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

Toyama	27	Takaoka City	1 μ Sv (0. 04 μ Sv/h)
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	2 μ Sv (0. 08 μ Sv/h)
	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	1 μ Sv (0. 04 μ Sv/h)
Shiga	35	Hikone City	2 μ Sv (0. 08 μ Sv/h)
Kyoto	36	Uji City	2 μ Sv (0. 08 μ Sv/h)
Osaka	37	Suita City	2 μ Sv (0. 08 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	2 μ Sv (0. 08 μ Sv/h)
Okayama	42	Tsuyama City	2 μ Sv (0. 08 μ Sv/h)
Hiroshima	43	Higashi-Hiroshima City	2 μ Sv (0. 08 μ Sv/h)
Yamaguchi	44	Ube City	2 μ Sv (0. 08 μ Sv/h)
Tokushima	45	Anan City	1 μ Sv (0. 04 μ Sv/h)
Kagawa	46	Mitoyo City	1 μ Sv (0. 04 μ Sv/h)
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	Less than 1 μ Sv
Nagasaki	50	Nagasaki City	2 μ Sv (0. 08 μ Sv/h)
Kumamoto	51	Kumamoto City	1 μ Sv (0. 04 μ Sv/h)
Miyazaki	52	Miyakonojo City	1 μ Sv (0. 04 μ Sv/h)
Kagoshima	53	Kirishima City	2 μ Sv (0. 08 μ Sv/h)
Okinawa	54	Nishihara Town	2 μ Sv (0. 08 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)

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]

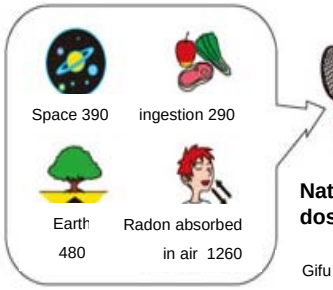
Radiation dose in Guarapari(Brazil) per year.

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.