



2023 RANK
8

2023 SCORE
80

CHANGE SINCE 2020
+2

JAPAN

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 **2023 Score** **Change since 2020**

	2023 Score	Change since 2020
Quantities and Sites	42	0
● Quantities of Nuclear Materials	25	0
● Sites and Transportation	38	0
● Material Production/Elimination Trends	75	0
Security and Control Measures	78	+4
● On-Site Physical Protection	80	0
● Control and Accounting Procedures	70	0
● Insider Threat Prevention	82	+9
● Physical Security During Transport	100	0
● Response Capabilities	100	0
● Cybersecurity	63	+13
● Security Culture	50	0
Global Norms	99	0
● International Legal Commitments	100	0
● Voluntary Commitments	100	0
● International Assurances	94	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	79	+1
● Political Stability	90	+10
● Effective Governance	88	0
● Pervasiveness of Corruption	75	0
● Illicit Activities by Non-State Actors	65	-5

= denotes tie in rank

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



SABOTAGE: PROTECT FACILITIES

2023 RANK
9

2023 SCORE
85

CHANGE SINCE 2020
+1

JAPAN

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 **2023 Score** **Change since 2020**

	Number of Sites		○	20	0
●	Number of Sites		○	20	0
	Security and Control Measures		○	77	+4
●	On-Site Physical Protection		○	80	0
●	Control and Accounting Procedures		○	88	0
●	Insider Threat Prevention		○	82	+9
●	Response Capabilities		○	100	0
●	Cybersecurity		○	63	+13
●	Security Culture		○	50	0
	Global Norms		○	100	0
●	International Legal Commitments		○	100	0
●	Voluntary Commitments		○	100	0
●	International Assurances		○	100	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		○	79	+1
●	Political Stability		○	90	+10
●	Effective Governance		○	88	0
●	Pervasiveness of Corruption		○	75	0
●	Illicit Activities by Non-State Actors		○	65	-5

= denotes tie in rank

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



NATIONAL MEASURES		
Regulatory Oversight	Does the country/area 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 International Atomic Energy Agency (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?	No
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 2022 International Conference on Safety and Security of Radioactive Sources?	Yes
International Conventions	Is the country/area a state party to the International Convention for the Suppression of Acts of Nuclear Terrorism (ICSANT)?	Yes
	Is the country/area 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/area 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 IAEA Information Circular (INFCIRC) 910?	No
Implementation	Has the country/area publicly declared a regulatory requirement, policy, or commitment to implementing alternative technology to replace high-activity radioactive sources?	No
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?	Very 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?	Moderate
	Is this country/area 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?	Very low
Effective Governance	How effective is the country/area's political system in formulating and executing policy?	High
	What is the quality of the country/area's bureaucracy and its ability to carry out government policy?	Very high
Pervasiveness of Corruption	How pervasive is corruption among public officials?	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?	High