## **Country-by-Country Evaluation**

				Nuclea	r-Weap	on Stat	es	Not	n-NPT	Parties	s									Non-N	luclear	Weapo	n State	es									Other
Nuclear Disarmament	Maximum points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	K AUS	AU'	T BRA	CAN	N EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	POL	SAU	RSA	SWE	SWI	SYR	TUR	PRK
1 Status of Nuclear Forces (estimates)	-20																																
Status of nuclear forces (estimates)	-20	-5 (~50); -6 (51~100); -8 (101~200); -10 (201~400); -12 (401~1,000); -14 (1,001~2,000); -16 (2,001~4,000); -17 (4,001~6,000); -19 (6,001~8,000); -20 (8,001~) (not applicable to the NNWS)	-12	-10	-17	-10	-17	-8	-6	-8	_	-	_	_	_	_	_		_	_	_		_	_	_	_	_	_	_	-		I	-5
2 Commitment to Achieving a World without Nuclear Weapons	9																																
A) Voting behavior on UNGA resolutions on nuclear disarmament proposals by Japan, NAC and NAM	6	On each resolution: 0 (against); 1 (abstention); 2 (in favor)	3	1	0	2	2	2	1	3	3	4	5	2	5	2	5	4	4	6	2	6	2	4	2	2	6	4	2	4	4	2	1
B) Announcement of significant policies and important activities	3	Add 1 point for each policy, proposal and other initiatives having a major impact on global momentum toward a world without nuclear weapons (maximum 3 points)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C) Actions that run counter to nuclear disarmament	-3	Deduct 1~3 points for actions that run counter to nuclear disarmament, excluding actions evaluated under other items	0	0	-2	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 Humanitarian Consequences of Nuclear Weapons	5																																
A) Voting behavior on UNGA resolutions	2	On each resolution: 0 (against); 0.5 (abstention); 1 (in favor)	1	0	0	0	0	1.5	0	1	0.5	2	2	0.5	2	0.5	2	2	1.5	2	0.5	2	0.5	2	0.5	0	2	2	0.5	1.5	2	0.5	1
B) Participation in joint statements and international conferences	1	Add 0.5 point on each participation in joint statements and international conferences on humanitarian consequences of nuclear weapons	0.5	0	0	0	0	0.5	0	0	0.5	0.5	1	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	1	0.5	0	0	1	0	0.5	0	0.5	0
C) Victim assistance and environmental remediation	2	Add 1 point on each victim assistance and environmental remediationincluding, 0 (against); 0.5 (abstention); 1 (in favor) for the UNGA resolution	0.5	0	0	0	1	0.5	0.5	0.5	5 1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0.5	1	1	1	1	1	1	0
4 Treaty on the Prohibition of Nuclear Weapons (TPNW)	10																																
A) Signing and ratifying the TPNW	7	0 (not signing); 3 (not ratifying); 7 (ratifying) As for non-signing states, add 1 point for participating in meetings as observers	0	0	0	0	0	0	0	0	0	7	3	0	0	0	7	0	0	7	0	7	0	7	0	0	0	7	0	0	0	0	0
B) Voting behavior on UNGA resolutions on TPNW	1	0 (against); 0.5 (abstention); 1 (in favor)	0	0	0	0	0	0	0	0	0.5	1	1	0	1	0	1	1	0	1	0	1	0	1	0	0	0.5	1	0	0.5	0	0	0
C) Voting behavior on for legally binding UNGA resolutions on prohibition of nuclear weapons	2	On each resolution: 0 (against); 0.5 (abstention); 1 (in favor)	2	0	0.5	0	0	1.5	0	1	0	1	1.5	0.5	2	0	2	2	1	2	0	2	0.5	1	0.5	0	2	2	0	1	1	0	1

				Nuclea	r-Weap	on State	es	Non	-NPT P	arties										Non-N	uclear	Weapo	on State	es									Othe
Nuclear Disarmament	Maximun points	n Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NEC	NZL	NOR	POL	SAU	RSA	SWE	SWI	SYR	TUR	PR'
Reduction of Nuclear Weapons	22																																
