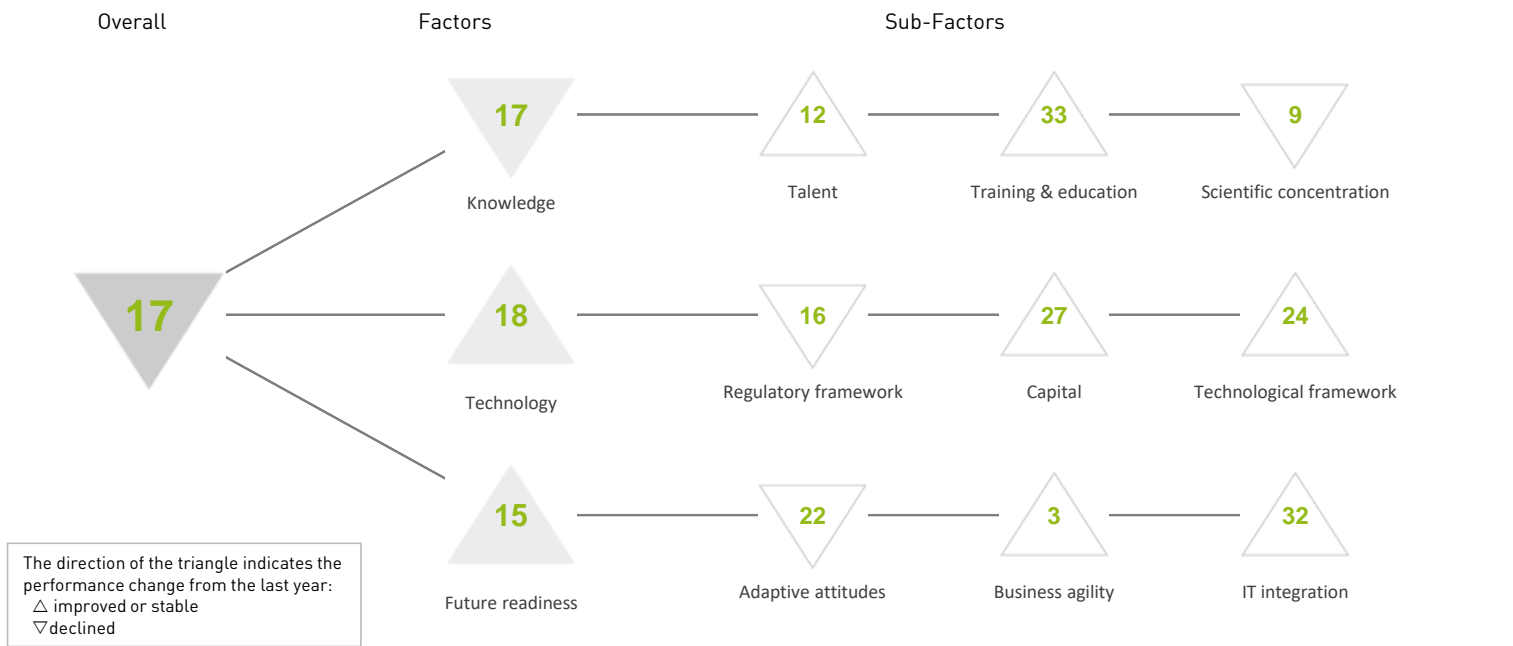


# CHINA

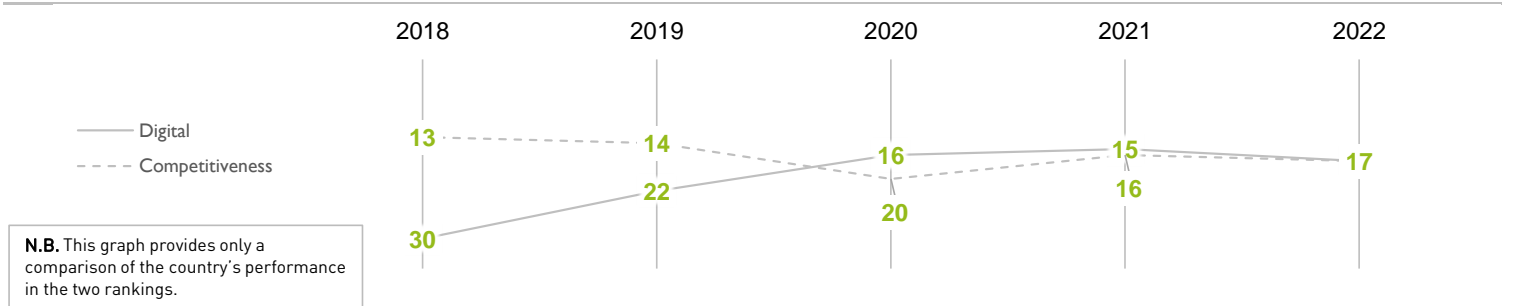
## OVERALL PERFORMANCE (63 countries)



## OVERALL & FACTORS - 5 years

	2018	2019	2020	2021	2022
OVERALL	30	22	16	15	17
Knowledge	30	18	08	06	17
Technology	34	26	27	20	18
Future readiness	28	21	18	17	15

## 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	18	19	13	12	12
Training & education	46	37	40	35	33
Scientific concentration	21	09	02	01	09

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
► Educational assessment PISA - Math	01	Employee training	11	Total expenditure on R&D (%)	14
International experience	47	▷ Total public expenditure on education	53	Total R&D personnel per capita	36
Foreign highly-skilled personnel	35	Higher education achievement	16	▷ Female researchers	51
Management of cities	08	Pupil-teacher ratio (tertiary education)	40	► R&D productivity by publication	01
Digital/Technological skills	12	Graduates in Sciences	-	Scientific and technical employment	49
Net flow of international students	46	Women with degrees	-	High-tech patent grants	07
				► Robots in Education and R&D	01

## TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	26	20	18	15	16
Capital	30	32	31	27	27
Technological framework	40	32	32	28	24

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	16	IT & media stock market capitalization	24	Communications technology	11
Enforcing contracts	05	Funding for technological development	17	Mobile Broadband subscribers	05
Immigration laws	36	Banking and financial services	40	Wireless broadband	20
Development & application of tech.	16	Country credit rating	26	▷ Internet users	53
Scientific research legislation	19	Venture capital	31	Internet bandwidth speed	33
Intellectual property rights	36	Investment in Telecommunications	34	High-tech exports (%)	08

## FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	23	24	17	19	22
Business agility	19	01	04	03	03
IT integration	41	41	35	32	32

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
E-Participation	09	Opportunities and threats	13	E-Government	40
Internet retailing	25	► World robots distribution	01	Public-private partnerships	06
Tablet possession	38	Agility of companies	22	Cyber security	10
Smartphone possession	43	Use of big data and analytics	05	▷ Software piracy	56
Attitudes toward globalization	12	Knowledge transfer	20	► Government cyber security capacity	03
		Entrepreneurial fear of failure	25	▷ Privacy protection by law content	59