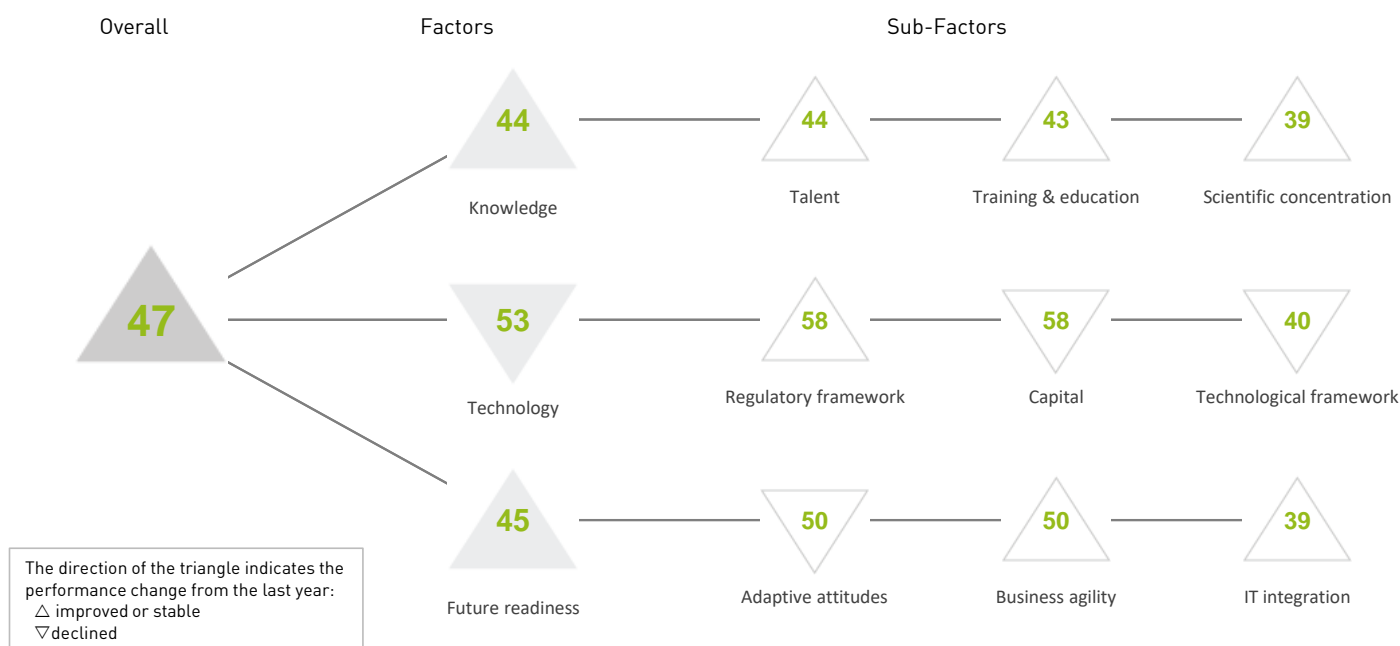


SLOVAK REPUBLIC

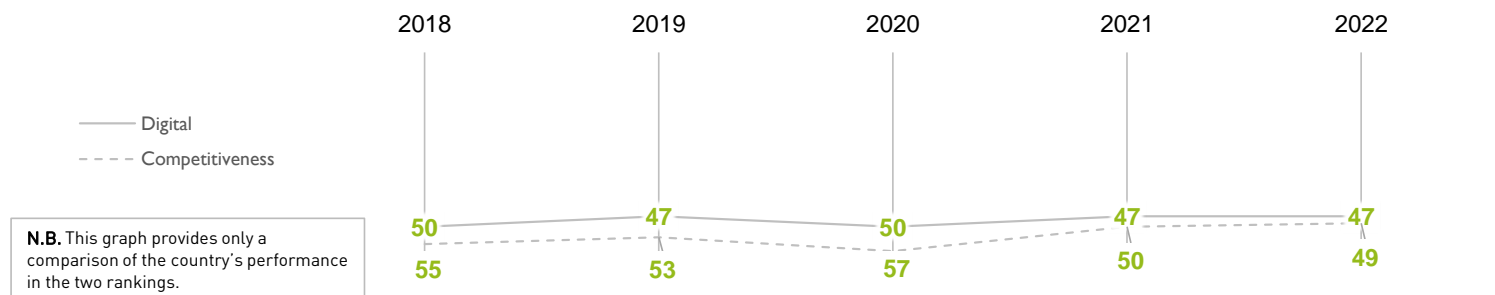
OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

	2018	2019	2020	2021	2022
OVERALL	50	47	50	47	47
Knowledge	49	48	51	46	44
Technology	47	44	51	45	53
Future readiness	53	47	51	46	45

COMPETITIVENESS & DIGITAL RANKINGS



PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (40 countries)



POPULATIONS < 20 MILLION (36 countries)



SLOVAK REPUBLIC

▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	56	54	53	52	44
Training & education	47	52	52	49	43
Scientific concentration	42	36	38	40	39

Talent	Rank
Educational assessment PISA - Math	30
International experience	40
Foreign highly-skilled personnel	56
Management of cities	46
Digital/Technological skills	35
Net flow of international students	54

Training & education	Rank
Employee training	46
Total public expenditure on education	39
Higher education achievement	39
▶ Pupil-teacher ratio (tertiary education)	24
Graduates in Sciences	41
Women with degrees	40

Scientific concentration	Rank
Total expenditure on R&D (%)	42
Total R&D personnel per capita	33
▶ Female researchers	22
R&D productivity by publication	41
Scientific and technical employment	42
High-tech patent grants	28
Robots in Education and R&D	32

TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	60	58	61	60	58
Capital	46	43	47	42	58
Technological framework	34	37	38	39	40

Regulatory framework	Rank
Starting a business	48
Enforcing contracts	34
▷ Immigration laws	62
▷ Development & application of tech.	59
Scientific research legislation	57
Intellectual property rights	56

Capital	Rank
▷ IT & media stock market capitalization	58
Funding for technological development	57
Banking and financial services	48
Country credit rating	31
Venture capital	56
▶ Investment in Telecommunications	26

Technological framework	Rank
Communications technology	38
Mobile Broadband subscribers	35
Wireless broadband	38
Internet users	31
Internet bandwidth speed	40
High-tech exports (%)	42

FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	51	42	50	49	50
Business agility	58	61	62	60	50
IT integration	45	40	44	40	39

Adaptive attitudes	Rank
E-Participation	52
Internet retailing	32
Tablet possession	33
Smartphone possession	48
▷ Attitudes toward globalization	60

Business agility	Rank
Opportunities and threats	56
World robots distribution	28
Agility of companies	28
Use of big data and analytics	42
▷ Knowledge transfer	60
Entrepreneurial fear of failure	30

IT integration	Rank
E-Government	42
Public-private partnerships	47
Cyber security	43
▶ Software piracy	26
Government cyber security capacity	54
▶ Privacy protection by law content	19