

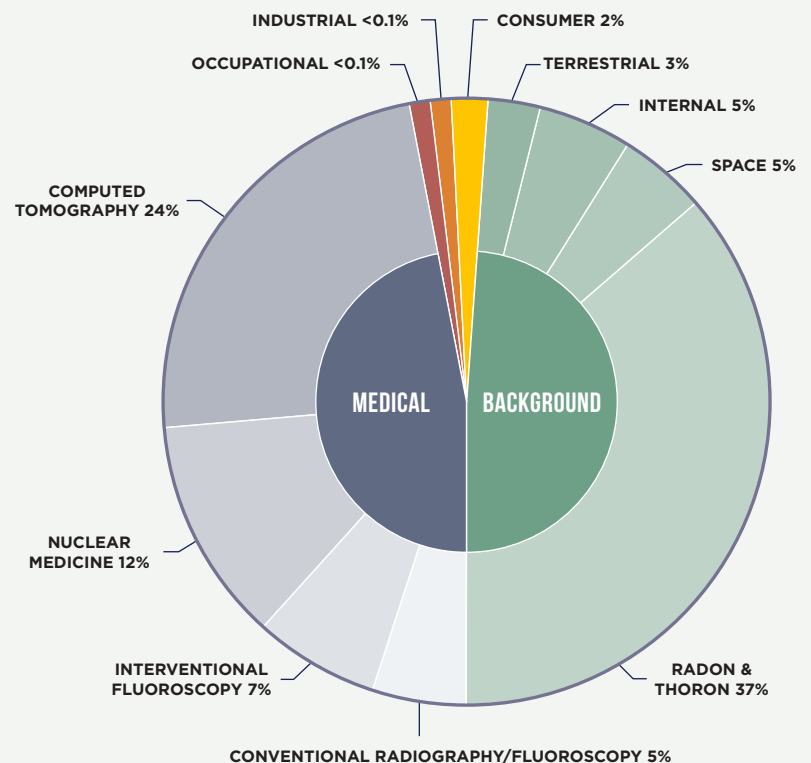
## N.S. SAVANNAH – LOWER LEVEL OF RADIATION THAN EVERYDAY EXPERIENCES

**PEOPLE ARE SURROUNDED BY RADIATION DURING THEIR DAILY LIVES. NATURALLY OCCURRING RADIOACTIVE MINERALS IN THE GROUND AND WATER CONTRIBUTE TO BACKGROUND RADIATION FOUND IN THE ENVIRONMENT.**

Some of these naturally occurring radioactive minerals, like potassium, are found inside the human body from ingesting foods like bananas. Radiation in low amounts does not pose any danger to humans, as it has been part of the natural environment forever. While some exposure to radiation is completely natural, another portion of radiation is man-made. Medical procedures, airplane travel, watching television and other human activities expose the body to low levels of radiation.

According to the National Council on Radiation Protection and Measurements (NCRP), the average annual radiation dose per person in the U.S. is 620 millirem. The pie chart to the right shows the sources of this average dose.

### AVERAGE U.S. DOSES AND SOURCES



Source: <https://www.epa.gov/radiation/radiation-sources-and-doses#backgroundradiation>

**RADIATION IN DAILY LIFE IS COMPLETELY NATURAL**

The amount of radiation we are exposed varies for different people based on location, occupation and lifestyle. The background radiation exposure on the vessel is much lower than most routine activities and aspects of daily life. Actually, 48% of an American's dose of radiation, on average, comes from medical procedures.

**RELATIVE DOSES FROM RADIATION SOURCES****Data Sources:**

<https://www.epa.gov/radiation/radiation-sources-and-doses#backgroundradiation>  
<https://www.epa.gov/radiation/calculate-your-radiation-dose>  
<https://www.pbs.org/wgbh/pages/frontline/shows/reaction/interact/facts.html>

For more information on the N.S. SAVANNAH, visit: [www.maritime.dot.gov/nssavannah](http://www.maritime.dot.gov/nssavannah)