

Nuclear Weapons Test

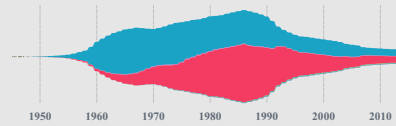
The world's nuclear powers have more than 10,000 nuclear warheads in their arsenals. These weapons have the capacity to kill millions directly and through their impact on agriculture have likely the potential to kill billions.

Nuclear weapons technology was developed during the 1930s and 1940s. The first nuclear weapons were detonated over Hiroshima and Nagasaki in August 1945. Since then, controlling the proliferation of nuclear weapons has been an important issue in international relations and the two detonations in Japan remained the only ever usage in warfare

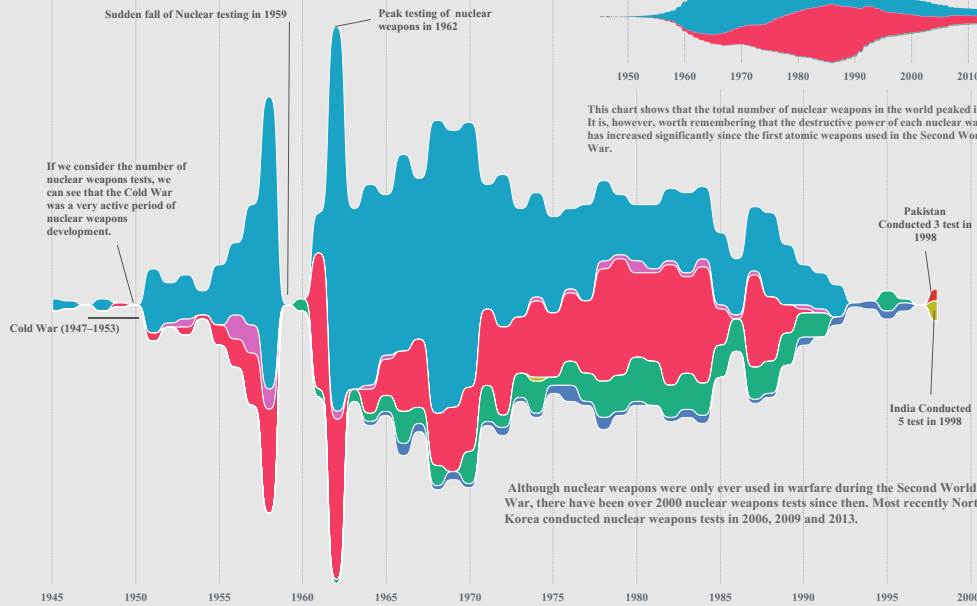
China
France
Israel
India
Pakistan
Russia
United Kingdom
United States

Stockpiles of nuclear weapons

One way of quantifying the proliferation of nuclear weapons is to look at the stockpiles countries have. The number of states with confirmed nuclear capabilities now includes the US, Russia, UK, France, China, India, Pakistan, Israel and North Korea.



This chart shows that the total number of nuclear weapons in the world peaked in 1986. It is, however, worth remembering that the destructive power of each nuclear warhead has increased significantly since the first atomic weapons used in the Second World War.



If we consider the number of nuclear weapons tests, we can see that the Cold War was a very active period of nuclear weapons development.

Cold War (1947-1953)

Pakistan Conducted 3 test in 1998

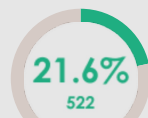
India Conducted 5 test in 1998

Although nuclear weapons were only ever used in warfare during the Second World War, there have been over 2000 nuclear weapons tests since then. Most recently North Korea conducted nuclear weapons tests in 2006, 2009 and 2013.

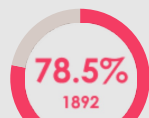
Nuclear weapons test by Type and by Country from 1945-2007

Atmospheric
Underground
Underwater

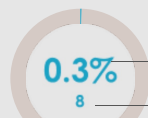
Most of the Nuclear weapon test are carried out in Underground.



Atmospheric

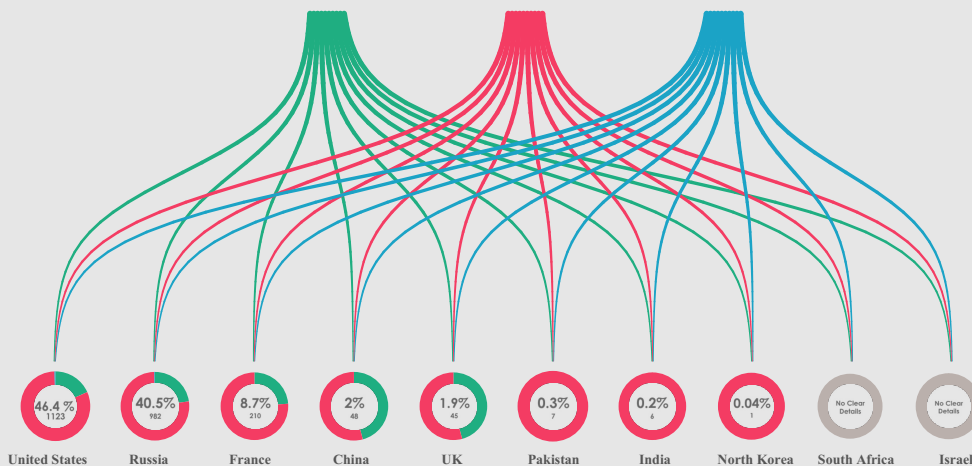


Underground



Underwater

Percent of Total detonation
No of Detonation



United States

Russia

France

China

UK

Pakistan

India

North Korea

South Africa

Israel

Note: Not all data is official, Data Source: <https://ourworldindata.org/>

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