

GKI RANK 32/141 GKI SCORE

59.1

WORLD **AVERAGE**

47.8

COUNTRY PERFORMANCE SUMMARY

Italy is a strong performer in terms of its knowledge infrastructure. It ranks 32nd out of 141 countries in the Global Knowledge Index 2024 and 32nd out of the 59 countries with very high human development.

ITALY

KEY INDICATORS

GDP (US\$ billions): 3,096.709 Population: 59,499,453

HDI: 0.906

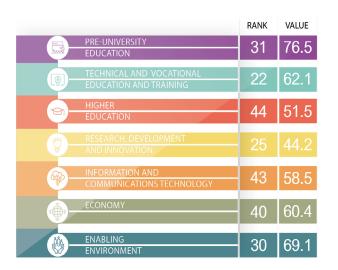
AREAS OF STRENGTH

- Product concentration
- ISO 9001 quality certificates (per billion GDP)
- Academic freedom
- Industrial design applications (per 100 billion GDP)
- Share of TVET occupations

AREAS OF IMPROVEMENT

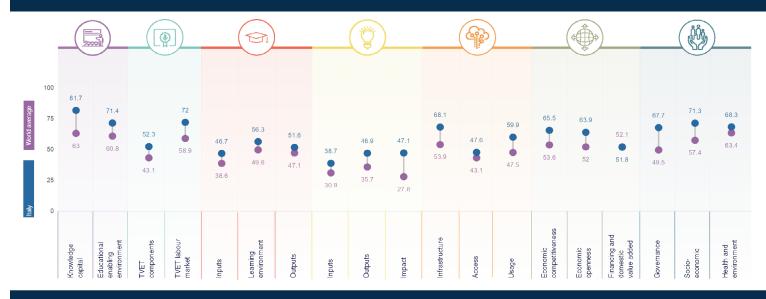
- Tertiary graduates from ICT programmes (%)
- Tax and contribution rate (% profit)
- Firms offering formal training (%)
- Firms producing new products and services (%)
- Enrolment in vocational education, gender parity

