NCSI
national cyber security index

78. Sierra Leone 30.00

Population	**8.5** million	78th	**National Cyber Security Index**	30 %
Area (km²)	**72.3** thousand	N/A	**Global Cybersecurity Index**	57 %
GDP per capita ($)	**3.4** thousand	172nd	**E-Government Development Index**	30 %
		129th	**Network Readiness Index**	23 %

NCSI DEVELOPMENT TIMELINE
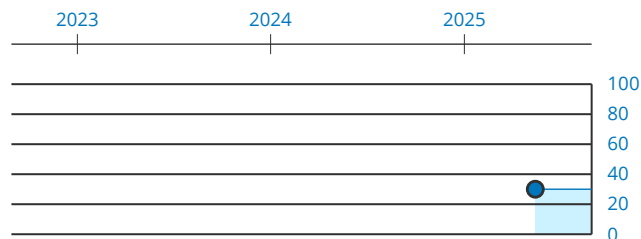
RANKING TIMELINE
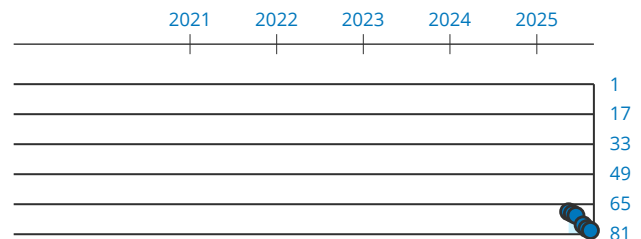
NCSI FULFILMENT PERCENTAGE

Policy | Global | Education | R&D | CII | Enablers | Awareness | Personal | CIRC | Crises | Police | Military
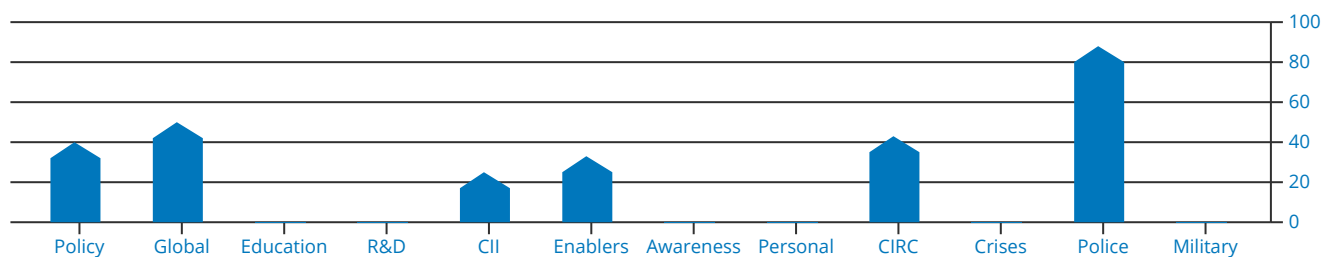
STRATEGIC CYBERSECURITY INDICATORS

1. CYBERSECURITY POLICY — 6 / 15 (40%)

|	
1.1. High-level cybersecurity leadership	3
1.2. Cybersecurity policy development	0 / 3
1.3. Cybersecurity policy coordination	0 / 3
1.4. National cybersecurity strategy	3
1.5. National cybersecurity strategy action plan	0 / 3

2. GLOBAL CYBERSECURITY CONTRIBUTION — 3 / 6 (50%)

2.1. Cyber diplomacy engagements	3
2.2. Commitment to international law in cyberspace	0 / 1
2.3. Contribution to international capacity building in cybersecurity	0 / 2
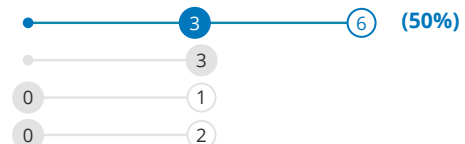
3. EDUCATION AND PROFESSIONAL DEVELOPMENT — 0 / 10 (0%)