A) Reduction of nuclear weapons	15	•Add 1~10 points in accordance with the decuple rate of reduction from the previous fiscal year for a country having declared the number of nuclear weapons  • For a country having not declared it, add some points using the following formula: (the previous target – the latest target) ÷ the estimated number of nuclear weapons × 10  • Add 1 (engaging in nuclear weapons reduction over the past five years); add 1 (engaging in nuclear weapons reduction under legally-binding frameworks such as New Strategic Arms Reduction Treaty); add 1 (announcing further reduction plan and implementing it in 2023)  • Give a full score (15 points) in case of the total abolition of nuclear weapons  • -1 (increase of the number of possessed nuclear weapons in the past five years without any reductions)  (not applicable to the NNWS)	-3.2	1	2.5	-1	2.4	-1.5	-1	-1	_	_	-	_	_	_	_	_	_	_	_	_	_	_	-	_	_	-	_	_		_	-7
B) Concrete plans for further reduction of nuclear weapons	3	0 (no announcement on a plan of nuclear weapons reduction); 1 (declaring a rough plan of nuclear weapons reduction); 2 (declaring a plan on the size of nuclear weapons reduction); 3 (declaring a concrete and detailed plan of reduction)  (not applicable to the NNWS)	0	0	0	0	0	0	0	0	_	_	_	_	_	-	_	_	-	_	_	_	_	-	-	-	_	-	-	_	_	_	C
C) Trends on strengthening/modernizing nuclear weapons capabilities	4	0 (modernizing/reinforcing nuclear forces in a backward move toward nuclear weapons reduction): 2~3 (modernizing/reinforcing nuclear forces which may not lead to increasing the number of nuclear weapons); 4 (not engaging in nuclear modernization/reinforcement)  (not applicable to the NNWS)	0	3	0	3	2	0	2	0	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_	_	(
Diminishing the Roles and Significance of Nuclear Weapons in National Security Strategies and Policies	12																																
A) Current status of the roles and significance of nuclear weapons	-8	Deduct 6 points for reliance on nuclear weapons for their national security, and deduct 2 points for actions such as threats with nuclear weapons (not applicable to the NNWS)	-6	-6	-8	-6	-6	-6	-6	-6	_	_	-	-	_	-	_	_	_	_	_	-	_	-	-	-	-	-	_	-	ı	_	٠
B) Commitment to no first use, "sole purpose," and related doctrines	3	0 (not adopting either policy); 2 (adopting a similar policy or expressing its will to adopt either policy in the future); 3 (already adopting either policy) Deduct 2 points for actions that violate the commitment and 1 point for words and deeds that raise doubts about the commitment	3	0	0	0	0	2	0	0	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	(

			]	Nuclea	ır-Weap	oon Stat	ies	Nor	n-NPT	Parties									]	Non-Ni	ıclear V	Weapo	n State	s									Other
Nuclear Disarmament	Maximus points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	POL	SAU	RSA	SWE	swi	SYR	TUR	PRK
C) Negative security assurances	2	0 (not declaring); 1 (declaring with reservations); 2 (declaring without reservations) Deduct 2 points for actions that violate the commitment and 1 point for words and deeds that raise doubts about the commitment  (not applicable to the NNWS)	2	1	-1	1	1	2	0	2	_	-	_	_	_	_	ı	_	_	1	-	_	_	_	_	_	_	_	_	_	_	_	1
D) Voting behavior on UNGA resolutions on legally binding security assurances for NNWS	1	0 (against); 0.5 (abstention); 1 (in favor)	1	0.5	0.5	0.5	0.5	1	0.5	1	0.5	0.5	1	0.5	1	0.5	1	1	1	1	0.5	1	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	1	0.5	0.5
E) Signing and ratifying the protocols of the treaties on nuclear-weapon-free zones	3	Add 0.5 point for the ratification of one protocol; a country ratifying all protocols marks 3 points (not applicable to the NNWS)	2	2	2	2	0.5	_	-	-	_	-	-	_	-	_	ı	ı	_		-	-	-	-	_	-	-	-	-	ı	-	-	_
