

GKI RANK

GKI SCORE

68.3

WORLD AVERAGE

47.8

COUNTRY PERFORMANCE SUMMARY

Sweden is a leading performer in terms of its knowledge infrastructure. It ranks 1st out of 141 countries in the Global Knowledge Index 2024 and 1st out of the 59 countries with very high human development.

AREAS OF STRENGTH

- ICT PCT patent applications (per 100 billion GDP)
- Trade in digitally deliverable services (% total trade)
- Participation rate in formal and non-formal education and training
- ICT employment (%)
- Bank non-performing loans (%)

AREAS OF IMPROVEMENT

- Researchers in higher education (%)
- Share of students enrolled in post-
- secondary vocational programmes
- Ecological footprint per capita
- Tax and contribution rate (% profit)
 - Building quality control

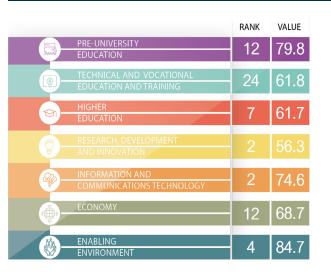
SECTORAL INDICES

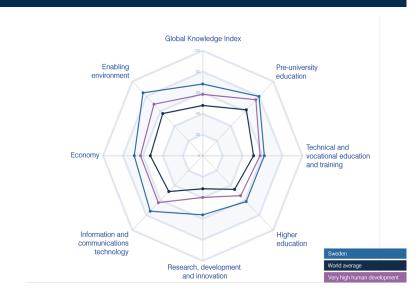
KEY INDICATORS

GDP (US\$ billions): 676.353

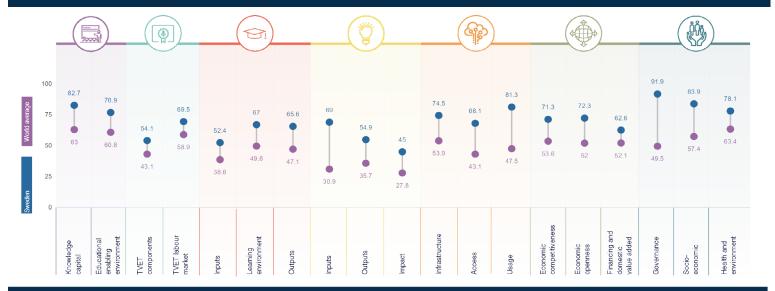
Population: 10,551,494

HDI: 0.952





GKI PILLARS





SWEDEN

-	c Valu
12	79.8
22	82.7
10	98.4
22	98.8
20	99.3
14	97.1
57	74.4
68	69.2
37	83.1
22	70.8
13	75.2
17	62.1
8	88.4
23	76.9
20	48.4
23	47.2
17	45.7
	58
	42.9
	100
	n/a
	n/a
	100
	100
	69.5
	69.5
	n/a
	n/a
	n/a
	89.8
	90.2
n/a	
0.7	n/a
37	89.5
24	89.5 61.8
	89.5
24	89.5 61.8
24 19	89.5 61.8 54.1
24 19 5	89.5 61.8 54.1 77
24 19 5 8	89.5 61.8 54.1 77 77
24 19 5 8 71	89.5 61.8 54.1 77 77 65.6
24 19 5 8 71 3	89.5 61.8 54.1 77 77 65.6 88.4
24 19 5 8 71 3 78	89.5 61.8 54.1 77 77 65.6 88.4 41.1
24 19 5 8 71 3 78 32	89.5 61.8 54.1 77 65.6 88.4 41.1 38.5
24 19 5 8 71 3 78 32 36	89.5 61.8 54.1 77 65.6 88.4 41.1 38.5 33
24 19 5 8 71 3 78 32 36 76	89.5 61.8 54.1 77 65.6 88.4 41.1 38.5 33 51.7
24 19 5 8 71 3 78 32 36 76 54	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7
24 19 5 8 71 3 78 32 36 76 54	89.5 61.8 54.1 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6
24 19 5 8 71 3 78 32 36 76 54 24	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6
24 19 5 8 71 3 78 32 36 76 54 24 28	89.5 61.8 54.1 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26 9	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7 84.1
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26 9	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7 84.1 84.7
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26 9 49 62	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7 84.1 84.7 46.2
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26 9 49 62 57	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7 84.1 84.7 46.2 61.2
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26 9 49 62 57 76	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7 84.1 84.7 46.2 61.2 31.2
24 19 5 8 71 3 78 32 36 76 54 24 28 90 78 31 30 86 26 9 49 62 57	89.5 61.8 54.1 77 77 65.6 88.4 41.1 38.5 33 51.7 44.1 67.6 64.6 20.9 23.5 69.5 77 60.4 78.7 84.1 84.7 46.2 61.2
	10 22 20 14 57 68 37 22 13 17 8 23 17 21 37 1 n/a n/a 1 43 20 n/a n/a 32 57

