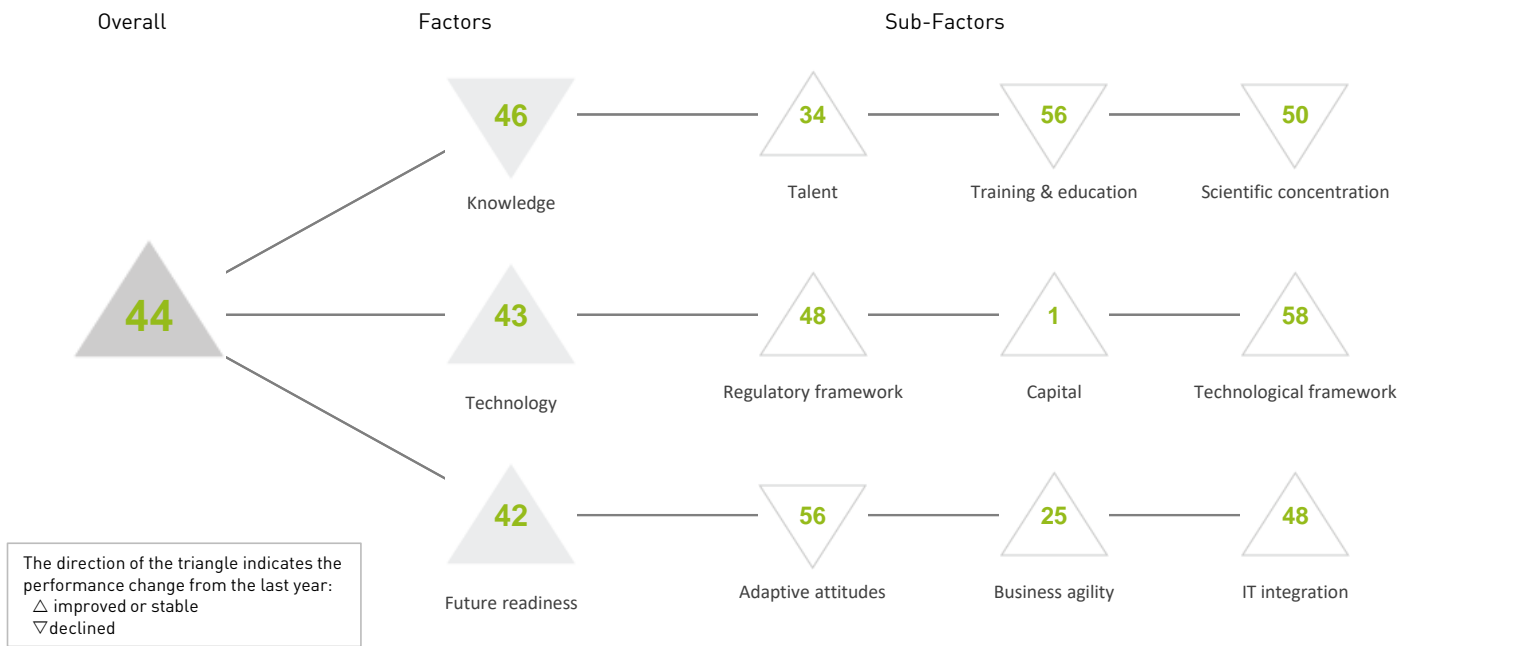


INDIA

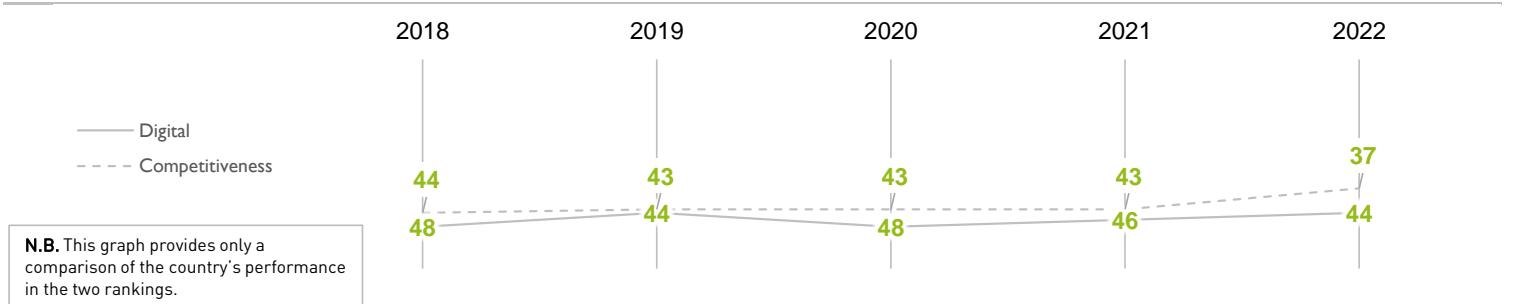
OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

	2018	2019	2020	2021	2022
OVERALL	48	44	48	46	44
Knowledge	46	38	39	41	46
Technology	53	49	50	44	43
Future readiness	48	46	56	50	42

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)



POPULATIONS > 20 MILLION (27 countries)



▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	43	38	41	38	34
Training & education	59	47	51	43	56
Scientific concentration	26	28	29	47	50

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	-	Employee training	27	Total expenditure on R&D (%)	48
International experience	25	Total public expenditure on education	44	Total R&D personnel per capita	52
Foreign highly-skilled personnel	41	Higher education achievement	58	Female researchers	-
Management of cities	52	Pupil-teacher ratio (tertiary education)	56	▶ R&D productivity by publication	02
Digital/Technological skills	17	▶ Graduates in Sciences	06	▷ Scientific and technical employment	59
Net flow of international students	44	Women with degrees	56	High-tech patent grants	50
				Robots in Education and R&D	23

TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	56	55	53	52	48
Capital	03	03	07	04	01
Technological framework	62	62	62	62	58

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	56	▶ IT & media stock market capitalization	09	Communications technology	33
▷ Enforcing contracts	62	Funding for technological development	23	Mobile Broadband subscribers	49
Immigration laws	35	▶ Banking and financial services	11	▷ Wireless broadband	61
Development & application of tech.	22	Country credit rating	51	▷ Internet users	63
Scientific research legislation	29	Venture capital	16	Internet bandwidth speed	49
Intellectual property rights	40	▶ Investment in Telecommunications	01	High-tech exports (%)	40

FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	54	54	55	55	56
Business agility	33	29	52	36	25
IT integration	56	56	55	51	48

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
E-Participation	27	Opportunities and threats	12	E-Government	58
Internet retailing	58	World robots distribution	12	Public-private partnerships	19
▷ Tablet possession	59	Agility of companies	17	Cyber security	23
Smartphone possession	52	Use of big data and analytics	13	Software piracy	49
Attitudes toward globalization	16	Knowledge transfer	27	Government cyber security capacity	31
		Entrepreneurial fear of failure	48	Privacy protection by law content	48