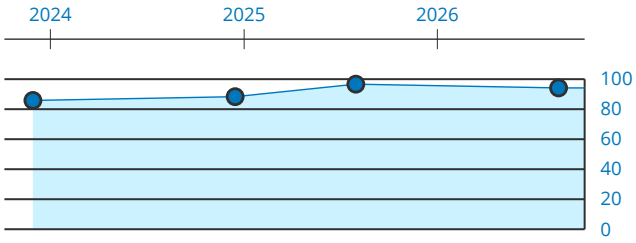
NCSI
national cyber security index

5. Estonia 94.17

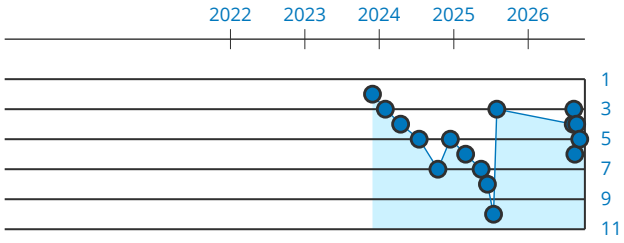
Population	**1.4** million
Area (km^2)	**45.3** thousand
GDP per capita ($)	**46.8** thousand

5th	National Cyber Security Index	94 %
1st	Global Cybersecurity Index	95 %
2nd	E-Government Development Index	97 %
18th	Network Readiness Index	68 %

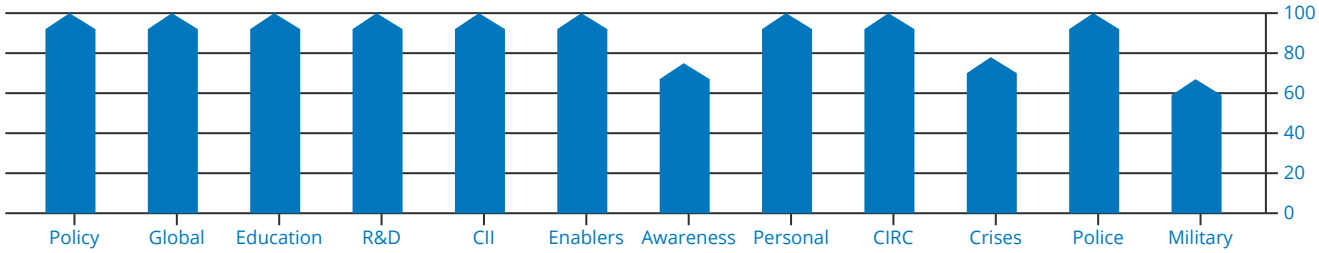
NCSI DEVELOPMENT TIMELINE



RANKING TIMELINE



NCSI FULFILMENT PERCENTAGE



STRATEGIC CYBERSECURITY INDICATORS

1. CYBERSECURITY POLICY	15	(100%)
1.1. High-level cybersecurity leadership	3	
1.2. Cybersecurity policy development	3	
1.3. Cybersecurity policy coordination	3	
1.4. National cybersecurity strategy	3	
1.5. National cybersecurity strategy action plan	3	
2. GLOBAL CYBERSECURITY CONTRIBUTION	6	(100%)
2.1. Cyber diplomacy engagements	3	
2.2. Commitment to international law in cyberspace	1	
2.3. Contribution to international capacity building in cybersecurity	2	
3. EDUCATION AND PROFESSIONAL DEVELOPMENT	10	(100%)
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	1	
4. CYBERSECURITY RESEARCH AND DEVELOPMENT	4	(100%)
4.1. Cybersecurity research and development programmes	2	
4.2. Cybersecurity doctoral studies	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	12	(100%)
6.1. Secure electronic identification	2	
6.2. Electronic signature	2	
6.3. Trust services	2	
6.4. Supervisory authority for trust services	2	
6.5. Cybersecurity requirements for cloud services	2	
6.6. Supply chain cybersecurity	2	
7. CYBER THREAT ANALYSIS AND AWARENESS RAISING	9/12	(75%)
7.1. Cyber threat analysis	3	
7.2. Public cyber threat reports	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	7/9	(78%)
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	2	
11. FIGHT AGAINST CYBERCRIME	16	(100%)
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	2	
11.4. Cybercrime investigation capacity	3	
11.5. Digital forensics capacity	2	
11.6. 24/7 contact point for international cybercrime	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	

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