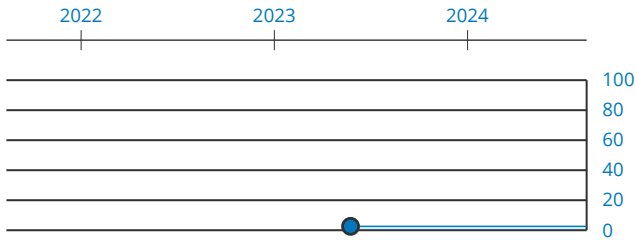


# 171. Tuvalu 2.60

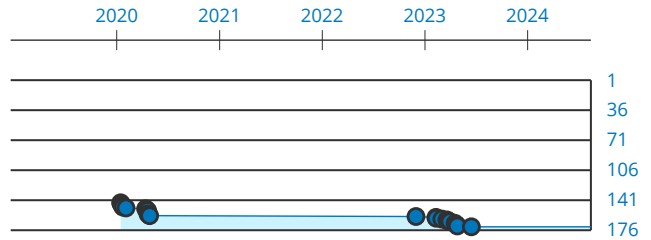
Population **0.0 million**  
 Area (km<sup>2</sup>) **0.0 thousand**  
 GDP per capita (\$) **3.6 thousand**

**171<sup>st</sup> National Cyber Security Index** ██████████ **3 %**  
**168<sup>th</sup> Global Cybersecurity Index** ██████████ **6 %**  
**N/A ICT Development Index** ██████████ **0 %**  
**N/A Networked Readiness Index** ██████████ **0 %**

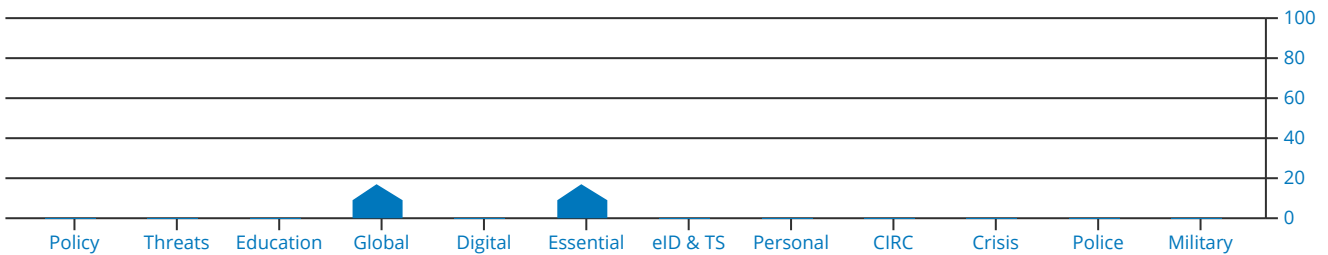
## NCSI DEVELOPMENT TIMELINE



## RANKING TIMELINE



## NCSI FULFILMENT PERCENTAGE



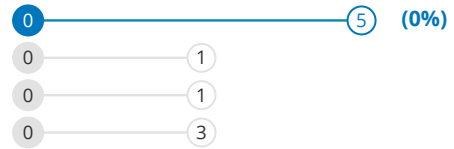
## GENERAL CYBER SECURITY INDICATORS

- 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
- 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
- 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
- 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

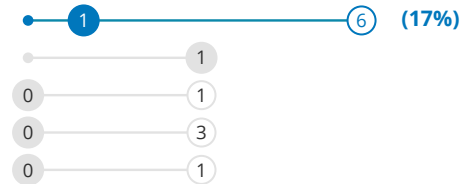
### 5. Protection of digital services

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



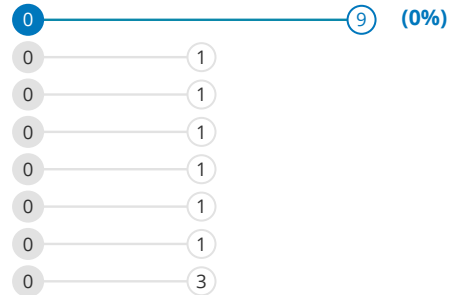
### 6. Protection of essential services

- 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