SECTORAL INDICES





GKI PILLARS





ITALY

RECUNIVERSITY EDUCATION 31 76.5 Knowledge capital 25 81.7 Enrolment 35 95.3 Net enrolment rate in primary education 54 96.8 Net enrolment rate in primary education 29 49.3 Net enrolment rate in upper secondary education 29 49.3 Completion rate in upper secondary education 29 86.4 Completion rate in upper secondary education 41 67.3 Completion rate in upper secondary education 41 67.3 Completion rate in upper secondary education 42 67.7 Assessment of 15-year-old students in math, science and reading 30 57.7 Assessment of 15-year-old students in math, science and reading 30 57.7 Assessment of 15-year-old students in math, science and reading 30 57.7 Assessment of 15-year-old students in math, science and reading 30 57.7 Assessment of 15-year-old students in math, science and reading 30 57.2 Learning-adjusted years of schooling 42 71.4 Education of the science and reading 30 </th <th></th> <th>Rank</th> <th>. Value</th>		Rank	. Value
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Gross intake ratio to the last grade of lower secondary education 41 67.3 counts intake ratio to the last grade of lower secondary education 33 67.7 sasessment of 15-year-old students in math, science and reading 30 57.7 steaming-adjusted years of schooling 34 77.7 Educational enabling environment 48 71.4 Expenditure 39 43.6 Government expenditure on primary education (% GDP) 34 35.9 Government expenditure on primary education (% GDP) 34 36.9 Government funding per primary student (% GDP per capita) 9 66.8 Government funding per primary student (% GDP per capita) 9 66.8 Government funding per primary student (% GDP per capita) 35 43.4 Resources 91 70.6 Pupil-trained teacher ratio in primary education 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	Completion rate in upper secondary education	29	86.4
Assessment of 15-year-old students in math, science and reading 30 57.7 Learning-adjusted years of schooling 34 77.7 Learning-adjusted years of schooling 34 77.7 Learning-adjusted years of schooling 39 43.6 Government expenditure on primary education (% GDP) 84 27.1 Government expenditure on secondary education (% GDP) 94 36.9 Government tynding per primary student (% GDP) 95 68.8 Government funding per primary student (% GDP) 97.0 Government funding per primary student (% GDP) 97.0 Government funding per secondary student (% GDP) 97.0 Government ratio in primary student (% GDP) 97.0 Government ratio in secondary student (% GDP) 97.0 Government secondary student (% GDP) 97.0 Government secondary student (% GDP) 97.0 Government secondary student parity 97.0 Government secondary student (%) 10.0 Government secondary student on a student service in upper secondary students on a student service in secondary students on a students service in secondar	Gross intake ratio to the last grade of lower secondary education	41	67.3
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Educational enabling environment 48 71.4 Expenditure 39 43.6 Government expenditure on primary education (% GDP) 44 36.9 Government expenditure on secondary education (% GDP) 44 36.9 Government funding per primary student (% GDP per capita) 50-environment funding per primary student (% GDP per capita) 50-environment funding per secondary student (% GDP per capita) 50-environment funding per secondary student (% GDP per capita) 50-environment funding per secondary student (% GDP per capita) 50-environment funding per secondary education 60-environment funding per secondary education 61 70.6 82 44.3 83-chools with access to computers in primary education (%) 82 44.3 83-chools with access to computers in secondary education (%) 83 97 Early learning 63 75.2 63-cross enrollment ratio in early childhood education 64 75.2 64 75.2 65 997 Facity learning 65 997 Facity learning 67 75.2 67 899	Learning-adjusted years of schooling	34	77.7
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Sovernment expenditure on primary education (% GDP) 84 27.1 Government expenditure on secondary education (% GDP) 44 36.9 Government funding per primary student (% GDP per capita) 9 66.8 Government funding per secondary student (% GDP per capita) 35 43.4 Resources 91 70.6 Pupil-trained teacher ratio in primary education n/a n/a n/a 19.1 Pupil-trained teacher ratio in primary education n/a n/a 19.1 Pupil-trained teacher ratio in secondary education (%) 82 44.3 Schools with access to computers in primary education (%) 59 97 Early learning 30 75.2 Gross enrolment ratio in early childhood education 14 75.2 Proportion of children who are developmentally on track n/a n/a n/a 19.1 Proportion of children who are developmentally on track n/a n/a 19.1 Pupil-trained teacher ratio in pre-primary education 17.2 Pupil-trained teacher ratio in pre-primary education 18.1 Pupil-trained teacher ratio in pre-primary education 19.1 Pupil-trained 19.1 Pu	•	39	43.6
