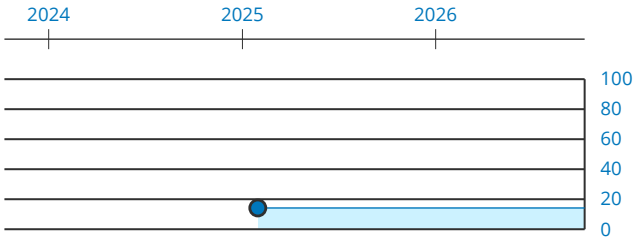
NCSI
national cyber security index

143. Turkmenistan 14.17

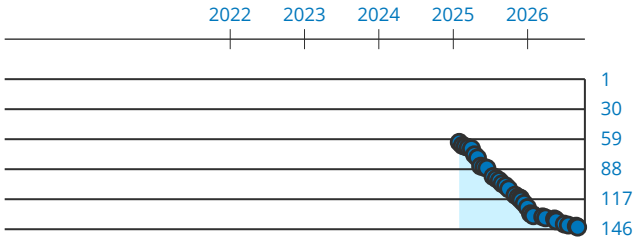
Population	**7.4** million
Area (km^2)	**491.2** thousand
GDP per capita ($)	**19.8** thousand

143rd	**National Cyber Security Index**	**14 %**
4th	**Global Cybersecurity Index**	**26 %**
145th	**E-Government Development Index**	**48 %**
N/A	**Network Readiness Index**	**0 %**

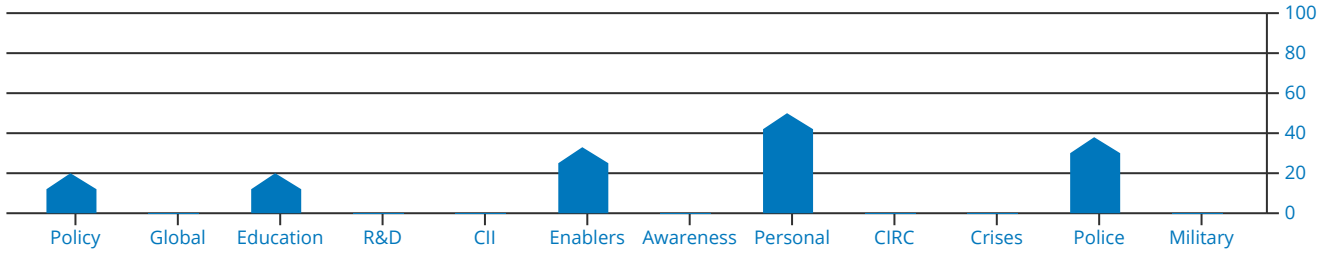
NCSI DEVELOPMENT TIMELINE



RANKING TIMELINE



NCSI FULFILMENT PERCENTAGE



STRATEGIC CYBERSECURITY INDICATORS

1. CYBERSECURITY POLICY	3	15	**(20%)**
1.1. High-level cybersecurity leadership		3	
1.2. Cybersecurity policy development	0	3	
1.3. Cybersecurity policy coordination	0	3	
1.4. National cybersecurity strategy	0	3	
1.5. National cybersecurity strategy action plan	0	3	
2. GLOBAL CYBERSECURITY CONTRIBUTION	0	6	**(0%)**
2.1. Cyber diplomacy engagements	0	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	2	10	**(20%)**
3.1. Cyber safety competencies in primary education	0	2	
3.2. Cyber safety competencies in secondary education	0	2	
3.3. Undergraduate cybersecurity education		2	
3.4. Graduate cybersecurity education	0	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	0	12	(0%)
5.1. Identification of critical information infrastructure	0	3	
5.2. Cybersecurity requirements for operators of critical information infrastructure	0	3	
5.3. Cybersecurity requirements for public sector organisations	0	3	
5.4. Competent supervisory authority	0	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	0	12	(0%)
7.1. Cyber threat analysis	0	3	
7.2. Public cyber threat reports	0	3	
7.3. Public cybersecurity awareness resources	0	3	
7.4. Cybersecurity awareness raising coordination	0	3	
8. PROTECTION OF PERSONAL DATA	2	4	(50%)
8.1. Personal data protection legislation		2	
8.2. Personal data protection authority	0	2	

RESPONSIVE CYBERSECURITY INDICATORS

9. CYBER INCIDENT RESPONSE	0	14	(0%)
9.1. National incident response capacity	0	3	
9.2. Incident reporting obligations	0	3	
9.3. Cyber incident reporting tool	0	2	
9.4. Single point of contact for international cooperation	0	3	
9.5. Participation in international incident response cooperation	0	3	
10. CYBER CRISIS MANAGEMENT	0	9	(0%)
10.1. Cyber crisis management plan	0	2	
10.2. National cyber crisis management exercises	0	3	
10.3. Participation in international cyber crisis exercises	0	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		3	
11.3. Ratification of or accession to the Convention on Cybercrime	0	2	
11.4. Cybercrime investigation capacity	0	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