

Health implications

Increased risk of premature death from

skiing during a 10-day holiday \longrightarrow $0.5 \cdot 10^{-4}$

working in the construction industry during a year $2 \cdot 10^{-4}$

receiving 10 mSv of radiation \longrightarrow $5 \cdot 10^{-4}$

driving a car 5000 km \longrightarrow $5 \cdot 10^{-4}$

working with mining or fishing during a year $10 \cdot 10^{-4}$

smoking 20 cigarettes a day during a year \longrightarrow $50 \cdot 10^{-4}$

working as president of the USA during a year $150 \cdot 10^{-4}$

receiving 10 mSv of radiation per year during
the age of 18 to 65 \longrightarrow $300 \cdot 10^{-4}$

(risk of getting cancer during a lifetime: $3000 \cdot 10^{-4}$)