Realizing a Peaceful World without Nuclear Weapons:

Hiroshima Initiatives for Global Peace

November 19, 2020

Peace Promotion Project Team
Hiroshima Prefecture
# Overview of the damage of the atomic bombing in Hiroshima

<table>
<thead>
<tr>
<th>Time of the a-bombing</th>
<th>At 8:15 am on August 6, 1945</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation of damage</td>
<td>● Heat rays: about 3,000 – 4,000°C (at ground level) (the temperature at which iron melts: 1,500°C)</td>
</tr>
<tr>
<td></td>
<td>● Blast: 440 m/sec (near the epicenter of the atomic-bomb blast) (heavy typhoons: about 30 – 40 m/sec)</td>
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<tr>
<td></td>
<td>● Radiation:</td>
</tr>
<tr>
<td></td>
<td>• Initial radiation (radiation within one minute after the explosion)</td>
</tr>
<tr>
<td></td>
<td>• Residual radiation (radiation which has remained on the ground)</td>
</tr>
<tr>
<td></td>
<td>→ Diseases and deaths due to indirect exposure of the bombing</td>
</tr>
</tbody>
</table>

* Hiroshima Pocket Peace Guide (excerpt from Hiroshima City’s publication)
## The destruction and recovery of Hiroshima: Remarkable characteristics

| Death toll (end of Dec. 1945) | About 140,000 people $\pm$ 10,000 people  
(about 74,000 people $\pm$ 10,000 people in Nagasaki) |
|--------------------------------|------------------------------------------------------|
| Current situation of atomic bomb survivors (end of March 2019) | Number of people: **136,682 people nationwide** (including 16,959 people in Hiroshima Pref.)  
Average age: **83.31 years old nationwide** |
A City looking for peace

Peace administration

Hiroshima City’s peace administration has played a significant role in advancing the important reconstruction process which created Hiroshima’s new identity.

- Peace memorial ceremony
- “Peace declaration” by the mayor
- Hiroshima Peace Culture Foundation

Peace memorial ceremony
(with 40,000 to 50,000 participants on August 6 each year)
The peace movement by the citizens in Hiroshima has not only attracted many supporters, who are engaged in preserving the Atomic Bomb Dome, it clarified the reality of damage caused by the bombing; passed on the experiences of the bombing and so on; but also increased interest in the government's documents and different sorts of other documents.

Peace education at elementary schools, junior high-schools and high schools has also provided opportunities, which allow children to think about the atomic bombing, pass on the experiences of the bombing, and look towards their future.
Vision for peace by atomic bomb survivors was examined based on the “questionnaire survey on 60 years after the bombing” conducted by The Asahi Shimbun Company in 2005.

The survey revealed the fact that many of the atomic bomb survivors looked for the “abolition of nuclear weapons” and “world peace.”
## The status of nuclear forces

(estimates, as of January 2020)

<table>
<thead>
<tr>
<th>Country</th>
<th>Deployed warheads</th>
<th>Other warheads</th>
<th>Total inventory (As of January 2020)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>1,750</td>
<td>4,050</td>
<td>5,800</td>
</tr>
<tr>
<td>Russia</td>
<td>1,570</td>
<td>4,805</td>
<td>6,375</td>
</tr>
<tr>
<td>U.K.</td>
<td>120</td>
<td>95</td>
<td>215</td>
</tr>
<tr>
<td>France</td>
<td>280</td>
<td>10</td>
<td>290</td>
</tr>
<tr>
<td>China</td>
<td>–</td>
<td>320</td>
<td>320</td>
</tr>
<tr>
<td>India</td>
<td>–</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Pakistan</td>
<td>–</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>Israel</td>
<td>–</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>North Korea</td>
<td>–</td>
<td>[30-40]</td>
<td>[30-40]</td>
</tr>
<tr>
<td>Total</td>
<td>3,720</td>
<td>9,680</td>
<td>13,400</td>
</tr>
</tbody>
</table>

Source: SIPRI YEARBOOK 2020
Hiroshima for Global Peace Plan (2011)

- **Determination to Abolish Nuclear Weapons**
  - Dissemination of messages of peace
  - Nuclear weapons abolition and non-proliferation
  - New security policy not relying on nuclear deterrence

- **Efforts toward Nuclear Weapons Abolition**
  - Research on reconstruction and building peace
  - Human resource development
  - Establishing sustainable peace support mechanisms

- **Faith in Reconstruction**
  - Efforts for Reconstruction & Building Peace

- **Realizing a peaceful world without nuclear weapons**
Dissemination of Messages of Peace

