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	4/11～4/12
Hokkaido	1	Muroran City	1μSv (0.04μSv/h)
	2	Obihiro City	1μSv (0.04μSv/h)
	3	Asahikawa City	2μSv (0.08μSv/h)
	4	Kitami City	2μSv (0.08μSv/h)
	5	Kushiro City	2μSv (0.08μSv/h)
	6	Hakodate City	2μSv (0.08μSv/h)
Aomori	7	Hirosaki City	1μSv (0.04μSv/h)
	8	Hachinohe City	2μSv (0.08μSv/h)
Miyagi	9	Sendai City	2μSv (0.08μSv/h)
Yamagata	10	Yonezawa City	3μSv (0.13μSv/h)
	11	Tsuruoka City	2μSv (0.08μSv/h)
Fukushima	12	Fukushima City	9μSv (0.38μSv/h)
Ibaraki	13	Tsukuba City	3μSv (0.13μSv/h)
Tochigi	14	Oyama City	3μSv (0.13μSv/h)
Gunma	15	Kiryu City	3μSv (0.13μSv/h)
Chiba	16	Chiba City	4μSv (0.17μSv/h)
	17	Kisarazu City	3μSv (0.13μSv/h)
Tokyo	18	Bunkyo Ward	5μSv (0.21μSv/h)
	19	Fuchu City	2μSv (0.08μSv/h)
	20	Meguro Ward	1μSv (0.04μSv/h)
	21	Minato Ward	2μSv (0.08μSv/h)
	22	Hachioji City	3μSv (0.13μSv/h)
Kanagawa	23	Yokohama City	Less than 1μSv
Niigata	24	Nagaoka City	1μSv (0.04μSv/h)
Nagano	25	Matsumoto City	2μSv (0.08μSv/h)
	26	Ueda City	2μSv (0.08μSv/h)

＊We have measured the integrated dose(24h) from around 2PM to the next day.

＊Readings of lower column are the reference value because of the lower limit of the pocket dosimeter (1μSv)

Toyama	27	Takaoka City	—
Ishikawa	28	Nobi City	3 μ Sv (0. 13 μ Sv/h)
Fukui	29	Eiheiji Town	2 μ Sv (0. 08 μ Sv/h)
Gifu	30	Gifu City	2 μ Sv (0. 08 μ Sv/h)
Shizuoka	31	Hamamatsu City	—
Shizuoka	32	Numazu City	1 μ Sv (0. 04 μ Sv/h)
Aichi	33	Toyohashi City	1 μ Sv (0. 04 μ Sv/h)
Mie	34	Tsu City	—
Shiga	35	Hikone City	2 μ Sv (0. 08 μ Sv/h)
Kyoto	36	Kyoto City	—
Osaka	37	Suita City	1 μ Sv (0. 04 μ Sv/h)
Hyogo	38	Akashi City	2 μ Sv (0. 08 μ Sv/h)
Nara	39	Ikoma City	2 μ Sv (0. 08 μ Sv/h)
Wakayama	40	Gobo City	2 μ Sv (0. 08 μ Sv/h)
Tottori	41	Tottori City	3 μ Sv (0. 13 μ Sv/h)
Okayama	42	Tsuyama City	—
Hiroshima	43	Higashi-Hiroshima City	—
Yamaguchi	44	Ube City	2 μ Sv (0. 08 μ Sv/h)
Tokushima	45	Anan City	2 μ Sv (0. 08 μ Sv/h)
Kagawa	46	Mitoyo City	—
Ehime	47	Niihama City	2 μ Sv (0. 08 μ Sv/h)
Kochi	48	Nangoku City	2 μ Sv (0. 08 μ Sv/h)
Fukuoka	49	Fukuoka City	2 μ Sv (0. 08 μ Sv/h)
Nagasaki	50	Nagasaki City	—
Kumamoto	51	Kumamoto City	—
Miyazaki	52	Miyakonojo City	—
Kagoshima	53	Kirishima City	1 μ Sv (0. 04 μ Sv/h)
Okinawa	54	Nishihara Town	1 μ Sv (0. 04 μ Sv/h)

＊We have measured the integrated dose(24h) from around 2PM to the next day.

＊Readings of lower column are the reference value because of the lower limit of the pocket dosimeter (1 μ Sv).

＊Monitoring Points Nnumber 27 to 54 are added in this time.

＊The Points that are indicated as [—] are prepared for measurement.

Radiation in Daily-life

※Unit : μSv

Radiation dose (microsievert: μSv)

250,000

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

[250,000 μSv/year]

50,000

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

[50,000 μSv/year]

[～10,000 μSv/year]

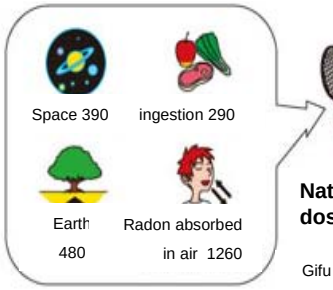
Radiation dose in Guarapari(Brazil) per year.

10,000

Chest CT scan

[6,900 μSv/each time]

[～2,400 μSv/year]



Global average

Natural radiation dose per year.

1,000

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

[1,000 μSv/year]

Gifu ⟷ Kanagawa

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

[～400 μSv/year]

gastrointestinal X-ray examination.

[600 μSv/each time]

100

An air travel between Tokyo and New York (RT).

(Increased cosmic radiation at high altitude.)

[～200 μSv/round trip]

[50 μSv/each time]

Chest X-ray examination.

[22 μSv/year]

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

[50 μSv/year]

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

(Actual result is far below the value.)

[10 μSv/year]

Standard radiation dose from Clearance level.

10

※ Sv【Sievert】＝Constant of organism effect by kind of radiation（※） × Gy【gray】

※ It is 1 in case of X ray and γ ray.

MEXT makes this, based on "Nuclear power 2002" made by Agency of Natural Resources and Energy.