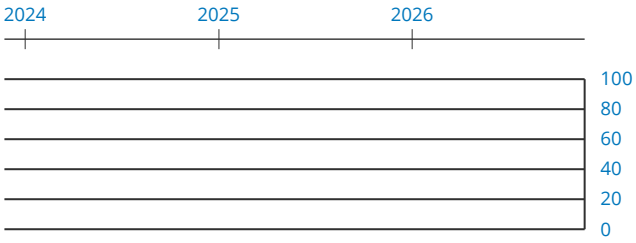
117. Tonga 25.97

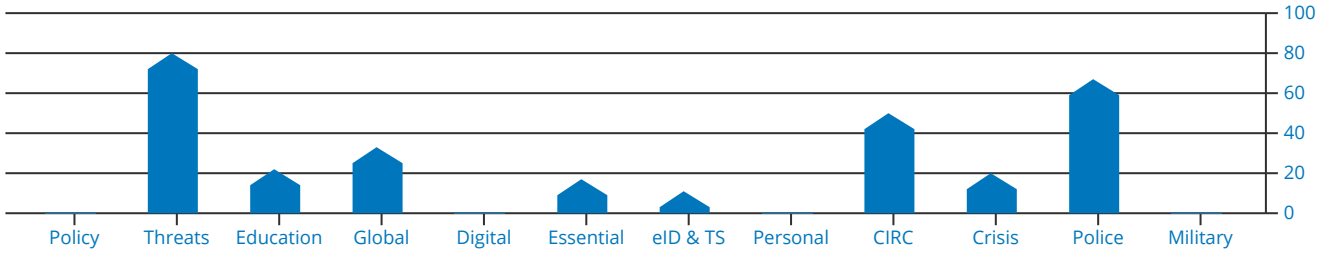
Population	**0.1** million
Area (km^2)	**0.7** thousand
GDP per capita ($)	**6.5** thousand

117th National Cyber Security Index	**26 %**
128th Global Cybersecurity Index	**21 %**
110th ICT Development Index	**43 %**
N/A Networked Readiness Index	**0 %**

NCSI DEVELOPMENT 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	4	5	(80%)
2.1. Cyber threats analysis unit		3	
2.2. Public cyber threat reports are published annually	0	1	
2.3. Cyber safety and security website		1	
3. Education and professional development	2	9	(22%)
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		2	
3.4. PhD level cyber security programme	0	2	
3.5. Cyber security professional association	0	2	
4. Contribution to global cyber security	2	6	(33%)
4.1. Convention on Cybercrime		1	
4.2. Representation in international cooperation formats		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	0	5	(0%)
5.1. Cyber security responsibility for digital service providers	0	1	
5.2. Cyber security standard for the public sector	0	1	
5.3. Competent supervisory authority	0	3	
6. Protection of essential services	1	6	(17%)
6.1. Operators of essential services are identified		1	
6.2. Cyber security requirements for operators of essential services	0	1	
6.3. Competent supervisory authority	0	3	
6.4. Regular monitoring of security measures	0	1	
7. E-identification and trust services	1	9	(11%)
7.1. Unique persistent identifier	0	1	
7.2. Requirements for cryptosystems	0	1	
7.3. Electronic identification	0	1	
7.4. Electronic signature		1	
7.5. Timestamping	0	1	
7.6. Electronic registered delivery service	0	1	
7.7. Competent supervisory authority	0	3	
8. Protection of personal data	0	4	(0%)
8.1. Personal data protection legislation	0	1	
8.2. Personal data protection authority	0	3	

INCIDENT AND CRISIS MANAGEMENT INDICATORS

9. Cyber incidents response	3	6	(50%)
9.1. Cyber incidents response unit		3	
9.2. Reporting responsibility	0	1	
9.3. Single point of contact for international coordination	0	2	
10. Cyber crisis management	1	5	(20%)
10.1. Cyber crisis management plan	0	1	
10.2. National-level cyber crisis management exercise	0	2	
10.3. Participation in international cyber crisis exercises		1	
10.4. Operational support of volunteers in cyber crises	0	1	
11. Fight against cybercrime	6	9	(67%)
11.1. Cybercrimes are criminalised		1	
11.2. Cybercrime unit	0	3	
11.3. Digital forensics unit		3	
11.4. 24/7 contact point for international cybercrime		2	
12. Military cyber operations	0	6	(0%)
12.1. Cyber operations unit	0	3	
12.2. Cyber operations exercise	0	2	
12.3. Participation in international cyber exercises	0	1	