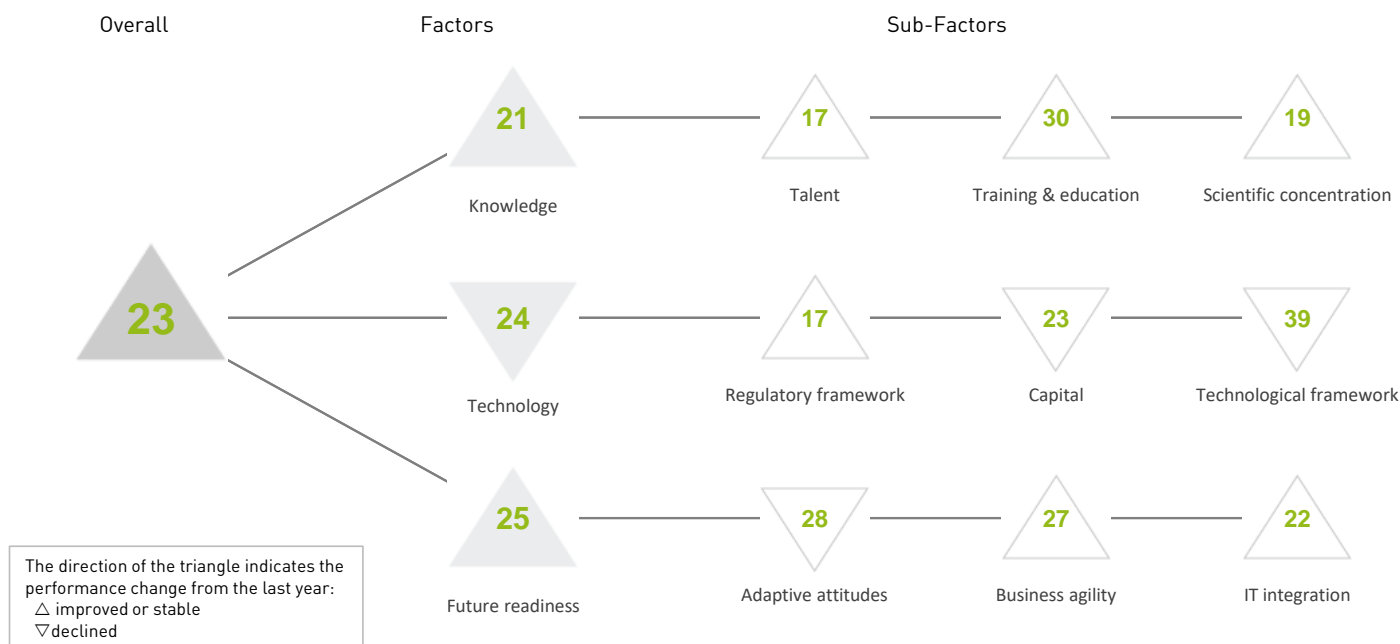


BELGIUM

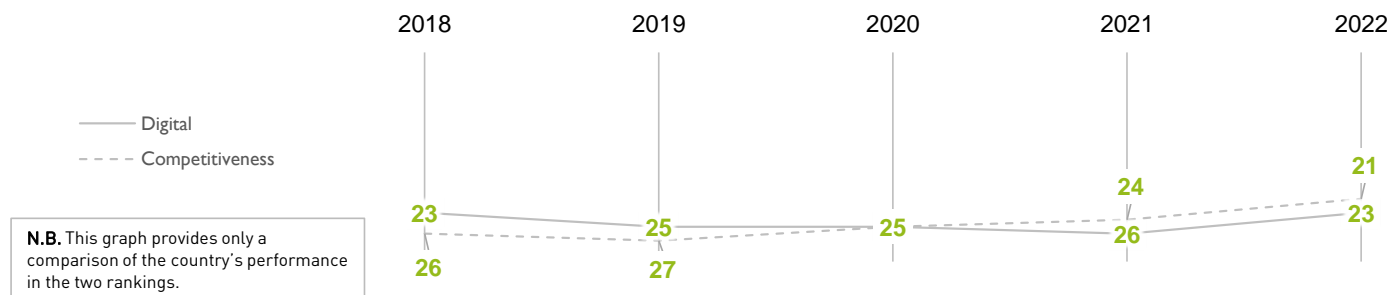
OVERALL PERFORMANCE (63 countries)



OVERALL & FACTORS - 5 years

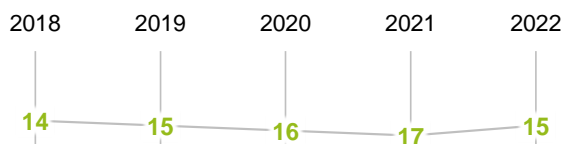
	2018	2019	2020	2021	2022
OVERALL	23	25	25	26	23
Knowledge	25	23	21	21	21
Technology	24	21	19	23	24
Future readiness	23	25	25	26	25

COMPETITIVENESS & DIGITAL RANKINGS

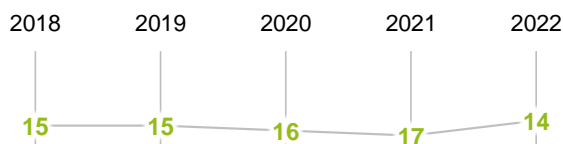


PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (40 countries)



POPULATIONS < 20 MILLION (36 countries)



BELGIUM

▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2018	2019	2020	2021	2022
Talent	17	18	20	20	17
Training & education	30	26	31	31	30
Scientific concentration	29	24	21	20	19

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	14	Employee training	22	▶ Total expenditure on R&D (%)	05
International experience	12	▶ Total public expenditure on education	08	Total R&D personnel per capita	12
Foreign highly-skilled personnel	20	Higher education achievement	23	Female researchers	40
Management of cities	31	Pupil-teacher ratio (tertiary education)	38	▷ R&D productivity by publication	44
Digital/Technological skills	36	▷ Graduates in Sciences	57	Scientific and technical employment	20
Net flow of international students	13	Women with degrees	22	High-tech patent grants	34
				Robots in Education and R&D	18

TECHNOLOGY

Sub-Factors	2018	2019	2020	2021	2022
Regulatory framework	17	22	19	18	17
Capital	23	25	21	20	23
Technological framework	33	26	29	37	39

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	27	IT & media stock market capitalization	40	Communications technology	36
Enforcing contracts	39	Funding for technological development	19	Mobile Broadband subscribers	39
▶ Immigration laws	07	Banking and financial services	21	▷ Wireless broadband	59
Development & application of tech.	21	Country credit rating	20	Internet users	18
Scientific research legislation	13	Venture capital	15	Internet bandwidth speed	24
Intellectual property rights	14	Investment in Telecommunications	43	High-tech exports (%)	29

FUTURE READINESS

Sub-Factors	2018	2019	2020	2021	2022
Adaptive attitudes	19	23	24	22	28
Business agility	21	33	35	38	27
IT integration	21	23	26	26	22

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
▷ E-Participation	55	Opportunities and threats	33	E-Government	36
Internet retailing	12	World robots distribution	25	Public-private partnerships	15
▶ Tablet possession	11	Agility of companies	29	Cyber security	35
Smartphone possession	43	Use of big data and analytics	31	Software piracy	13
Attitudes toward globalization	39	Knowledge transfer	16	▷ Government cyber security capacity	43
		Entrepreneurial fear of failure	-	▶ Privacy protection by law content	10