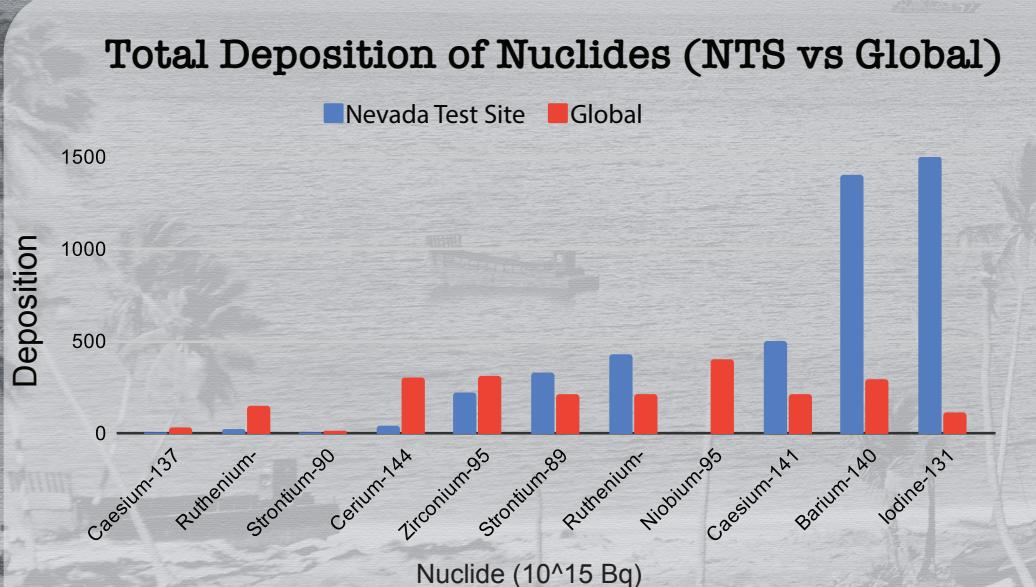


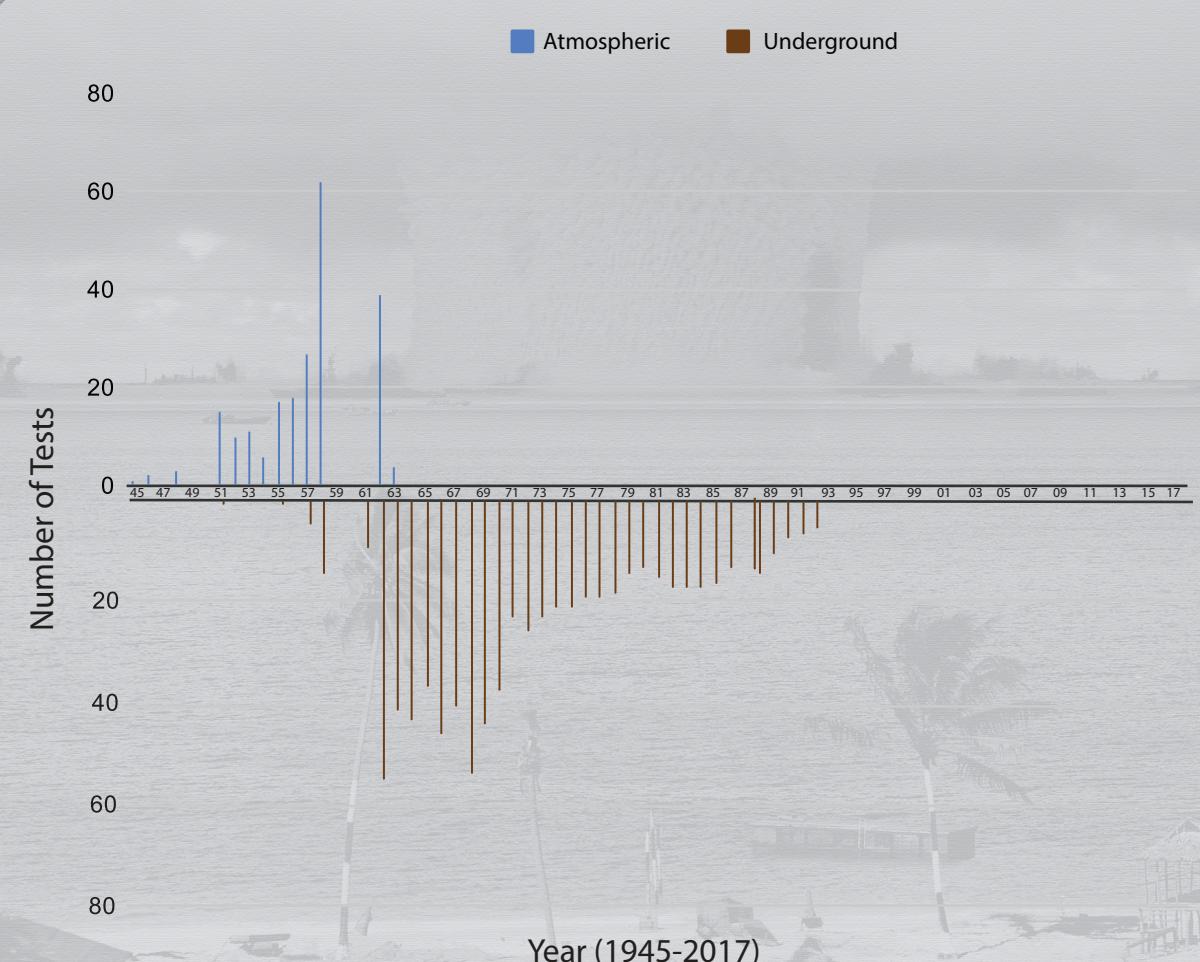
NUCLEAR TESTING IN THE US

A POTENTIAL CAUSE OF RISING CANCER

Iodine-131 is one of the most abundant and most harmful radioactive nuclides released during nuclear testing. I-131 is one of the main causes of thyroid cancer and huge amounts of this element were released at the NTS.



