

Readings of integrated Dose at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 10:00 April 7, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

* 1 the readings are measured by pocket dosimeter

Monitoring Post (length from NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) (μ Sv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) (μ Sv)	Accumulated Time (z = y - x)	Reading of integrated Dose (c = b - a) (μ Sv)	Weather
Monitoring Area [31] (About30kmWest/North/West)	2011/3/23 11:43	2011/4/5 10:38	5217 ^{*1}	2011/4/6 11:35	5494 ^{*1}	24hour57minutes	277 (11.1 μ Sv/h)	No Rain
Monitoring Area [32] (About30kmNorth/West)	2011/3/23 12:14	2011/4/5 10:56	11630 ^{*1}	2011/4/6 12:00	12260 ^{*1}	25hour04minutes	630 (25.1 μ Sv/h)	No Rain
Monitoring Area [33] (About30kmNorth/West)	2011/3/23 12:32	2011/4/5 11:20	6839 ^{*1}	2011/4/6 12:21	7195 ^{*1}	25hour01minutes	356 (14.2 μ Sv/h)	No Rain
Monitoring Area [34] (About30kmNorth/West)	2011/3/23 13:08	2011/4/5 13:44	2404 ^{*1}	2011/4/6 14:01	2536 ^{*1}	24hour17minutes	132 (5.4 μ Sv/h)	No Rain
Monitoring Area [38] (About35kmSouth)	2011/3/31 16:23	2011/4/5 14:17	178 ^{*1}	2011/4/6 14:23	192 ^{*1}	24hour06minutes	14 (0.6 μ Sv/h)	No Rain
Monitoring Area [71] (About25kmSouth)	2011/3/23 13:00	2011/4/5 15:58	602 ^{*1}	2011/4/6 15:13	621 ^{*1}	23hour15minutes	19 (0.8 μ Sv/h)	No Rain
Monitoring Area [79] (About30kmNorth/West)	2011/3/23 14:09	2011/4/5 11:54	5440 ^{*1}	2011/4/6 13:23	5748 ^{*1}	25hour29minutes	308 (12.1 μ Sv/h)	No Rain
Monitoring Area [7] (About45kmNorth)	2011/3/23 12:06	2011/4/5 11:31	333 ^{*1}	2011/4/6 12:04	351 ^{*1}	24hour33minutes	18 (0.7 μ Sv/h)	No Rain
Monitoring Area [1] (About60kmNorth/West)	2011/3/24 15:20	2011/4/5 14:41	346 ^{*1}	2011/4/6 14:59	369 ^{*1}	24hour18minutes	23 (0.9 μ Sv/h)	No Rain
Monitoring Area [15] (About35kmWest)	2011/3/24 10:58	2011/4/5 11:05	536 ^{*1}	2011/4/6 12:41	570 ^{*1}	25hour36minutes	34.0 (1.3 μ Sv/h)	No Rain
Monitoring Area [84] (About40kmSouth/West)	2011/3/25 10:40	2011/4/5 10:09	69 ^{*1}	2011/4/6 13:05	74 ^{*1}	26hour56minutes	5 (0.2 μ Sv/h)	No Rain
Monitoring Area [39] (About45kmNorth)	2011/4/1 10:45	2011/4/5 9:42	79 ^{*1}	2011/4/6 11:17	98 ^{*1}	25hour35minutes	19 (0.7 μ Sv/h)	No Rain
Monitoring Area [76] (About20kmSouth/West)	2011/4/2 11:35	2011/4/5 11:50	38 ^{*1}	2011/4/6 13:39	53 ^{*1}	25hour49minutes	15 (0.6 μ Sv/h)	No Rain
Monitoring Area [80] (About25kmNorth)	2011/4/3 11:56	2011/4/5 11:57	32 ^{*1}	2011/4/6 13:10	48 ^{*1}	25hour13minutes	16 (0.6 μ Sv/h)	No Rain

notes: The parenthetic figures in the column "Integrated Dose" indicates the values of readings of integrated dose divided by accumulated time (c/z).

· Reading by MEXT

· The figures of 0.0 in the column "Date and Time (last monitoring)" indicate that there was new installation in the area.