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Completion rate in upper secondary education, location parity TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING 22 62.1 TVET components 27 52.3 Continuous training and skilling 98 37.1 Firms offering formal training (%) Labour force participation rate with short-cycle tertiary education 34 79 Participation rate in formal and non-formal education and training 91 20.8 TVET structure 7 75.6 Government expenditure on vocational education (%) n/a n/a Share of students enrolled in secondary vocational programmes 15 51.1 Share of students enrolled in post-secondary vocational programmes 1 100 TVET quality and qualifications 56 44.1 Extent of staff training Causilty of vocational training Ratio of high-skill TVET occupations earnings to average wage 74 23.4 Ratio of medium-skill TVET occupations earnings to average wage 50 31.1 TVET labour market Efficiency of the labour market Firms constrained with inadequately educated workforce (%) 47 78.5 Employment educational mismatch (%) Proportion of skilled production workers Unemployment rate with vocational education 62 81 Post-TVET employment 84.1 Manufacturing employment (%) Enrolment in vocational education, gender parity 94 61.1	Pupil-trained teacher ratio in pre-primary education Equity and inclusiveness	n/a 15	n/a 96.1
TVET components 27 52.3 Continuous training and skilling 86 37.1 Firms offering formal training (%) Labour force participation rate with short-cycle tertiary education 34 79 Participation rate in formal and non-formal education and training 91 20.8 TVET structure 7 75.6 Government expenditure on vocational education (%) In/a n/a Share of students enrolled in secondary vocational programmes 15 51.1 Share of students enrolled in post-secondary vocational programmes 1 100 TVET quality and qualifications 56 44.1 Extent of staff training Quality of vocational training Ratio of high-skill TVET occupations earnings to average wage 74 23.4 Ratio of medium-skill TVET occupations earnings to average wage 50 31.1 TVET labour market 62 70.4 Firms constrained with inadequately educated workforce (%) 47 78.5 Employment educational mismatch (%) Proportion of skilled production workers 93 47.6 Unemployment rate with vocational education 62 81 Prost-TVET employment 53 72.4 Enrolment in vocational education, gender parity 94 61.1	Proportion of children with stimulating home learning environments Pupil-trained teacher ratio in pre-primary education Equity and inclusiveness Completion rate in upper secondary education, gender parity Completion rate in upper secondary education, wealth parity	n/a 15 46	n/a 96.1 92.2
Continuous training and skilling Firms offering formal training (%) Labour force participation rate with short-cycle tertiary education 34 79 Participation rate in formal and non-formal education and training 91 20.8 ITVET structure 7 75.6 Government expenditure on vocational education (%) N/a n/a Share of students enrolled in secondary vocational programmes 15 51.1 Share of students enrolled in post-secondary vocational programmes 1 100 ITVET quality and qualifications 56 44.1 Extent of staff training 56 60.4 Quality of vocational training Ratio of high-skill TVET occupations earnings to average wage 74 23.4 Ratio of medium-skill TVET occupations earnings to average wage 50 31.1 ITVET labour market 62 70.4 Firms constrained with inadequately educated workforce (%) 47 78.5 Employment educational mismatch (%) Proportion of skilled production workers 93 47.6 Unemployment rate with vocational education 62 81 Post-TVET employment 7 73.2 Share of TVET occupations 6 84.1 Manufacturing employment (%) 44 62.2 Equity and inclusiveness 65 72.4 Enrolment in vocational education, gender parity 94 61.1	Pupil-trained teacher ratio in pre-primary education Equity and inclusiveness Completion rate in upper secondary education, gender parity	n/a 15 46 n/a	n/a 96.1 92.2 n/a
109	Pupil-trained teacher ratio in pre-primary education Equity and inclusiveness Completion rate in upper secondary education, gender parity Completion rate in upper secondary education, wealth parity Completion rate in upper secondary education, location parity	n/a 15 46 n/a	n/a 96.1 92.2 n/a 100
Labour force participation rate with short-cycle tertiary education 34 79 Participation rate in formal and non-formal education and training 91 20.8 IVET structure 7 75.6 Government expenditure on vocational education (%) n/a n/a Share of students enrolled in secondary vocational programmes 15 51.1 Share of students enrolled in post-secondary vocational programmes 1 100 IVET quality and qualifications 56 44.1 Extent of staff training 56 60.4 Quality of vocational training 39 61.4 Ratio of high-skill TVET occupations earnings to average wage 74 23.4 Ratio of medium-skill TVET occupations earnings to average wage 50 31.1 TVET labour market 62 70.4 Firms constrained with inadequately educated workforce (%) 47 78.5 Employment educational mismatch (%) 39 74.4 Proportion of skilled production workers 93 47.6 Unemployment rate with vocational education 62 81 Post-TVET employment 7	Pupil-trained teacher ratio in pre-primary education Equity and inclusiveness Completion rate in upper secondary education, gender parity Completion rate in upper secondary education, wealth parity Completion rate in upper secondary education, location parity TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	n/a 15 46 n/a 1	n/a 96.1 92.2 n/a 100 62.1
