

Readings of the radiation rate with the cooperation of universities

Upper column : Reading of the integrated dose(24h)
 Lower column : the reference value which was calculated
 as the number per one hour

Prefecture	Monitoring Point	City	4/4 ~ 4/5
Hokkaido	1	Muroran City	1 μ Sv (0.04 μ Sv/h)
	2	Obihiro City	2 μ Sv (0.08 μ Sv/h)
	3	Asahikawa City	1 μ Sv (0.04 μ Sv/h)
	4	Kitami City	2 μ Sv (0.08 μ Sv/h)
	5	Kushiro City	1 μ Sv (0.04 μ Sv/h)
	6	Hakodate City	1 μ Sv (0.04 μ Sv/h)
Aomori	7	Hirosaki City	1 μ Sv (0.04 μ Sv/h)
	8	Hachinohe City	1 μ Sv (0.04 μ Sv/h)
Miyagi	9	Sendai City	3 μ Sv (0.1 μ Sv/h)
Yamagata	10	Yonezawa City	2 μ Sv (0.08 μ Sv/h)
	11	Tsuruoka City	2 μ Sv (0.08 μ Sv/h)
Fukushima	12	Fukushima City	11 μ Sv (0.46 μ Sv/h)
Ibaraki	13	Tsukuba City	4 μ Sv (0.2 μ Sv/h)
Tochigi	14	Oyama City	3 μ Sv (0.1 μ Sv/h)
Gunma	15	Kiryu City	3 μ Sv (0.1 μ Sv/h)
Chiba	16	Chiba City	4 μ Sv (0.2 μ Sv/h)
	17	Kisarazu City	5 μ Sv (0.2 μ Sv/h)
Tokyo	18	Bunkyo Ward	4 μ Sv (0.2 μ Sv/h)
	19	Fuchu City	2 μ Sv (0.08 μ Sv/h)
	20	Meguro Ward	1 μ Sv (0.04 μ Sv/h)
	21	Minato Ward	2 μ Sv (0.08 μ Sv/h)
	22	Hachioji City	3 μ Sv (0.1 μ Sv/h)
Kanagawa	23	Yokohama City	3 μ Sv (0.1 μ Sv/h)
Niigata	24	Nagaoka City	2 μ Sv (0.08 μ Sv/h)
Nagano	25	Matsumoto City	3 μ Sv (0.1 μ Sv/h)
	26	Ueda City	3 μ Sv (0.1 μ Sv/h)

* We have measured the integrated dose(24h) from around 2PM to the next
 * Readings of lower column are the reference value because of the lower limit of the pocket dosimeter (1 μ Sv)

