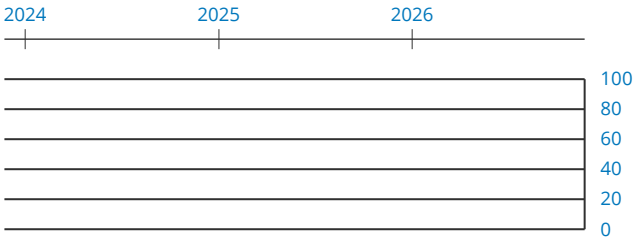
NCSI
national cyber security index

8. Portugal 89.61

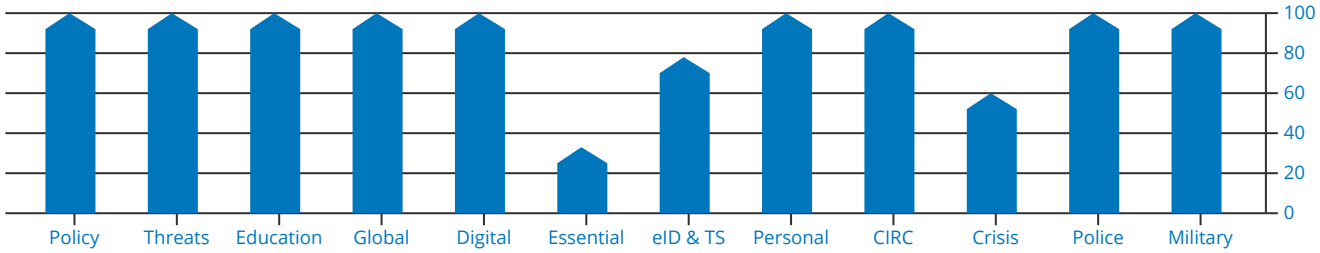
Population	**10.4** million
Area (km^2)	**92.1** thousand
GDP per capita ($)	**32.0** thousand

8th	National Cyber Security Index	90 %
14th	Global Cybersecurity Index	97 %
44th	ICT Development Index	71 %
29th	Networked Readiness Index	5 %

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	5	(100%)
2.1. Cyber threats analysis unit	3	
2.2. Public cyber threat reports are published annually	1	
2.3. Cyber safety and security website	1	
3. Education and professional development	9	(100%)
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	2	
3.5. Cyber security professional association	2	
4. Contribution to global cyber security	6	(100%)
4.1. Convention on Cybercrime	1	
4.2. Representation in international cooperation formats	1	
4.3. International cyber security organisation hosted by the country	3	
4.4. Cyber security capacity building for other countries	1	

BASELINE CYBER SECURITY INDICATORS

5. Protection of digital services		5	(100%)
5.1. Cyber security responsibility for digital service providers		1	
5.2. Cyber security standard for the public sector		1	
5.3. Competent supervisory authority		3	
6. Protection of essential services	2	6	(33%)
6.1. Operators of essential services are identified		1	
6.2. Cyber security requirements for operators of essential services		1	
6.3. Competent supervisory authority	0	3	
6.4. Regular monitoring of security measures	0	1	
7. E-identification and trust services	7	9	(78%)
7.1. Unique persistent identifier	0	1	
7.2. Requirements for cryptosystems	0	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		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		6	(100%)
9.1. Cyber incidents response unit		3	
9.2. Reporting responsibility		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		6	(100%)
12.1. Cyber operations unit		3	
12.2. Cyber operations exercise		2	
12.3. Participation in international cyber exercises		1	

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