Atmospheric and Underground Tests in the US



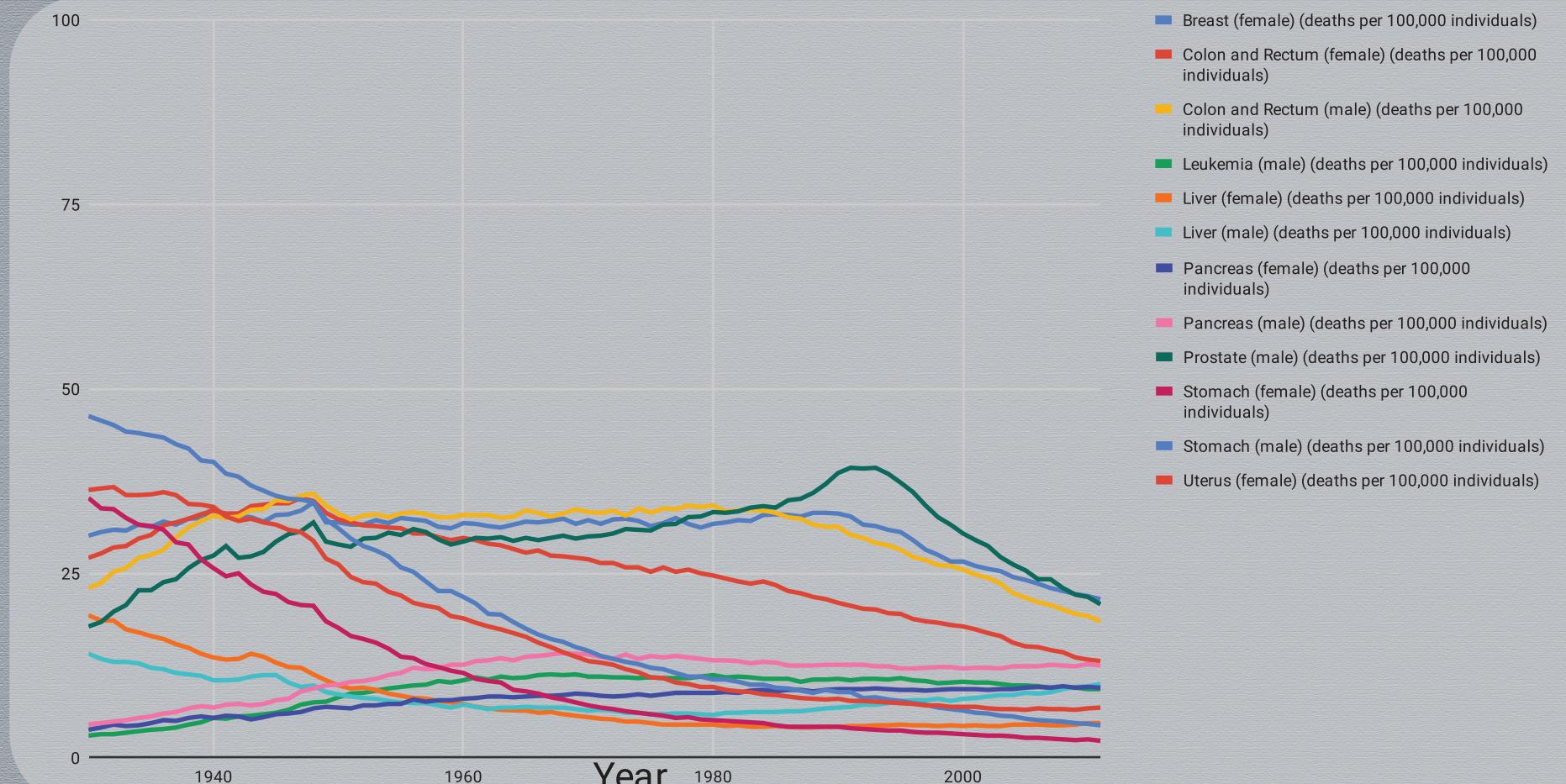
The Nevada Test Site was one of the most significant nuclear weapon testing sites in the United States. The testing site for around 928 nuclear tests between 1945 and 2000, NTS is also known to have one of the largest nuclear fallouts of all time.