Readings of Integrated Dose at Monitoring Post out of Fukushima Dai-ichi NPP



- ### Monitoring Time
- March 23th ~ April 6th
(Monitoring Post: 7, 31 ~ 34, 71, 79)
 - March 24th ~ April 6th
(Monitoring Post: 1, 15)
 - March 25th ~ April 6th
(Monitoring Post: 84)
 - March 31th ~ April 6th
(Monitoring Post: 38)
 - April 1st ~ April 6th
(Monitoring Post: 39)
 - April 2nd ~ April 6th
(Monitoring Post: 76)
 - April 3rd ~ April 6th
(Monitoring Post: 80)
- Monitoring Post

(explanatory note)

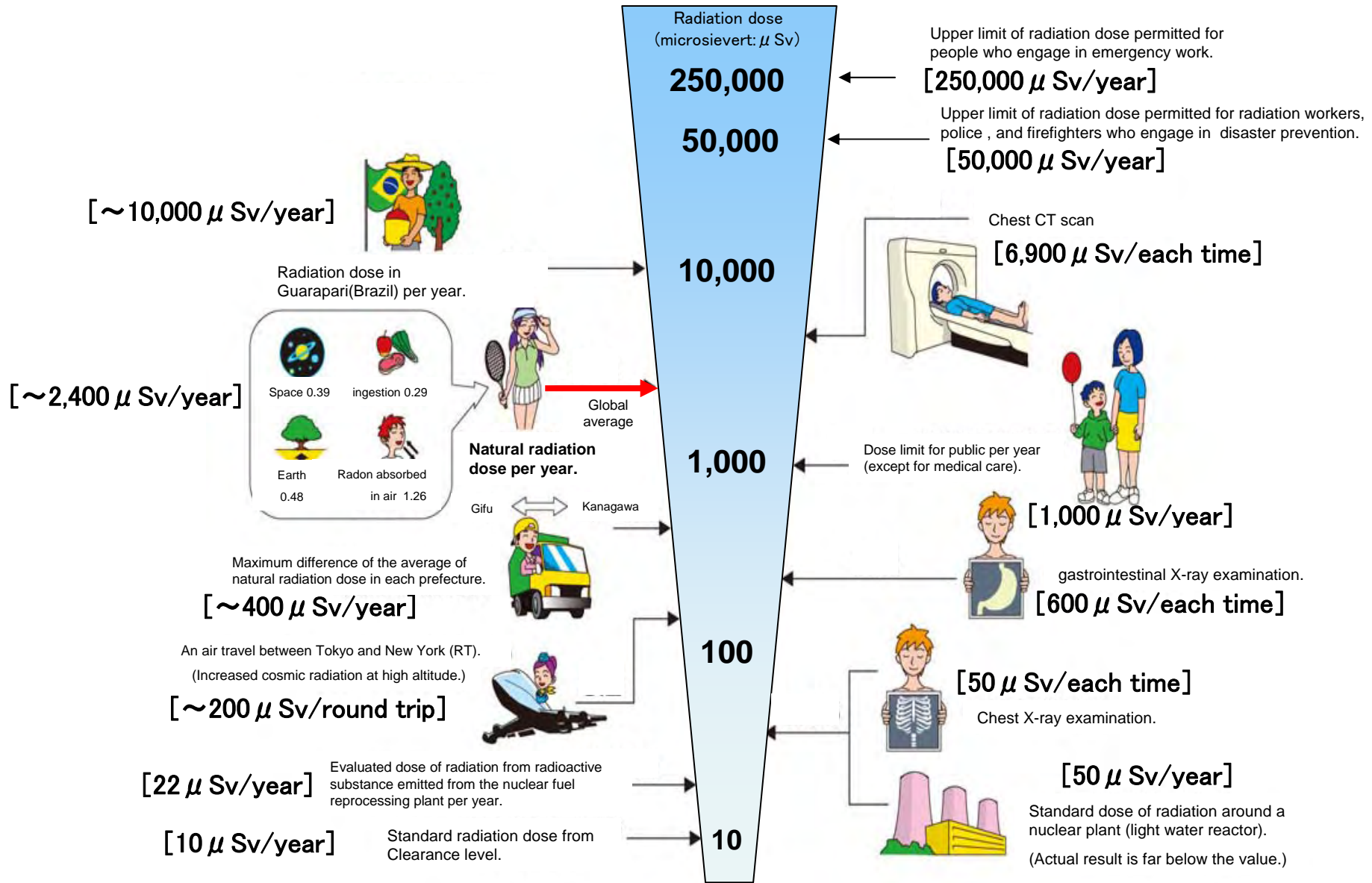
【 Monitoring Post number】
 Readings of Integrated Dose ※
 <increment from the last monitoring>
 (average dose per hour)

Readings of Integrated Dose indicate that accumulation of dose from each starting date till April 6th, for 3 days to 14 days.

Unit: μ Sv per hour

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.



Global average

Gifu ↔ Kanagawa

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.

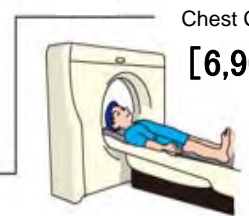
[250,000 $\mu\text{Sv}/\text{year}$]

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

100



gastrointestinal X-ray examination.

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

10



[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.)