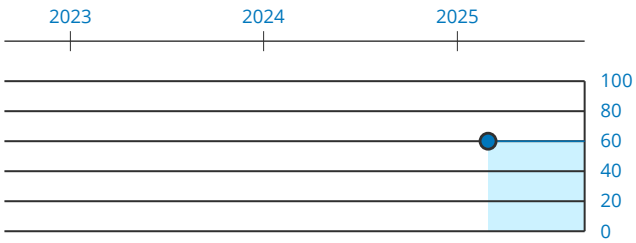
NCSI
national cyber security index

48. Kyrgyzstan 60.00

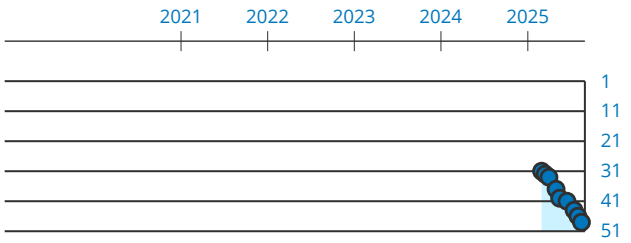
Population	**6.0** million
Area (km^2)	**200.0** thousand
GDP per capita ($)	**3.7** thousand

48th	National Cyber Security Index	60 %
109th	Global Cybersecurity Index	66 %
78th	E-Government Development Index	73 %
86th	Network Readiness Index	44 %

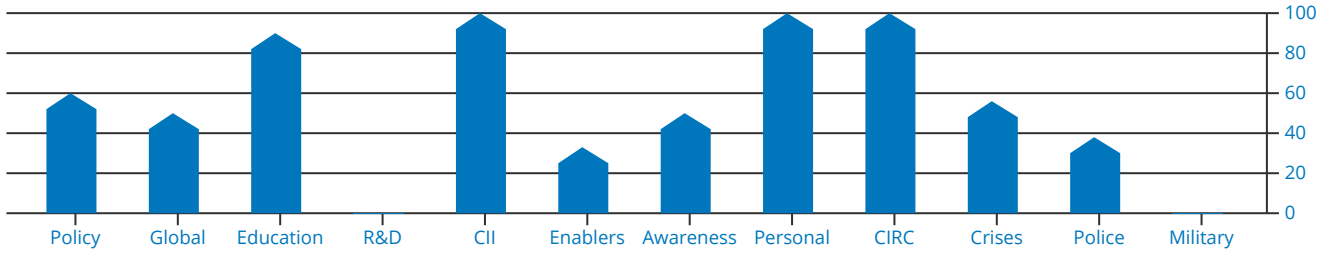
NCSI DEVELOPMENT TIMELINE



RANKING TIMELINE



NCSI FULFILMENT PERCENTAGE



STRATEGIC CYBERSECURITY INDICATORS

1. CYBERSECURITY POLICY	9	15	(60%)
1.1. High-level cybersecurity leadership		3	
1.2. Cybersecurity policy development		3	
1.3. Cybersecurity policy coordination		3	
1.4. National cybersecurity strategy	0	3	
1.5. National cybersecurity strategy action plan	0	3	
2. GLOBAL CYBERSECURITY CONTRIBUTION	3	6	(50%)
2.1. Cyber diplomacy engagements		3	
2.2. Commitment to international law in cyberspace	0	1	
2.3. Contribution to international capacity building in cybersecurity	0	2	
3. EDUCATION AND PROFESSIONAL DEVELOPMENT	9	10	(90%)
3.1. Cyber safety competencies in primary education		2	
3.2. Cyber safety competencies in secondary education		2	
3.3. Undergraduate cybersecurity education		2	
3.4. Graduate cybersecurity education		3	
3.5. Association of cybersecurity professionals	0	1	
4. CYBERSECURITY RESEARCH AND DEVELOPMENT	0	4	(0%)
4.1. Cybersecurity research and development programmes	0	2	
4.2. Cybersecurity doctoral studies	0	2	

PREVENTIVE CYBERSECURITY INDICATORS

5. CYBERSECURITY OF CRITICAL INFORMATION INFRASTRUCTURE		12	**(100%)**
5.1. Identification of critical information infrastructure		3	
5.2. Cybersecurity requirements for operators of critical information infrastructure		3	
5.3. Cybersecurity requirements for public sector organisations		3	
5.4. Competent supervisory authority		3	
6. CYBERSECURITY OF DIGITAL ENABLERS	4	12	**(33%)**
6.1. Secure electronic identification		2	
6.2. Electronic signature		2	
6.3. Trust services	0	2	
6.4. Supervisory authority for trust services	0	2	
6.5. Cybersecurity requirements for cloud services	0	2	
6.6. Supply chain cybersecurity	0	2	
7. CYBER THREAT ANALYSIS AND AWARENESS RAISING	6	12	**(50%)**
7.1. Cyber threat analysis		3	
7.2. Public cyber threat reports	0	3	
7.3. Public cybersecurity awareness resources		3	
7.4. Cybersecurity awareness raising coordination	0	3	
8. PROTECTION OF PERSONAL DATA		4	**(100%)**
8.1. Personal data protection legislation		2	
8.2. Personal data protection authority		2	

RESPONSIVE CYBERSECURITY INDICATORS

9. CYBER INCIDENT RESPONSE		14	**(100%)**
9.1. National incident response capacity		3	
9.2. Incident reporting obligations		3	
9.3. Cyber incident reporting tool		2	
9.4. Single point of contact for international cooperation		3	
9.5. Participation in international incident response cooperation		3	
10. CYBER CRISIS MANAGEMENT	5	9	**(56%)**
10.1. Cyber crisis management plan	0	2	
10.2. National cyber crisis management exercises		3	
10.3. Participation in international cyber crisis exercises		2	
10.4. Operational crisis reserve	0	2	
11. FIGHT AGAINST CYBERCRIME	6	16	**(38%)**
11.1. Cybercrime offences in national law		3	
11.2. Procedural law provisions	0	3	
11.3. Ratification of or accession to the Convention on Cybercrime	0	2	
11.4. Cybercrime investigation capacity		3	
11.5. Digital forensics capacity	0	2	
11.6. 24/7 contact point for international cybercrime	0	3	
12. MILITARY CYBER DEFENCE	0	6	**(0%)**
12.1. Military cyber defence capacity	0	2	
12.2. Military cyber doctrine	0	2	
12.3. Military cyber defence exercises	0	2	

NCSI is held and developed by
e-Governance Academy Foundation
Company code: 90007000

Rotermanni 8
10111 Tallinn
Estonia

P: +372 663 1500
E: ncsi@ega.ee
W: www.ega.ee