



Nuclear weapons bring more than just death



The production of nuclear weapons creates disproportionate health and environmental damage to indigenous and colonized populations [8].

Scientists who helped develop nuclear weapons have developed cases of mental distress [2].



Survivors of nuclear explosions have a higher risk of developing cancer later in life. Survivors of the initial blast may not be able to seek medical attention due to the loss of medical facilities [8].

Stop the spread of nuclear weapons

For more information
please visit:

psr.org
sfbaypsr.org
un.org/disarmement/wmd/nuclear



Approximately 200,000 people died in the Hiroshima and Nagasaki bombings [1].

Nagasaki's largest hospital was destroyed, along with all of its medical professionals [1].

Even if you survive, there may be no one left to help.

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Public Health

Evidence from bombing of Hiroshima and Nagasaki bombing:

-For those who were able to live through the bombing faced a life filled with pain due to ghastly burns, loss of skin, or shrapnel bomb shells or pieces of metal embedded in their bodies [3].



Source: (Press, 2015)

- Some faced economic hardships, social stigma, psychological damage, extreme health effects due to such significant radiation exposure [3].



Source: (Rich, 2017)

Image links:

[source:https://www.nytimes.com/2017/08/31/world/asia/taniguchi-nagasaki-atomic-bomb.html](https://www.nytimes.com/2017/08/31/world/asia/taniguchi-nagasaki-atomic-bomb.html)

<https://www.theledger.com/story/news/2015/08/09/a-bomb-left-japanese-man/8231839007/>

Survivors

Even if you survive a nuclear blast, we need to come together because the hardships are far from over...

Nuclear blast survivors have experienced increase risk in developing Leukemia later in life [1].

Short term medical effects include: bone marrow and mucous membrane destruction [1].

Nuclear weapons destroy medical facilities, infrastructure, and useable farmland, causing upstream health problems in the future [1].

The only way to prevent these consequences is to remove nuclear weapons...

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Mental Health



Japanese nuclear bomb survivors have suffered emotional stupor, characterized by emotional numbness [8].

Survivors of the 1997 Nagasaki bombing have suffered from severe apathy, disordered relationships, and depression [8].

Some potential psychological issues British nuclear test veterans have suffered from are anxiety, extreme anger, distress, and PTSD [2].

Those who have survived nuclear war increase the risk of mental illness [8].



TREATIES



Limited Test Ban Treaty (1963)

Trilateral agreement between the US, USSR & UK which banned the testing of nuclear devices in the atmosphere, underwater, and in outer space. The purpose of this treaty is to prevent exposure and contamination of the environment and eliminate the harmful impacts of 'radioactive debris' on human health [4].

Non-Proliferation Treaty (NPT) (1968)

Primary purpose of this international treaty was to achieve nuclear disarmament & facilitate cooperation among countries and remains recognized as the "[cornerstone of global nuclear non-proliferation...and an essential foundation for the pursuit of nuclear disarmament](#)" [10]

Treaty on the Prohibition of Nuclear Weapons

A comprehensive treaty that prohibits certain aspects of nuclear weapons such as testing, development, acquisition, and deployment of nuclear weapons; only 43 nations have ratified this treaty but not the U.S. [9].

The Cost of Nuclear Weapons

In 2021, the United States spent \$74.7 Billion in tax revenue on nuclear weapon expenditures [6].



In 2020, \$228 from each individual taxpayer went towards nuclear weapon development [6].



These funds can be better reallocated to public health funding and assisting the homeless [6].



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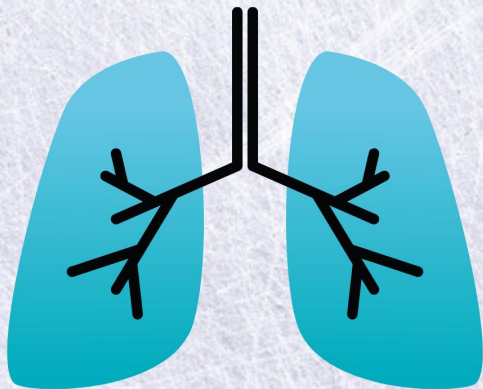
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PROTECT

Radiation Exposure Compensation Act



R.E.C.A

**Deadline : The RECA will expire on July 9,
2022**

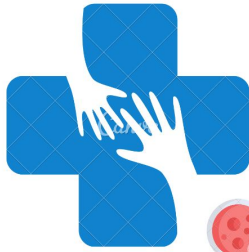


Radiation Exposure Compensation Act

The RECA was enacted in 1990 as a non-adversarial alternative to litigation for individuals who contracted certain illnesses following exposure to radiation as a result of the United States' atmospheric nuclear testing program and uranium ore processing operations during the Cold War [2].



