

THEFT: SECURE MATERIALS

AUSTRALIA

2020
RANK

1

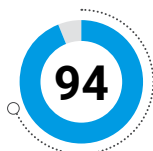
2020
SCORE

93

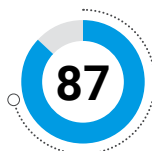
CHANGE
SINCE 2018

+1

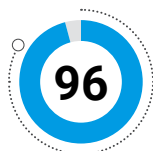

Quantities
and Sites




Security and Control
Measures



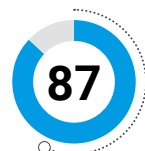

Global
Norms




Domestic Commitments
and Capacity









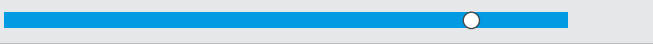
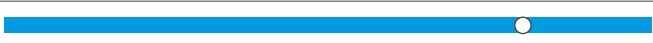







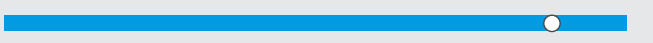
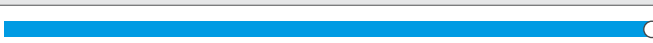




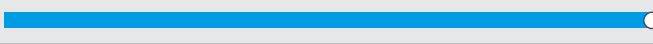
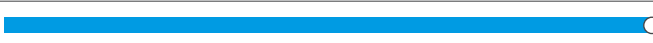



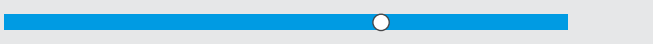
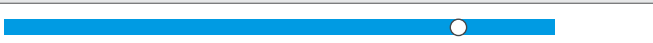




Risk
Environment



● High Score ● Medium Score ● Low Score ○ Index Median

0 20 40 60 80 100

**2020
Score** **Change
since 2018**

 Quantities and Sites		94	0
● Quantities of Nuclear Materials		100	0
● Sites and Transportation		100	0
● Material Production/Elimination Trends		75	0
 Security and Control Measures		87	0
● On-Site Physical Protection		100	0
● Control and Accounting Procedures		90	0
● Insider Threat Prevention		73	0
● Physical Security During Transport		100	0
● Response Capabilities		100	0
● Cybersecurity		75	0
● Security Culture		75	0
 Global Norms		96	+4
● International Legal Commitments		100	0
● Voluntary Commitments		100	+17
● International Assurances		85	0
● Nuclear Security INFCIRCs		100	0
 Domestic Commitments and Capacity		100	0
● UNSCR 1540 Implementation		100	0
● Domestic Nuclear Security Legislation		100	0
● Independent Regulatory Agency		100	0
 Risk Environment		87	0
● Political Stability		85	0
● Effective Governance		88	0
● Pervasiveness of Corruption		100	0
● Illicit Activities by Non-State Actors		75	0

= denotes tie in rank

Scores are normalized (0–100, where 100 = most favorable nuclear security conditions)

SABOTAGE: PROTECT FACILITIES

AUSTRALIA

2020
RANK

1

2020
SCORE

92

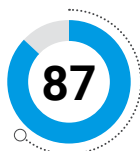
CHANGE
SINCE 2018

+1

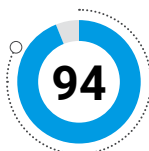
Number
of Sites



Security and Control
Measures



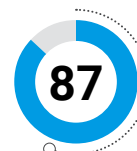
Global
Norms



Domestic Commitments
and Capacity



Risk
Environment



● High Score ● Medium Score ● Low Score ○ Index Median

0 20 40 60 80 100

**2020
Score** **Change
since 2018**

Number of Sites		100	0
● Number of Sites		100	0
Security and Control Measures		87	0
● On-Site Physical Protection		100	0
● Control and Accounting Procedures		100	0
● Insider Threat Prevention		73	0
● Response Capabilities		100	0
● Cybersecurity		75	0
● Security Culture		75	0
Global Norms		94	+4
● International Legal Commitments		100	0
● Voluntary Commitments		100	+17
● International Assurances		78	0
● Nuclear Security INFCIRCs		100	0
Domestic Commitments and Capacity		100	0
● UNSCR 1540 Implementation		100	0
● Domestic Nuclear Security Legislation		100	0
● Independent Regulatory Agency		100	0
Risk Environment		87	0
● Political Stability		85	0
● Effective Governance		88	0
● Pervasiveness of Corruption		100	0
● Illicit Activities by Non-State Actors		75	0

