contribution rate (% profit) Bank non-performing loans (%) Domestic value added	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103 108 n/a 41 89	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 59 n/a 70.2 74.4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance  Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics  Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP) MSME financing gap (% GDP) Tax and contribution rate (% profit)	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103 108 n/a 41 89 14	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 59 9.9 n/a 70.2 74.4 66.5
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)  ECONOMY  ECONOMY  ECONOMIC competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity Building quality control Business agility Ease of starting a business Insolvency recovery rate Entrepreneurial employee activity rate Extent of corporate transparency  Economic openness Trade and diversification Trade (% GDP) High-technology trade (% total trade) Product concentration Market concentration Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics  Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP) MSME financing gap (% GDP) Tax and contribution rate (% profit) Bank non-performing loans (%) Domestic value added Medium- and high-tech activities value added	114 n/a 56 47 66 61 120 n/a 2 133 71 117 67 n/a 88 51 83 7 132 124 85 42 1 14 56 38 103 108 n/a 41 89 14 n/a	30.1 n/a 38.4 57.4 54.1 53.5 27.5 n/a 93 40 54.6 78.8 42.3 n/a 42.9 59.1 4 53.1 87.9 69.6 100 58.8 50 9.9 n/a 70.2 74.4 66.5 n/a

	Rank Value	
ENABLING ENVIRONMENT	55	60.1
Governance	29	73.2
Political environment	34	68.7
Peace and stability	27	72.6
Voice and accountability	43	64.7
Quality of institutions	32	77.7
Rule of law	44	65.6
Control of corruption	12	94.3
Government effectiveness	38	73.1
Socio-economic	96	48.3
Gender equity	140	25.9
Female-to-male ratio in parliament	97	25.9
Female-to-male labour force participation	n/a	n/a
Female-to-male ratio in Internet usage	n/a	n/a
Social inclusion	51	77.5
Social protection coverage (% population)	61	60.2
Adult literacy rate	43	94.8
Youth not in employment, education or training (%)	n/a	n/a
Standard of living	65	41.4
Poverty headcount ratio (% population)	76	61
GDP per capita	53	21.7
Health and environment	107	58.8
Health	62	77.6
Universal health coverage	62	74.6
Healthy life expectancy (years)	55	69.2
Under-five mortality rate	79	89
Environmental performance	127	40
Renewable energy consumption (%)	131	2
Ecological footprint per capita	n/a	n/a
Natural hazard exposure	15	78

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