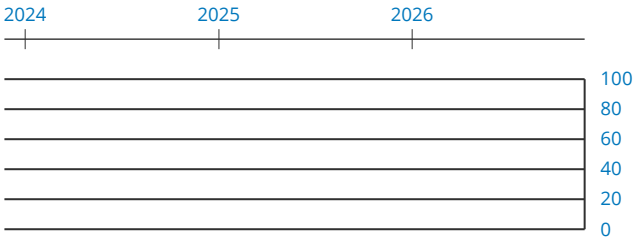
NCSI
national cyber security index

47. Paraguay 63.64

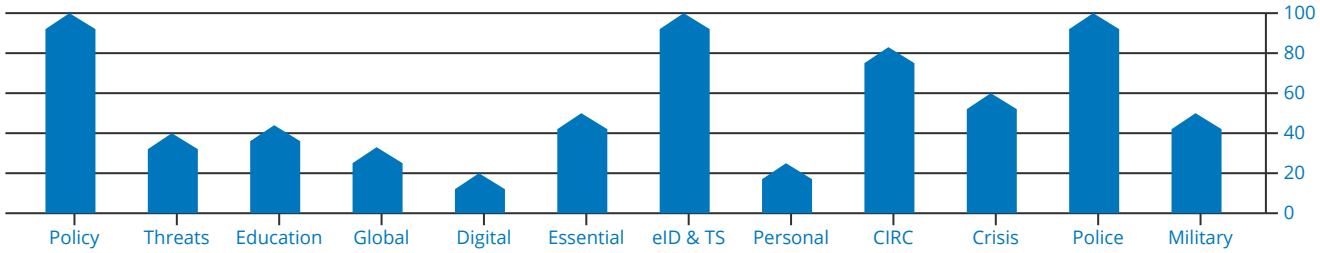
Population	**6.9** million
Area (km^2)	**406.8** thousand
GDP per capita ($)	**10.4** thousand

47th	National Cyber Security Index	64 %
84th	Global Cybersecurity Index	57 %
113th	ICT Development Index	42 %
88th	Networked Readiness Index	3 %

NCSI DEVELOPMENT TIMELINE



NCSI FULFILMENT PERCENTAGE



GENERAL CYBER SECURITY INDICATORS

1. Cyber security policy development		7	(100%)
1.1. Cyber security policy unit		3	
1.2. Cyber security policy coordination format		2	
1.3. Cyber security strategy		1	
1.4. Cyber security strategy implementation plan		1	
2. Cyber threat analysis and information	2	5	(40%)
2.1. Cyber threats analysis unit	0	3	
2.2. Public cyber threat reports are published annually		1	
2.3. Cyber safety and security website		1	
3. Education and professional development	4	9	(44%)
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		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	3 / 6	(50%)
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	3	
6.4. Regular monitoring of security measures	0 / 1	
7. E-identification and trust services	9	(100%)
7.1. Unique persistent identifier	1	
7.2. Requirements for cryptosystems	1	
7.3. Electronic identification	1	
7.4. Electronic signature	1	
7.5. Timestamping	1	
7.6. Electronic registered delivery service	1	
7.7. Competent supervisory authority	3	
8. Protection of personal data	1 / 4	(25%)
8.1. Personal data protection legislation	1	
8.2. Personal data protection authority	0 / 3	

INCIDENT AND CRISIS MANAGEMENT INDICATORS

9. Cyber incidents response	5 / 6	(83%)
9.1. Cyber incidents response unit	3	
9.2. Reporting responsibility	0 / 1	
9.3. Single point of contact for international coordination	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	3 / 6	(50%)
12.1. Cyber operations unit	0 / 3	
12.2. Cyber operations exercise	2	
12.3. Participation in international cyber exercises	1	