

## "One in a Million"

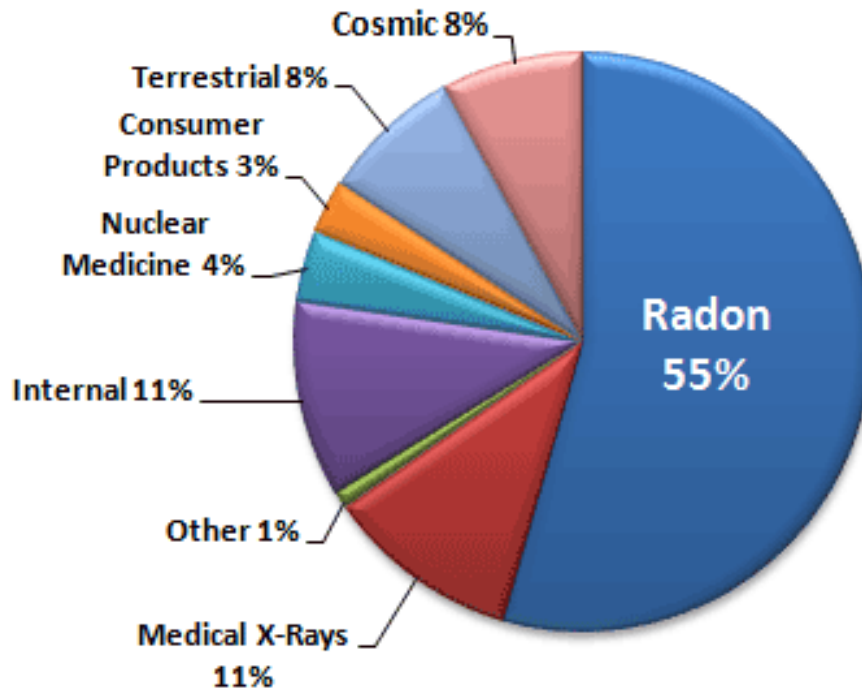
**Risk estimates equivalent to a full mouth series of dental x-rays (20 images) taken using conventional dental x-ray film.**

These are estimates taken from the NRC Draft guide DG-8012 and were adapted from B.L Cohen and I.S. Lee, "Catalogue of Risks Extended and Updates", *Health Physics*, Vol. 61, September 1991.

Relative Risk of 1 in a million chances of dying of activities common to our society.

- Smoking 1.4 cigarettes (lung cancer)
- Eating 40 tablespoons of peanut butter (carcinogens)
- Drinking 30 cans of diet soda (carcinogens)
- Spending 2 days in New York City (air pollution)
- Driving 40 miles in a car (accident)
- Flying 2500 miles in a jet (accident)
- Riding a bicycle for 10 minutes
- Canoeing for 6 minutes (drowning)
- Receiving 10 mrem of radiation (cancer)

*Adapted from DOE Radiation Worker Training, based on work by B.L Cohen, Sc.D.*



**Dental contributes only 0.1% to "Medical X-rays"**

