Radiation Dose to Entire Body, in millisieverts (mSv)

- Head CT scan: 2 mSv
- Chest CT scan: 7 mSv
- Pelvis CT scan: 10 mSv
- Arm, leg or bone-density x-ray: 0.001 mSv
- Dental x-ray: 0.005 mSv
- Chest x-ray: 0.1 mSv
- Mammogram: 0.4 mSv
- Abdominal x-ray: 0.7 mSv
- Smoking (1 pack a day for a year): 0.36 mSv
- Airport scanner (backscatter): 0.0001 mSv
- Domestic airline flight (5 hours): 0.0165 mSv

Average Exposure in U.S. (mSv per year)

- 1980 (3.6 total)
  - Natural background
  - Man-made, medical
  - Man-made, other

- 2006 (6.2 total)
  - Natural background
  - Man-made, medical
  - Man-made, other

Worker Exposure (mSv per year above background)

- Airline pilot and crew: 3.1 mSv
- Nuclear power plant: 1.9 mSv

Astronaut on space station: 72 mSv per year

1 mSv per hour

Dose received by workers over many hours during the first week of Japan’s March reactor accidents; brief pulses reached 400 mSv. The U.S. limit for workers in emergencies is 50 mSv a year.