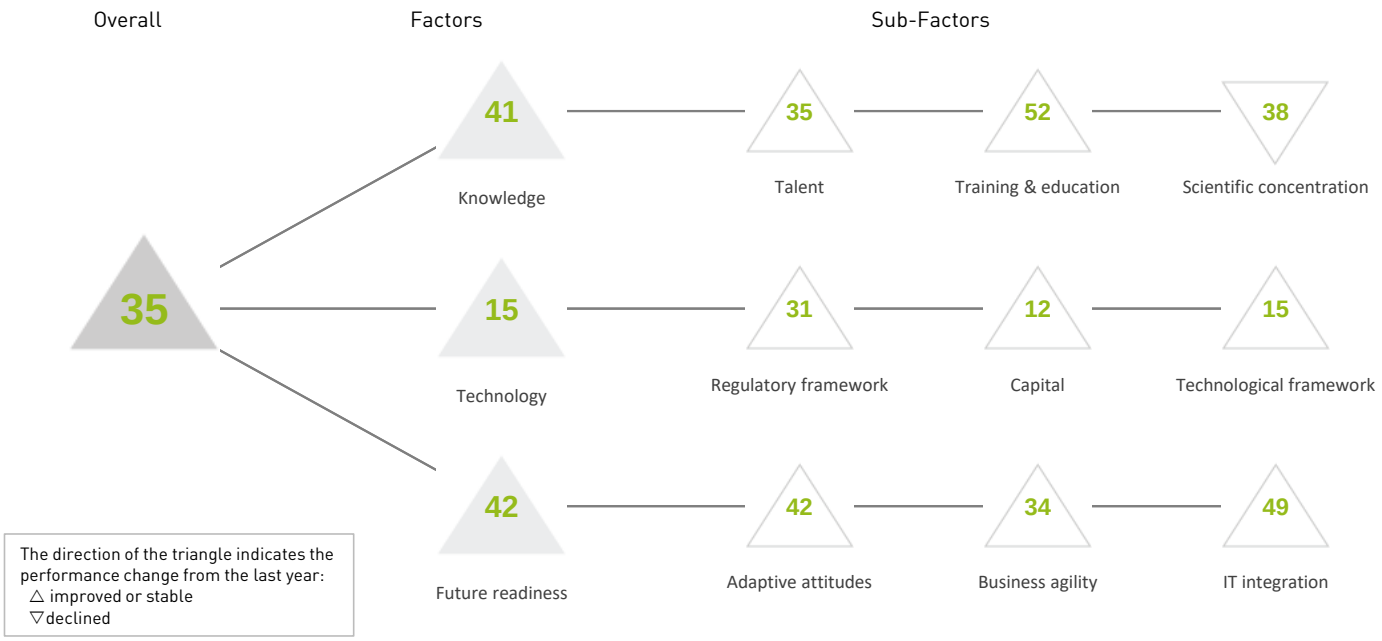
THAILAND

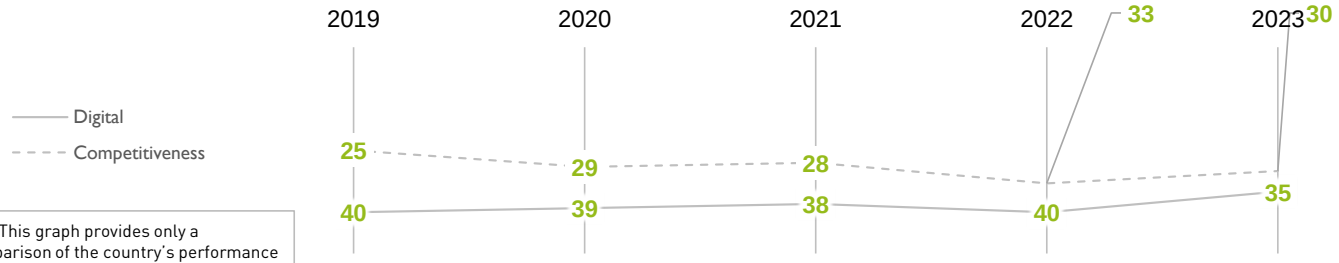
OVERALL PERFORMANCE (64 countries)



OVERALL & FACTORS - 5 years

	2019	2020	2021	2022	2023
OVERALL	40	39	38	40	35
Knowledge	43	43	42	45	41
Technology	27	22	22	20	15
Future readiness	50	45	44	49	42

COMPETITIVENESS & DIGITAL RANKINGS



N.B. This graph provides only a comparison of the country's performance in the two rankings.

PEER GROUPS RANKINGS

ASIA - PACIFIC (14 countries)

POPULATIONS > 20 MILLION (27 countries)

THAILAND

▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2019	2020	2021	2022	2023
Talent	40	36	39	37	35
Training & education	50	55	56	57	52
Scientific concentration	35	37	36	36	38

Talent	Rank
Educational assessment PISA - Math	46
International experience	23
Foreign highly skilled personnel	19
Management of cities	19
Digital/Technological skills	36
Net flow of international students	41

Training & education	Rank
Employee training	20
Total public expenditure on education	51
Higher education achievement	46
▷ Pupil-teacher ratio (tertiary education)	54
Graduates in Sciences	38
Women with degrees	48

Scientific concentration	Rank
Total expenditure on R&D (%)	34
Total R&D personnel per capita	44
Female researchers	14
R&D productivity by publication	30
▷ Scientific and technical employment	57
High-tech patent grants	31
Robots in Education and R&D	13

TECHNOLOGY

Sub-Factors	2019	2020	2021	2022	2023
Regulatory framework	33	31	29	34	31
Capital	21	17	19	20	12
Technological framework	29	25	22	18	15

Regulatory framework	Rank
Starting a business	26
Enforcing contracts	28
Immigration laws	18
Development & application of tech.	30
Scientific research legislation	34
Intellectual property rights	35

Capital	Rank
IT & media stock market capitalization	12
Funding for technological development	26
Banking and financial services	19
Country credit rating	41
Venture capital	23
▶ Investment in Telecommunications	05

Technological framework	Rank
Communications technology	15
Mobile broadband subscribers	28
Wireless broadband	30
Internet users	45
▶ Internet bandwidth speed	05
▶ High-tech exports (%)	11

FUTURE READINESS

Sub-Factors	2019	2020	2021	2022	2023
Adaptive attitudes	58	53	53	52	42
Business agility	30	44	34	41	34
IT integration	51	43	43	50	49

Adaptive attitudes	Rank
E-Participation	17
Internet retailing	40
▷ Tablet possession	57
Smartphone possession	30
▶ Attitudes toward globalization	10

Business agility	Rank
Opportunities and threats	29
▶ World robots distribution	11
Agility of companies	30
Use of big data and analytics	25
Knowledge transfer	24
Entrepreneurial fear of failure	51

IT integration	Rank
E-Government	48
Public-private partnerships	18
Cyber security	38
▷ Software piracy	56
▷ Government cyber security capacity	58
Privacy protection by law content	43