<table>
<thead>
<tr>
<th>Nuclear Disarmament</th>
<th>Minimum point</th>
<th>Scale of measurement</th>
<th>Scale of measurement applied solely to the NNWS</th>
</tr>
</thead>
</table>

### 3 The number of nuclear weapons (estimation)

**-20**

- 0 (not declaring); 1 (declaring); 2 (declaring and proposing further nuclear-weapons-free zones)

### 5 Commitment to achieving a world without nuclear weapons

**11**

- A) Voting behavior on the UNSC resolutions on nuclear weapons (as proposed by Japan, NAC, and NNMG respectively)
  
  - No such resolution: 0 (抗击) 1 (abstention) 2 (liaison)
  
  **4**

- B) Voting behavior on the UNSC resolution calling for ratification of negotiations on a Nuclear Weapons Convention
  
  - 0 (抗击) 1 (abstention) 2 (liaison)
  
  **2**

- C) Announcement of significant policies and important activities, such as holding major conferences
  
  **3**

### 6 Reduction of nuclear weapons

**22**

- A) Reduction of nuclear weapons in the past 5 years
  
  **15**

- B) A concrete plan for further reduction of nuclear weapons
  
  **3**

- C) Trends on strengthening/modernizing nuclear weapon capabilities
  
  **4**

### 8 Diminishing the risk and significance of nuclear weapons in national security strategies and policies

**18**

- A) The current status of the roles and significance of nuclear weapons in the national security strategies and policies, as well as military alliance
  
  **8**

- B) Commitment to the "role-purpose", re: first use, and related doctrines
  
  **3**

- C) Nuclear security assurances
  
  **2**

- D) Signing and ratifying the protocols on nuclear weapon-free zones
  
  **3**

### 9 Declaring or measures for maximizing decision time to authorize the use of nuclear weapons

**4**

- A) The declaration on nuclear test explosions pending (CTBT entry into force)
  
  **4**

- B) Cooperation with the CTBTO Preparatory Commission to the Commission and active participation in its meetings and other activities
  
  **2**

- C) Contribution to the development of the CTBT verification systems (IRFS, OBL, and other verification technologies)
  
  **2**

- D) Nuclear Testing
  
  **3**

**10**

- A) Voting behavior on the UNSC resolutions on nuclear weapons (as proposed by Japan, NAC, and NNMG respectively)
  
  **4**

- B) Voting behavior on the UNSC resolution calling for ratification of negotiations on a Nuclear Weapons Convention
  
  **2**

- C) Announcement of significant policies and important activities, such as holding major conferences
  
  **3**

- D) Reduction of nuclear weapons in the past 5 years
  
  **15**

- E) A concrete plan for further reduction of nuclear weapons
  
  **3**

- F) Trends on strengthening/modernizing nuclear weapon capabilities
  
  **4**

- G) Diminishing the risk and significance of nuclear weapons in national security strategies and policies
  
  **18**

- H) Declaring or measures for maximizing decision time to authorize the use of nuclear weapons
  
  **4**

- I) Cooperating with the CTBTO
  
  **2**

- J) The investment on nuclear test explosions pending (CTBT entry into force)
  
  **4**

- K) Cooperation with the CTBTO Preparatory Commission to the Commission and active participation in its meetings and other activities
  
  **2**

- L) Contribution to the development of the CTBT verification systems (IRFS, OBL, and other verification technologies)
  
  **2**

- M) Nuclear Testing
  
  **3**

- N) The number of nuclear weapons (estimation)
  
  **-20**

- O) Commitment to achieving a world without nuclear weapons
  
  **11**

- P) Reduction of nuclear weapons
  
  **22**

- Q) Diminishing the risk and significance of nuclear weapons in national security strategies and policies
  
  **18**

- R) Declaring or measures for maximizing decision time to authorize the use of nuclear weapons
  
  **4**

- S) Cooperating with the CTBTO
  
  **2**

- T) The investment on nuclear test explosions pending (CTBT entry into force)
  
  **4**

- U) Cooperation with the CTBTO Preparatory Commission to the Commission and active participation in its meetings and other activities
  
  **2**

- V) Contribution to the development of the CTBT verification systems (IRFS, OBL, and other verification technologies)
  
  **2**

- W) Nuclear Testing
  
  **3**

**-20**
A. Commitment, efforts, and proposals toward immediate commencement of negotiations on a PNCY

1. Add 1 (implementing a commitment): 1 (completely implementing the commitment); 1 (perhaps implementing the commitment); 1 (not implementing or not clear); add 1 point if a country engages in the promotion of early commencement; 1 (proposing a research on verification measures); 1 (submitting a report to the UN); 1 (proposing a research on verification measures); 1 (submitting a report to the IAEA).