F) Relying on extended nuclear deterrence	-5	(not applicable to the NWS and Non-NPT Parties)  (applied solely to the NNWS): -5 (a country relying on the nuclear umbrella and participating in nuclear sharing); -3 (a country relying on the nuclear umbrella); 0 (a country not relying on the nuclear umbrella)	_	_	_	_	_	_	_	_	-3	0	0	-3	0	-5	0	0	-3	0	-3	0	-5	0	-3	-3	0	0	-3	0	0	-5	_
G) Nuclear risk reduction	3	NWS and Non-NPT Parties: Add 1~2 points for implementing concrete measures for nuclear risk reduction, add another 1 point for proposals and initiatives.	0	0	0	0	1	0	0	0	_	-	-	-	-	-	-	_	_	-	-	-	-	-	-	-	-	_	_	-	-	_	0
		NNWS: 1 point for proposals and initiatives.	-	ı	-	-	-	-	-	ı	0	0	0	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	-
H) Actions that increases nuclear risk	-3	Deduct 3 points for actions that increase nuclear risk	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
De-alerting or Measures for Maximizing Decision Time to Authorize the Use of Nuclear Weapons	4																																
De-alerting or measures for maximizing decision time to authorize the use of nuclear weapons	4	0~1 (maintaining a high alert level); 2 (maintaining a certain alert level); 3 (de-alerting during peacetime); add 1 point for implementing measures for increasing the credibility of (lowered) alert status (not applicable to the NNWS)		2	1	2	1	3	2	3	_	_	_	_	_	_	_	_	_		_	_	_	_	_	_	_	_	_	_	_	_	3
8 CTBT	12																																
A) Signing and ratifying the CTBT	4	0 (not signing); 2 (not ratifying); 4 (ratifying)	2	4	2	4	2	0	2	0	4	4	4	4	2	4	4	2	4	4	4	4	4	4	4	4	0	4	4	4	0	4	0
B) Moratoria on nuclear test explosions pending CTBT's entry into force	3	0 (not declaring); 2 (declaring); 3 (declaring and closing nuclear test sites)  (not applicable to the NNWS)	2	3	2	2	2	2	0	2	_	-	_	-	-	_	ı	-	_		-	_	-	-	-	-	-	-	-	_	-	-	0
C) Voting behavior on the UNGA resolution on the CTBT	1	0 (against); 0.5 (abstention); 1 (in favor)	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	1	1	0.5	1	0
D) Cooperation with the CTBTO Preparatory Commission	2	0 (no cooperation or no information); 1~2 (paying contributions, actively participating in meetings, and actively engaging in outreach activities for the treaty's entry into force)	1	1	1	2	2	0	1	0	2	1	1	2	1	2	1	0	1	2	2	1	2	2	2	1	0	1	1	2	0	1	0

				Nuclea	r-Wear	on Stat	es	Non	-NPT P	arties										Non-N	uclear	Weapor	n States	es									Other
Nuclear Disarmament	Maximus points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	POL	SAU	RSA	SWE	SWI	SYR	TUR	PRI
E) Contribution to the development of the CTBT verification systems	2	Add 1 point for establishing and operating the IMS; add another 1 point for participating in the discussions on enhancing the CTBT verification capabilities	1	2	2	2	2	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	2	0	2	2	2	0	2	0
F) Nuclear testing	-3	-3 (conducting nuclear test explosions in the past 5 years); -1 (conducting nuclear tests without explosions or tests with unclear status); 0 (not conducting any nuclear tests)  (not applicable to the NNWS)	-1	-1	-1	-1	-1	-1	-1	-1	-	_	_	-	_	ı	_	-	1	-	-	_	_	_	-	_	-	_	_	_	-	-	-1
FMCT	10	(lot approach to the 11111b)																															
A) Commitment, efforts, and proposals toward immediate commencement of negotiations on an FMCT	4	Add 1 (expressing a commitment); add 1(actively engaging in the promotion of early commencement) add 1~2 (making concrete proposals on the start of negotiations)	; 1	3	1	3	3	1	0	0	3	3	3	3	0	3	1	0	3	1	3	1	3	3	3	2	1	3	3	3	0	1	a
B) Voting behavior on the UNGA resolution on an FMCT	1	0 (against); 0.5 (abstention); 1 (in favor)	0	1	0	1	1	1	0.5	0	1	1	1	1	0.5	1	1	0	1	1	1	1	1	1	1	1	0.5	1	1	1	0.5	1	0.
