

**THEFT: SECURE MATERIALS**

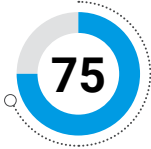
# SOUTH AFRICA

2020 RANK  
**=16**

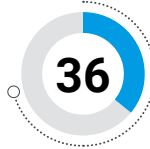
2020 SCORE  
**57**

CHANGE SINCE 2018  
**+1**

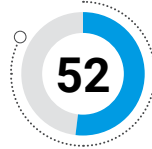
 Quantities and Sites



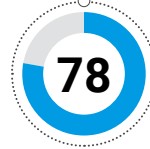
 Security and Control Measures



 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**

	2020 Score	Change since 2018
 <b>Quantities and Sites</b>	<b>75</b>	<b>0</b>
● Quantities of Nuclear Materials	50	0
● Sites and Transportation	100	0
● Material Production/Elimination Trends	75	0
 <b>Security and Control Measures</b>	<b>36</b>	<b>0</b>
● On-Site Physical Protection	40	0
● Control and Accounting Procedures	70	0
● Insider Threat Prevention	36	0
● Physical Security During Transport	0	0
● Response Capabilities	75	0
● Cybersecurity	25	0
● Security Culture	0	0
 <b>Global Norms</b>	<b>52</b>	<b>+2</b>
● International Legal Commitments	86	0
● Voluntary Commitments	50	+17
● International Assurances	46	-8
● Nuclear Security INFCIRC	0	0
 <b>Domestic Commitments and Capacity</b>	<b>78</b>	<b>0</b>
● UNSCR 1540 Implementation	100	0
● Domestic Nuclear Security Legislation	33	0
● Independent Regulatory Agency	100	0
 <b>Risk Environment</b>	<b>53</b>	<b>+4</b>
● Political Stability	65	0
● Effective Governance	50	0
● Pervasiveness of Corruption	50	0
● Illicit Activities by Non-State Actors	45	+15

= denotes tie in rank

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

SABOTAGE: PROTECT FACILITIES

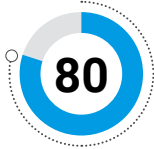
**SOUTH AFRICA**

2020 RANK  
**35**

2020 SCORE  
**56**

CHANGE SINCE 2018  
**+1**

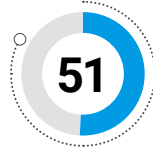
Number of Sites



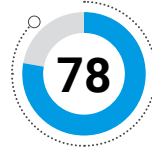
Security and Control Measures



Global Norms



Domestic Commitments and Capacity



Risk Environment



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



2020 Score Change since 2018

	2020 Score	Change since 2018
<b>Number of Sites</b>	<b>80</b>	<b>0</b>
Number of Sites	80	0
<b>Security and Control Measures</b>	<b>40</b>	<b>0</b>
On-Site Physical Protection	40	0
Control and Accounting Procedures	75	0
Insider Threat Prevention	27	0
Response Capabilities	75	0
Cybersecurity	25	0
Security Culture	0	0
<b>Global Norms</b>	<b>51</b>	<b>0</b>
International Legal Commitments	86	0
Voluntary Commitments	50	+17
International Assurances	44	-12
Nuclear Security INFCIRCs	0	0
<b>Domestic Commitments and Capacity</b>	<b>78</b>	<b>0</b>
UNSCR 1540 Implementation	100	0
Domestic Nuclear Security Legislation	33	0
Independent Regulatory Agency	100	0
<b>Risk Environment</b>	<b>53</b>	<b>+4</b>
Political Stability	65	0
Effective Governance	50	0
Pervasiveness of Corruption	50	0
Illicit Activities by Non-State Actors	45	+15

= denotes tie in rank

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

<b>NATIONAL MEASURES</b>		
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
<b>GLOBAL NORMS</b>		
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?	No
International Participation	Does the state participate in the Global Initiative to Combat Nuclear Terrorism (GICNT)?	No
	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
<b>COMMITMENT AND CAPACITY TO ADOPT ALTERNATIVE TECHNOLOGIES</b>		
Intent	Has the state subscribed to INFCIRC/910?	No
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?	20th–39th percentile
	What percentage of the population over 25 holds a tertiary degree or higher?	Few people with degrees (0–19th percentile)
<b>RISK ENVIRONMENT</b>		
Political Stability	What is the risk of significant social unrest during the next two years?	High
	How clear, established, and accepted are constitutional mechanisms for the orderly transfer of power from one government to another?	Clear, established, and accepted
	Is there a risk that international disputes/tensions will negatively affect the polity during the next two years?	No threat
	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?	High
Effective Governance	How effective is the country's political system in formulating and executing policy?	Moderate
	What is the quality of the country's bureaucracy and its ability to carry out government policy?	Moderate
Pervasiveness of Corruption	How pervasive is corruption among public officials?	Moderate
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?	High
	How many firearms were seized during the interdiction of illicit weapons trafficking?	No data