

S4 Table. Cumulative dose of internal and external exposure of radiocesium

Cumulative dose (mGy)*	Mean	Median	Range
Internal exposure	5.3 ± 4.7	3.3	0.3 – 15.6
External exposure	16.9 ± 21.7	4.0	2.5 – 76.3
Total exposure	22.1 ± 24.8	8.5	3.5 – 85.5

*The cumulative dose from ^{134}Cs and ^{137}Cs during certain duration were calculated as

$$\sum_{k=0}^n \left\{ C_{\text{Cs134}} A_{\text{Cs134}} \frac{1}{2} \left(\frac{1}{2}\right)^{\frac{k}{T_{1/2\text{Cs134}}}} + C_{\text{Cs137}} A_{\text{Cs137}} \left(\frac{1}{2}\right)^{\frac{k}{T_{1/2\text{Cs137}}}} \right\}$$

C; coefficient ($\mu\text{Gy/day}$)/(Bq/kg) for internal exposure, ($\mu\text{Gy/day}$)/(Bq/m²) for external exposure of the reference deer by ICRP Pub.108.

A; radiocesium concentration (Bq/kg) in the skeletal muscle for internal exposure or soil (Bq/m²) for external exposure as of March 15, 2011.

$T_{1/2}$; half life (days), 754 for ^{134}Cs and 10983 for ^{137}Cs .

n; period from March 15 to the day of capture (days).