C) Moratoria on the production of fissile material for use in nuclear weapons	3	0 (not declaring); 1 (not declaring but not producing fissile material for nuclear weapons); 2 (declaring); (declaring and taking measures for the cessation of production as declared)	1	3	3	2	2	0	0	0	_	_	-	ı	_	ı	_	-	ı	_	-	_	_	_	_	_	_	_	_	_	_	ı	0
D) Contribution to the development of verification measures	2	(not applicable to the NNWS)  0 (no contribution or no information); 1 (proposing research on verification measures); 2 (engaging in R&D for verification measures)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transparency in Nuclear Forces, Fissile 0 Material for Nuclear Weapons, and Nuclear Strategy/Doctrine	6																																
Transparency in nuclear forces, fissile material for nuclear weapons, and nuclear strategy/doctrine	6	Add 1~2 (disclosing the nuclear strategy/doctrine); add 1~2 (disclosing the status of nuclear forces); add 1~2 (disclosing the status of fissile material usable for nuclear weapons)  (not applicable to the NNWS)	1	3	2	3	4	1	0	1	_	_	_	-	_	ı	_	-	1	_	ı	_	_	-	_	-	_	_	_	_	_	ı	0
Nuclear Disarmament Verifications	7																																
A) Acceptance and implementation of nuclear disarmament verification	3	0 (not accepting or implementing); 2 (limited acceptance and implementation); 3 (accepting and implementing verification with comprehensiveness and completeness); deduct 1~2 points in case of non-compliance or problems in implementation	0	0	0	0	2	0	0	0	_	_	-	ı	_	ı	_	-	ı	_	-	_	_	-	_	-	_	_	_	_	_	-	0
B) Engagement in research and development for verification measures of	1	(not applicable to the NNWS)  0 (not engaging or no information); 1 (engaging in R&D)	0	1	0	1	1	0	0	0	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0
nuclear disarmament  C) The IAEA inspections to fissile material declared as no longer required for military purposes	3	0 (not implementing); 1(limited implementation); 3 (implementing); add 1 point if a country engages in efforts for implementing or strengthening implementation, except in the case of already implementing  (not applicable to the NNWS)	0	1	0	1	1	0	0	0	_	_	_	-	_	ı	_	_		_	-	_	_	_	-	_	_	_	_	-	_	-	0

			N	Nuclear	-Weapo	n State	es	Non-	-NPT P	arties										Non-N	uclear	Weapo	n State	es									Other
Nuclear Disarmament	Maximum points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NOR	POL	SAU	RSA	SWE	SWI	SYR	TUR	PRK
12 Irreversibility	7																																
A) Implementing or planning dismantlement of nuclear warheads and their delivery vehicles	3	0 (not implementing or no information); 1 (perhaps implementing but not clear); 2~3 (implementing)  (not applicable to the NNWS)	0	2	2	2	2	0	0	0	_	_	_	_	_	-		-	_	_	_	-	-	_	-	_	_	_	1	_	_	_	0
B) Decommissioning/conversion of nuclear weapons-related facilities	2	0 (not implementing or no information); 1 (implementing in a limited way); 2 (implementing extensively) (not applicable to the NNWS)	0	1	0	1	1	0	0	0	_	_	_	_	_	_		-	_	_	_	-	-	_	-	_	_	_	-	_	_	_	0
C) Measures for fissile material declared excess for military purposes, such as disposition or conversion to peaceful purposes	2	0 (not implementing or no information); 1 (implementing in a limited way); 2 (implementing extensively) (not applicable to the NNWS)	0	1	1	1	1	0	0	0	_	_	_	_	_	_		-	_	_	_	_	_	_	_	_	_	_	-	_	-	_	0
Disarmament and Non-Proliferation 13 Education and Cooperation with Civil Society	4																																
Disarmament and Non-Proliferation Education and Cooperation with Civil Society	4	Add 1 (reference in the NPT Review Process and other fora, participation in joint statements; reference to gender issues, participation in joint statements; implementation of disarmament and non-proliferation education; cooperation with civil society); maximum 4 points	1	3	0	3	3	0	0	0	4	4	2	4	1	4	1	0	4	3	3	3	3	4	2	2	0	1	4	3	0	1	0
14 Hiroshima and Nagasaki Peace Memorial Ceremonies	1																																
Hiroshima and Nagasaki Peace Memorial Ceremonies	1	0 (not attending); 0.5 (not attending in 2024 but has attended at least once during the past 3 years); 1 (attending any one of the ceremonies)	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	0
Points	11.		6.8	24.5	-7.5	22.5	18.4	4.0	-1.5	-0.5	22.0	34.0	31.5	22.0	19.5	19.5	33.5	15.5	26.0	38.0	20.5	37.0	19.0	37.5	20.0	15.0	15.5	32.5	20.0	28.0	11.0	12.5	-13.7
Full Points			109	109	109	109	109	106	106	106	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	106
%			6.2	22.5	-6.9	20.6	16.9	3.8	-1.4	-0.5	45.8	70.8	65.6	45.8	40.6	40.6	69.8	32.3	54.2	79.2	42.7	77.1	39.6	78.1	41.7	31.3	32.3	67.7	41.7	58.3	22.9	26.0	-12.9
Points			6.3	23.5	-6.4	22.5	18.8	3.8	-3.5	1.2	23.5	34.0	29.5	20.0	19.5	19.0	29.0	14.0	27.5	36.0	20.0	36.0	17.5	35.5	20.5	14.5	13.0	29.5	23.0	28.5	12.0	12.0	-12.0
Points Full Points %			109	109	109	109	109	106	106	106	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	106
§ %			5.8	21.6	-5.9	20.6	17.2	3.6	-3.3	1.1	49.0	70.8	61.5	41.7	40.6	39.6	60.4	29.2	57.3	75.0	41.7	75.0	36.5	74.0	42.7	30.2	27.1	61.5	47.9	59.4	25.0	25.0	-11.3

Numbers in blue cells improved compared to the *Hiroshima Report 2024*. Numbers in pink cells worsened compared to the *Hiroshima Report 2024*.

