



2023 RANK  
**=13**

2023 SCORE  
**66**

CHANGE SINCE 2020  
**-2**

# KAZAKHSTAN

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
<b>Quantities and Sites</b>	<b>72</b>	<b>0</b>
● Quantities of Nuclear Materials	38	0
● Sites and Transportation	88	0
● Material Production/Elimination Trends	100	0
<b>Security and Control Measures</b>	<b>57</b>	<b>0</b>
● On-Site Physical Protection	80	0
● Control and Accounting Procedures	70	0
● Insider Threat Prevention	36	0
● Physical Security During Transport	100	0
● Response Capabilities	63	0
● Cybersecurity	25	0
● Security Culture	25	0
<b>Global Norms</b>	<b>82</b>	<b>-2</b>
● International Legal Commitments	100	0
● Voluntary Commitments	100	0
● International Assurances	33	-6
● Nuclear Security INFCIRCs	100	0
<b>Domestic Commitments and Capacity</b>	<b>95</b>	<b>0</b>
● UNSCR 1540 Implementation	80	0
● Domestic Nuclear Security Legislation	100	0
● Independent Regulatory Agency	100	0
<b>Risk Environment</b>	<b>23</b>	<b>-10</b>
● Political Stability	30	-25
● Effective Governance	25	0
● Pervasiveness of Corruption	25	0
● Illicit Activities by Non-State Actors	10	-15

= denotes tie in rank

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



**SABOTAGE: PROTECT FACILITIES**

2023 RANK  
**31**

2023 SCORE  
**65**

CHANGE SINCE 2020  
**-4**

# KAZAKHSTAN

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**

	<b>Number of Sites</b>		<b>80</b>	<b>0</b>
●	Number of Sites		80	0
	<b>Security and Control Measures</b>		<b>53</b>	<b>0</b>
●	On-Site Physical Protection		80	0
●	Control and Accounting Procedures		88	0
●	Insider Threat Prevention		36	0
●	Response Capabilities		63	0
●	Cybersecurity		25	0
●	Security Culture		25	0
	<b>Global Norms</b>		<b>82</b>	<b>-2</b>
●	International Legal Commitments		100	0
●	Voluntary Commitments		100	0
●	International Assurances		33	-9
●	Nuclear Security INFCIRCs		100	0
	<b>Domestic Commitments and Capacity</b>		<b>95</b>	<b>-5</b>
●	UNSCR 1540 Implementation		80	-20
●	Domestic Nuclear Security Legislation		100	0
●	Independent Regulatory Agency		100	0
	<b>Risk Environment</b>		<b>23</b>	<b>-10</b>
●	Political Stability		30	-25
●	Effective Governance		25	0
●	Pervasiveness of Corruption		25	0
●	Illicit Activities by Non-State Actors		10	-15

= 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?	Yes
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?	No
	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?	No
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?	Yes
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?	20th–39th percentile
	What percentage of the population over 25 holds a tertiary degree or higher?	60th–79th percentile
RISK ENVIRONMENT		
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?	Not clear, established, or accepted
	Is there a risk that international disputes/tensions will negatively affect the polity during the next two years?	High
	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?	Sporadic conflict; government control is firm, but opposition engages in isolated incidents of violence
	Are violent demonstrations or violent civil/labor unrest likely to occur during the next two years?	High
Effective Governance	How effective is the country/area's political system in formulating and executing policy?	Low
	What is the quality of the country/area's bureaucracy and its ability to carry out government policy?	Low
Pervasiveness of Corruption	How pervasive is corruption among public officials?	High
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?	Moderate
	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?	Very high