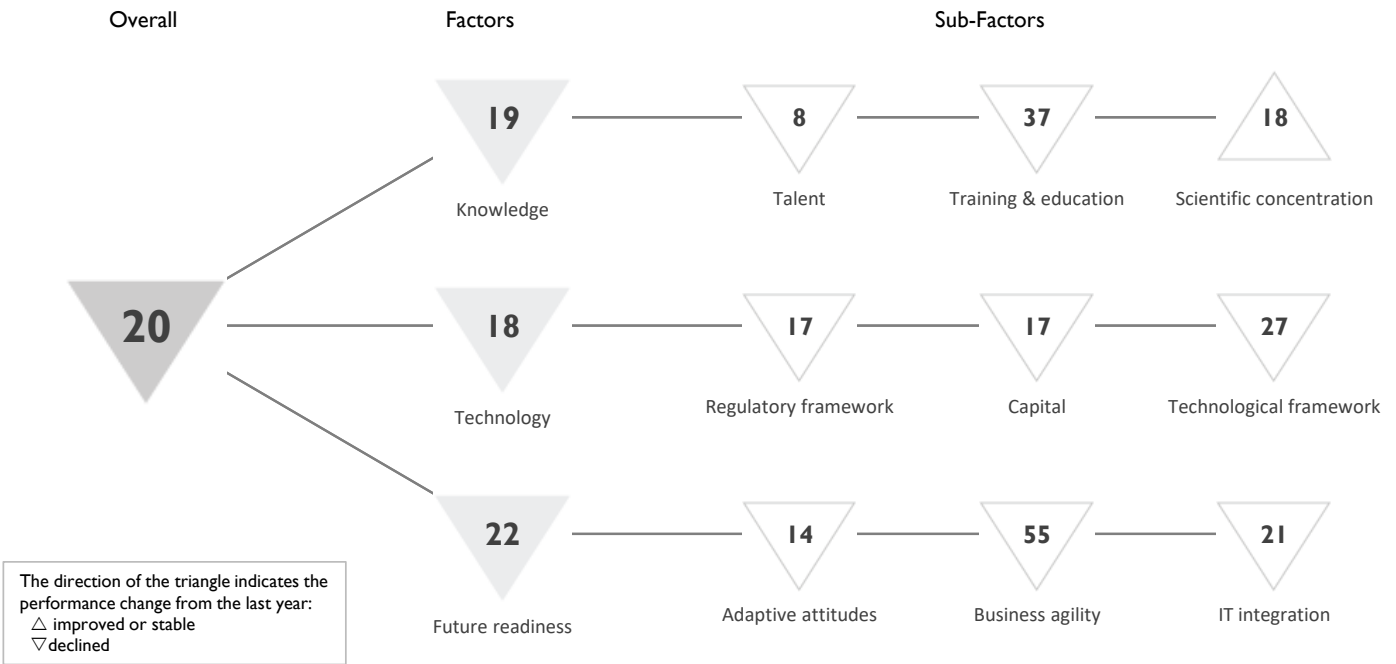


# AUSTRALIA

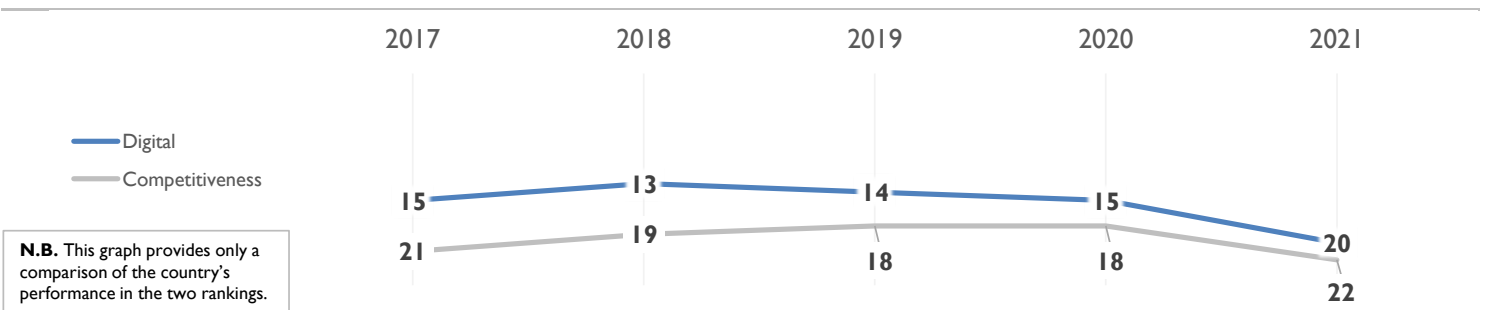
## OVERALL PERFORMANCE (64 countries)