			N	uclear	-Weap	on Sta	ites	Non	ı-NPT I	Parties									N	on-Nu	clear '	Weapo	on Sta	ntes									Other
Nuclear Non-Proliferation	Maximu m points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	) ISR	PAK	AUS	AUT	BRA	CAN	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NEC	) NZL	NOR	POL	SAU	RSA	SWE	SWI	SYR	TUR	PRK
1 Acceptance and Compliance with Nuclear Non-Proliferation Obligations	. 20																																
A) Accession to the NPT	10	0 (not signing or declaring withdrawal); 3 (not ratifying); 10 (in force); 0 point for declaring withdrawal after accession	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0
B) Compliance with Articles I and II of the NPT and the UNSCRs on non-proliferation	7	0 (not complying with Articles I and II of the NPT); 3~4 (having not yet violated Articles I and II of the NPT but displaying behaviors that raise concerns about proliferation, or not complying with the UNSCRs adopted for relevant nuclear issues); 5 (taking concrete measures for solving the noncompliance issue); 7 (complying)	7	7	7	7	7	2	3	2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	4	7	0
		As for the non-NPT states (maximum 3 points); 2 (not complying with the UNSCRs adopted for relevant nuclear issues); 3 (other cases)																														 	
C) Nuclear-Weapon-Free Zones	3	1 (signing the NWFZ treaty); 3 (ratifying the treaty)	-	-	-	_	-	0	0	0	3	0	3	0	1	0	3	0	0	3	0	3	0	3	0	0	0	3	0	0	0	0	0
D) Actions that run counter to nuclear non-proliferation	-4	Deduct 1~4 points for actions that run counter to nuclear non-proliferation, although they do not violate NPT	-1	0	-3	0	-2	0	0	0	0	0	0	0	0	0	0	-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 IAEA Safeguards Applied to the NPT NNWS	18																																
A) Signing and ratifying a Comprehensive Safeguards Agreement	4	0 (not signing); 1 (not ratifying); 4 (in force)	_	_	ı	_	-	_	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0
B) Signing and ratifying an Additional Protocol	5	0 (not signing); 1 (not ratifying); 3 (provisional application); 5 (in force)	-	_	_	_	_	_	_	-	5	5	0	5	0	5	5	1	5	5	5	5	5	5	5	5	0	5	5	5	0	5	0
C) Implementation of the integrated safeguards	4	0 (not implementing); 2 (broader conclusion) 4 (implementing)	-	_	-	_	_	-	_	-	4	4	0	4	0	4	4	0	4	4	4	0	4	4	4	4	0	4	4	4	0	4	0
D) Compliance with IAEA Safeguards Agreement	5	0 (not resolving the non-compliance issue); 2 (taking concrete measures for solving the non-compliance issue); 5 (complying)	_	-	-	_	-	_	_	_	5	5	5	5	5	5	5	2	5	5	5	5	5	5	5	5	2	5	5	5	0	5	0
3 IAEA Safeguards Applied to NWS and Non-Parties to the NPT	7																																
A) Application of the IAEA safeguards (Voluntary Offer Agreement or INFCIRC/66) to their peaceful nuclear facilities	3	0 (not applying); 1 (applying INFCIRC/66); 2 (applying Voluntary Offer Agreement); add 1 point if all civilian nuclear facilities are designated as eligible facilities or are subject to safeguards	2	2	2	3	3	2	1	1	_	_	_	_	-	-	_	_	_	ı	_	_	-	_	_	-	_	I	_	_	-	_	_
B) Signing, ratifying, and implementing an Additional Protocol	4	0 (not signing); 1 (not ratifying); 3 (in force); add 1 point if widely applied to peaceful nuclear activities	3	3	3	3	4	3	0	0	_	_	_	_	_	_	_	_	_	ı	_	_	_	-	_	_	_	1	_	_	_		-

			Nι	ıclear-	Weap	on Sta	tes	Non-	NPT P	arties								1	No	n-Nuc	elear W	/eapo	n State	es								C
Nuclear Non-Proliferation	Maximu m points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BRA	CAN I	EGY (	GER 1	DN I	IRN	JPN	KAZ	ROK 1	MEX	NED	NZL	NOR	POL	SAU	RSA SV	ve sw	VI SYI	R TI	UR F