= denotes tie in rank

Scores are normalized (0–100, where 100 = most favorable nuclear security conditions)

RADIOLOGICAL

		Australia
NATIONAL MEASURES		
Regulatory Oversight	Does the country maintain a radioactive source regulatory oversight body?	Yes
Security Measures	Are there regulations that require security measures to be in place to protect radioactive sources?	Yes
State Registry	Does the state maintain a registry of radioactive sources?	No or no data available
Inspection Authority	Does the state have authority to inspect facilities with radioactive sources?	Yes
Export Licenses	Are there licensing requirements for exporting IAEA Category 1 sources?	Yes
GLOBAL NORMS		
IAEA Code of Conduct Status	Has the state made a political commitment and notified the IAEA of their intent to abide by the Code of Conduct on the Safety and Security of Radioactive Sources?	Yes
	Has the state notified the IAEA of their intent to abide by the Guidance on the Import and Export of Radioactive Sources?	Yes
	Has the state nominated a Point of Contact to facilitate imports and exports of radioactive source material?	Yes
	Has the state made available their responses to the IAEA Importing and Exporting States Questionnaire?	Yes
	Has the state notified the IAEA of their commitment to implement the Guidance on the Management of Disused Radioactive Sources?	Yes
International Participation	Does the state participate in the Global Initiative to Combat Nuclear Terrorism (GICNT)?	Yes
	Did the state send an official delegation to the 2018 International Conference on the Security of Radioactive Material?	No
International Conventions	Is the country a state party to the International Convention for the Suppression of Acts of Nuclear Terrorism (ICSANT)?	Yes
	Is the country a state party to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management?	Yes
	Is the country a state party to the Convention on Assistance in the Case of Nuclear Accident or Radiological Emergency?	Yes
COMMITMENT AND CAPACITY TO ADOPT ALTERNATIVE TECHNOLOGIES		
Intent	Has the state subscribed to INFCIRC/910?	Yes
Implementation	Has the country publicly declared a regulatory requirement, policy, or commitment to implementing alternative technology to replace high-activity radioactive sources?	No or no data available
Capacity	What is the average percentage of businesses experiencing power outages each month?	No data
	What percentage of the population over 25 holds a tertiary degree or higher?	Many people with degrees (80th–99th percentile)
RISK ENVIRONMENT		
Political Stability	What is the risk of significant social unrest during the next two years?	Low
	How clear, established, and accepted are constitutional mechanisms for the orderly transfer of power from one government to another?	Very clear, established, and accepted
	Is there a risk that international disputes/tensions will negatively affect the polity during the next two years?	Low
	Is this country presently subject to armed conflict, or is there at least a moderate risk of such conflict during the next two years?	No armed conflict exists
	Are violent demonstrations or violent civil/labor unrest likely to occur during the next two years?	Low
Effective Governance	How effective is the country's political system in formulating and executing policy?	High
	What is the quality of the country's bureaucracy and its ability to carry out government policy?	Very high
Pervasiveness of Corruption	How pervasive is corruption among public officials?	Very low
Illicit Activities by Non-State Actors	How likely is it that domestic or foreign terrorists will attack with a frequency or severity that causes substantial disruption to business operations?	Low
	How likely is organized crime to be a problem for government and/or business?	Low
	How many firearms were seized during the interdiction of illicit weapons trafficking?	Very high