3.1. Cyber safety competencies in primary education	0 / 2
3.2. Cyber safety competencies in secondary education	0 / 2
3.3. Undergraduate cybersecurity education	0 / 2
3.4. Graduate cybersecurity education	0 / 3
3.5. Association of cybersecurity professionals	0 / 1
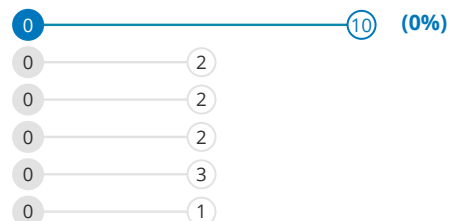
4. CYBERSECURITY RESEARCH AND DEVELOPMENT — 0 / 4 (0%)

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 — 3 / 12 (25%)

	Score	Max
5.1. Identification of critical information infrastructure		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
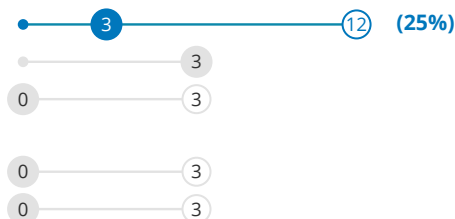
6. CYBERSECURITY OF DIGITAL ENABLERS — 4 / 12 (33%)

	Score	Max
6.1. Secure electronic identification		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
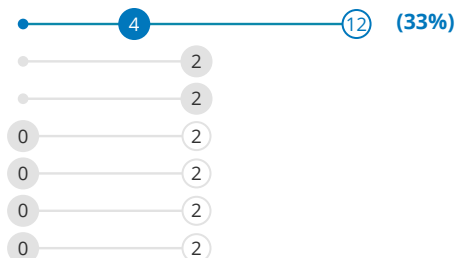
7. CYBER THREAT ANALYSIS AND AWARENESS RAISING — 0 / 12 (0%)

	Score	Max
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%)

	Score	Max
8.1. Personal data protection legislation	0	2
8.2. Personal data protection authority	0	2

RESPONSIVE CYBERSECURITY INDICATORS

9. CYBER INCIDENT RESPONSE — 6 / 14 (43%)

|	Score	Max
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	0	3
9.5. Participation in international incident response cooperation	0	3
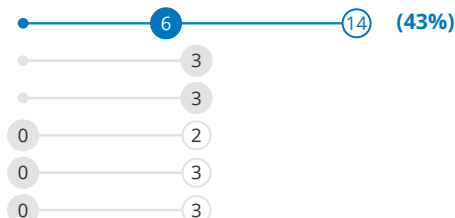
10. CYBER CRISIS MANAGEMENT — 0 / 9 (0%)

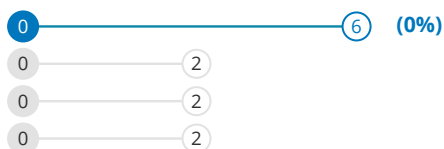|	Score	Max
10.1. Cyber crisis management plan	0	2
10.2. National cyber crisis management exercises	0	3
10.3. Participation in international cyber crisis exercises	0	2
10.4. Operational crisis reserve	0	2
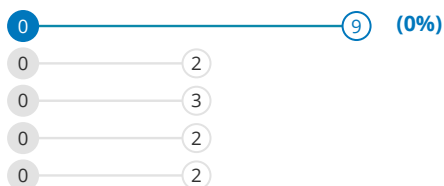
11. FIGHT AGAINST CYBERCRIME — 14 / 16 (88%)

	Score	Max
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	0	2
11.6. 24/7 contact point for international cybercrime		3
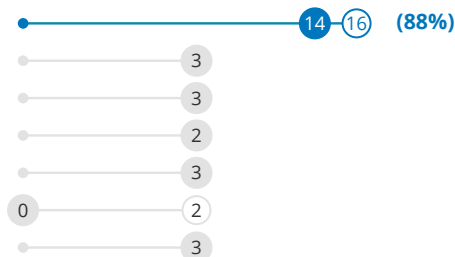
12. MILITARY CYBER DEFENCE — 0 / 6 (0%)

	Score	Max
12.1. Military cyber defence capacity	0	2
12.2. Military cyber doctrine	0	2
12.3. Military cyber defence exercises	0	2