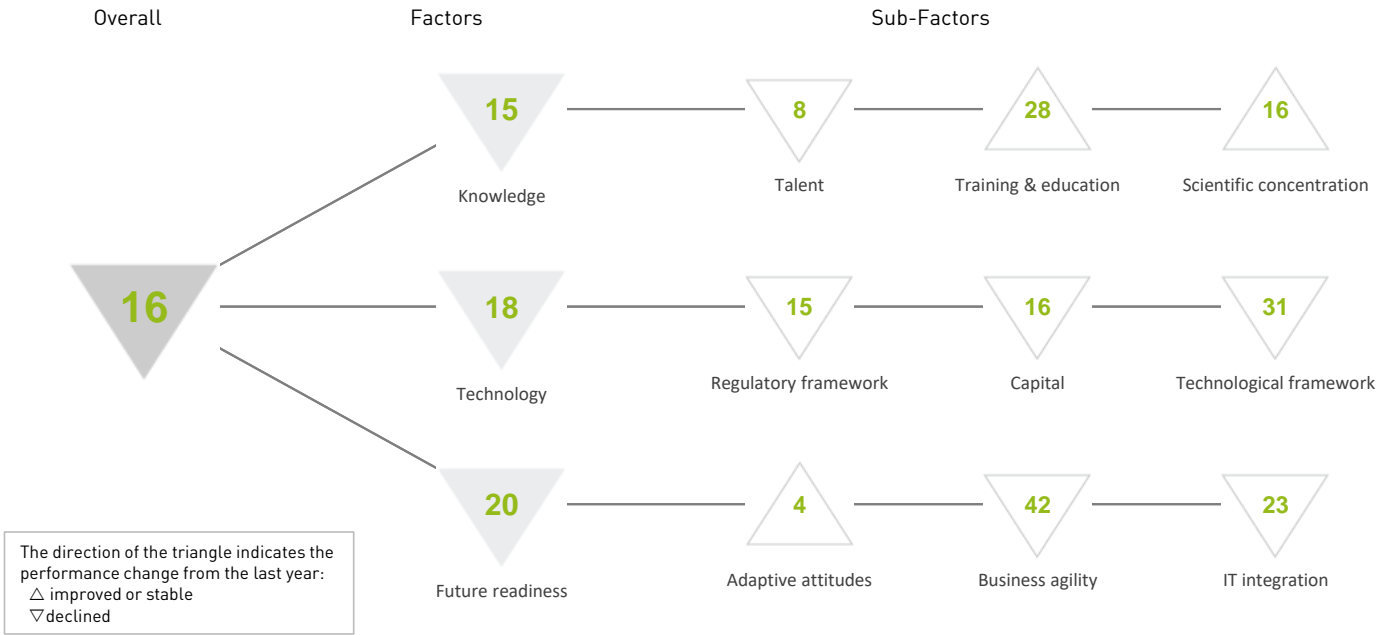


AUSTRALIA

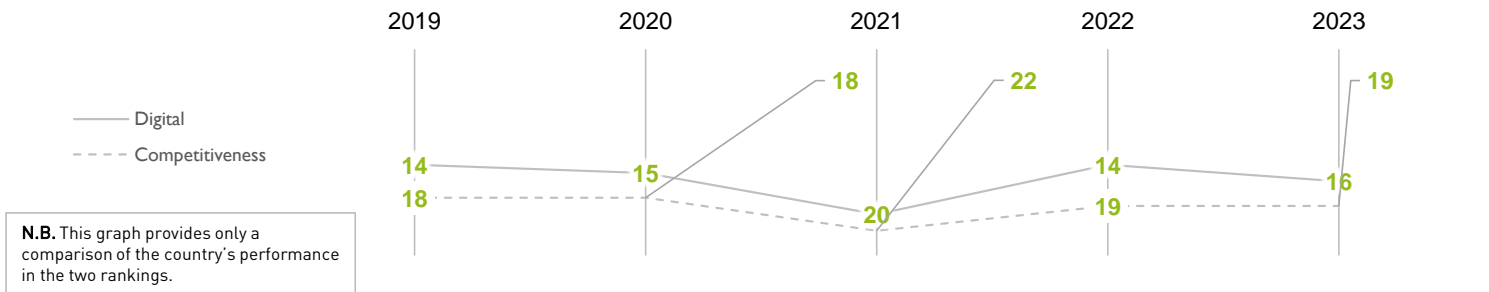
OVERALL PERFORMANCE (64 countries)



OVERALL & FACTORS - 5 years

	2019	2020	2021	2022	2023
OVERALL	14	15	20	14	16
Knowledge	15	17	19	14	15
Technology	14	14	18	15	18
Future readiness	14	17	22	17	20

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)



POPULATIONS > 20 MILLION (27 countries)



AUSTRALIA

▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2019	2020	2021	2022	2023
Talent	07	06	08	07	08
Training & education	29	28	37	29	28
Scientific concentration	13	19	18	16	16

Talent	Rank
Educational assessment PISA - Math	28
International experience	46
Foreign highly skilled personnel	12
Management of cities	22
Digital/Technological skills	39
▶ Net flow of international students	02

Training & education	Rank
▷ Employee training	47
Total public expenditure on education	18
Higher education achievement	18
Pupil-teacher ratio (tertiary education)	-
Graduates in Sciences	44
Women with degrees	07

Scientific concentration	Rank
Total expenditure on R&D (%)	22
Total R&D personnel per capita	-
Female researchers	-
R&D productivity by publication	15
Scientific and technical employment	13
High-tech patent grants	33
Robots in Education and R&D	20

TECHNOLOGY

Sub-Factors	2019	2020	2021	2022	2023
Regulatory framework	07	06	17	10	15
Capital	19	13	17	13	16
Technological framework	17	20	27	26	31

Regulatory framework	Rank
Starting a business	05
Enforcing contracts	06
Immigration laws	42
Development & application of tech.	26
Scientific research legislation	24
Intellectual property rights	16

Capital	Rank
IT & media stock market capitalization	38
Funding for technological development	35
Banking and financial services	29
▶ Country credit rating	01
Venture capital	34
Investment in Telecommunications	07

Technological framework	Rank
▷ Communications technology	49
Mobile broadband subscribers	09
Wireless broadband	14
Internet users	34
▷ Internet bandwidth speed	49
High-tech exports (%)	14

FUTURE READINESS

Sub-Factors	2019	2020	2021	2022	2023
Adaptive attitudes	07	05	14	08	04
Business agility	35	43	55	40	42
IT integration	11	12	21	15	23

Adaptive attitudes	Rank
▶ E-Participation	02
▶ Internet retailing	04
▶ Tablet possession	03
Smartphone possession	15
Attitudes toward globalization	28

Business agility	Rank
▷ Opportunities and threats	50
World robots distribution	30
Agility of companies	45
Use of big data and analytics	35
Knowledge transfer	27
Entrepreneurial fear of failure	33

IT integration	Rank
E-Government	07
Public-private partnerships	30
▷ Cyber security	53
Software piracy	05
Government cyber security capacity	39
Privacy protection by law content	23