Country-by-Country Evaluation

	Nuclear Disarmament	Maximum points	Scale of measurement	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																												Other
				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	CHL	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NGA	NOR	PHL	POL	SAU	RSA	SWE	SWI	SYR	TUR	UAE	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)	-10	-10	-19	-10	-19	-8	-6	-8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-5
2	**Commitment to Achieving a World without Nuclear Weapons**	**11**																																						
	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)	2	2	0	2	2	2	1	3	3	4	2	5	3	6	5	2	5	5	4	6	2	6	3	4	5	3	6	2	6	4	5	4	4	2	6	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 the global momentum toward a world without nuclear weapons (maximum 3 points).	0	0	0	0	0	0	0	0	0	2	0	1	0	1	1	0	1	1	1	1	0	2	0	2	1	0	1	0	1	2	1	1	0	0	1	0
	C) Humanitarian consequences of nuclear weapons	2	On each resolution: 0 (against); 0.5 (abstention); 1 (in favor)	1	0	0	0	0	1.5	0	1	0.5	2	0.5	2	0.5	2	2	0.5	2	2	1.5	2	0	2	0.5	2	2	0.5	2	0	2	2	1.5	1.5	2	0	2	1
3	**Treaty on the Prohibition of Nuclear Weapons (TPNW)**	**10**																																						
	A) Signing and ratifying the TPNW	7	0 (not signing); 3 (not ratifying); 7 (ratifying)	0	0	0	0	0	0	0	0	0	3	0	3	0	3	0	0	3	0	0	0	0	3	0	3	3	0	3	0	0	3	0	0	0	0	0	0
	B) Voting behavior on UNGA resolutions on a legal prohibition of nuclear weapons	3	On each resolution: 0 (against); 0.5 (abstention) ; 1 (in favor)	2	0	0.5	0	0	1.5	0	2	0	2	0	3	0.5	3	3	0	3	3	1	3	0	3	0	2	3	0	3	0	3	3	2	2	2	0	3	1
4	**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 5 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 2016) ・Give a perfect score (15 points) in case of the total abolition of nuclear weapons. (not applicable to the NNWS)	0	1	2.3	1	2.2	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
	B) A concrete plan 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
	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)	2	3	2	3	3	2	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
5	**Diminishing the Role and Significance of Nuclear Weapons in National Security Strategies and Policies**	**8**																																						
	A) The current status of the roles and significance of nuclear weapons	-8	-7～-8 (judged based on the declaratory policy) (not applicable to the NNWS)	-7	-7	-7	-7	-7	-7	-7	-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-7
	B) Commitment to "sole purpose," no first use, 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) (not applicable to the NNWS)	3	0	0	0	0	2	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
	C) Negative security assurances	2	0 (not declaring); 1 (declaring with reservations); 2 (declaring without reservations) (not applicable to the NNWS)	2	1	1	1	1	2	0	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	D) 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 countries expect NWS)	2	2	2	2	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	E) 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	-5	0	-3	0	0	-5	0	0	-3	0	-3	0	-5	0	0	-3	0	-3	0	0	0	0	0	-5	0	—
6	**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)	3	2	1	2	1	3	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3

	Nuclear Disarmament	Maximum points	Scale of measurement	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																											Other
				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	CHL	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NGA	NOR	PHL	POL	SAU	RSA	SWE	SWI	SYR	TUR	UAE	PRK
7	**CTBT**	**11**																																					
	A) Signing and ratifying the CTBT	4	0 (not signing); 2 (not ratifying); 4 (ratifying)	2	4	4	4	2	0	2	0	4	4	4	4	4	4	2	4	4	2	4	4	4	4	4	4	4	4	4	4	0	4	4	4	0	4	4	0
	B) Moratoria on nuclear test explosions pending CTBT's entry into force	3	0 (not declaring); 2 (declaring); 3 (declaring and closing the nuclear test sites) (not applicable to the NNWS)	2	3	2	2	2	2	0	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
	C) 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 the outreach activities for the Treaty's entry into force)	1	2	2	2	2	0	1	0	2	2	2	1	2	1	0	2	0	0	2	2	2	1	2	2	0	2	2	2	0	1	2	2	0	2	2	0
	D) 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	2	1	0	2	2	0	2	2	2	2	2	2	1	2	1	2	0	2	2	2	0	2	0	0
