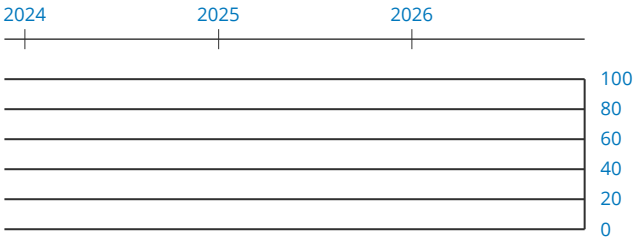
76. Panama 50.65

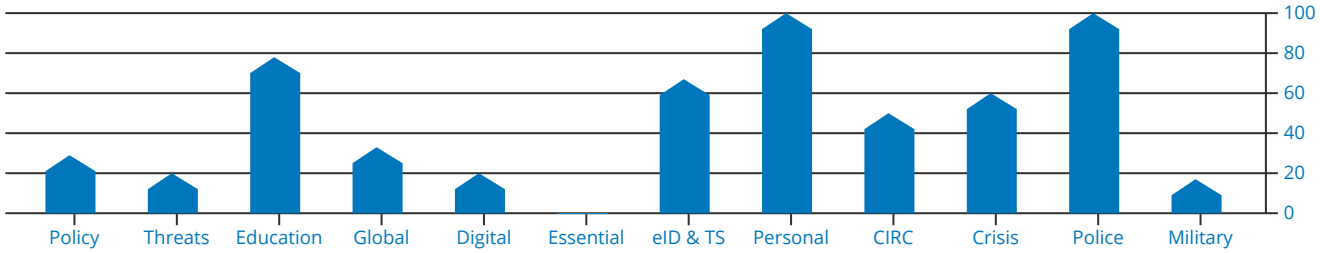
Population	**3.8** million
Area (km^2)	**75.4** thousand
GDP per capita ($)	**25.7** thousand

76th	National Cyber Security Index	51 %
103rd	Global Cybersecurity Index	34 %
94th	ICT Development Index	49 %
75th	Networked Readiness Index	3 %

NCSI DEVELOPMENT TIMELINE



NCSI FULFILMENT PERCENTAGE



GENERAL CYBER SECURITY INDICATORS

1. Cyber security policy development	2	7	(29%)
1.1. Cyber security policy unit	0	3	
1.2. Cyber security policy coordination format	0	2	
1.3. Cyber security strategy		1	
1.4. Cyber security strategy implementation plan		1	
2. Cyber threat analysis and information	1	5	(20%)
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		1	
3. Education and professional development	7	9	(78%)
3.1. Cyber safety competencies in primary or secondary education		1	
3.2. Bachelor's level cyber security programme		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		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	1	5	(20%)
5.1. Cyber security responsibility for digital service providers	0	1	
5.2. Cyber security standard for the public sector		1	
5.3. Competent supervisory authority	0	3	
6. Protection of essential services	0	6	(0%)
6.1. Operators of essential services are identified	0	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	6	9	(67%)
7.1. Unique persistent identifier		1	
7.2. Requirements for cryptosystems	0	1	
7.3. Electronic identification	0	1	
7.4. Electronic signature		1	
7.5. Timestamping		1	
7.6. Electronic registered delivery service	0	1	
7.7. Competent supervisory authority		3	
8. Protection of personal data	4		(100%)
8.1. Personal data protection legislation		1	
8.2. Personal data protection authority		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	3	5	(60%)
10.1. Cyber crisis management plan	0	1	
10.2. National-level cyber crisis management exercise		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	9		(100%)
11.1. Cybercrimes are criminalised		1	
11.2. Cybercrime unit		3	
11.3. Digital forensics unit		3	
11.4. 24/7 contact point for international cybercrime		2	
12. Military cyber operations	1	6	(17%)
12.1. Cyber operations unit	0	3	
12.2. Cyber operations exercise	0	2	
12.3. Participation in international cyber exercises		1	

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