Nuclear Fallout: A major cause of Cancer ?

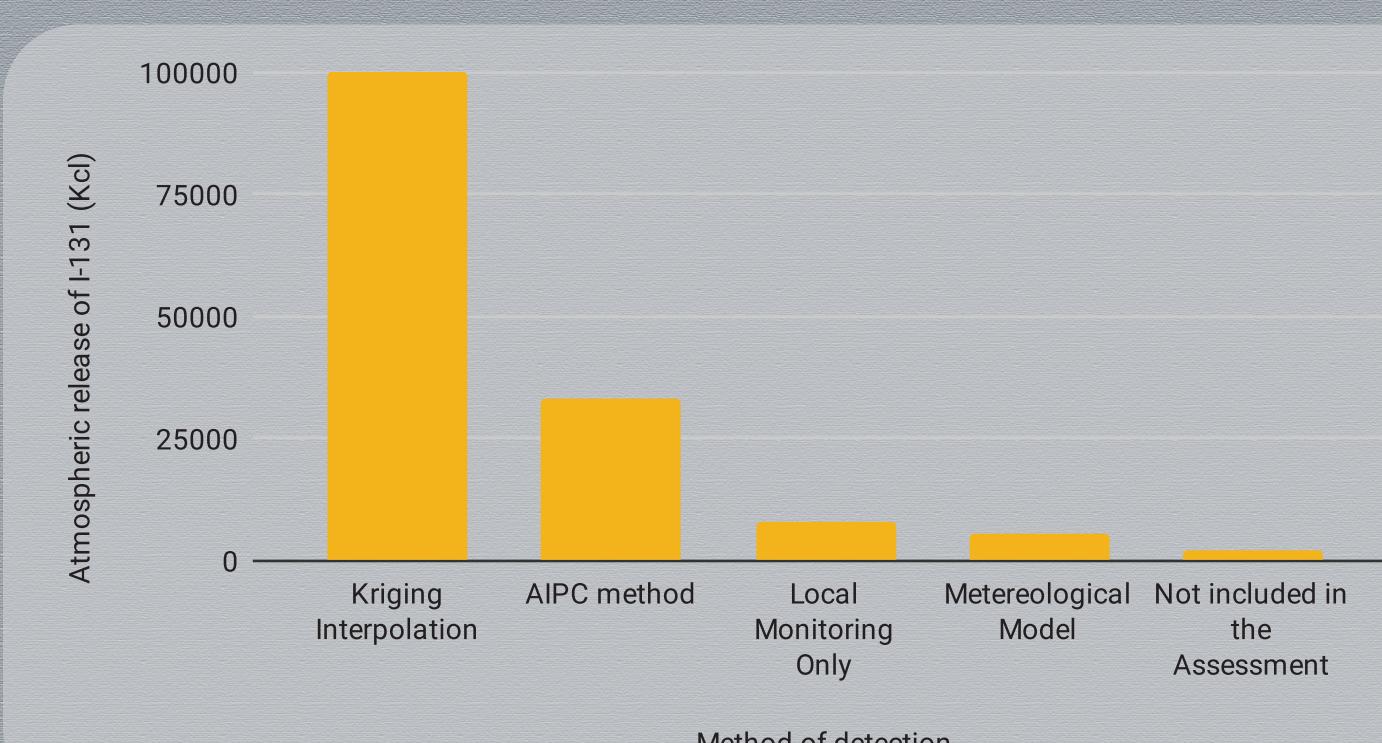
Several different types of Cancer incidences in the US population are known to be a result of radioactive exposure during the nuclear testing of the 20th century.