	Rank	Value
HIGHER EDUCATION	7	61.7
Inputs	15	52.4
Expenditure	14	46.9
Government expenditure per tertiary student	6	46.9
Teaching staff compensation (% tertiary expenditure)	n/a	n/a
Enrolment	7	57.6
Enrolment in bachelor's or equivalent level (%)	42 8	32 83.2
Enrolment in master's, doctoral or equivalent (%) Resources	94	52.8
Pupil-teacher ratio in tertiary education	39	84.3
Researchers in higher education (%)	89	21.3
Learning environment	22	67
Diversity and academic freedom	29	67
Teachers in tertiary education, gender parity	23	89.7
Inbound mobility rate	45	17.3
Academic freedom	10	93.9
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 11	n/a 65.6
Outputs Attainment	11	55.2
Educational attainment rate, bachelor's or equivalent	19	55.1
Educational attainment rate, master's or equivalent	14	57.4
Educational attainment rate, doctoral or equivalent	17	53.1
Employment	58	82
Labour force participation rate with advanced education	72	76.3
Unemployment rate with advanced education	55	87.6
Impact	9	59.5
University-industry collaboration in R&D	13	67.5
Citable documents per R&D personnel in higher education	8	51.5
RESEARCH, DEVELOPMENT AND INNOVATION	2	56.3
Inputs	3	69 64.4
Inputs of R&D institutions GERD (% GDP)	5	61.4
GERD per researcher	27	34
Researchers per thousand labour force	3	91.8
Tertiary graduates from STEM programmes (%)	25	70.5
Inputs of RDI in business enterprises	7	65.5
GERD performed by business enterprises (%)	3	53.8
GERD financed by business enterprises (%)	11	75.2
Researchers in business enterprises (%)	3	88.8
Firms that spend on R&D (%)	19	81.6
Inputs of societal innovation High-skilled employment (%)	4	80.8
Intellectual property payments (% total trade)	1	100
State of cluster development	17	64
Outputs	10	54.9
Outputs of R&D institutions	18	52.8
Average documents per researcher	62	18.8
Citations per document	20	60.3
Resident patent applications (per 100 billion GDP)	8	79.3
Outputs of RDI in business enterprises	5	82.4
Intellectual property receipts (% total trade)	5	78.8
Industrial design applications (per 100 billion GDP) PCT applications (per 100 billion GDP)	32 1	70.1 100
Firms producing new products and services (%)	11	80.7
Outputs of societal innovation	89	31.6
Trademark applications (per 100 billion GDP)	69	14
Cultural goods exports (% exports)	58	69.8
Printing and publishing output (% manufactured output)	81	11.1
Impact	9	45
Quality	31	34.7
Research institutions prominence	17	38.4
Growth of innovative companies	10	64.4
ISO 9001 quality certificates (per billion GDP)	67	11
ISO 14001 environmental certificates (per billion GDP) Linkages	30 6	24.9 49.8
GERD financed from abroad (%)	44	19.2
Joint ventures per strategic alliance deals (per billion GDP)	7	72.9
Computer software spending (% GDP)	16	57.4
Business development	25	50.4
New business density per thousand population	16	37.9
Firms with products and services new to the market (%)	67	62.8