Participation rate in formal and non-formal education and training 91 20.8 IVET structure 7 75.6 Government expenditure on vocational education (%) n/a n/a Share of students enrolled in secondary vocational programmes 15 51.1 Share of students enrolled in post-secondary vocational programmes 1 100 IVET quality and qualifications 56 44.1 Extent of staff training 56 60.4 Quality of vocational training 39 61.4 Ratio of high-skill TVET occupations earnings to average wage 74 23.4 Ratio of medium-skill TVET occupations earnings to average wage 50 31.1 IVET labour market 21 72 Efficiency of the labour market 62 70.4 Firms constrained with inadequately educated workforce (%) 47 78.5 Employment educational mismatch (%) 39 74.4 Proportion of skilled production workers 93 47.6 Unemployment rate with vocational education 62 81 Post-TVET employment 7 73.2 Share of TVET occupations 65 72.4 Enrolment in vocational education, gender parity 94 61.1	Pupil-trained teacher ratio in pre-primary education Equity and inclusiveness Completion rate in upper secondary education, gender parity Completion rate in upper secondary education, wealth parity Completion rate in upper secondary education, location parity TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING TVET components	n/a 15 46 n/a 1 22 27	n/a 96.1 92.2 n/a 100 62.1 52.3
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	Rank	Value
HIGHER EDUCATION	44	51.5
Inputs	39	46.7
Expenditure	54	30.7
Government expenditure per tertiary student	31	22.7
Teaching staff compensation (% tertiary expenditure)	49	38.8
Enrolment Enrolment in bachelor's or equivalent level (%)	8 46	57.2 30.1
Enrolment in master's, doctoral or equivalent (%)	6	84.2
Resources	97	52.3
Pupil-teacher ratio in tertiary education	83	67.3
Researchers in higher education (%)	68	37.2
Learning environment	57	56.3
Diversity and academic freedom Teachers in tertiary education, gender parity	60 67	56.3 63.8
Inbound mobility rate	59	10.3
Academic freedom	5	94.7
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 54	n/a
Outputs Attainment	58	51.6 27.3
Educational attainment rate, bachelor's or equivalent	73	26.8
Educational attainment rate, master's or equivalent	35	43.6
Educational attainment rate, doctoral or equivalent	63	11.4
Employment	67	80.6
Labour force participation rate with advanced education	84	73.3
Unemployment rate with advanced education	52 37	87.9 47
Impact University-industry collaboration in R&D	28	60.8
Citable documents per R&D personnel in higher education	24	33.3
RESEARCH, DEVELOPMENT AND INNOVATION	25	44.2
Inputs	33	38.7
Inputs of R&D institutions	39	39
GERD (% GDP)	28	26
GERD per researcher	26	34.5
Researchers per thousand labour force Tertiary graduates from STEM programmes (%)	30 55	38.5 56.9
Inputs of RDI in business enterprises	35	37.9
GERD performed by business enterprises (%)	22	19.7
GERD financed by business enterprises (%)	19	66.4
Researchers in business enterprises (%)	29	53
Firms that spend on R&D (%)	89	12.4
High-skilled employment (%)	52	37.9
Intellectual property payments (% total trade)	53	17.8
State of cluster development	25	61.3
Outputs	24	46.9
Outputs of R&D institutions	24	51.3
Average documents per researcher	23	32
Citations per document Resident patent applications (per 100 billion GDP)	33 17	51.9 70.1
Outputs of RDI in business enterprises	25	43.7
Intellectual property receipts (% total trade)	19	40.6
Industrial design applications (per 100 billion GDP)	5	94
PCT applications (per 100 billion GDP)	28	24.8
Firms producing new products and services (%)	96	15.6
Outputs of societal innovation Trademark applications (per 100 billion GDP)	39 48	18.3
Cultural goods exports (% exports)	18	88.4
Printing and publishing output (% manufactured output)	53	16.7
Impact	7	47.1
Quality	1	69.1
Research institutions prominence	9	68.8
Growth of innovative companies	41	53
ISO 9001 quality certificates (per billion GDP) ISO 14001 environmental certificates (per billion GDP)	3 10	96.9 57.8
Linkages	30	32.3
GERD financed from abroad (%)	35	22.3
Joint ventures per strategic alliance deals (per billion GDP)	45	10.5
Computer software spending (% GDP)	6	64.1
Business development New business density per thousand population	59 54	39.9
New business density per thousand population Firms with products and services new to the market (%)	45	68.1



