

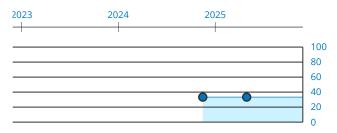
### 89. Bosnia and Herzegovina 33.33

Population 3.2 million

Area (km²) 51.2 thousand

GDP per capita (\$) 22.4 thousand

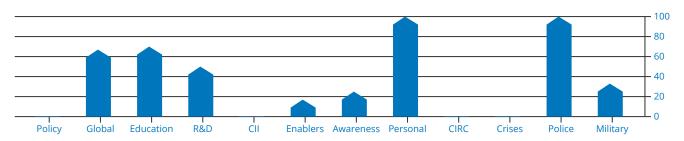
#### NCSI DEVELOPMENT TIMELINE



#### **RANKING TIMELINE**



#### NCSI FULFILMENT PERCENTAGE



#### STRATEGIC CYBERSECURITY INDICATORS

#### 1. CYBERSECURITY POLICY

- 1.1. High-level cybersecurity leadership
- 1.2. Cybersecurity policy development
- 1.3. Cybersecurity policy coordination
- 1.4. National cybersecurity strategy
- 1.5. National cybersecurity strategy action plan

0		15	(0%)
0	3		
0	3		
0	3		

- 0 3
- 0 3

0

#### 2. GLOBAL CYBERSECURITY CONTRIBUTION

- 2.1. Cyber diplomacy engagements
- 2.2. Commitment to international law in cyberspace
- 2.3. Contribution to international capacity building in cybersecurity

## **4 6 (67%)**

2

#### 3. EDUCATION AND PROFESSIONAL DEVELOPMENT

- 3.1. Cyber safety competencies in primary education
- 3.2. Cyber safety competencies in secondary education
- 3.3. Undergraduate cybersecurity education
- 3.4. Graduate cybersecurity education
- 3.5. Association of cybersecurity professionals

# • 7 10 (70%) 2 0 2 0 3 0 1

#### 4. CYBERSECURITY RESEARCH AND DEVELOPMENT

- 4.1. Cybersecurity research and development programmes
- 4.2. Cybersecurity doctoral studies



#### PREVENTIVE CYBERSECURITY INDICATORS

5. CYBERSECURITY OF CRITICAL INFORMATION INFRASTRUCTURE	0			(0%)
5.1. Identification of critical information infrastructure	0	3		
5.2. Cybersecurity requirements for operators of critical information	0	3		
infrastructure				
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			
6.2. Electronic signature	•	2		
6.3. Trust services	0			
6.4. Supervisory authority for trust services	0			
6.5. Cybersecurity requirements for cloud services	0	2		
6.6. Supply chain cybersecurity	0	2		
7. CYBER THREAT ANALYSIS AND AWARENESS RAISING	•——6			(25%)
7.1. Cyber threat analysis	0	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				(100%)
8.1. Personal data protection legislation		2	4	(10070)
8.2. Personal data protection authority		2		
6.2. Fersonal data protection authority		2		
RESPONSIVE CYBERSECURITY INDICATORS				
9. CYBER INCIDENT RESPONSE	0			(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			(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	•		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				(33%)
12.1. Military cyber defence capacity	0	2		(3370)
12.2. Military cyber decerne capacity	0			
12.3. Military cyber defence exercises	3	2		
12.3. Initiary cyber defence exercises		2		



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

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