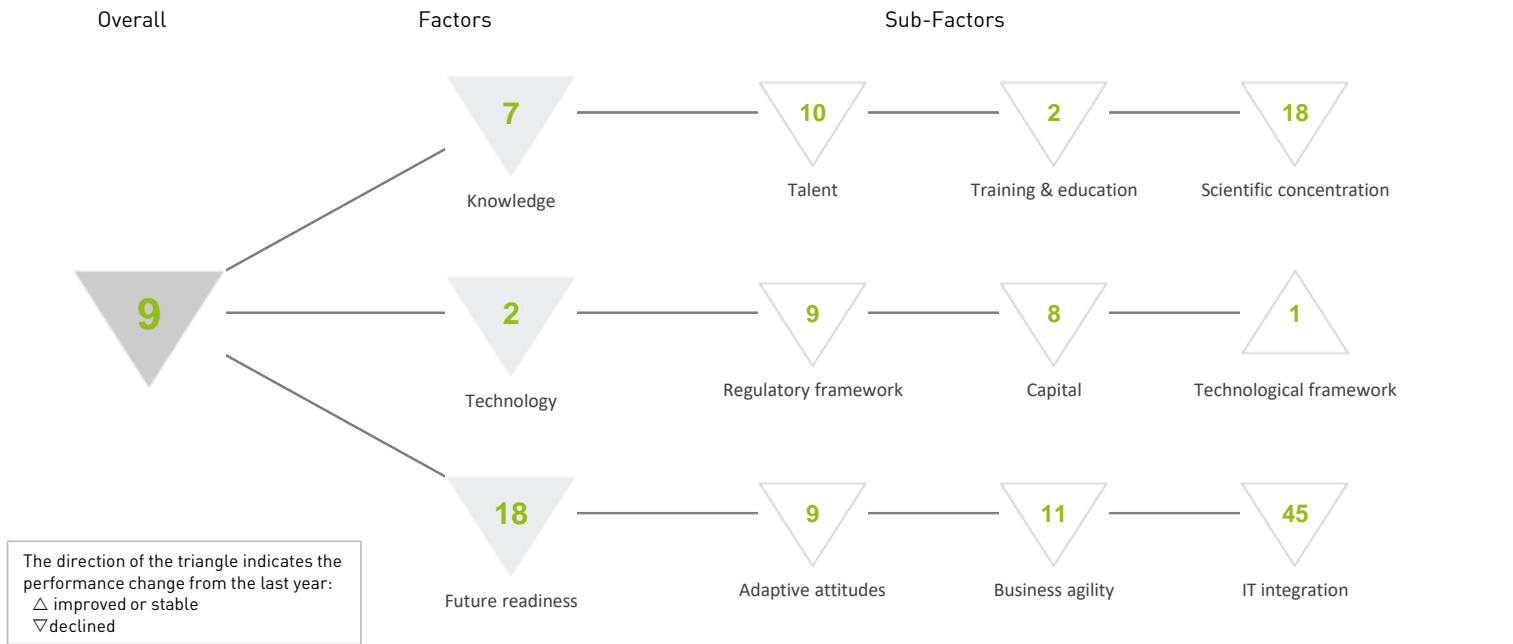


# HONG KONG SAR

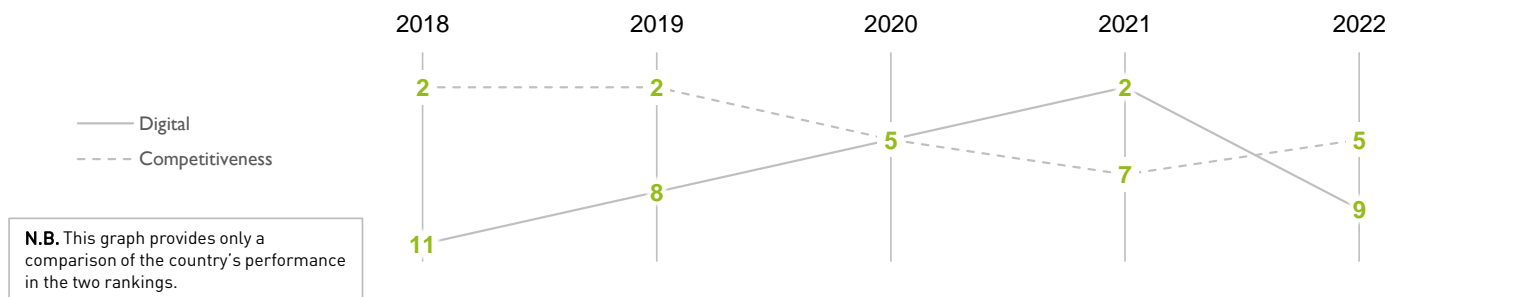
## OVERALL PERFORMANCE (63 countries)



## OVERALL & FACTORS - 5 years

	2018	2019	2020	2021	2022
OVERALL	11	08	05	02	09
Knowledge	05	07	07	05	07
Technology	06	04	02	01	02
Future readiness	24	15	10	10	18

## COMPETITIVENESS & DIGITAL RANKINGS



## PEER GROUPS RANKINGS

### ASIA - PACIFIC (14 countries)



### POPULATIONS < 20 MILLION (36 countries)



## HONG KONG SAR

▶ Overall Top Strengths

▷ Overall Top Weaknesses

## KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	05	04	07	06	10
Training & education	13	12	05	01	02
Scientific concentration	05	16	17	14	18

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	03	Employee training	32	▷ Total expenditure on R&D (%)	41
International experience	10	Total public expenditure on education	37	Total R&D personnel per capita	30
Foreign highly-skilled personnel	33	Higher education achievement	07	Female researchers	-
Management of cities	12	Pupil-teacher ratio (tertiary education)	28	R&D productivity by publication	24
Digital/Technological skills	15	▶ Graduates in Sciences	01	Scientific and technical employment	08
Net flow of international students	30	Women with degrees	-	▶ High-tech patent grants	02
				▷ Robots in Education and R&D	53

## TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	14	12	07	06	09
Capital	06	06	12	07	08
Technological framework	11	03	02	01	01

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	04	IT & media stock market capitalization	05	Communications technology	10
Enforcing contracts	24	Funding for technological development	13	Mobile Broadband subscribers	18
Immigration laws	10	Banking and financial services	07	Wireless broadband	05
Development & application of tech.	14	Country credit rating	17	Internet users	22
Scientific research legislation	22	Venture capital	08	Internet bandwidth speed	07
Intellectual property rights	10	▷ Investment in Telecommunications	40	▶ High-tech exports (%)	01

## FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	11	12	04	03	09
Business agility	26	08	14	09	11
IT integration	25	22	19	17	45

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
E-Participation	-	▶ Opportunities and threats	02	E-Government	-
Internet retailing	20	World robots distribution	37	Public-private partnerships	14
Tablet possession	10	Agility of companies	04	Cyber security	07
▶ Smartphone possession	01	Use of big data and analytics	12	Software piracy	28
Attitudes toward globalization	08	Knowledge transfer	17	▷ Government cyber security capacity	48
		Entrepreneurial fear of failure	-	▷ Privacy protection by law content	63