Cooperation with the IAEA	4																															
A) Cooperation with the IAEA	4	Add 1 (contributing to the development of verification technologies); add $1\sim2$ (contributing to the universalization of the Additional Protocol); add 1 (other efforts)	1	3	1	3	3	0	0	0	3	2	1	3	0	3	1	0	3	0	3	1	3	2	2	2	0	2	3 3	0	1	2
B) Behaviors impeding IAEA activities	-2	Deduct 1~2 points for impeding IAEA activities	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	0 0	0	(	0
Implementing Appropriate Export Controls on Nuclear-Related Items and Technologies	15																															
A) Establishment and implementation of the national control systems	5	0 (not establishing); 1 (establishing but insufficient); 2 (establishing a system to a certain degree); 3 (establishing an advanced system, including the Catch-all); add 1~2 (if continuing to implement appropriate export controls); deduct 1~2 (not adequately implementing)	3	5	4	5	5	4	5	2	5	5	5	5	2	5	1	0	5	5	5	5	5	5	5	5	1	5	5 5	0	4	5
B) Requiring the conclusion of an Additional Protocol for nuclear export	2	0 (not requiring or no information); 1 (requiring for some cases); 2 (requiring)	0	1	0	1	1	0	0	0	1	1	0	1	0	1	0	0	1	0	0	1	1	1	1	1	0	0	1 0	0	:	1
C) Implementation of the UNSCRs concerning North Korean and Iranian nuclear issues	3	0 (not implementing or no information); 2 (implementing); 3(actively implementing); deduct 1~3 (depending on the degree of violation)	0	3	-3	3	3	2	2	1	3	3	2	3	2	3	2	1	3	2	3	3	3	3	3	2	2	3	3 3	0	1	2
D) Participation in the PSI	2	0 (not participating); 1 (participating); 2 (actively participating)	0	2	0	2	2	0	1	0	2	0	0	2	0	2	0	0	2	1	2	0	2	2	2	2	1	0	1 1	0	3	2
E) Civil nuclear cooperation with non-parties to the NPT	3	0 (exploring active cooperation); 1~2 (contemplating cooperation, subject to implementing additional nuclear disarmament and non-proliferation measures); 3 (showing a cautious attitude or being against it)	0	0	0	1	0	_	_	_	1	3	3	0	3	3	3	3	1	0	0	3	3	3	3	3	3	3	3 3	3	3	3
Transparency in the Peaceful Use of Nuclear Energy	4																															
A) Reporting on the peaceful nuclear activities	2	0 (not reporting or no information); 1 (reporting but insufficiently); 2 (reporting)	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2 2	2 0	:	2
B) Reporting on plutonium management	2	0 (not reporting or no information); 1 (reporting); 2 (reporting on not only plutonium but also uranium); add 1 (ensuring a high level of transparency in plutonium although not being obliged to report)	0	2	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1 1	0	1	1
Points			27	40	22	40	38	15	12	8	56	52	43	52	37	56	48	25	53	49	51	50	55	57	54	53	33	54 5	54 53	3 21	5.	53
Full Points			47	47	47	47	47	43	43	43	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61 6	61	1 61	6	61
%			57.4	85.1	46.8	85.1	80.9	34.9	27.9	18.6	91.8	85.2	70.5	85.2	50.7 9	1.8 7	8.7	41.0	86.9	80.3	83.6	82.0	90.2	93.4	88.5	86.9	54.1	88.5	86.	9 34.4	4 86	5.9
Points			27	39	25	41	39	15	12	8	56	52	43	52	37	56	48	25	53	49	51	50	55	57	54	53	33	54 5	54 53	3 20	5.	53
Full Points %			47	47	47	47	47	43	43	43	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61 6	61	1 61	6	61

				Νι	ıclear-	Weap	on Stat	tes	Non-l	NPT Pa	arties							No	n-Nuo	clear	Weap	on Sta	ites							Other
	Nuclear Security	Maximum points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	BEL	BRA	CAN	FIN	GER	IRN	JPN	KAZ	ROK	MEX	NED	NOR	RSA	SWE	swi	TUR	UAE	PRK
