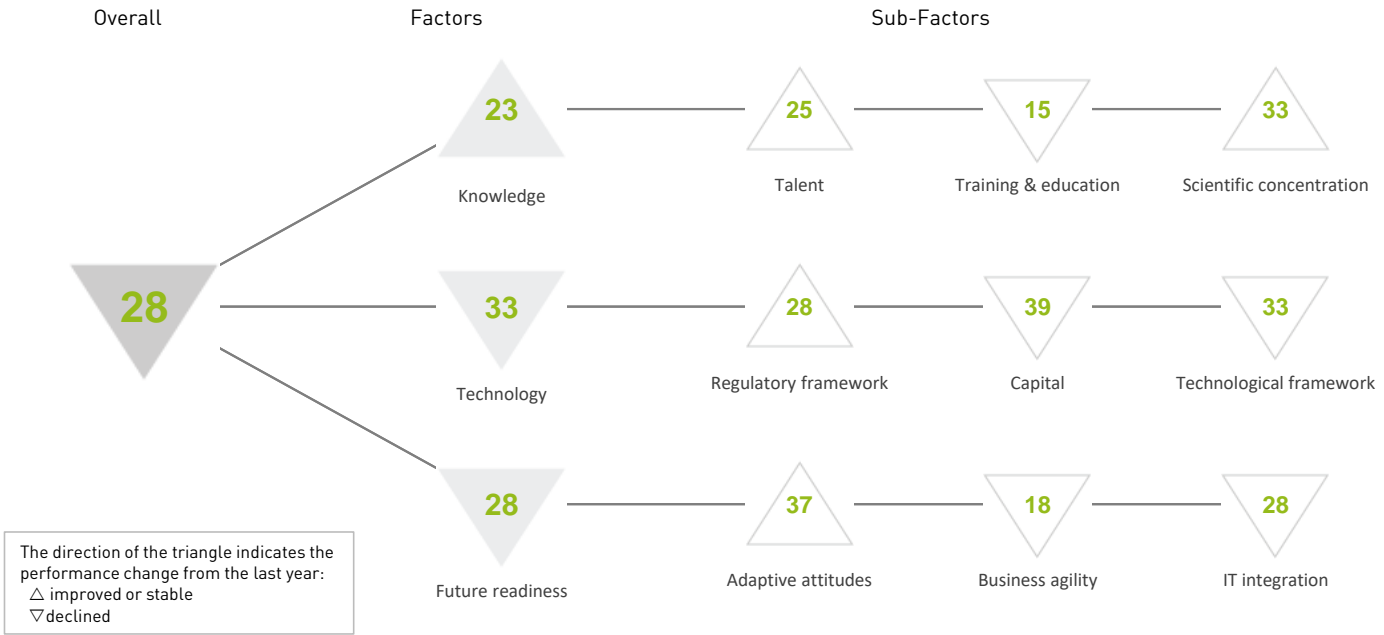


# LITHUANIA

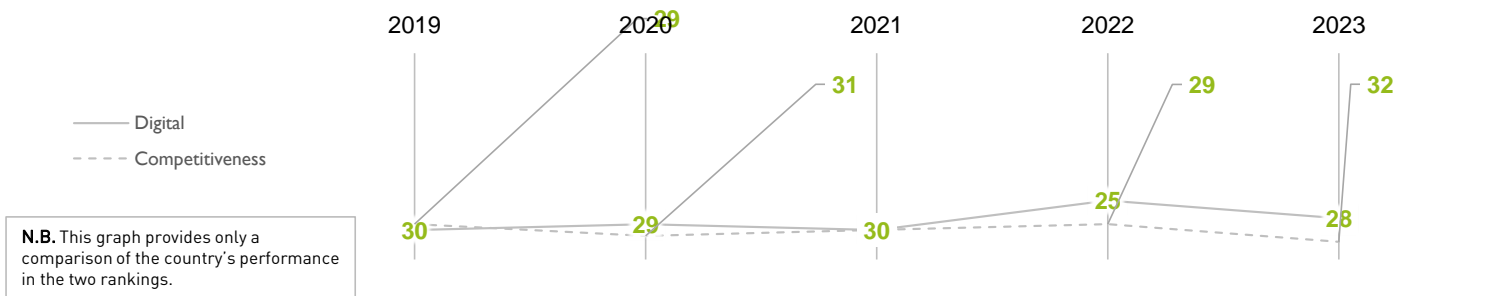
## OVERALL PERFORMANCE (64 countries)



## OVERALL & FACTORS - 5 years

	2019	2020	2021	2022	2023
OVERALL	30	29	30	25	28
Knowledge	26	25	26	24	23
Technology	25	29	29	32	33
Future readiness	32	30	33	24	28

## COMPETITIVENESS & DIGITAL RANKINGS



## PEER GROUPS RANKINGS

### EUROPE - MIDDLE EAST - AFRICA (41 countries)



### POPULATIONS < 20 MILLION (37 countries)



## LITHUANIA

▶ Overall Top Strengths

▷ Overall Top Weaknesses

## KNOWLEDGE

Sub-Factors	2019	2020	2021	2022	2023
Talent	23	23	25	27	25
Training & education	13	16	15	13	15
Scientific concentration	41	40	37	37	33

Talent	Rank	Training & education	Rank	Scientific concentration	Rank
Educational assessment PISA - Math	33	Employee training	24	Total expenditure on R&D (%)	37
International experience	30	Total public expenditure on education	34	Total R&D personnel per capita	30
Foreign highly skilled personnel	35	Higher education achievement	13	Female researchers	08
Management of cities	32	Pupil-teacher ratio (tertiary education)	11	R&D productivity by publication	52
▶ Digital/Technological skills	01	Graduates in Sciences	22	Scientific and technical employment	28
▷ Net flow of international students	54	Women with degrees	14	High-tech patent grants	17
				Robots in Education and R&D	47

## TECHNOLOGY

Sub-Factors	2019	2020	2021	2022	2023
Regulatory framework	24	27	32	28	28
Capital	36	42	30	37	39
Technological framework	21	18	30	32	33

Regulatory framework	Rank	Capital	Rank	Technological framework	Rank
Starting a business	20	IT & media stock market capitalization	07	▶ Communications technology	04
▶ Enforcing contracts	07	Funding for technological development	33	▷ Mobile broadband subscribers	53
▷ Immigration laws	53	▷ Banking and financial services	55	Wireless broadband	16
Development & application of tech.	29	Country credit rating	31	Internet users	33
Scientific research legislation	29	Venture capital	35	Internet bandwidth speed	25
Intellectual property rights	33	▷ Investment in Telecommunications	60	High-tech exports (%)	35

## FUTURE READINESS

Sub-Factors	2019	2020	2021	2022	2023
Adaptive attitudes	45	47	47	38	37
Business agility	18	18	24	17	18
IT integration	32	32	34	26	28

Adaptive attitudes	Rank	Business agility	Rank	IT integration	Rank
E-Participation	52	▶ Opportunities and threats	03	E-Government	23
Internet retailing	27	World robots distribution	45	Public-private partnerships	29
Tablet possession	28	▶ Agility of companies	05	Cyber security	31
Smartphone possession	35	Use of big data and analytics	21	Software piracy	43
Attitudes toward globalization	38	Knowledge transfer	37	Government cyber security capacity	33
		Entrepreneurial fear of failure	-	Privacy protection by law content	08