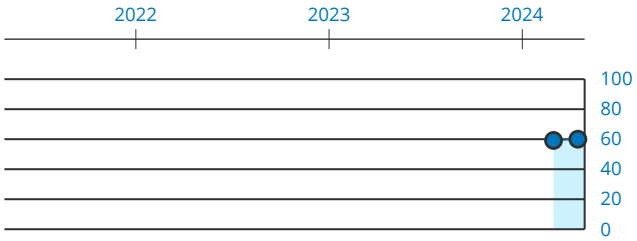
NCSI
national cyber security index

# 20. Montenegro 60.00

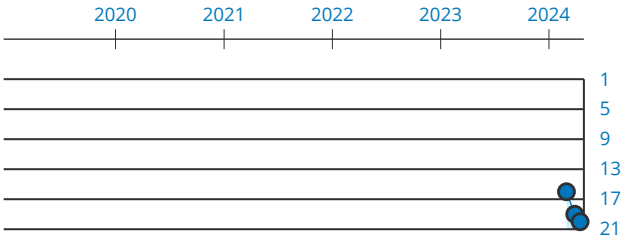
| | |
|---|---|
| Population | **0.6** million |
| Area (km$^2$) | **13.8** thousand |
| GDP per capita ($) | **18.3** thousand |

| | | |
|---|---|---|
| **20th** | **National Cyber Security Index** | **60 %** |
| **87th** | **Global Cybersecurity Index** | **53 %** |
| **71st** | **E-Government Development Index** | **73 %** |
| **66th** | **Network Readiness Index** | **48 %** |

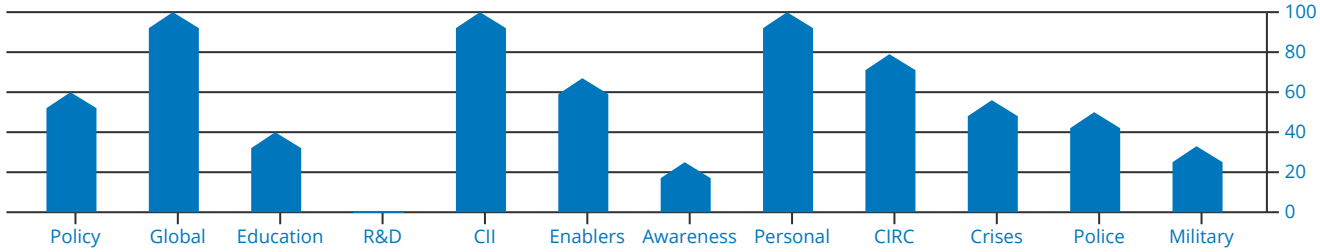
## NCSI DEVELOPMENT TIMELINE




## RANKING TIMELINE




## NCSI FULFILMENT PERCENTAGE




## STRATEGIC CYBERSECURITY INDICATORS

| | | | |
|---|---|---|---|
| 1. CYBERSECURITY POLICY | 9 | 15 | (60%) |
| 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 | 0 | 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 | 4 | 10 | (40%) |
| 3.1. Cyber safety competencies in primary education | | 2 | |
| 3.2. Cyber safety competencies in secondary education | | 2 | |
| 3.3. Undergraduate cybersecurity education | 0 | 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 | | 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 | 8 | 12 | (67%) |
| 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 | 0 | 2 | |
| 6.6. Supply chain cybersecurity | 0 | 2 | |
| 7. CYBER THREAT ANALYSIS AND AWARENESS RAISING | 3 | 12 | (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 | | 4 | (100%) |
| 8.1. Personal data protection legislation | | 2 | |
| 8.2. Personal data protection authority | | 2 | |

## RESPONSIVE CYBERSECURITY INDICATORS

| | | | |
|---|---|---|---|
| 9. CYBER INCIDENT RESPONSE | 11 | 14 | (79%) |
| 9.1. National incident response capacity | | 3 | |
| 9.2. Incident reporting obligations | 0 | 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 | 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 | 8 | 16 | (50%) |
| 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 | 0 | 3 | |
| 11.5. Digital forensics capacity | 0 | 2 | |
| 11.6. 24/7 contact point for international cybercrime | | 3 | |
| 12. MILITARY CYBER DEFENCE | 2 | 6 | (33%) |
| 12.1. Military cyber defence capacity | 0 | 2 | |
| 12.2. Military cyber doctrine | 0 | 2 | |
| 12.3. Military cyber defence exercises | | 2 | |

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