

## Results of dose rate measurement at schools in Fukushima Pref.

Surveyed on May 6, 2011

No.	City	Name of School	Measurement Time	Air dose rates ( $\mu$ S v / h )				Weather
				Average value outside the building		Value at the place of concrete paving		
				1 m	5 0 c m	1 m	5 0 c m	
1	Koriyama	Koriyama municipal Koriyama Daini junior high school	9:52	1.0	1.0	1.3	1.7	Fair
2	Koriyama	St-paul kindergarten	10:36	1.1	1.0	1.4	1.6	Fair
3	Koriyama	Koriyama municipal Kaoru elementary school	11:20	0.9	0.9	0.8	0.9	Fair
4	Koriyama	Koriyama municipal Koriyama Daiichi junior high school	12:01	1.4	1.5	1.5	1.7	Fair
5	Koriyama	Koriyama municipal Koriyama Daisan junior high school	12:40	0.8	0.8	1.7	2.0	Fair
6	Motomiya	Motomiya municipal Gohyakugawa elementary school	12:50	2.9	3.0	1.1	0.9	Fair
7	Motomiya	Motomiya Daiyon nursery	12:30	2.8	3.1	1.3	1.4	Fair
8	Motomiya	Motomiya municipal Wada kindergarten	12:03	2.9	3.1	1.9	1.9	Fair
9	Motomiya	Motomiya municipal Wada elementary school	11:43	2.9	3.2	1.0	0.9	Fair
10	Nihonmatsu	Nihonmatsu municipal Ishii kindergarten	13:13	2.8	2.9	1.8	1.7	Fair
11	Nihonmatsu	Nihonmatsu municipal Ishii elementary school	12:58	2.9	3.0	1.8	1.9	Fair
12	Nihonmatsu	Nihonmatsu municipal Dakeshita elementary school	10:55	2.8	2.9	0.9	0.9	Fair
13	Nihonmatsu	Matsugaoka nursery	11:18	2.6	2.9	1.2	1.3	Fair
14	Nihonmatsu	Nihonmatsu municipal Sugita elementary school	10:20	2.2	2.3	1.0	1.0	Fair
15	Nihonmatsu	Nihonmatsu municipal Sugita kindergarten	10:05	2.8	3.1	1.5	1.3	Fair
16	Nihonmatsu	Nihonmatsu municipal Nihonmatsu Daini junior high school	11:48	1.5	1.4	1.5	1.8	Fair
17	Nihonmatsu	Nihonmatsu municipal Obama junior high school	12:20	2.9	3.0	1.6	1.6	Fair
18	Fukushima	Fukushima municipal Shimokawasaki elementary school	11:30	2.9	3.1	2.1	2.1	Fair
19	Fukushima	Fukushima municipal Okubo elementary school	11:05	2.3	2.4	1.5	1.6	Fair
20	Fukushima	Fukushima municipal Nankoudai elementary school	10:25	2.7	2.8	1.9	2.0	Fair
21	Fukushima	Fukushima municipal Ohnami elementary school	10:43	3.1	3.4	2.1	2.2	Fair
22	Date	<u>Date municipal Oguni elementary school</u>	11:15	0.8	0.8	2.0	2.4	Fair/Cloudy
23	Soma	Tamano kindergarten	12:02	2.9	3.1	1.6	1.8	Fair
24	Soma	Tamano junior high school	12:26	3.0	3.2	2.1	2.4	Fair
25	Soma	Tamano elementary school	12:02	2.9	3.1	1.6	1.8	Fair
26	Fukushima	Fukushima municipal Okayama elementary school	10:42	2.6	2.8	1.5	1.2	Fair
27	Fukushima	Seishin saniku nursery	11:01	1.7	1.8	1.7	2.0	Fair
28	Fukushima	Saniku kindergarten	11:23	2.1	2.1	1.6	1.7	Fair

