

A WORLD OF POTENTIAL BOMBS

Fissile Material Inventory 2023.6

Separated Plutonium :

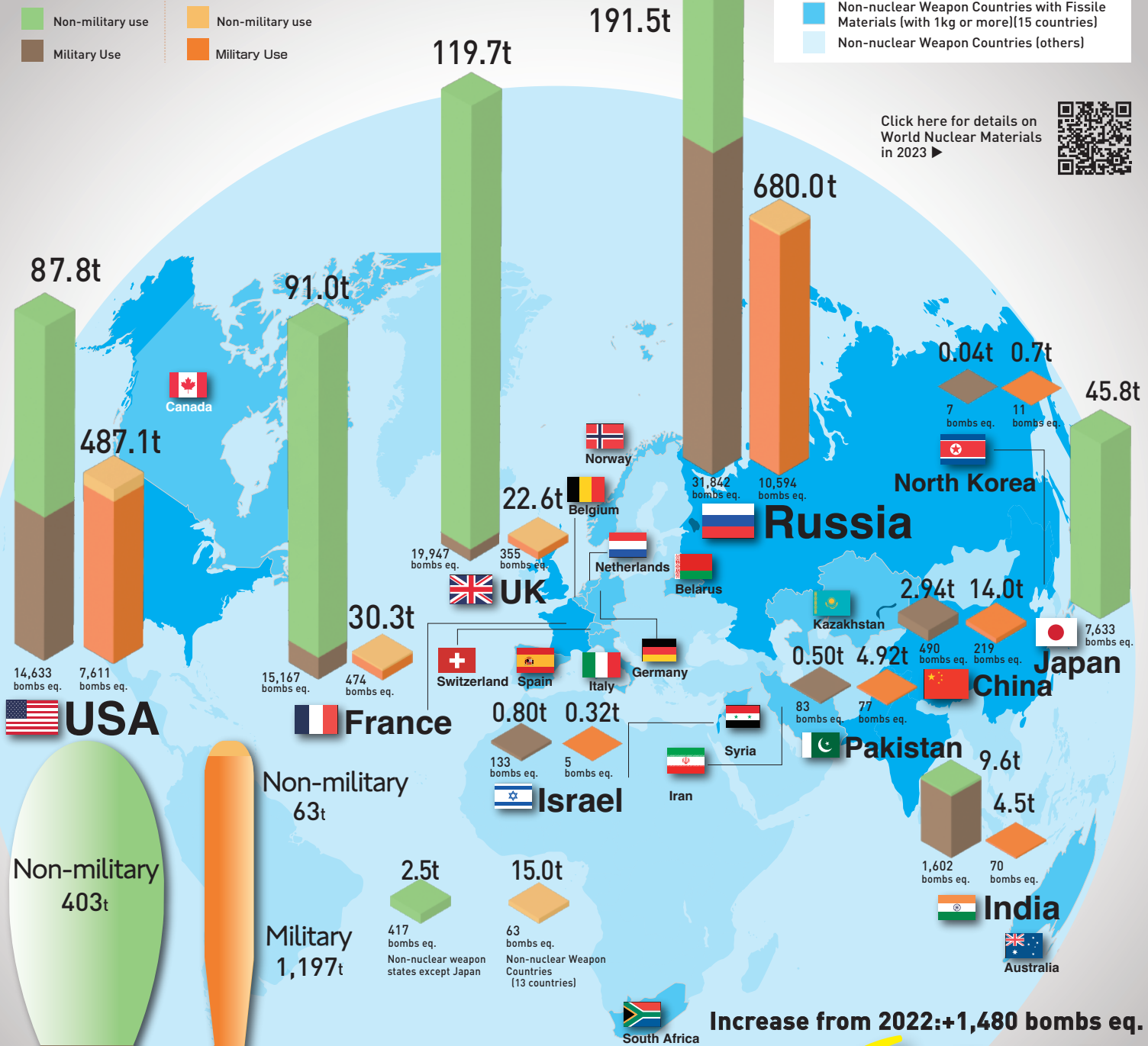
- Non-military use
- Military Use

Highly Enriched Uranium :

- Non-military use
- Military Use

- Nuclear Armed Countries (9 countries)
- Non-nuclear Weapon Countries with Fissile Materials (with 1kg or more)(15 countries)
- Non-nuclear Weapon Countries (others)

Click here for details on World Nuclear Materials in 2023 ▶



111,680

Bombs equivalent (Bombs eq.)

552t Separated Plutonium
1,260t Highly Enriched Uranium
92,000 Nagasaki Bombs Eq. (6kg/bomb)
19,680 Hiroshima Bombs Eq. (64kg/bomb)

• Fissile materials are Highly Enriched Uranium(HEU) and plutonium (Pu) which can be used for nuclear weapon.
• Fissile materials owned by non-nuclear weapon countries are shown only as total of materials owned by all non-nuclear weapon countries except separated plutonium owned by Japan.
*Global map is drawn as a design and thus may not be accurate. *All data are as of the end of 2021.
*The stockpile of fissile materials includes estimated ones with different isotopic composition and with large uncertainties, and thus total quantities are expressed in rounded numbers.