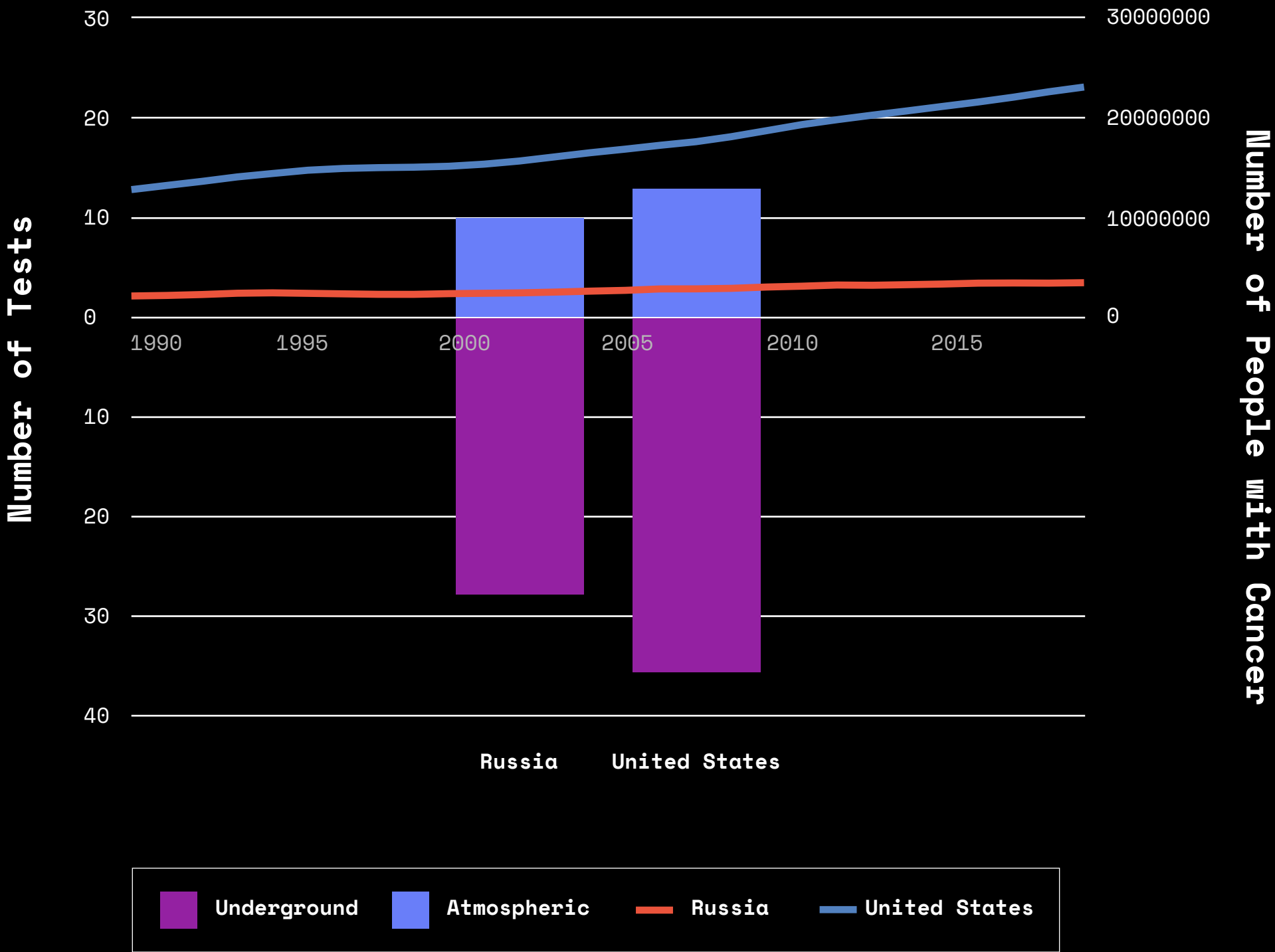


# Effects of Nuclear Testing on Nuclide Deposiiton and Cancer

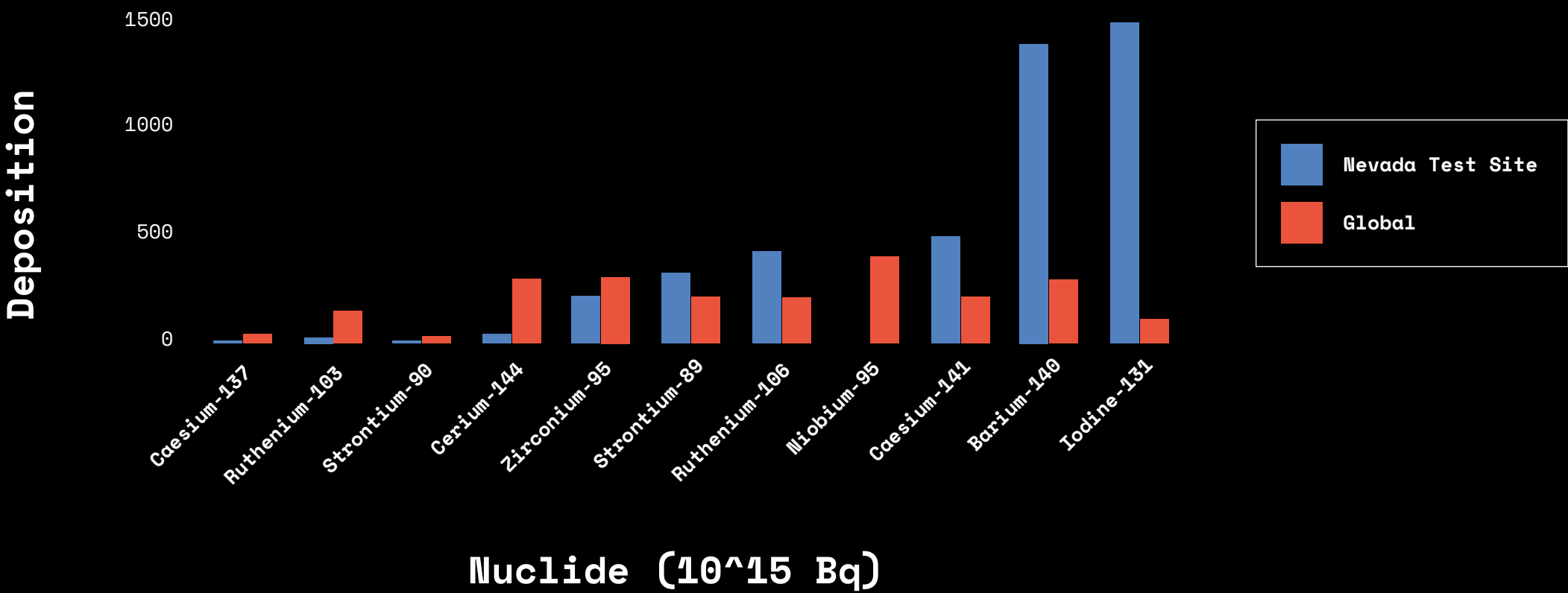
Exposure to radioactive nuclides such as Iodine-131, Caesium-137, and Strontium-90 have caused harm to the health of individuals. Several different types of Cancer are known to be a result of radioactive exposure due to nuclear testing conducted in the 20th century.

## This chart depicts:

- Overall number of atmospheric and underground tests in the USA and Russia
- People with Cancer in the USA and Russia from 1990-2017



## Total Deposition of Nuclides (Nevada Testing Site vs Global)



The Nevada Testing Site in the US deposited more nuclides than were deposited globally. This gives us insight as to why cancer cases in the US may be higher than that of Russia.

Iodine-131 is one of the most abundant and harmful radioactive nuclides released during nuclear testing. I-131 is one of the main causes of thyroid cancer.