[Link to applications](#)



REQUIREMENTS

- Pathology Report of tissue biopsy
- Location Details & Proves of Work History



STATES INVOLVED

- Arizona
- Colorado
- Nevada
- New Mexico
- Utah
- Wyoming



Compensable Cancers

- Leukemia
- Multiple myeloma
- Stomach cancer
 - Pharynx
 - Brain
- Stomach
 - Colon
 - Bladder
- Pancreas
 - Breast
- Esophagus
 - Bile ducts
- Gall bladder
 - Lung
- Ovarian

References

Justice Department surpasses \$2 billion in awards under the Radiation Exposure Compensation Act. The United States Department of Justice. (2016, February 4). Retrieved April 20, 2022, from <https://www.justice.gov/opa/pr/justice-department-surpasses-2-billion-awards-under-radiation-exposure-compensation-act>

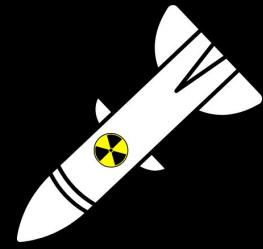
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Images courtesy of canva.com



**Congratulations traveler! You
just survived a nuclear blast!
What will you do next?**

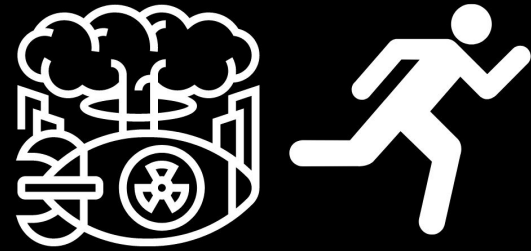
- A. Go to the hospital**
- B. Help other survivors**
- C. Run to safety**



**You can't go to a
hospital because
there is no more
hospital**



**Even if you find
someone to help
there are no places
left that can help**



**You can't run if
your leg bones
are broken

or if your legs are
blown off**

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After the atomic bomb: Hibakusha tell their stories.
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<https://doi.org/10.1017/S1816383116000242>

Images courtesy of canva.com

HOW TO SURVIVE A NUCLEAR BLAST

1

RUN FOR COVER!!!! [2]

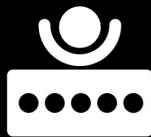
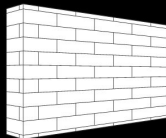
2

Hide in a concrete
or brick building.
AVOID WINDOWS
AND DOORS [2]

3

Stay informed with
any piece of media
still working such
as radio [2]

IF YOU ARE OUTSIDE,
LIE FACEDOWN BEHIND
COVER



CONGRATULATIONS, YOU SURVIVED A NUCLEAR BLAST

1

You can't go to a
hospital because
they will be
destroyed

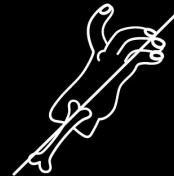
2

Help if you can.
There will be
scarce resource if
they are not
already destroyed

3

Be careful: The
blast and fallout
will damage your
bones and tissues
[1]

WHATEVER YOU DO,
DON'T LOOK AT THE
BLAST



WAYS TO HELP BEFORE AND AFTER A NUCLEAR BLAST

1

Support legislature
that helps those
affected by nuclear
weapons (R.E.C.A.)

2

Help spread the
word to abolish
nuclear weapons
(NPT)

3

Help survivors if
you can. There
will be scarce
resources if they
are not already
destroyed

THE BEST WAY TO SOLVE A PROBLEM IS BY PREVENTING IT



REFERENCES

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Images courtesy of canva.com