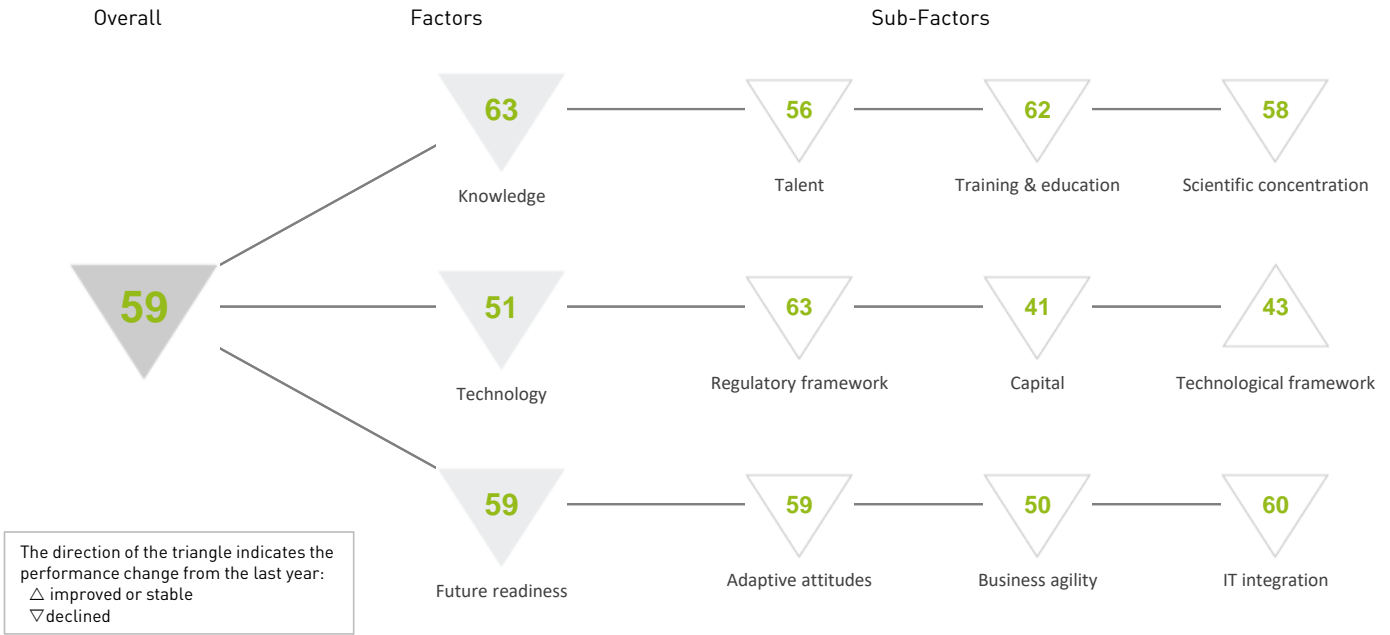


PHILIPPINES

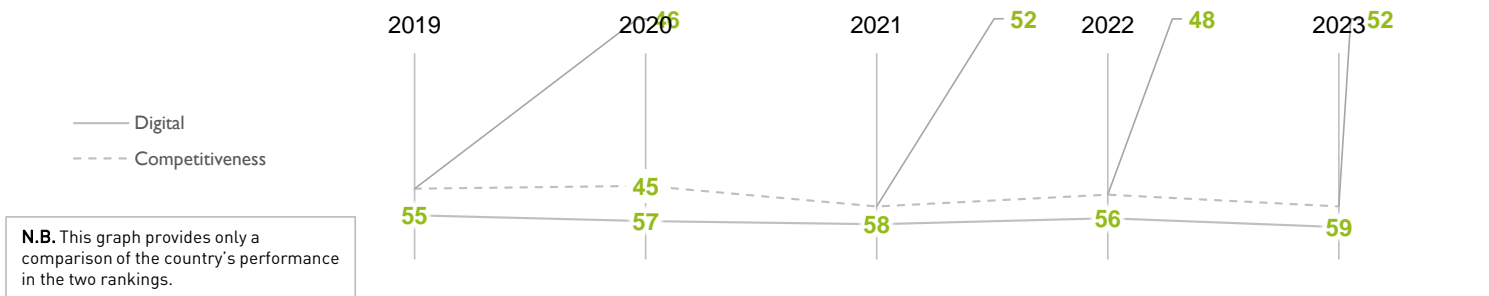
OVERALL PERFORMANCE (64 countries)



OVERALL & FACTORS - 5 years

	2019	2020	2021	2022	2023
OVERALL	55	57	58	56	59
Knowledge	51	62	63	62	63
Technology	55	53	54	49	51
Future readiness	54	54	57	58	59

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)



POPULATIONS > 20 MILLION (27 countries)



PHILIPPINES

► Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2019	2020	2021	2022	2023
Talent	41	55	55	55	56
Training & education	54	59	61	61	62
Scientific concentration	54	56	56	57	58

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	57	Employee training	37	Total expenditure on R&D (%)	53
International experience	44	Total public expenditure on education	58	Total R&D personnel per capita	55
Foreign highly skilled personnel	46	Higher education achievement	57	► Female researchers	02
Management of cities	50	Pupil-teacher ratio (tertiary education)	51	R&D productivity by publication	37
Digital/Technological skills	46	Graduates in Sciences	34	Scientific and technical employment	58
Net flow of international students	40	▷ Women with degrees	59	High-tech patent grants	37
				Robots in Education and R&D	52

TECHNOLOGY

Sub-Factors	2019	2020	2021	2022	2023
Regulatory framework	60	62	62	62	63
Capital	40	39	40	40	41
Technological framework	51	49	49	45	43

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
▷ Starting a business	63	IT & media stock market capitalization	35	▷ Communications technology	63
▷ Enforcing contracts	62	Funding for technological development	55	Mobile broadband subscribers	52
Immigration laws	38	Banking and financial services	32	Wireless broadband	33
Development & application of tech.	53	Country credit rating	46	▷ Internet users	59
Scientific research legislation	53	Venture capital	52	Internet bandwidth speed	44
Intellectual property rights	59	► Investment in Telecommunications	09	► High-tech exports (%)	02

FUTURE READINESS

Sub-Factors	2019	2020	2021	2022	2023
Adaptive attitudes	53	57	60	58	59
Business agility	42	32	37	45	50
IT integration	58	56	57	57	60

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
E-Participation	56	Opportunities and threats	46	E-Government	58
Internet retailing	56	World robots distribution	39	► Public-private partnerships	31
Tablet possession	54	Agility of companies	49	Cyber security	56
Smartphone possession	52	Use of big data and analytics	38	Software piracy	55
► Attitudes toward globalization	22	Knowledge transfer	51	Government cyber security capacity	54
		Entrepreneurial fear of failure	-	Privacy protection by law content	42