Exposure to radioactive nuclides such as Caesium-137, Strontium-90 and Iodine-131 caused immense harm to the health of people living in close vicinity of the testing sites and also threatened the lives of those living far away as radioactivity spread through food, air and other mediums.

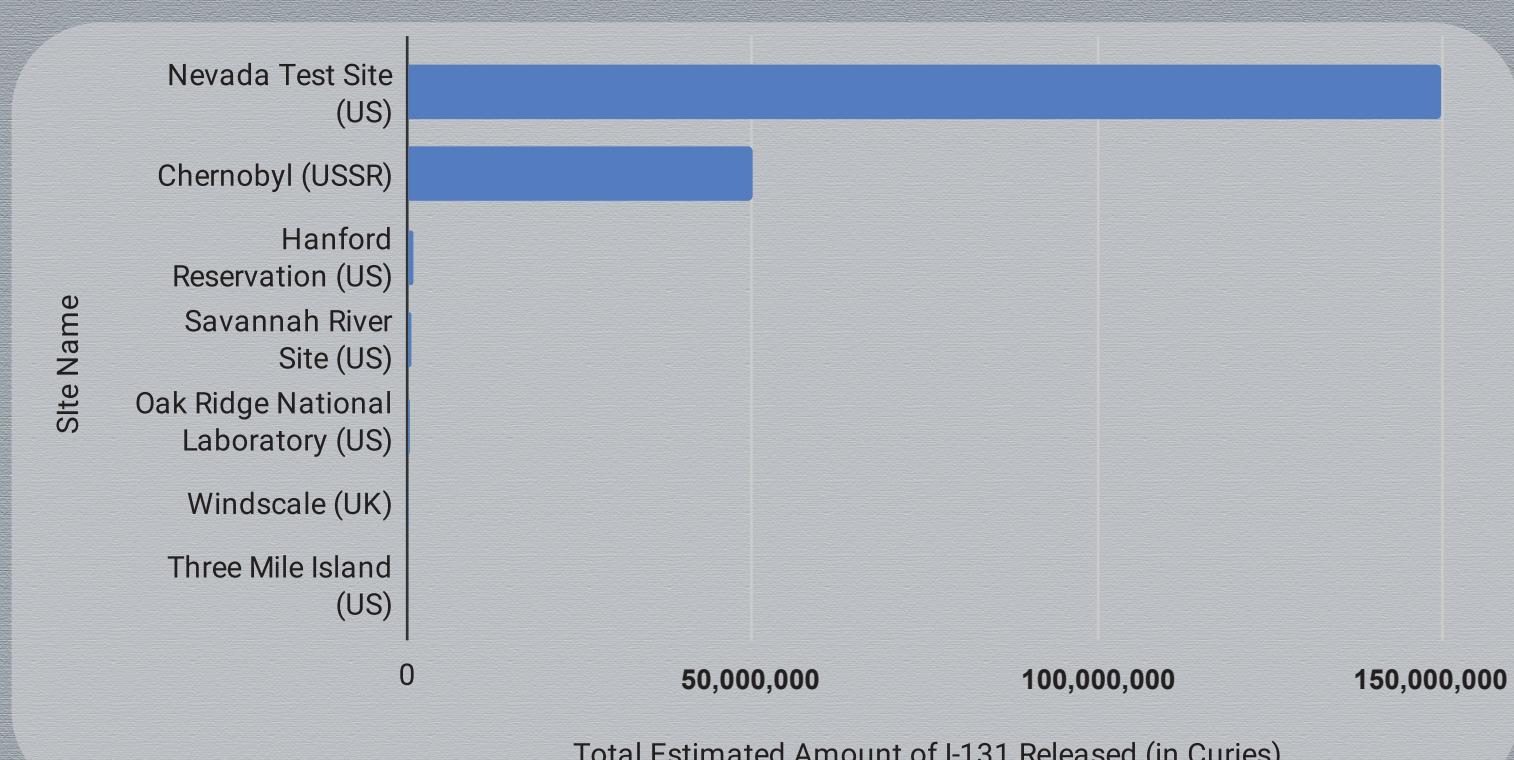
Cancer Death Rates by Type and Sex in the US Overtime



