

21. Netherlands 81.67

Population	17.9 million
Area (km²)	41.5 thousand
GDP per capita (\$)	78.3 thousand

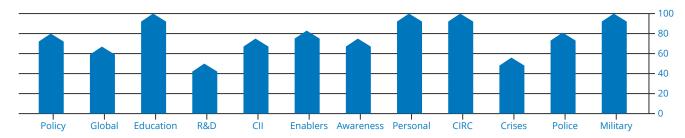
RANKING TIMELINE

NCSI DEVELOPMENT TIMELINE





NCSI FULFILMENT PERCENTAGE



STRATEGIC CYBERSECURITY INDICATORS

1. CYBERSECURITY POLICY	•		12-15 (80%)
1.1. High-level cybersecurity leadership	•	3	
1.2. Cybersecurity policy development	0	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	•	4	<u>(67%)</u>
2.1. Cyber diplomacy engagements	•	3	
2.2. Commitment to international law in cyberspace	•	1	
2.3. Contribution to international capacity building in cybersecurity	0	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	•	2	(50%)
4.1. Cybersecurity research and development programmes	•	2	_
4.2. Cybersecurity doctoral studies	0	2	

PREVENTIVE CYBERSECURITY INDICATORS

5. CYBERSECURITY OF CRITICAL INFORMATION INFRASTRUCTURE	•		-12	(75%)
5.1. Identification of critical information infrastructure	•	3		
5.2. Cybersecurity requirements for operators of critical information	•	3		
nfrastructure 5.3. Cybersecurity requirements for public sector organisations	0	3		
5.4. Competent supervisory authority	0	3		
		,		
5. CYBERSECURITY OF DIGITAL ENABLERS	•		-10-12	(83%)
5.1. Secure electronic identification	•	2	_	
5.2. Electronic signature	•	2		
6.3. Trust services	0	2		
5.4. Supervisory authority for trust services	•	2		
6.5. Cybersecurity requirements for cloud services	•	2		
6.6. Supply chain cybersecurity	0	2		
7. CYBER THREAT ANALYSIS AND AWARENESS RAISING	•		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%)
3.1. Personal data protection legislation		2	-4	(10070)
3.2. Personal data protection authority		2		
RESPONSIVE CYBERSECURITY INDICATORS		2		
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	0	2		
9.4. Single point of contact for international cooperation		3		
9.5. Participation in international incident response cooperation	0	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	•		13-16	(81%)
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	•	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	•		6	(100%)
12.1. Military cyber defence capacity		2		(
12.2. Military cyber doctrine	•	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