

6. Romania 89.61

Population 19.9 million
Area (km²) 238.4 thousand
GDP per capita (\$) 25.5 thousand

6th National Cyber Security Index 62nd Global Cybersecurity Index 58th ICT Development Index

|||||||||||||| 76 % |||||||||||||| 65 % |||||||||||||| 4 %

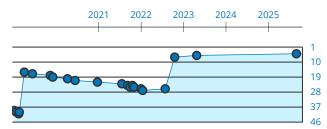
52nd Networked Readiness Index

2nd Networked Readiness Index

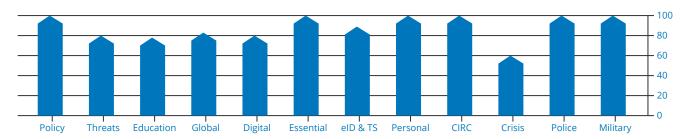
NCSI DEVELOPMENT TIMELINE



RANKING TIMELINE

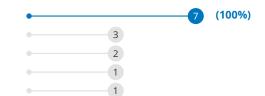


NCSI FULFILMENT PERCENTAGE



GENERAL CYBER SECURITY INDICATORS

- 1. Cyber security policy development
- 1.1. Cyber security policy unit
- 1.2. Cyber security policy coordination format
- 1.3. Cyber security strategy
- 1.4. Cyber security strategy implementation plan



2. Cyber threat analysis and information

- 2.1. Cyber threats analysis unit
- 2.2. Public cyber threat reports are published annually
- 2.3. Cyber safety and security website



1

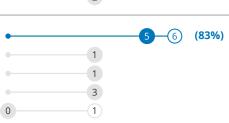
3. Education and professional development

- 3.1. Cyber safety competencies in primary or secondary education
- 3.2. Bachelor's level cyber security programme
- 3.3. Master's level cyber security programme
- 3.4. PhD level cyber security programme
- 3.5. Cyber security professional association

7 9 (78%) 1 2 2 0 2

4. Contribution to global cyber security

- 4.1. Convention on Cybercrime
- 4.2. Representation in international cooperation formats
- 4.3. International cyber security organisation hosted by the country
- 4.4. Cyber security capacity building for other countries



BASELINE CYBER SECURITY INDICATORS

5. Protection of digital services	•		4—5	(80%)
5.1. Cyber security responsibility for digital service providers	•	1		
5.2. Cyber security standard for the public sector	0			
5.3. Competent supervisory authority		3		
6. Protection of essential services	•		6	(100%)
6.1. Operators of essential services are identified	•	1		
6.2. Cyber security requirements for operators of essential services	•	1		
6.3. Competent supervisory authority	•	3		
6.4. Regular monitoring of security measures	•	1		
7. E-identification and trust services	•		8 9	(89%)
7.1. Unique persistent identifier	•	1		
7.2. Requirements for cryptosystems	0			
7.3. Electronic identification	•	1		
7.4. Electronic signature	•	1		
7.5. Timestamping	•	1		
7.6. Electronic registered delivery service	•	1		
7.7. Competent supervisory authority	•	3		
8. Protection of personal data	•		4	(100%)
8.1. Personal data protection legislation	•	1		
8.2. Personal data protection authority	•	3		
INCIDENT AND CRISIS MANAGEMENT INDICATORS				
9. Cyber incidents response	•		6	(100%)
9.1. Cyber incidents response unit	•	3		
9.2. Reporting responsibility	•	1		
9.3. Single point of contact for international coordination	•	2		
10. Cyber crisis management	•	3	(5)	(60%)
10.1. Cyber crisis management plan	0			
10.2. National-level cyber crisis management exercise	•	2		
10.3. Participation in international cyber crisis exercises	•	1		
10.4. Operational support of volunteers in cyber crises	0			
11. Fight against cybercrime	•		9	(100%)
11.1. Cybercrimes are criminalised	•	1		
11.2. Cybercrime unit	•	3		
11.3. Digital forensics unit	•	3		
11.4. 24/7 contact point for international cybercrime	•	2		
12. Military cyber operations	•		6	(100%)
12.1. Cyber operations unit	•	3		
12.2. Cyber operations exercise	•	2		
12.3. Participation in international cyber exercises	•	1		