No.	City	Name of School	Measurement Time	Air dose rates ( $\mu\text{Sv/h}$ )				Weather
				Average value outside the building		Value at the place of concrete paving		
				1 m	50 cm	1 m	50 cm	
29	Date	<u>Date municipal Tominari elementary school</u>	12:38	0.7	0.7	1.8	1.7	Fair
30	Fukushima	Fukushima municipal Fukushima special school	10:45	2.4	2.7	1.2	1.4	Fair
31	Fukushima	Oyama nursery	11:05	2.2	2.6	1.0	1.3	Fair
32	Fukushima	Fukushima municipal Oyama elementary school	11:33	3.0	3.3	1.7	1.9	Fair
33	Fukushima	Fukushima municipal Shinryo junior high school	11:55	2.2	2.4	0.9	0.9	Fair
34	Fukushima	Fukushima municipal Hirano junior high school	12:30	2.3	2.6	1.0	1.2	Fair
35	Fukushima	Fukushima municipal Fukushima Daini junior high school	11:30	3.2	3.5	1.3	1.4	Fair
36	Fukushima	Fukushima University attached kindergarten	8:24	2.8	3.1	1.3	1.4	Cloudy
37	Fukushima	Fukushima University attached junior high school	8:48	2.8	3.2	1.4	1.5	Cloudy
38	Fukushima	Fukushima Seikei junior high school	12:06	3.0	3.2	1.7	2.0	Fair
39	Fukushima	Fukushima municipal Gakuyou junior high school	9:11	2.3	2.5	1.2	1.3	Fair
40	Fukushima	Fukushima municipal Fukushima Daiichi junior high school	8:22	2.8	3.1	1.7	1.7	Fair
41	Fukushima	Fukushima municipal Fukushima Daisan elementary school	11:00	3.1	3.3	1.7	1.6	Fair
42	Fukushima	Fukushima municipal Fukushima Daini elementary school	9:16	2.7	3.0	1.4	1.4	Fair
43	Fukushima	Sakuranoseibogakuin kindergarten	9:42	2.4	2.9	1.8	2.1	Fair
44	Fukushima	Sakuranoseibogakuin elementary school	9:53	2.6	3.1	1.5	1.8	Fair
45	Fukushima	Fukushima University attached elementary school	10:32	2.6	3.0	1.8	2.1	Fair
46	Fukushima	Fukushima prefectural school for the blind	9:49	2.3	2.6	0.9	1.0	Fair
47	Fukushima	Watari nursery	10:30	3.0	3.5	2.0	2.0	Fair
48	Fukushima	Kodomoie soramame nursery	10:55	2.5	3.0	1.9	2.0	Fair
49	Fukushima	Fukushima municipal Watari junior high school	11:20	<u>3.9</u>	4.3	1.6	1.6	Fair
50	Fukushima	Fukushima municipal Watari kindergarten	12:15	3.3	3.7	2.2	2.1	Fair
51	Fukushima	Sakura nursery	12:40	2.7	3.0	1.2	1.7	Fair
52	Fukushima	Fukushima municipal Watari elementary school	13:05	3.2	3.6	2.0	2.3	Fair
53	Fukushima	Toryo high school	10:28	2.9	3.0	1.4	1.3	Fair
54	Fukushima	Seikei high school	12:06	3.0	3.2	1.9	2.2	Fair
55	Fukushima	Tachibana high school	11:07	2.7	3.1	1.5	1.7	Fair
56	Date	<u>Ryozen Kodomonomura Children's Center</u>	12:55	3.5	3.7	2.8	3.0	Fair

As for day nursery, kindergarten and elementary school, the numerical values was judged from the point measured away from 50cm, considering children's height.

As for junior high school, the numerical value was judged from the point measured away from 1m.

(No.) Points where were exceeded 3.8  $\mu\text{Sv/h}$ .

Underlined schools: Schools that were surveyed again this time since the air dose rate exceeded 3.8  $\mu\text{Sv/h}$  in the previous survey.

Results of dose rate measurement at schools in Fukushima Pref.

Surveyed on May 7, 2011

No.	City	Name of School	Measurement Time	Air dose rates ( $\mu\text{Sv/h}$ )				Weather
				Average value outside the building		Value at the place of concrete paving		
				1 m	50 cm	1 m	50 cm	
22	Date	Date municipal Oguni elementary school	9:29	0.9	0.8	2.2	2.4	Cloudy
29	Date	Date municipal Tominari elementary school	8:56	0.7	0.7	1.8	1.8	Cloudy
56	Date	Ryozen Kodomonomura Children's Center	10:33	3.2	3.5	2.5	2.6	Cloudy

As for day nursery, kindergarten and elementary school, the numerical values was judged from the point measured away from 50cm, considering children's height.

As for junior high school, the numerical value was judged from the point measured away from 1m.

Referance

Air dose rates around the fill in schools, etc. that use fill on the surface of the schoolyard, etc. (Surveyed on May 6)

Name of School	dose rate ( $\mu$ Sv/h)	height measurement (m)	Measurement Time
Koriyama municipal Koriyama Daini junior high school	3.89	1	10:00
	3.85	0.5	10:00
St-paul kindergarten	5.12	0.5	10:42
	6.12	0.5	10:42
Koriyama municipal Kaoru elementary school	1.82	1	10:30
	1.87	1	10:30
	2.46	1	10:30
Koriyama municipal Koriyama Daiichi junior high school	2.32	1	12:04
	3.48	1	12:04
	4.28	1	12:04
Koriyama municipal Koriyama Daisan junior high school	1.8	1	12:30
	2.52	1	12:30
	2.03	1	12:30
Date municipal Oguni elementary school	1.38	1	around 11:15
	1.23	1	around 11:15
Date municipal Tominari elementary school	1.86	1	around 12:30
	1.87	0.5	around 12:30
	2.07	0	around 12:30
	1.58	1	around 12:30
	1.43	0.5	around 12:30
	1.08	1	around 12:30
	0.94	0.5	around 12:30
	1.04	1	around 12:30
	0.93	0.5	around 12:30

# Radiation in Daily-life

※Unit :  $\mu\text{Sv}$



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

※ It is 1 in case of X ray and  $\gamma$  ray.