ITALY

	Rank Valu
INFORMATION AND COMMUNICATIONS TECHNOLOGY	43 58.5
Infrastructure	35 68.1
Coverage	23 71.6
3G/4G mobile network coverage (% population)	1 100
Secure Internet servers per 1 million population	34 78.9
Investment in telecommunication services (% GDP)	33 35.8
Quality	40 41.5
Mobile upload and download speeds	51 18.6
Fixed-broadband upload and download speeds	36 37.6
Fixed-broadband subscriptions by speed per hundred people	32 68.3
Affordability	32 91.2
Fixed broadband basket (% GNI per capita)	29 78.8
Mobile broadband basket (% GNI per capita)	30 97.8
Internet and telephony competition	80 96.9
Access	57 47.6
Subscriptions	76 60.5
Active mobile-broadband subscriptions per hundred inhabitants	65 48
International Internet bandwidth per user	105 50.1
Households with Internet access at home (%)	67 83.5
Skills and employment	51 34.7
Individuals with standard ICT skills (%)	27 51.3
Tertiary graduates from ICT programmes (%)	112 8.9
ICT employment (%)	34 44
Usage	37 59.9
Services	44 59.4
Government online services	59 76.2
Fixed broadband Internet traffic per subscription	44 32.6
Mobile broadband Internet traffic per subscription	16 43.2
Internet users (%)	51 85.6
Outcomes	35 60.4
ICT PCT patent applications (per 100 billion GDP)	32 59.4
E-participation	EO CE O
	59 65.8
Internet activities by individuals (%)	41 62.4
Trade in digitally deliverable services (% total trade)	41 62.4 26 53.9
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Trade in digitally deliverable services (% total trade) ECONOMY	41 62.4 26 53.9 40 60.4
Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness	41 62.4 26 53.9 40 60.4 27 65.5
Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness Infrastructure investment	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6
Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP)	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9
Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5
Trade in digitally deliverable services (% total trade) ECONOMY Economic competitiveness Infrastructure investment Gross fixed capital formation (% GDP) Logistics performance Transport productive capacity	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1 1 100 31 63.9
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)	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 1 100 31 63.9 33 58.1
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)	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 1 100 31 63.9 33 58.1 87 14.5
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)	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1 1 100 31 63.9 33 58.1 87 14.5 36 28.5
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1 1 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 1 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1 1 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 1 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6 1 100
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)	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1 1 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6 1 100 92 38.7
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	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 11 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6 1 100 92 38.7 55 70
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 Financing and domestic value added	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 18 47.1 1 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6 1 100 92 38.7 55 70 73 51.8
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 Financing and domestic value added Financing and taxes	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 11 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6 1 100 92 38.7 55 70 73 51.8
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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 Financing and domestic value added Financing and taxes Domestic credit to private sector (% GDP)	41 62.4 26 53.9 40 60.4 27 65.5 54 54.6 86 36.9 17 67.5 71 40.6 74 73.3 19 76.3 78 86.8 33 71.4 11 100 31 63.9 33 58.1 87 14.5 36 28.5 2 93.8 10 95.6 43 69.6 1 100 92 38.7 55 70 73 51.8 117 48.3 46 26.1 n/a n/a
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	Rank	Rank Value	
ENABLING ENVIRONMENT	30	69.1	
Governance	42	67.7	
Political environment	32	70.5	
Peace and stability	49	58.5	
Voice and accountability	23	82.6	
Quality of institutions	45	64.8	
Rule of law	54	58.5	
Control of corruption	43	68.9	
Government effectiveness	48	67	
Socio-economic	30	71.3	
Gender equity	59	71.8	
Female-to-male ratio in parliament	51	47.7	
Female-to-male labour force participation	96	69.9	
Female-to-male ratio in Internet usage	65	97.9	
Social inclusion	28	87.9	
Social protection coverage (% population)	33	88.5	
Adult literacy rate	19	98.6	
Youth not in employment, education or training (%)	48	76.6	
Standard of living	33	54.2	
Poverty headcount ratio (% population)	53	69	
GDP per capita	24	39.4	
Health and environment	34	68.3	
Health	13	90.9	
Universal health coverage	24	83.8	
Healthy life expectancy (years)	13	89.4	
Under-five mortality rate	8	99.4	
Environmental performance	115	45.8	
Renewable energy consumption (%)	91	18.2	
Ecological footprint per capita	97	69.1	
Natural hazard exposure	107	50	

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