CROATIA

OVERALL PERFORMANCE (64 countries)
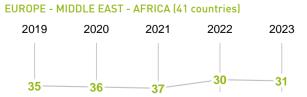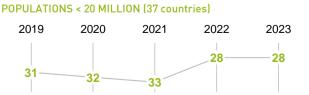
Overall	Factors	Sub-Factors		

Overall: 44 (declined)

Knowledge: 40 (improved or stable)
- Talent: 54 (declined)
- Training & education: 36 (declined)
- Scientific concentration: 32 (improved or stable)

Technology: 42 (improved or stable)
- Regulatory framework: 47 (declined)
- Capital: 33 (improved or stable)
- Technological framework: 44 (declined)

Future readiness: 50 (declined)
- Adaptive attitudes: 41 (improved or stable)
- Business agility: 57 (improved or stable)
- IT integration: 48 (improved or stable)

The direction of the triangle indicates the performance change from the last year:
△ improved or stable
▽ declined

OVERALL & FACTORS - 5 years

	2019	2020	2021	2022	2023
OVERALL	51	52	55	43	44
Knowledge	42	41	47	40	40
Technology	50	49	50	42	42
Future readiness	60	62	60	48	50

COMPETITIVENESS & DIGITAL RANKINGS

	2019	2020	2021	2022	2023
Digital	51	60	60	59	46	50
Competitiveness		52	55	43	44

— Digital
- - - Competitiveness

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

PEER GROUPS RANKINGS

EUROPE - MIDDLE EAST - AFRICA (41 countries)

2019	2020	2021	2022	2023
35	36	37	30	31

POPULATIONS < 20 MILLION (37 countries)

2019	2020	2021	2022	2023
31	32	33	28	28

CROATIA

▶ Overall Top Strengths

▷ Overall Top Weaknesses

KNOWLEDGE

Sub-Factors	2019	2020	2021	2022	2023
Talent	58	61	61	52	54
Training & education	31	26	42	34	36
Scientific concentration	33	32	34	34	32

Talent	Rank
Educational assessment PISA - Math	36
▷ International experience	59
Foreign highly skilled personnel	56
Management of cities	56
Digital/Technological skills	28
Net flow of international students	53

Training & education	Rank
Employee training	49
Total public expenditure on education	25
Higher education achievement	44
▶ Pupil-teacher ratio (tertiary education)	08
▶ Graduates in Sciences	13
Women with degrees	45

Scientific concentration	Rank
Total expenditure on R&D (%)	33
Total R&D personnel per capita	35
▶ Female researchers	09
R&D productivity by publication	49
Scientific and technical employment	34
High-tech patent grants	21
Robots in Education and R&D	39

TECHNOLOGY

Sub-Factors	2019	2020	2021	2022	2023
Regulatory framework	59	59	56	46	47
Capital	50	43	50	35	33
Technological framework	41	40	41	42	44

Regulatory framework	Rank
Starting a business	48
Enforcing contracts	23
Immigration laws	21
▷ Development & application of tech.	61
Scientific research legislation	52
Intellectual property rights	51

Capital	Rank
▶ IT & media stock market capitalization	18
Funding for technological development	47
Banking and financial services	45
Country credit rating	43
Venture capital	42
▶ Investment in Telecommunications	06

Technological framework	Rank
Communications technology	31
Mobile broadband subscribers	24
Wireless broadband	50
Internet users	39
Internet bandwidth speed	57
High-tech exports (%)	41

FUTURE READINESS

Sub-Factors	2019	2020	2021	2022	2023
Adaptive attitudes	51	46	39	40	41
Business agility	62	63	64	58	57
IT integration	57	59	58	44	48

Adaptive attitudes	Rank
E-Participation	26
Internet retailing	47
Tablet possession	31
Smartphone possession	18
▷ Attitudes toward globalization	59

Business agility	Rank
Opportunities and threats	49
World robots distribution	48
Agility of companies	40
Use of big data and analytics	53
▷ Knowledge transfer	58
Entrepreneurial fear of failure	29

IT integration	Rank
E-Government	39
▷ Public-private partnerships	61
Cyber security	45
Software piracy	43
Government cyber security capacity	46
Privacy protection by law content	25