B. Measures on the production of fissile material for use in nuclear weapons

2. If the country is not producing fissile material for nuclear weapons, it shall receive 0 points. If the country is producing fissile material for nuclear weapons, it shall receive 0 points. If the country is producing fissile material for nuclear weapons but not discarding the status of fissile material usable for nuclear weapons, it shall receive 0 points. If the country is producing fissile material for nuclear weapons and discarding the status of fissile material usable for nuclear weapons, it shall receive 0 points.

C. Contribution to the development of verification measures, including research and development

3. If the country is contributing to the development of verification measures, it shall receive 1 point. If the country is not contributing to the development of verification measures, it shall receive 0 points.

8. Transparency regarding nuclear forces, fissile material for nuclear weapons, and nuclear disarmament

4. Add 1 (declaring the nuclear strategy/doctrine): 1 (declaring and taking measures for the cessation of fissile material production as declared); 1 (declaring and taking measures for the cessation of fissile material production as declared); 1 (declaring and taking measures for the cessation of fissile material production as declared); 1 (declaring and taking measures for the cessation of fissile material production as declared); 1 (declaring and taking measures for the cessation of fissile material production as declared); 1 (declaring and taking measures for the cessation of fissile material production as declared); 1 (declaring and taking measures for the cessation of fissile material production as declared).

9. Verification of nuclear weapon reduction

5. If the country is implementing verification, it shall receive 1 point. If the country is not implementing verification, it shall receive 0 points.

10. Irreversibility

6. If the country is irreversible, it shall receive 1 point. If the country is reversible, it shall receive 0 points.

11. Disarmament and non-proliferation education and cooperation with civil society

7. Add 1 (implementing a report to the UN): 1 (implementing decommissioning and non-proliferation education); 1 (implementing with civil society); 1 (implementing with civil society); 1 (implementing with civil society); 1 (implementing with civil society); 1 (implementing with civil society); 1 (implementing with civil society).

<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>Business point</th>
<th>Scale of measurement</th>
<th>Scale of measurement (applied solely to the NNWS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Commitment, efforts, and proposals toward immediate commencement of negotiations on a PNCY</td>
<td>5</td>
<td>1 3 1 1 3 1 3 0 0 0 4 3 4 3 3 2 1 1 1 1</td>
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<tr>
<td>B. Measures on the production of fissile material for use in nuclear weapons</td>
<td>3</td>
<td>2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>
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</tr>
<tr>
<td>C. Contribution to the development of verification measures, including research and development</td>
<td>2</td>
<td>0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>
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<tr>
<td>8. Transparency regarding nuclear forces, fissile material for nuclear weapons, and nuclear disarmament</td>
<td>6</td>
<td>1 2 0 3 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>
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<td>9. Verification of nuclear weapon reduction</td>
<td>1</td>
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<td>10. Irreversibility</td>
<td>7</td>
<td>0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>
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<tr>
<td>11. Disarmament and non-proliferation education and cooperation with civil society</td>
<td>4</td>
<td>0 1 0 3 2 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0</td>
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</table>

