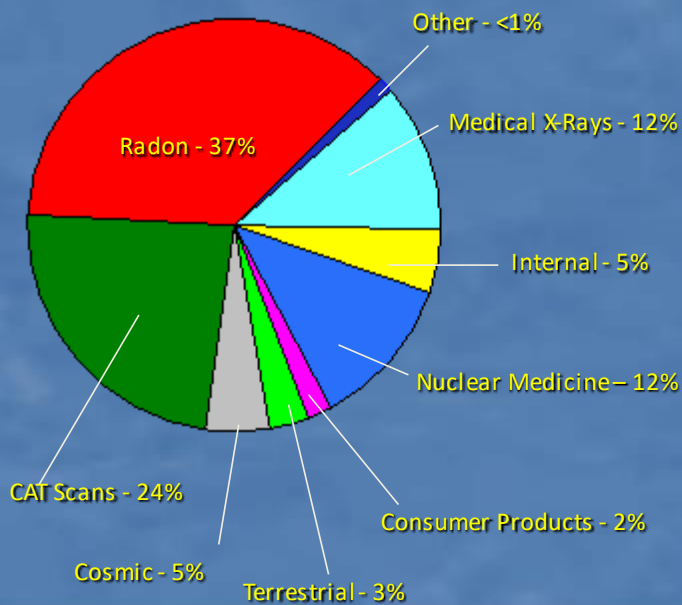


Sources of Radiation Exposure to US public 2009

Source: National Council on Radiation Protection (NCRP Report 160)



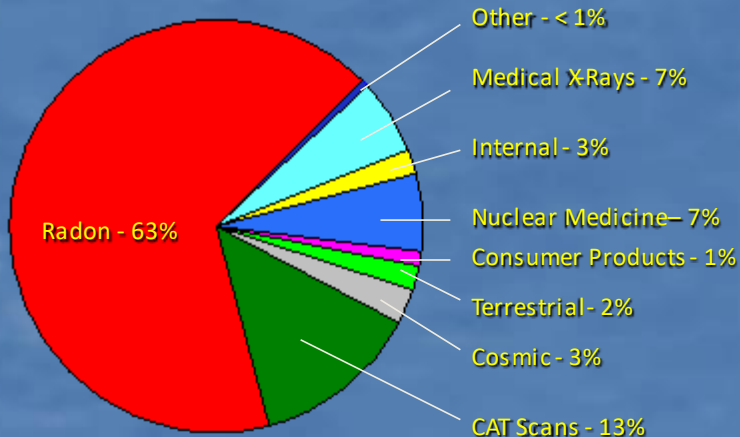
- Average Exposure 620 mrem
- Assumes average indoor radon concentration of 1.3 pCi/L.
- Radon is by far the greatest single source of radiation exposure to the general public



Illinois Emergency Management Agency

Script: 37% of the radiation that people are exposed to comes from radon and its progeny. The average indoor radon concentration nationwide is 1.3 pCi/L and the ambient air is approximately 0.4 pCi/L. In Illinois, the average ambient level is almost 0.6 pCi/L according to the results reported by USEPA in their study, the *National Ambient Radon Study* that was mandated by the *Indoor Radon Abatement Act of 1988*. Radon is the greatest source of radiation exposure to the public.

Sources of Radiation Exposure in Illinois



- Average Exposure 1,100 mrem
- Assumes average Illinois indoor radon concentration of **4.0 pCi/L.** ←
- Radon is by far the greatest single source of radiation exposure to the general public in Illinois.



Illinois Emergency Management Agency

Script: 55% of the radiation that people are exposed to comes from radon and its progeny. The average indoor radon concentration nationwide is 1.3 pCi/L and the ambient air is approximately 0.4 pCi/L. In Illinois, the average ambient level is almost 0.6 pCi/L according to the results reported by USEPA in their study, the *National Ambient Radon Study* that was mandated by the *Indoor Radon Abatement Act of 1988*. Radon is the greatest source of radiation exposure to the public.