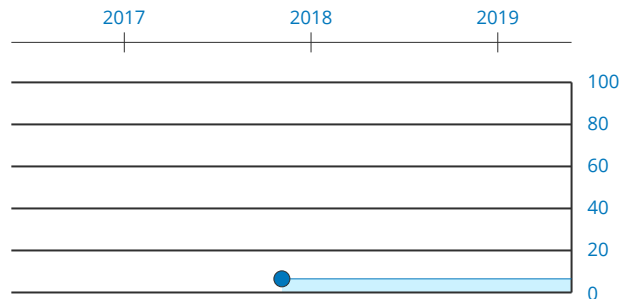


# 120. Sudan 6.49

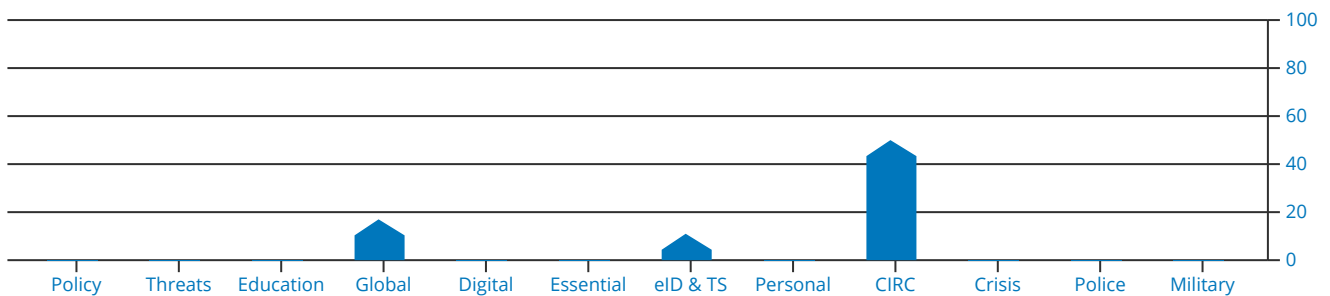
Population **39.6 million**  
 Area (km<sup>2</sup>) **1.9 million**  
 GDP per capita (\$) **4.7 thousand**

### NCSI DEVELOPMENT TIMELINE



**120<sup>th</sup> National Cyber Security Index** ██████████ 6 %  
**103<sup>rd</sup> Global Cybersecurity Index** ██████████ 29 %  
**145<sup>th</sup> ICT Development Index** ██████████ 26 %  
**N/A Networked Readiness Index** ██████████ 0 %

### NCSI FULFILMENT PERCENTAGE



### GENERAL CYBER SECURITY INDICATORS

- 1. Cyber security policy development** (0/7) (0%)
  - 1.1. Cyber security policy unit (0/3)
  - 1.2. Cyber security policy coordination format (0/2)
  - 1.3. Cyber security strategy (0/1)
  - 1.4. Cyber security strategy implementation plan (0/1)

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- 2. Cyber threat analysis and information** (0/5) (0%)
  - 2.1. Cyber threats analysis unit (0/3)
  - 2.2. Public cyber threat reports are published annually (0/1)
  - 2.3. Cyber safety and security website (0/1)

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- 3. Education and professional development** (0/9) (0%)
  - 3.1. Cyber safety competencies in primary or secondary education (0/1)
  - 3.2. Bachelor's level cyber security programme (0/2)
  - 3.3. Master's level cyber security programme (0/2)
  - 3.4. PhD level cyber security programme (0/2)
  - 3.5. Cyber security professional association (0/2)

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- 4. Contribution to global cyber security** (1/6) (17%)
  - 4.1. Convention on Cybercrime (0/1)
  - 4.2. Representation in international cooperation formats (0/1)
  - 4.3. International cyber security organisation hosted by the country (0/3)
  - 4.4. Cyber security capacity building for other countries (0/1)

## 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



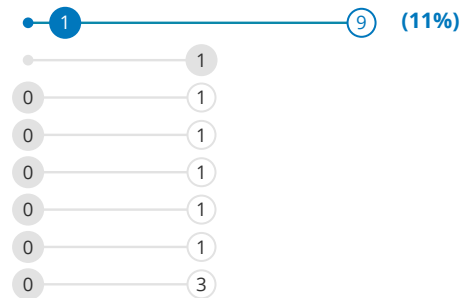
### 6. Protection of essential services

- 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

