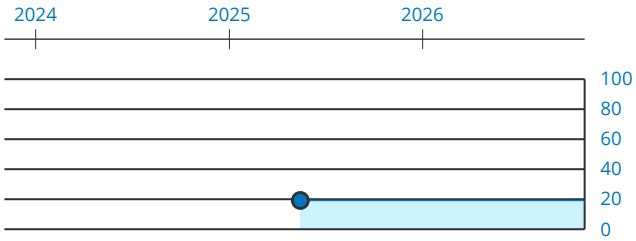
140. Guatemala 19.17

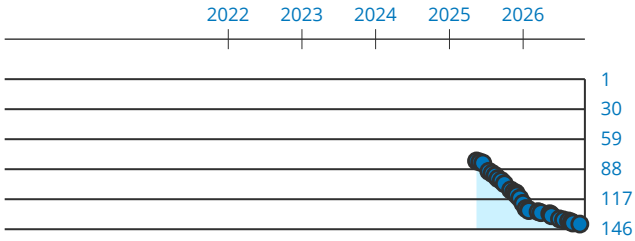
Population	**18.1** million
Area (km^2)	**108.9** thousand
GDP per capita ($)	**13.8** thousand

140th National Cyber Security Index	**19 %**
4th Global Cybersecurity Index	**40 %**
122nd E-Government Development Index	**57 %**
105th Network Readiness Index	**37 %**

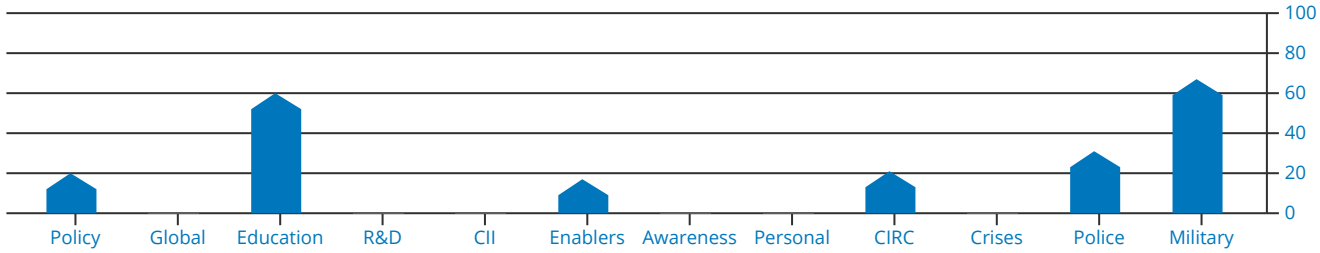
NCSI DEVELOPMENT TIMELINE



RANKING TIMELINE



NCSI FULFILMENT PERCENTAGE



STRATEGIC CYBERSECURITY INDICATORS

1. CYBERSECURITY POLICY	3	15	**(20%)**
1.1. High-level cybersecurity leadership	0	3	
1.2. Cybersecurity policy development	0	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	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	6	10	**(60%)**
3.1. Cyber safety competencies in primary education	0	2	
3.2. Cyber safety competencies in secondary education		2	
3.3. Undergraduate cybersecurity education	0	2	
3.4. Graduate cybersecurity education		3	
3.5. Association of cybersecurity professionals		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	2 / 12	(17%)
6.1. Secure electronic identification	0 / 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	0 / 4	(0%)
8.1. Personal data protection legislation	0 / 2	
8.2. Personal data protection authority	0 / 2	

RESPONSIVE CYBERSECURITY INDICATORS

9. CYBER INCIDENT RESPONSE	3 / 14	(21%)
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	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	5 / 16	(31%)
11.1. Cybercrime offences in national law	0 / 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	2	
11.6. 24/7 contact point for international cybercrime	0 / 3	
12. MILITARY CYBER DEFENCE	4 / 6	(67%)
12.1. Military cyber defence capacity	2	
12.2. Military cyber doctrine	0 / 2	
12.3. Military cyber defence exercises	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