- Outreach to World Leaders

Visit by President Obama to Hiroshima (May 27, 2016)

Visit by His Holiness Pope Francis to Hiroshima (November 24, 2019)
Dissemination of Messages of Peace

Hosting International Conferences

- Hosting International Conferences in collaboration with Hiroshima City
  - Foreign Ministers’ Meeting of Non-Proliferation and Disarmament Initiative (NPDI) (2014)
  - UN Disarmament Conference (2015, 2017)
  - G7 Hiroshima Foreign Ministers’ Meeting (2016)

Global Networking

- Request for cooperation from UN representatives
  - UN Secretary General António Guterres

- Participation in the Nuclear Nonproliferation Treaty (NPT) Review Conference and its Preparatory Committees
Nuclear weapons abolition and non-proliferation

- **Publication and Dissemination of Hiroshima Report**
  Country-by-country analysis and evaluation of efforts toward nuclear disarmament, non-proliferation and nuclear security (since 2013)

- **Hiroshima Round Table**
  Annual, multilateral forum to discuss and promote nuclear disarmament and arms control in East Asia (since 2013)
New Security Policy not reliant on Nuclear Deterrence

- Policy proposals through collaboration with world top research institutes

  - Cooperation agreement
    - United Nations Institute for Disarmament Research (UNIDIR) (May 2017)
    - Peace Research Institute Oslo (PRIO) (May 2017)
    - Stockholm International Peace Research Institute (SIPRI) (May 2017)
    - The Royal Institute of International Affairs (Chatham House) (June 2018)
Adoption of “The Treaty on the Prohibition of Nuclear Weapons” (TPNW) (2017)

2017 Nobel Peace Laureate

The end is inevitable. But will that end be the end of nuclear weapons or the end of us? We must choose one.

Let this be the beginning of the end of nuclear weapons.
Hiroshima Prefecture

Nurturing future leaders who can make concrete contributions towards realizing world peace (since 2019-)

Program Features
- Understand the reality of the atomic bombing
- Learn about global trends on nuclear weapons and global security
- Acquire necessary skills and innovative visions
- Engage with and learn from UN officials, diplomats, and NGO members

Hiroshima-ICAN Academy on Nuclear Weapons and Global Security
Reconstruction & Building Peace

- Human resource development for post-conflict areas
  - UNITAR (2003-)
    (United Nations Institute for Training and Research)
  - Cambodia / Mindanao program
    (JICA/ Hiroshima Prefecture)

- Reconstruction and peace building research
  - Publication and dissemination of the booklet “Hiroshima’s Path to Reconstruction” (2015-)
  - Applies Hiroshima’s knowledge on reconstruction for human resource development

- Reconstruction and peace building research supporting the next generation
  - For high school students: “Future Leaders’ Program for Global Peace” (2016-)
  - Hiroshima Junior International Forum (2016-)
  - Online Programs (2018-)
Medical care expertise for the radiation-exposed
“HICARE”

Hiroshima International Council for Health Care of the Radiation-Exposed (HICARE)
※IAEA Collaborating Centre

Established in April 1991
Website: http://www.hicare.jp/en/
New approach to connect business to peace
Hiroshima Business Forum for Global Peace

Create favorable environments for peaceful business activities
(2013, 2016, 2018, 2019, 2020)

Keynote speaker: Prof. Philip Kotler

Holding the world’s first conference on the theme “Marketing Peace” (2016)

【Speakers】

Int’l NGO

Business

Jerry White (Nobel Peace Prize co-recipient)

Int’l NGO

Religion

Ryojun Shionuma Daiajari

Media

James W Harff (Global Communicators)

Business

Jonathan McClory (Portland)

Think Tank

Allison Pytlak (Control Arms)

NPO

Charles E Morrison (East-West Center)

Business

Brady Brewer (Starbucks Coffee Japan)

Int’l NGO

Per L Saxegaard (Business for Peace Foundation)
Nomination for the SDGs Future City

Hiroshima Prefecture was nominated as one of the SDGs Future cities in 2018

- Regional Revitalization Grant from Cabinet Office
Realizing global peace through SDGs
Expansion of supporters

Launch of the website “Hiroshima for Global Peace” (October 2019)

Hiroshima Prefecture

Hiroshima for Global Peace

Your participation changes the world

The number of nuclear weapons

13,865 (as of January 2019)

Source: Hiroshima Report
Thank you for your attention.

Please check our site:

☑ Search “Hiroshima for Global Peace”

■ URL:https://hiroshimaforpeace.com/en/