1	The Amount of Weapon-Usable Nuclear Material and Possession of Relevant Facilities	-15																												
	A) The amount of weapon-usable nuclear material		• HEU: -5 (100t or more); 4 (50t or more); -3 (10t or more); -2 (1t or more); -1 (possessing less than 1t) • Military Separated Pu: -5 (50t or more); -4 (20t or more); -3 (5t or more); -2 (1t or more); -1 (possessing less than 1t) • Non-Military Separated Pu: -3 (70t or more); -2 (30t or more); -1 (possessing less than 30t)	-6	-9	-13	-8	-11	-6	-2	-3	-1	-2	0	-1	0	-2	-1	-3	-2	0	0	-1	-1	-1	0	-1	0	0	-2
	B) Possession of facilities that could cause serious radiological effects	-2	*Power Reactor(s): -1 *Reprocessing Facility(ies): -1 Not the number of facilities, but their presence or absence. Does not include facilities under construction.	-2	-2	-2	-2	-2	-2	-1	-2	0	-1	-1	-1	-1	-1	-1	-2	0	-1	-1	-1	0	-1	-1	-1	0	-1	-1
2	Status of Accession to Nuclear Security and Safety-Related Conventions and Their Application to Domestic Systems	20																												
	A) Convention on the Physical Protection of Nuclear Material and the 2005 Amendment to the Convention		0 (not signed the CPPNM); 1 (not ratified the CPPNM); 2 (CPPNM in force, but not ratified the A/CPPNM); 3 (both the CPPNM and the A/CPPNM in force)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	3	3	3	3	0
	B) International Convention for the Suppression of Acts of Nuclear Terrorism	2	0 (not signed); 1 (not ratified); 2 (in force)	2	2	2	2	2	2	1	0	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	0
	C) Convention on Nuclear Safety	2	0 (not signed); 1 (not ratified); 2 (in force)	2	2	2	2	2	2	1	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	0
	D) Convention on Early Notification of a Nuclear Accident	2	0 (not signed); 1 (not ratified); 2 (in force)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	E) Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management	2	0 (not signed); 1 (not ratified); 2 (in force)	2	2	2	2	2	0	0	0	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	0
	F) Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency	2	0 (not signed); 1 (not ratified); 2 (in force)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

				Nu	ıclear-	Weap	on States	s No	on-NP	PT Parti	es						No	n-Nuc	elear V	Veapo	n Stat	es						C	Other
	<b>Nuclear Security</b>	Maximum points	Scale of measurement	CHN	FRA	RUS	UK U	SA IN	D IS	SR PA	AK AU	S BEI	L BRA	CAN	FIN	GER	IRN	JPN	KAZ	ROK	MEX	NED	NOR	RSA	SWE	SWI	TUR U	JAE P	RK
	G) Enactment of laws and establishment of regulations for the national implementation	3	0 (not established domestic laws and regulations nor the national implementation system) 1: Establishment of CPPNM Implementation Authority 1: National Legal Framework for A/CPPNM 1: Submission of information in accordance with Article 14.1	3	3	3	3	3 1		3 2	2 3	2	2	3	3	3	0	3	3	3	3	3	3	2	3	3	2	2	0
	H) INFCIRC/225/Rev.5	4	0 (not applied or no information)  • Average score of Security & Control Measures and Protect Facilities in the NTI Nuclear Security Index 2023 are used.  4 (80 points or above); 3 (60 points or above); 2 (50 points or above); 1 (35 points or above); 0 (Less than 35 points)  •1: Information on introducing new regulation in 2024.	3	3	2	4	3 11		2 2	2 4	4	3	4	4	4	0	4	3	4	2	4	4	2	4	4	3	4	0
3	Efforts to Maintain and Improve the Highest Level of Nuclear Security	17																											