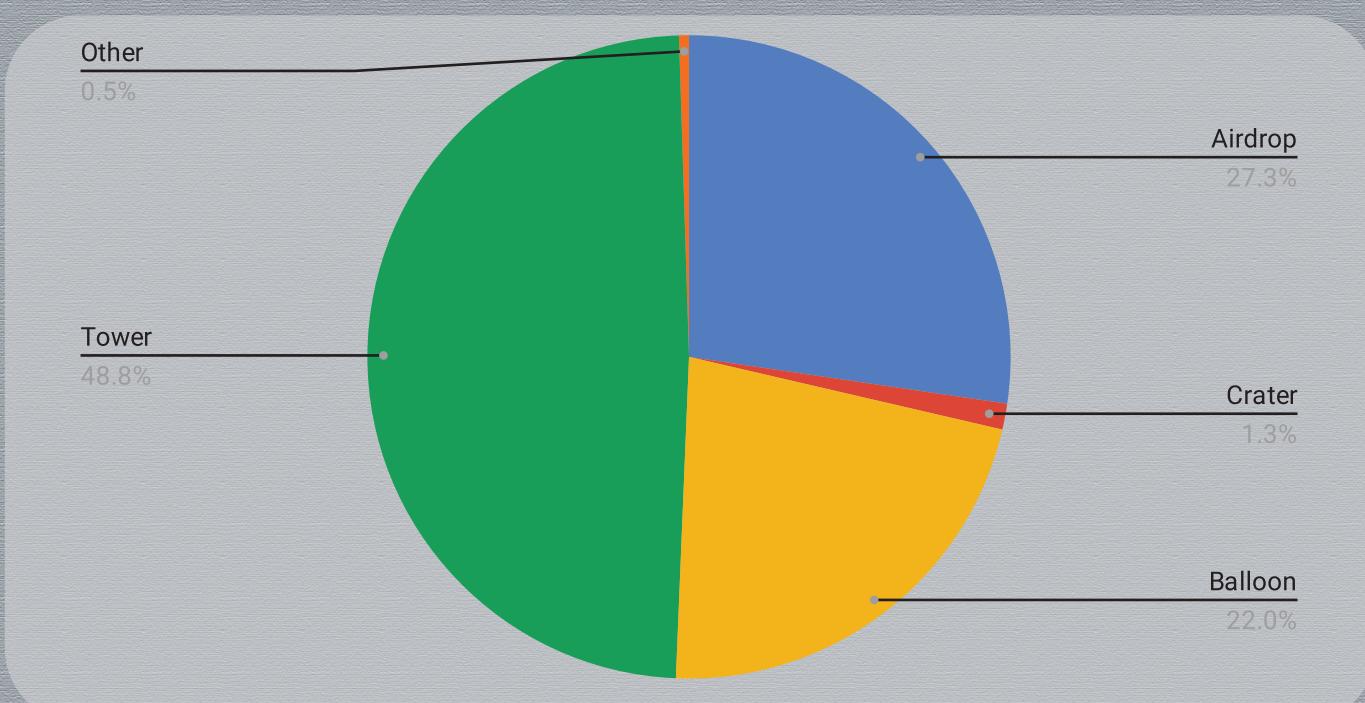
Atmospheric Release of I-131 based on Method of Detection