<p>| Point | 21 | 28 | 24 | 38 | 31.5 | 16 | 9 | 7 | 18 | 15 | 28 | 27 | 34 | 30 | 26 | 26 | 28 | 29 |
|Full Point | 101 | 101 | 101 | 101 | 98 | 98 | 48 | 48 | 45 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |</p>
<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>Maximum point</th>
<th>Nuclear Non-proliferation</th>
</tr>
</thead>
</table>
| 1 Non-proliferation commitment | 20 | A) Accession to the NPT - 10 (not signing or declaring withdrawal: 3 (not ratifying): 10 (in force))  
B) Compliance with Article 1 and 2 of the NPT and the UNSC Resolutions on Non-Proliferation - 7 (not complying: Article I or II of the NPT: 3 (not complying: Article III of the NPT: 7)  
C) Establishment of the Nuclear-Weapon-Free Zones - 3 (signing the NWFZ treaty): 3 (ratifying the treaty) |
| 2 IAEA Safeguards (Applicable to the NPT NNWS) | 18 | A) Signing and Ratifying a Comprehensive Safeguards Agreement - 4 (not signing): 1 (not ratifying): 4 (in force)  
C) Implementation of the integrated safeguards - 4 (not implementing): 4 (implementing)  
D) Compliance with the IAEA Safeguards Agreement - 5 (not resolving the non-compliance issues): 5 (complying) |
| 3 IAEA Safeguards (Applicable to the NWS and Non-Parties to the NPT) | 7 | A) Application of the IAEA safeguards (VOA or INFCIRC/660 to Their Peaceful Nuclear Facilities - 3 (not applying): 1 (not implementing: 3 (applying VOA)  
B) Signing, ratifying, and implementing an Additional Protocol - 4 (not signing): 1 (not ratifying): 3 (in force): add 1 point if widely applied to peaceful nuclear activities |
| 4 Cooperation with the IAEA | 4 | A) Efforts for strengthening the safeguards (e.g. development of the safeguards technology and promotion of the universality of the Additional Protocol) - 3 (contributing to the development of verification technologies: 1 (non-complying)  
B) Extrabudgetary contributions to the IAEA - 1 (not contributing to the IAEA) |
| 5 Nuclear Export Controls | 12 | A) Establishment and implementation of the national implementation system - 5 (not establishing): 1 (establishing but insufficient): 2 (establishing a system to a certain degree): 3 (establishing an advanced system, including the Catch-all): 4 (establishing an advanced system, including the Catch-all, but not continuously implementing appropriate export controls)  
B) Requiring the Conclusion of the AP for Nuclear Export - 2 (not requiring or no information): 1 (requiring for some cases): 2 (requiring)  
C) Implementation of the UNSC on North Korean and Iranian nuclear issues - 3 (not implementing or no information): 2 (implementing): 1 (actively implementing)  
D) Participation in the PSI - 2 (not participating): 1 (participating): 2 (actively participating) |
| 6 Transparency in the peaceful use of nuclear energy | 4 | A) Reporting on the peaceful nuclear activities - 2 (not reporting or no information): 1 (reporting but insufficiently): 2 (reporting)  
B) Reporting on plutonium management - 2 (not reporting or no information): 1 (reporting): 2 (reporting on not only plutonium but also uranium: 2 (reporting)) |
<p>| Point | 31 | 44 |
| Full Point | 44 | 44 |</p>
<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>Maximum point</th>
<th>Scale of measurement</th>
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<tbody>
<tr>
<td><strong>Nuclear Security</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>1 The amount of fissile material usable for nuclear weapons</strong></td>
<td>-10</td>
<td></td>
</tr>
<tr>
<td>Firstly, -3 if possessing fissile material usable for nuclear weapons. Then, deduct if:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- HEU: -5 (&gt;100t); -4 (&gt;20t); -3 (&gt;10t); -2 (&gt;1t); -1 (possessing less than 10t)</td>
<td>-9 -12 -16 -12 -12 -7 -6 -6 0 0 0 2 0 0 0 -4 -6 0 0 0 -4</td>
<td></td>
</tr>
<tr>
<td>- Weapon-grade Pu: -5 (&gt;100t); -4 (&gt;20t); -3 (&gt;10t); -2 (&gt;1t); -1 (possessing less than 10t)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Reactor-grade Pu: -3 (&gt;100t); -2 (&gt;10t); -1 (possessing less than 10t)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2 Accession to and Participation in Treaties and Other International Frameworks and Application to the National Implementation System</strong></td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>A) Convention on the Physical Protection of Nuclear Material and the 2005 Amendment to the Convention</td>
<td>3</td>
<td>3 2 3 3 2 3 3 2 0 0 3 2 3 2 2 2 3 3</td>
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<tr>
<td>B) International Convention for the Suppression of Acts of Nuclear Terrorism</td>
<td>2</td>
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<tr>
<td>C) Convention on Nuclear Safety</td>
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<tr>
<td>D) Convention on Early Notification of a Nuclear Accident</td>
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<td>E) Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management</td>
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<tr>
<td>F) Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency</td>
<td>2</td>
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<tr>
<td>G) Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities (INFCIRC/225/Rev.3)</td>
<td>4</td>
<td>0 2 0 2 2 0 0 0 0 2 2 2 2 2 2 2 2 2</td>
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<tr>
<td>H) Enactment of laws and establishment of regulations for national implementation</td>
<td>4</td>
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<tr>
<td><strong>3 Maintaining the highest possible standards of nuclear security/safety</strong></td>
<td>20</td>
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</tr>
<tr>
<td>A) Efforts for further minimization of HEU for peaceful purposes</td>
<td>4</td>
<td>3 4 4 6 4 0 3 0 0 0 4 3 4 4 4 4 4 0</td>
</tr>
<tr>
<td>B) Implementing measures (detection, deterrence, disruption, effective domestic control) for preventing illicit trafficking in nuclear materials throughout their territories</td>
<td>5</td>
<td>4 4 4 4 5 4 4 4 4 4 2 0 4 4 4 4 4 4 4</td>
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<tr>
<td>C) Acceptance of the IAEA nuclear security review missions</td>
<td>2</td>
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<tr>
<td>D) The IAEA Nuclear Security Plan and Nuclear Security Fund</td>
<td>2</td>
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<tr>
<td>E) Technology Development - Nuclear Forensics</td>
<td>2</td>
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<tr>
<td>F) Capacity-building and Outreach activities</td>
<td>2</td>
<td>1 2 1 2 2 1 0 1 0 0 1 1 2 2 2 1 2 1</td>
</tr>
<tr>
<td>G) Participation and contribution to initiatives such as CTR, G8 Global Partnership, GICNT, ISTC and Nuclear Security Summits</td>
<td>3</td>
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