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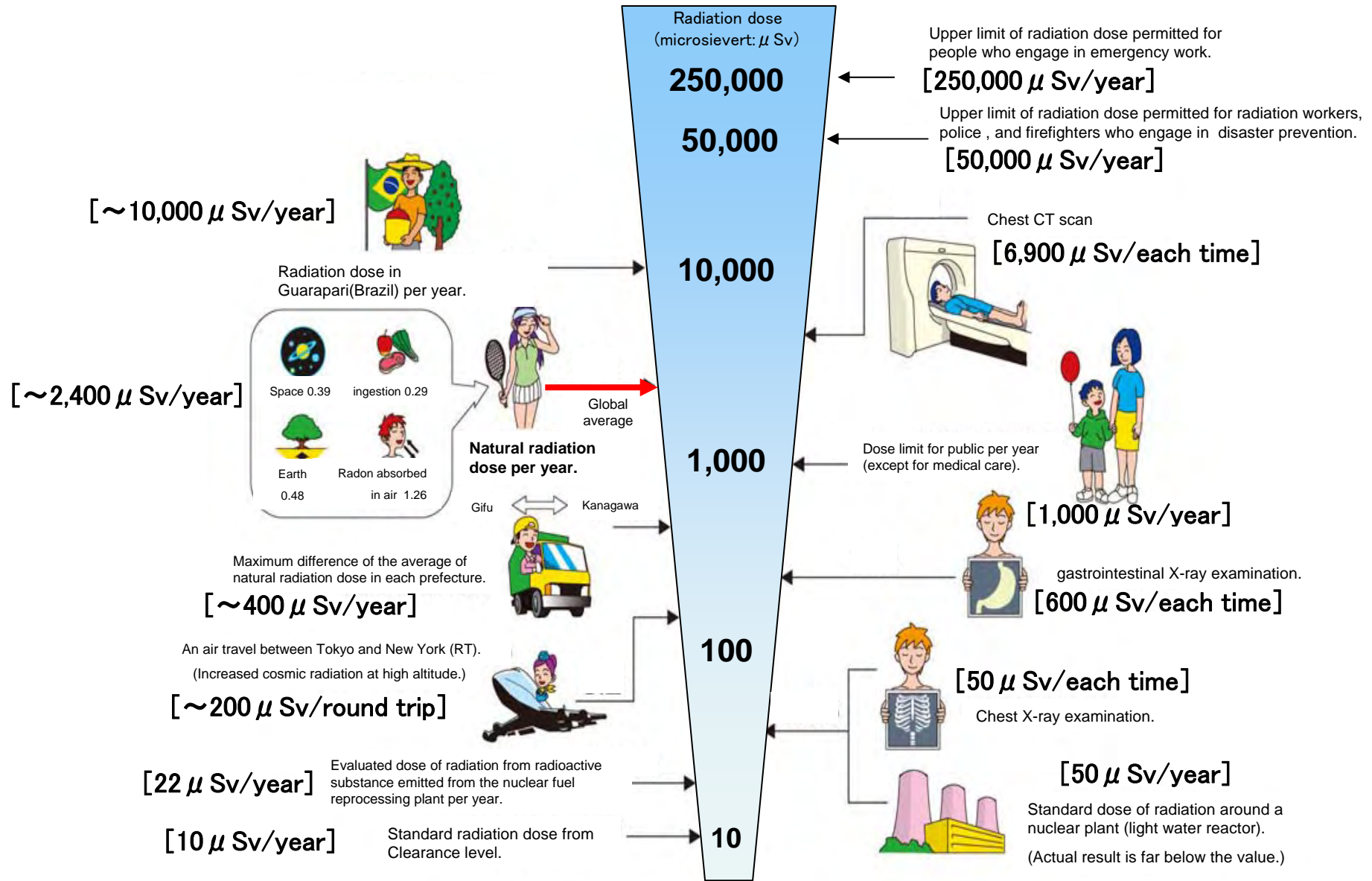
Prefecture	Monitoring Point	City	4/3~4/4
Hokkaido	1	Muroran City	1 μ Sv (0.04 μ Sv/h)
	2	Obihiro City	1 μ Sv (0.04 μ Sv/h)
	3	Asahikawa City	2 μ Sv (0.08 μ Sv/h)
	4	Kitami City	1 μ Sv (0.04 μ Sv/h)
	5	Kushiro City	1 μ Sv (0.04 μ Sv/h)
	6	Hakodate City	2 μ Sv (0.08 μ Sv/h)
Aomori	7	Hirosaki City	1 μ Sv (0.04 μ Sv/h)
	8	Hachinohe City	1 μ Sv (0.04 μ Sv/h)
Miyagi	9	Sendai City	2 μ Sv (0.08 μ Sv/h)
Yamagata	10	Yonezawa City	2 μ Sv (0.08 μ Sv/h)
	11	Tsuruoka City	2 μ Sv (0.08 μ Sv/h)
Fukushima	12	Fukushima City	12 μ Sv (0.50 μ Sv/h)
Ibaraki	13	Tsukuba City	4 μ Sv (0.2 μ Sv/h)
Tochigi	14	Oyama City	3 μ Sv (0.1 μ Sv/h)
Gunma	15	Kiryu City	3 μ Sv (0.1 μ Sv/h)
Chiba	16	Chiba City	4 μ Sv (0.2 μ Sv/h)
	17	Kisarazu City	5 μ Sv (0.2 μ Sv/h)
Tokyo	18	Bunkyo Ward	3 μ Sv (0.1 μ Sv/h)
	19	Fuchu City	3 μ Sv (0.1 μ Sv/h)
	20	Meguro Ward	2 μ Sv (0.08 μ Sv/h)
	21	Minato Ward	3 μ Sv (0.1 μ Sv/h)
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Radiation in Daily-life

※Unit : μSv



[~10,000 $\mu\text{Sv}/\text{year}$]



Radiation dose in Guarapari(Brazil) per year.

[~2,400 $\mu\text{Sv}/\text{year}$]

Space 0.39 ingestion 0.29

Earth 0.48 Radon absorbed in air 1.26

Natural radiation dose per year.

Gifu ↔ Kanagawa

Global average

Maximum difference of the average of natural radiation dose in each prefecture.

[~400 $\mu\text{Sv}/\text{year}$]

An air travel between Tokyo and New York (RT).
(Increased cosmic radiation at high altitude.)

[~200 $\mu\text{Sv}/\text{round trip}$]

[22 $\mu\text{Sv}/\text{year}$]

Evaluated dose of radiation from radioactive substance emitted from the nuclear fuel reprocessing plant per year.

[10 $\mu\text{Sv}/\text{year}$]

Standard radiation dose from Clearance level.

Radiation dose (microsievert: μSv)

250,000

Upper limit of radiation dose permitted for people who engage in emergency work.

[250,000 $\mu\text{Sv}/\text{year}$]

50,000

Upper limit of radiation dose permitted for radiation workers, police, and firefighters who engage in disaster prevention.

[50,000 $\mu\text{Sv}/\text{year}$]

10,000

Chest CT scan

[6,900 $\mu\text{Sv}/\text{each time}$]

1,000

Dose limit for public per year (except for medical care).

[1,000 $\mu\text{Sv}/\text{year}$]

gastrointestinal X-ray examination.

[600 $\mu\text{Sv}/\text{each time}$]

100

[50 $\mu\text{Sv}/\text{each time}$]

Chest X-ray examination.

[50 $\mu\text{Sv}/\text{year}$]

Standard dose of radiation around a nuclear plant (light water reactor).

(Actual result is far below the value.)