	E) Nuclear testing	-3	-3 (conducting nuclear test explosions in the past 5 years);-1 (conducting nuclear tests without explosion or the status is unclear); 0 (not conducting any nuclear tests) (not applicable to the NNWS)	-1	-1	-1	-1	-1	-1	-1	-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-3
8	**FMCT**	**10**																																					
	A) Commitment, efforts, and proposals toward immediate commencement of negotiations on an FMCT	5	Add 1 (expressing a commitment); add 1～2 (actively engaging in the promotion of early commencement); add 1～2 (making concrete proposals on the start of negotiations)	1	4	1	3	3	1	1	1	3	3	3	3	4	2	1	3	1	1	4	1	3	1	3	3	2	3	2	2	1	3	3	3	0	1	1	0
	B) 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); 3 (declaring and taking measures for the cessation of the production as declared) (not applicable to the NNWS)	1	2	3	2	2	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
	C) Contribution to the development of verification measures	2	0 (no contribution or no information); 1 (proposing a research on verification measures); 2 (engaging in R&D for verification measures)	0	1	0	1	1	0	0	0	1	1	1	0	1	0	0	1	0	0	1	0	1	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0
9	**Transparency in Nuclear Forces, Fissile 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	4	5	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
10	**Verifications of Nuclear Weapons Reductions**	**7**																																					
	A) Acceptance and implementation of verification for nuclear weapons reduction	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 (not applicable to the NNWS)	0	0	3	0	3	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
	B) Engagement in research and development for verification measures of nuclear weapons reduction	1	0 (not engaging or no information); 1 (engaging in R&D)	0	1	0	1	1	0	0	0	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	1	1	0
	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 the efforts for implementing or strengthening the implementation, except in the case of already implementing (not applicable to the NNWS)	0	1	0	3	1	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
11	**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	3	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	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	1	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); 3 (implementing extensively) (not applicable to the NNWS)	0	1	2	1	2	0	0	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
12	**Disarmament and Non-Proliferation Education and Cooperation with Civil Society**	**4**																																					
	Disarmament and non-proliferation education and cooperation with civil society	4	Add 1 (participating in the joint statement); add 1～2 (implementing disarmament and non-proliferation education); add 1～2 (cooperating with civil society). Maximum 4 points	2	2	1	3	3	1	1	0	3	4	2	1	3	2	2	3	1	0	4	1	1	2	3	4	2	1	1	1	0	1	3	4	0	1	1	0
13	**Hiroshima Peace Memorial Ceremony**	**1**																																					
	Hiroshima Peace Memorial Ceremony	1	0 (not attending) ; 0.5 (not attending in 2017 but has attended at least once during the past 3 years) ; 1 (attending)	0	1	1	1	1	1	1	1	1	1	1	1	1	0.5	1	0.5	1	1	1	1	1	0.5	0.5	1	0.5	1	1	1	0	0.5	0.5	0	0	0	1	0
	Points			**10**	**23**	**7.8**	**25**	**16.7**	**4**	**0**	**2**	**17.5**	**30**	**13.5**	**27**	**19**	**26.5**	**17**	**14**	**24**	**15**	**23.5**	**24**	**14**	**27.5**	**15**	**30**	**23.5**	**15.5**	**27**	**12**	**13**	**25.5**	**26**	**24.5**	**8**	**8**	**22**	**-8**
	Full Points			**101**	**101**	**101**	**101**	**101**	**98**	**98**	**98**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**42**	**98**
	(%)			**9.9**	**22.8**	**7.7**	**24.8**	**16.5**	**4.1**	**0.0**	**2.0**	**41.7**	**71.4**	**32.1**	**64.3**	**45.2**	**63.1**	**40.5**	**33.3**	**57.1**	**35.7**	**56.0**	**57.1**	**33.3**	**65.5**	**35.7**	**71.4**	**56.0**	**36.9**	**64.3**	**28.6**	**31.0**	**60.7**	**61.9**	**58.3**	**19.0**	**19.0**	**52.4**	**-8.2**

Nuclear Non-Proliferation

		Maximum points	Scale of measurement	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																											Other
				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	CHL	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NGA	NOR	PHL	POL	SAU	RSA	SWE	SWI	SYR	TUR	UAE	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)	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	10	10	10	10	10	0