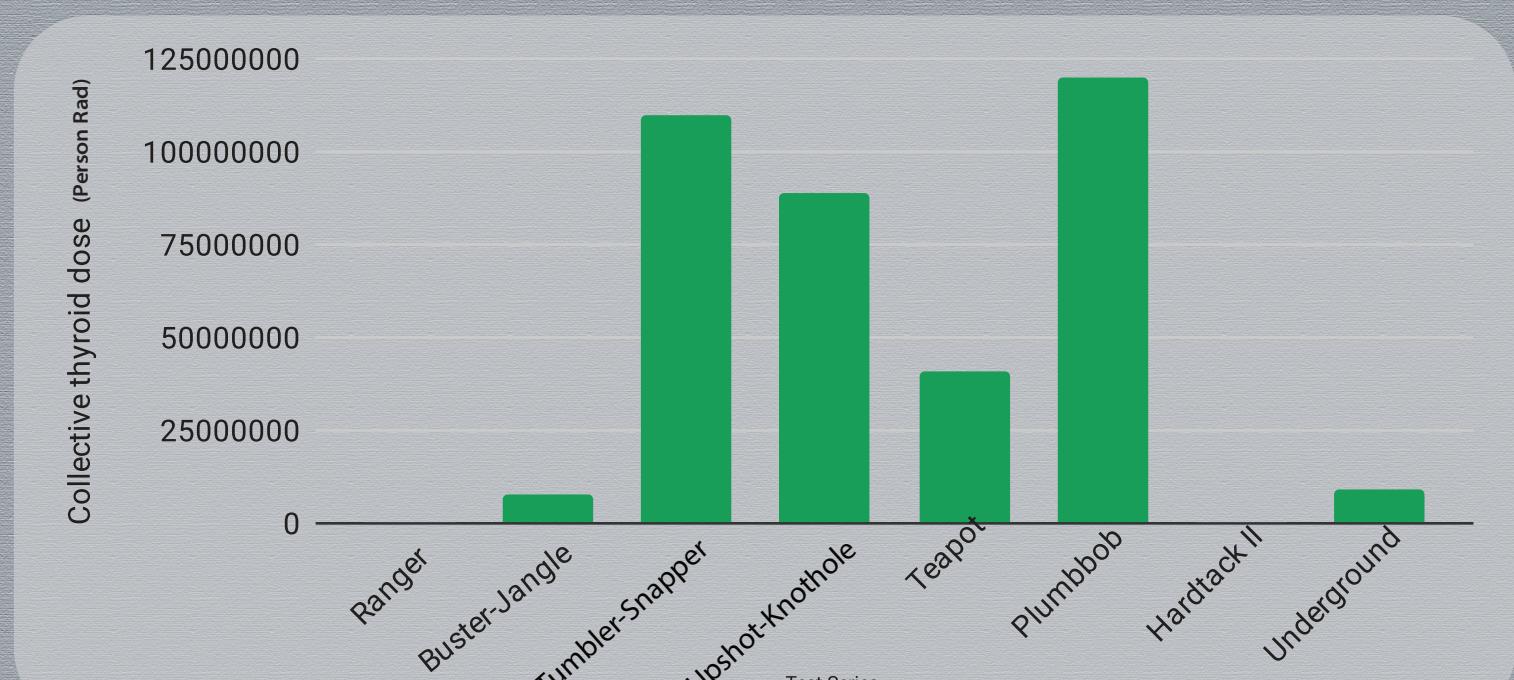
Total Estimated Release of I-131 from sites with the highest fallout



Percentage Release of I-131 by Type of Test



Collective Thyroid Dose by Test Series



Trends in Incidence Rates of Thyroid Cancer in the US (1975-2015)