### OVERALL & FACTORS - 5 years

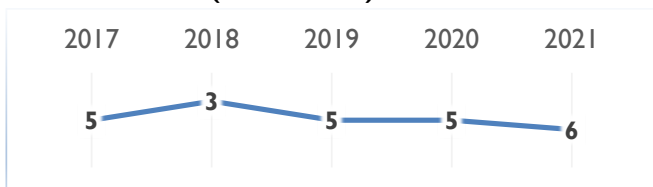
	2017	2018	2019	2020	2021
OVERALL	15	13	14	15	20
Knowledge	18	15	15	17	19
Technology	15	14	14	14	18
Future readiness	14	11	14	17	22

### COMPETITIVENESS & DIGITAL RANKINGS

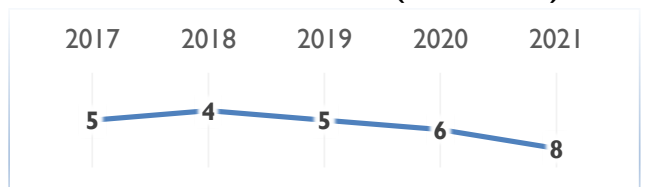


### PEER GROUPS RANKINGS

#### ASIA - PACIFIC (14 countries)



#### POPULATIONS > 20 MILLION (29 countries)



- ▶ Overall top strengths
- ▷ Overall top weaknesses

## KNOWLEDGE

Subfactors	2017	2018	2019	2020	2021
Talent	8	8	7	6	8
Training & education	51	32	29	28	37
Scientific concentration	14	11	13	19	18

Talent	Rank
Educational assessment PISA - Math	28
International experience	45
Foreign highly-skilled personnel	11
Management of cities	24
Digital/Technological skills	44
▶ Net flow of international students	2

Training & education	Rank
▷ Employee training	58
Total public expenditure on education	22
Higher education achievement	15
Pupil-teacher ratio (tertiary education)	-
▷ Graduates in Sciences	58
Women with degrees	12

Scientific concentration	Rank
Total expenditure on R&D (%)	21
Total R&D personnel per capita	-
Female researchers	-
R&D productivity by publication	17
Scientific and technical employment	13
High-tech patent grants	41
Robots in Education and R&D	22

## TECHNOLOGY

Subfactors	2017	2018	2019	2020	2021
Regulatory framework	11	6	7	6	17
Capital	16	18	19	13	17
Technological framework	21	19	17	20	27

Regulatory framework	Rank
▶ Starting a business	5
Enforcing contracts	6
Immigration laws	33
Development & application of tech.	28
Scientific research legislation	29
Intellectual property rights	20

Capital	Rank
IT & media stock market capitalization	38
Funding for technological development	37
Banking and financial services	29
Country credit rating	11
Venture capital	31
Investment in Telecommunications	8

Technological framework	Rank
▷ Communications technology	57
Mobile Broadband subscribers	8
Wireless broadband	12
Internet users	31
Internet bandwidth speed	42
High-tech exports (%)	17

## FUTURE READINESS

Subfactors	2017	2018	2019	2020	2021
Adaptive attitudes	4	2	7	5	14
Business agility	42	28	35	43	55
IT integration	10	6	11	12	21

Adaptive attitudes	Rank
E-Participation	9
Internet retailing	12
▶ Tablet possession	4
Smartphone possession	8
Attitudes toward globalization	50

Business agility	Rank
▷ Opportunities and threats	56
World robots distribution	30
▷ Agility of companies	56
Use of big data and analytics	35
Knowledge transfer	31
Entrepreneurial fear of failure	44

IT integration	Rank
▶ E-Government	5
Public-private partnerships	34
Cyber security	54
▶ Software piracy	5