	B) Compliance with Articles I and II of the NPT and the UNSC resolutions on non-proliferation	7	・0 (non-complying with Article I and II of the NPT); 3～4 (having not yet violated Article I and II of the NPT but displaying behaviors that raise concerns about proliferation, or not complying with the UNSC resolutions adopted for relevant nuclear issues); 5 (taking concrete measures for solving the non-compliance issue); 7 (complying). ・As for the non-NPT states (maximum 3 points) : 2 (not complying with the UNSC resolutions adopted for relevant nuclear issues); 3 (other cases)	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	7	7	7	7	4	7	7	0
	C) Nuclear-Weapon-Free Zones	3	1 (signing the NWFZ treaty); 3 (ratifying the treaty)	—	—	—	—	—	0	0	0	3	0	0	3	0	3	1	0	3	0	0	3	0	3	0	3	3	0	3	0	0	3	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)	—	—	—	—	—	—	—	—	4	4	4	4	4	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	5	0	5	5	0	5	5	3	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	5	0
	C) Implementation of the integrated safeguards	4	0 (not implementing); 2 (broader conclusion) 4 (implementing)	—	—	—	—	—	—	—	—	4	4	4	0	4	4	0	4	4	0	4	2	4	0	4	2	0	4	2	4	0	4	4	2	0	2	0	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	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 in facilities	3	0 (not applying); 2 (applying INFCIRC/66); 3 (applying Voluntary Offer Agreement)	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	B) Signing, ratifying, and implementing the 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	**Cooperation with the IAEA**	**4**																																					
	Cooperation with the IAEA	4	Add 1 (contributing to the development of verification technologies); add 1～2 (contributing to the universalization of the Additional Protocol); add 1 (other efforts)	1	3	2	3	3	0	0	0	3	2	3	1	3	1	0	3	1	0	3	0	3	1	3	2	1	2	1	1	0	1	2	2	0	1	1	0
5	**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	5	2	2	5	1	0	5	5	5	5	5	5	1	5	3	5	1	5	5	5	0	5	3	0
	B) Requiring the conclusion of the Additional Protocol for nuclear export	2	0 (not requiring or no information); 1 (requiring for some cases); 2 (requiring)	0	0	0	0	1	0	0	0	1	1	0	0	1	1	0	1	0	0	1	0	0	1	1	1	1	1	1	1	0	0	1	0	0	1	1	0
	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)	1	3	1	3	3	2	2	2	3	3	3	2	3	2	2	3	2	2	3	2	3	3	3	3	2	3	2	2	2	3	3	3	0	2	2	0
	D) Participation in the PSI	2	0 (not participating); 1 (participating); 2 (actively participating)	0	2	2	2	2	0	1	0	2	0	2	0	2	2	0	2	0	0	2	1	2	0	2	2	0	2	1	2	1	0	1	1	0	2	1	0
	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	3	0	3	3	3	3	3	1	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
6	**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	2	2	2	0	2	2	0
	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)	1	2	1	0	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0
	Points			**31**	**40**	**35**	**39**	**41**	**15**	**13**	**10**	**56**	**52**	**54**	**43**	**52**	**52**	**37**	**56**	**48**	**37**	**53**	**47**	**51**	**50**	**55**	**55**	**45**	**54**	**50**	**52**	**36**	**53**	**53**	**50**	**21**	**50**	**45**	**0**
	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**	**61**	**61**	**61**	**61**	**61**	**61**	**61**	**61**	**61**	**61**
	(%)			**66.0**	**85.1**	**74.5**	**83.0**	**87.2**	**34.9**	**30.2**	**23.3**	**91.8**	**85.2**	**88.5**	**70.5**	**85.2**	**85.2**	**60.7**	**91.8**	**78.7**	**60.7**	**86.9**	**77.0**	**83.6**	**82.0**	**90.2**	**90.2**	**73.8**	**88.5**	**82.0**	**85.2**	**59.0**	**86.9**	**86.9**	**82.0**	**34.4**	**82.0**	**73.8**	**0.0**

Nuclear Security

		Maximum points	Scale of measurement	Nuclear-Weapon States					Non-NPT Parties			Non-Nuclear Weapon States																											Other
				CHN	FRA	RUS	UK	USA	IND	ISR	PAK	AUS	AUT	BEL	BRA	CAN	CHL	EGY	GER	IDN	IRN	JPN	KAZ	ROK	MEX	NED	NZL	NGA	NOR	PHL	POL	SAU	RSA	SWE	SWI	SYR	TUR	UAE	PRK
1	**The Amount of Fissile Material Usable for Weapons**	**-16**																																					
	The amount of fissile material usable for weapons	-16	Firstly, -3 (if possessing fissile material usable for nuclear weapons). Then, deduct if: ・HEU: -5 (>100t) ; -4 (>20t); -3 (>10t); -2 (>1t); -1 (possessing less than 1t) ・Weapon-grade Pu: -5 (>100t); -4 (>20t); -3 (>10t); -2 (>1t); -1 (possessing less than 1t) ・Reactor-grade Pu: -3 (>10t); -2 (>1t); -1 (possessing less than 1t)	-10	-12	-16	-12	-15	-8	-5	-6	-4	0	-5	0	-5	0	0	-7	0	-4	-8	-6	0	0	-4	0	-4	-4	0	0	0	-4	0	-4	-4	0	0	-5
