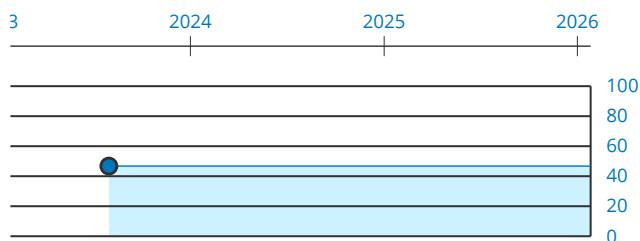


## 79. Ghana 46.75

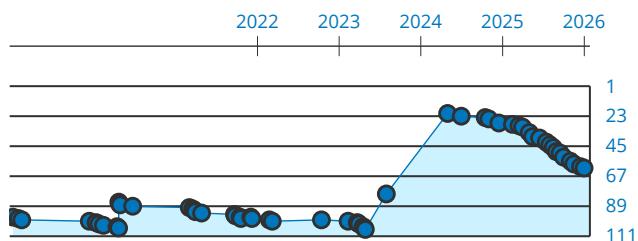
Population **27.7 million**  
 Area (km<sup>2</sup>) **238.5 thousand**  
 GDP per capita (\$) **4.6 thousand**

**79<sup>th</sup> National Cyber Security Index**  47 %  
**43<sup>rd</sup> Global Cybersecurity Index**  87 %  
**116<sup>th</sup> ICT Development Index**  41 %  
**96<sup>th</sup> Networked Readiness Index**  3 %

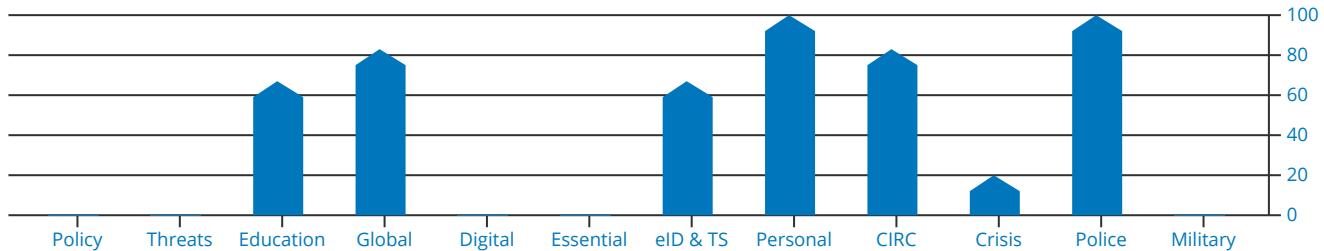
### NCSI DEVELOPMENT TIMELINE



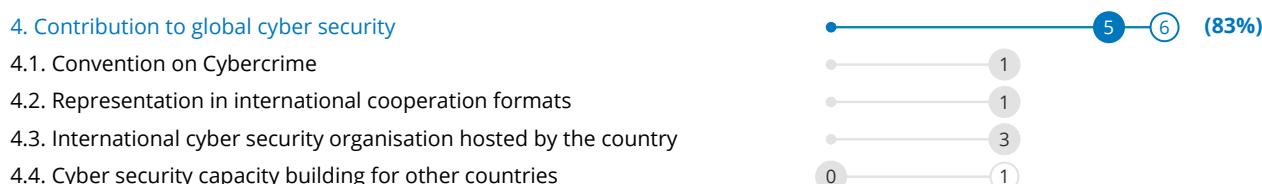
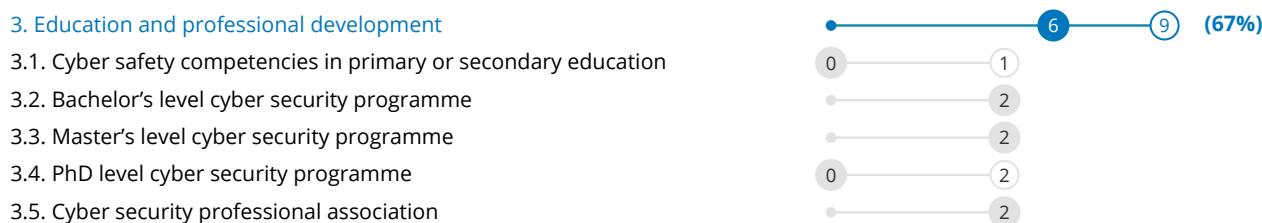
### RANKING TIMELINE



### NCSI FULFILMENT PERCENTAGE



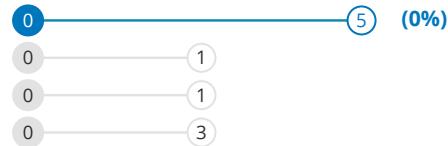
### GENERAL CYBER SECURITY INDICATORS



## BASELINE CYBER SECURITY INDICATORS

### 5. Protection of digital services

- 5.1. Cyber security responsibility for digital service providers
- 5.2. Cyber security standard for the public sector
- 5.3. Competent supervisory authority



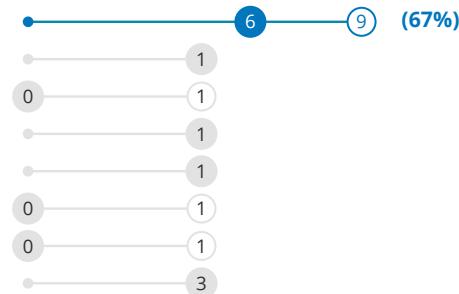
### 6. Protection of essential services

- 6.1. Operators of essential services are identified
- 6.2. Cyber security requirements for operators of essential services
- 6.3. Competent supervisory authority
- 6.4. Regular monitoring of security measures



### 7. E-identification and trust services

- 7.1. Unique persistent identifier
- 7.2. Requirements for cryptosystems
- 7.3. Electronic identification
- 7.4. Electronic signature
- 7.5. Timestamping
- 7.6. Electronic registered delivery service
- 7.7. Competent supervisory authority



### 8. Protection of personal data

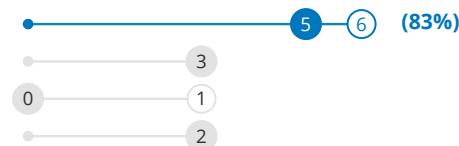
- 8.1. Personal data protection legislation
- 8.2. Personal data protection authority



## INCIDENT AND CRISIS MANAGEMENT INDICATORS

### 9. Cyber incidents response

- 9.1. Cyber incidents response unit
- 9.2. Reporting responsibility
- 9.3. Single point of contact for international coordination



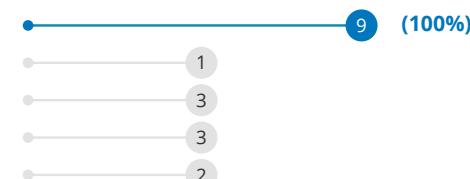
### 10. Cyber crisis management

- 10.1. Cyber crisis management plan
- 10.2. National-level cyber crisis management exercise
- 10.3. Participation in international cyber crisis exercises
- 10.4. Operational support of volunteers in cyber crises



### 11. Fight against cybercrime

- 11.1. Cybercrimes are criminalised
- 11.2. Cybercrime unit
- 11.3. Digital forensics unit
- 11.4. 24/7 contact point for international cybercrime



### 12. Military cyber operations

- 12.1. Cyber operations unit
- 12.2. Cyber operations exercise
- 12.3. Participation in international cyber exercises