	A) Minimization of HEU in civilian use		0 (no effort or no information); 1 (limited efforts: efforts made in the past); 3 (active efforts); add 1 (commitment to further enhancement)  Breakdown of 3 (active efforts):  2: Reduction in 2024 or complete removal in the past; 1: Ongoing efforts (including technology development efforts)	1	0	0	1 .	4 1		1 (	) 1	3	3	1	2	1	0	4	3	3	3	2	3	1	3	3	3	2	0
	B) Acceptance of international nuclear security review missions		0 (none or no information) 2: Accepted in 2024 (1: Announcement of future mission) 1: Acceptance of review mission within the last 5 years or accepted more than two missions in the past 1: Making part of mission report available to the public	0	2	0	2	3 0	)	0 (	2	2	0	1	2	1	0	4	0	0	0	3	1	0	2	3	1	0	0
	C) Technology development — nuclear forensics	2	0 (no effort or no information); 1 (some efforts:Participation in ITWG, CMX, INFCIRC/917, etc.); 2 (active efforts:Implementation or announcement of major activities in 2024)	1	2	1	2	2 1		1 1	1	1	1	2	1	2	0	1	2	1	1	1	1	1	1	1	1	1	0

				Nu	clear-	Weap	on Sta	ites	Non-l	NPT Pa	arties							No	on-Nu	ıclear	Wea	pon	States								Other
	Nuclear Security	Maximur points	Scale of measurement	CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	BEL	BRA	CAN	FIN	GER	IRN	JPN	KAZ	z RO	ок м	EX N	ED N	OR F	RSA S	SWE S	swi /	TUR	UAE	PRK
	D) Capacity building and support activities	2	0 (not implemented or no information); 1 (implementing:establishment of COE or relevant organizations, participation in training courses, workshops, etc., regional and international support activities); 2 (actively implementing: new major activities in 2024)	2	2	2	2	2	1	0	2	0	1	1	2	2	2	1	2	2	2	. :	2	2	0	1	1	1	1	1	0
	E) IAEA Nuclear Security Plan and Nuclear Security Fund	2	0 (no contribution or information); 1 (made contributions: contributions made in 2023); 2 (made active contributions: continuous contributions (*points added if contributions have been made continuously over the years even if contributions cannot be confirmed in 2024))	2	2	2	2	2	0	0	1	0	1	0	2	2	2	0	2	0	2	. 1	0	2	0	0	0	2	0	0	0
	F) Participation in international efforts	3	0 (not participating); 1 (participating in two or more frameworks); 2 (participating in four or more frameworks; add 1 point if contributing actively	1	3	1	3	3	1	2	1	3	3	0	3	3	3	0	3	3	3		2	3	2	1	3	2	2	2	0
4	Responding to Nuclear Security Threats Posed by States	-2																													
	A) Commitment to international norms prohibiting attacks against nuclear facilities for peaceful uses, and strengthening of efforts	1	0 (none, no information); 1 (statement of commitment, proposal, etc.)	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1		1	1	1	1	1	1	1	1	0
	B) Attack against nuclear facilities	-3	0 (none); -3 (attacked nuclear facilities)	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
	Points			19	20	6	23	23	10	15	14	27	28	22	30	32	29	5	32	27	31	1 2	26 3	2	27	20	30	31	27	25	-1
	Full Points			38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	3	38 3	8	38	38	38	38	38	38	38
	%			50.0	52.6	15.8	60.5	60.5	26.3	39.5	36.8	71.1	73.7	57.9	78.9	84.2	76.3	13.2	84.2	71.1	81.	6 68	8.4 84	7.2	1.1 5	2.6	78.9 8	1.6	71.1	65.8	-2.6
2024	Points			18	18	5	23	20	10	15	12	28	26	22	30	34	28	4	31	26	32	2	7 3	3 3	31	18	33	32	26	22	-1
Editi	Points Full Points %			38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	3	38 3	8	38	38	38	38	38	38	38
0n	%			47.4	47.4	13.2	60.5	52.6	26.3	39.5	31.6	73.7	68.4	57.9	78.9	89.5	73.7	10.5	81.6	68.4	84.	2 71	1.1 86	8.8	1.6 4	7.4	86.8	34.2	68.4	57.9	-2.6

Numbers in blue cells improved compared to the Hiroshima Report 2024. Numbers in pink cells worsened compared to the Hiroshima Report 2024.