SWEDEN

		(Valu
INFORMATION AND COMMUNICATIONS TECHNOLOGY	2	74.6
Infrastructure	15	74.5
Coverage	27	70.8
3G/4G mobile network coverage (% population)	1	100
Secure Internet servers per 1 million population	25	82.6
Investment in telecommunication services (% GDP)	45	29.8
Quality	11	61
Mobile upload and download speeds	12	39.6
Fixed-broadband upload and download speeds	16	60.6
Fixed-broadband subscriptions by speed per hundred people	16	82.9
Affordability	28	91.7
Fixed broadband basket (% GNI per capita)	39	76.8
Mobile broadband basket (% GNI per capita)	20	98.4
Internet and telephony competition	1	100
Access	10	68.1
Subscriptions	29	70.9
Active mobile-broadband subscriptions per hundred inhabitants	15	65.1
International Internet bandwidth per user	79	55.4
Households with Internet access at home (%)	42	92.1
Skills and employment	4	65.4
Individuals with standard ICT skills (%)	12	64.4
Tertiary graduates from ICT programmes (%)	31	39.4
ICT employment (%)	3	92.3
Usage	1	81.3
Services	8	76.7
Government online services	25	88.4
Fixed broadband Internet traffic per subscription	n/a	n/a
Mobile broadband Internet traffic per subscription	13	46.5
Internet users (%)	15	95.2
Outcomes	2	85.9
	2	
ICT PCT patent applications (per 100 billion GDP)	2	97.7
E-participation	33	79.5
E-participation Internet activities by individuals (%)	33 13	79.5 84.4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)	33 13 3	79.5 84.4 82
E-participation Internet activities by individuals (%)	33 13	79.5 84.4
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade)	33 13 3	79.5 84.4 82
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade) ECONOMY	33 13 3 12	79.5 84.4 82 68.7
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness Infrastructure investment	33 13 3 12 15	79.5 84.4 82 68.7 71.3
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness	33 13 3 12 15	79.5 84.4 82 68.7 71.3 64.4
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	33 13 3 12 15 17 28	79.5 84.4 82 68.7 71.3 64.4 47.1
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	33 13 3 12 15 17 28 7	79.5 84.4 82 68.7 71.3 64.4 47.1
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	33 13 3 12 15 17 28 7	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5
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	33 13 3 12 15 17 28 7 10	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60
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	33 13 3 12 15 17 28 7 10 109 13 32	79.5 84.4 82 68.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1
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	33 13 3 12 15 17 28 7 10 109 13 32 22	79.5 84.4 82 68.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16	79.5 84.4 82 68.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3
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)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5
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)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8
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 Entrepreneurial employee activity rate Extent of corporate transparency	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5
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) High-technology trade (% total trade) Product concentration Market concentration Financial openness	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6
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 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	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6	79.5 84.4 82 68.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 0.5 90.5 95.6 84
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 Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1	79.5 84.4 82 68.7 71.3 64.4 47.1 75. 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 30.8 90.5 95.6 84
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 Foreign direct investment, net inflows (% GDP) Debt dynamics	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 1 19 19	79.5 84.4 82 68.7 71.3 64.4 47.1 75. 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 30.8 90.5 95.6 84 100 52.1
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	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 19 11 19 10 10 10 10 10 10 10 10 10 10	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 52.1 100 62.6
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 Market concentration Financial openness Chinn-Ito financial openness Foreign direct investment, net inflows (% GDP) Debt dynamics Financing and domestic value added Financing and daxes	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 19 10 10 10 10 10 10 10 10 10 10	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 52.1 100 62.6 65
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 Domestic credit to private sector (% GDP)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8
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 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)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13 n/a	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8 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)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8
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 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) MSME financing gap (% GDP) Tax and contribution rate (% profit)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13 n/a	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8 n/a
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade) ECONOMY 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 (%)	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13 n/a 117	79.5 84.4 82 63.7 71.3 64.4 47.1 75 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8 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 (%) Domestic value added	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13 n/a 117 3	79.5 84.4 82 63.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8 n/a 44.7 99.3
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 Foreign direct investment, net inflows (% GDP) Debt dynamics Financing and domestic value added	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13 n/a 117 3 28	79.5 84.4 82 63.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 84 100 62.6 65 50.8 n/a 44.7 99.3 60.2
E-participation Internet activities by individuals (%) Trade in digitally deliverable services (% total trade) ECONOMY 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 OPEN ECONOMIC OPEN 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	33 13 3 12 15 17 28 7 10 109 13 32 22 16 12 8 22 45 30 18 9 6 1 19 1 21 37 13 n/a 117 3 28 13	79.5 84.4 82 63.7 71.3 64.4 47.1 75.5 60 78.3 93.1 84.9 49.3 85.7 72.3 60.5 25.1 30.8 90.5 95.6 62.6 65 50.8 n/a 44.7 99.3 60.2 53.8

	Rank Value	
ENABLING ENVIRONMENT	4	84.7
Governance	8	91.9
Political environment	8	88.4
Peace and stability	16	80.2
Voice and accountability	8	96.6
Quality of institutions	7	95.4
Rule of law	10	93.9
Control of corruption	6	97.6
Government effectiveness	9	94.8
Socio-economic	6	83.9
Gender equity	3	92.4
Female-to-male ratio in parliament	8	87.6
Female-to-male labour force participation	16	89.8
Female-to-male ratio in Internet usage	39	99.8
Social inclusion	2	97.7
Social protection coverage (% population)	1	100
Adult literacy rate	n/a	n/a
Youth not in employment, education or training (%)	4	95.5
Standard of living	14	61.7
Poverty headcount ratio (% population)	37	75.2
GDP per capita	15	48.1
Health and environment	4	78.1
Health	5	92
Universal health coverage	16	85.3
Healthy life expectancy (years)	7	91.3
Under-five mortality rate	6	99.5
Environmental performance	40	64.2
Renewable energy consumption (%)	32	60.1
Ecological footprint per capita	114	57.6
Natural hazard exposure	23	75

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