2	**Status of Accession to Nuclear Security and Safety-Related Conventions, Participation in Nuclear Security Related Initiatives, and Application to Domestic Systems**	**21**																																					
	A) Convention on the Physical Protection of Nuclear Material and the 2005 Amendment to the Convention	3	0 (not signing the Treaty); 1 (not ratifying the Treaty); 2 (Treaty in force, not ratifying the Amendment); 3 (both the Treaty and Amendment in force)	3	3	3	3	3	3	3	3	3	3	3	2	3	3	1	3	3	0	3	3	3	3	3	3	3	3	2	3	3	2	3	3	0	3	3	0
	B) International Convention for the Suppression of Acts of Nuclear Terrorism	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	2	1	0	2	2	2	2	2	2	1	2	2	0	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	0
	C) Convention on Nuclear Safety	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	0	2	2	2	2	2	0	2	2	1	2	2	2	2	2	2	2	2	0
	D) Convention on Early Notification of a Nuclear Accident	2	0 (not signing); 1 (not ratifying); 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	2	2	2	2	2	2	1	2	2	1
	E) Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management	2	0 (not signing); 1 (not ratifying); 2 (in force)	2	2	2	2	2	0	0	0	2	2	2	2	2	2	0	2	2	0	2	2	2	0	2	0	2	2	1	2	2	2	2	2	0	0	2	0
	F) Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency	2	0 (not signing); 1 (not ratifying); 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	2	2	2	2	2	2	1	2	2	1
	G) INFCIRC/225/Rev.5	4	0 (not applying or no information); 2 (applying to the national implementation system); 4 (applying and implementing adequately)	2	2	2	2	2	2	2	2	2	0	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	0	2	2	0
	H) Enactment of laws and establishment of regulations for the national implementation	4	0 (not establishing domestic laws and regulations and the national implementation system); 1～2 (establishing them but insufficiently); 4 (establishing appropriately)	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	4	4	3	4	4	4	4	4	4	4	2	3	3	2	4	4	4	2	4	2	1
3	**Efforts to Maintain and Improve the Highest Level of Nuclear Security**	**20**																																					
	A) Minimization of HEU and Plutonium stockpile in civilian use	4	0 (no effort or no information); 1 (limited efforts); 3 (active efforts); add 1 (committed to further enhancement)	4	4	4	3	4	4	4	0	4	4	4	4	4	3	0	3	4	0	3	4	4	4	4	3	3	4	3	4	0	4	4	4	0	3	4	0
	B) Prevention of illicit trafficking	5	0 (not implementing or no information); 2 (limited implementation); 4 (active implementation); add 1 (committed to further enhancement)	4	4	4	4	5	5	4	5	4	4	4	4	5	4	2	4	4	2	4	2	4	4	2	2	2	4	5	4	2	4	4	4	0	2	4	0
	C) Acceptance of international nuclear security review missions	2	0 (not accepting or no information); 1 (accepting); 2 (actively accepting)	2	2	0	2	2	0	0	0	2	0	0	0	2	2	2	1	2	2	2	2	1	2	2	2	2	2	2	1	0	0	2	2	0	2	1	0
	D) Technology development ―nuclear forensics	2	0 (not implementing or no information); 1 (implementing); 2 (actively implementing)	1	2	2	2	2	0	2	1	2	0	1	0	2	1	0	1	0	0	2	0	2	0	2	0	0	1	0	0	0	1	2	2	0	2	0	0
	E) Capacity building and support activities	2	0 (not implementing or no information); 1 (implementing); 2 (actively implementing)	1	2	1	2	2	1	0	1	1	1	0	1	1	1	1	2	1	0	2	1	2	0	2	0	0	1	1	0	1	1	2	1	0	0	0	0
	F) IAEA Nuclear Security Plan and Nuclear Security Fund	2	0 (no effort or information); 1 (participating); 2 (actively participating)	2	2	2	2	2	2	1	1	1	1	2	0	2	0	0	2	0	1	2	1	2	0	2	2	0	2	0	0	0	0	2	1	0	1	1	0
	G) Participation in international efforts	3	0 (not participating); 1 (participating in a few frameworks); 2 (participating in many or all frameworks); add 1 (if contributing actively)	2	3	3	3	3	1	1	1	3	1	3	1	3	1	0	3	0	0	3	3	3	3	3	3	1	3	3	3	1	1	3	3	0	1	1	0
	Points			**25**	**26**	**19**	**25**	**24**	**22**	**22**	**18**	**32**	**28**	**28**	**28**	**33**	**30**	**14**	**28**	**30**	**10**	**29**	**26**	**37**	**30**	**32**	**27**	**23**	**28**	**28**	**30**	**21**	**25**	**38**	**32**	**3**	**28**	**28**	**-2**
	Full Poins			**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**
	(%)			**61.0**	**63.4**	**46.3**	**61.0**	**58.5**	**53.7**	**53.7**	**43.9**	**78.0**	**68.3**	**68.3**	**68.3**	**80.5**	**73.2**	**34.1**	**68.3**	**73.2**	**24.4**	**70.7**	**63.4**	**90.2**	**73.2**	**78.0**	**65.9**	**56.1**	**68.3**	**68.3**	**73.2**	**51.2**	**61.0**	**92.7**	**78.0**	**7.3**	**68.3**	**68.3**	**-4.9**