

THEFT: SECURE MATERIALS

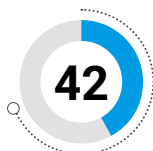
JAPAN

2020
RANK
8

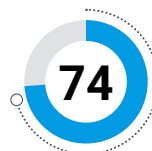
2020
SCORE
77

CHANGE
SINCE 2018
-1

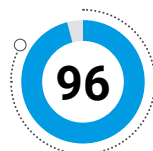

Quantities
and Sites




Security and Control
Measures



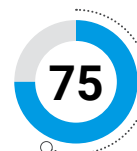

Global
Norms









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							42	-6
●	Quantities of Nuclear Materials							25	0
●	Sites and Transportation							38	0
●	Material Production/Elimination Trends							75	-25
	Security and Control Measures							74	0
●	On-Site Physical Protection							80	0
●	Control and Accounting Procedures							70	0
●	Insider Threat Prevention							73	0
●	Physical Security During Transport							100	0
●	Response Capabilities							100	0
●	Cybersecurity							50	0
●	Security Culture							50	0
	Global Norms							96	+2
●	International Legal Commitments							100	0
●	Voluntary Commitments							100	0
●	International Assurances							85	+8
●	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							75	0
●	Political Stability							80	0
●	Effective Governance							75	0
●	Pervasiveness of Corruption							75	0
●	Illicit Activities by Non-State Actors							70	0

= denotes tie in rank

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

SABOTAGE: PROTECT FACILITIES

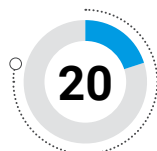
JAPAN

2020
RANK
=9

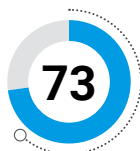
2020
SCORE
82

CHANGE
SINCE 2018
+1

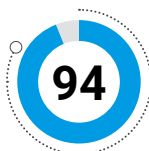

Number
of Sites




Security and Control
Measures



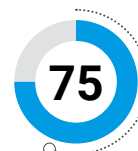

Global
Norms









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							20	0
●	Number of Sites							20	0
	Security and Control Measures							73	0
●	On-Site Physical Protection							80	0
●	Control and Accounting Procedures							88	0
●	Insider Threat Prevention							73	0
●	Response Capabilities							100	0
●	Cybersecurity							50	0
●	Security Culture							50	0
	Global Norms							94	+3
●	International Legal Commitments							100	0
●	Voluntary Commitments							100	0
●	International Assurances							78	+11
●	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							75	0
●	Political Stability							80	0
●	Effective Governance							75	0
●	Pervasiveness of Corruption							75	0
●	Illicit Activities by Non-State Actors							70	0

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

RADIOLOGICAL

		Japan
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?	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 2018 International Conference on the Security of Radioactive Material?	Yes
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?	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?	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?	Moderate
	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?	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?	Moderate
	How many firearms were seized during the interdiction of illicit weapons trafficking?	Moderate