

Results of dose rate measurement at schools in Fukushima Pref

Surveyed on May 26, 2011

No.	City	Name of School	Investigation time	Air dose rate ($\mu\text{Sv/h}$)								Notes	Weather
				Average value outside the building		Value at the place of concrete paving		Mean value in classroom etc.*					
				1 m	5 0 cm	1 m	5 0 cm	Window side		Center			
								1 m	5 0 cm	1 m	5 0 cm		
1	Koriyama City	Koriyama municipal Koriyama Daini junior high school	10:28	0.9	1.0	0.6	0.6	0.2	0.1	0.1	0.1		Fair
2	Koriyama City	St-paul kindergarten	11:08	1.0	0.9	1.2	1.2	0.6	0.6	0.4	0.4		cloudy
3	Koriyama City	Koriyama municipal Kaoru elementary school	12:03	0.9	0.9	1.2	1.4	0.2	0.1	0.1	0.1		cloudy
4	Koriyama City	Koriyama municipal Koriyama Daiichi junior high school	13:24	0.8	0.8	1.1	1.3	0.2	0.2	0.1	0.1		cloudy
5	Koriyama City	Koriyama municipal Koriyama Daisan junior high school	14:26	0.6	0.7	1.4	1.6	0.2	0.1	0.1	0.1		cloudy
6	Motomiya City	Motomiya municipal Gohyakugawa elementary school	11:53	0.5	0.5	1.2	1.4	0.2	0.2	0.1	0.1		cloudy
7	Motomiya City	Motomiya Daiyon nursery	10:51	0.5	0.5	0.6	0.7	0.5	0.4	0.3	0.3		Fair
8	Motomiya City	Motomiya municipal Wada kindergarten	13:30	0.6	0.6	1.1	1.0	0.5	0.4	0.4	0.4		cloudy
9	Motomiya City	Motomiya municipal Wada elementary school	13:53	0.6	0.6	1.2	1.3	0.2	0.2	0.1	0.1		cloudy
10	Nihonmatsu city	Nihonmatsu municipal Ishii kindergarten	14:23	0.6	0.6	0.8	0.8	0.4	0.3	0.2	0.2		cloudy
11	Nihonmatsu city	Nihonmatsu municipal Ishii elementary school	14:55	0.7	0.7	1.3	1.5	0.4	0.2	0.1	0.1		cloudy
12	Nihonmatsu city	Nihonmatsu municipal Dakeshita elementary school	11:42	0.5	0.5	0.4	0.4	0.2	0.2	0.1	0.1		Fair
13	Nihonmatsu city	Matsugaoka nursery	13:00	0.7	0.6	0.7	0.7	0.4	0.3	0.2	0.2		Fair
14	Nihonmatsu city	Nihonmatsu municipal Sugita elementary school	11:01	0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.1		Fair
15	Nihonmatsu city	Nihonmatsu municipal Sugita kindergarten	10:35	0.6	0.5	0.4	0.4	0.2	0.2	0.1	0.1		Fair
16	Nihonmatsu city	Nihonmatsu municipal Nihonmatsu Daini junior high school	13:35	0.6	0.5	1.4	1.6	0.5	0.5	0.2	0.2		cloudy
17	Nihonmatsu city	Nihonmatsu municipal Obama junior high school	14:17	0.6	0.5	1.1	1.3	0.5	0.4	0.2	0.1		Fair
18	Fukushima city	Fukushima municipal Shimokawasaki elementary school	11:13	2.7	3.1	2.0	2.2	0.7	0.6	0.2	0.2		Fair
19	Fukushima city	Fukushima municipal Okubo elementary school	12:02	2.2	2.4	1.4	1.6	0.2	0.2	0.2	0.1		Fair
20	Fukushima city	Fukushima municipal Nankoudai elementary school	12:50	2.7	2.9	1.3	1.3	0.4	0.4	0.1	0.1		Fair
21	Fukushima city	Fukushima municipal Ohnami elementary school	15:20	3.0	3.3	2.2	2.4	0.4	0.4	0.3	0.3		cloudy
22	Date City	Date municipal Oguni elementary school	11:21	0.8	0.7	1.7	2.1	0.7	0.6	0.3	0.2		cloudy
23	Soma City	Tamano kindergarten	13:13	0.6	0.6	1.2	1.5	0.4	0.3	0.2	0.2		cloudy
24	Soma City	Tamano junior high school	13:58	0.9	0.8	2.0	2.1	0.4	0.3	0.2	0.2		cloudy
25	Soma City	Tamano elementary school	13:38	0.6	0.6	1.2	1.5	0.4	0.4	0.2	0.1		cloudy
26	Fukushima city	Fukushima municipal Okayama elementary school	11:03	2.7	2.9	1.5	1.1	0.3	0.2	0.2	0.2		Fair
27	Fukushima city	Seishin saniku nursery	11:37	1.8	1.8	1.8	1.8	0.6	0.5	0.3	0.2		Fair
28	Fukushima city	Saniku kindergarten	12:00	2.2	2.0	1.6	1.7	0.7	0.6	0.5	0.4		Fair
29	Date City	Date municipal Tominari elementary school	13:24	0.8	0.7	1.8	2.0	0.4	0.2	0.2	0.2		Fair
30	Fukushima city	Fukushima municipal Fukushima special school	15:08	2.2	2.4	0.8	0.8	0.4	0.2	0.2	0.2		Fair
31	Fukushima city	Oyama nursery	14:17	1.8	2.1	0.8	0.9	0.6	0.4	0.2	0.2		Fair
32	Fukushima city	Fukushima municipal Oyama elementary school	13:42	2.6	2.9	1.5	1.8	0.4	0.2	0.1	0.1		Fair
33	Fukushima city	Fukushima municipal Shinryo junior high school	12:03	1.8	2.0	1.4	1.4	0.3	0.2	0.2	0.1		Fair
34	Fukushima city	Fukushima municipal Hirano junior high school	11:20	1.9	2.2	0.8	0.9	0.3	0.3	0.1	0.1		Fair

No.	City	Name of School	Investigation time	Air dose rate (μ Sv / h)								Notes	Weather
				Average value outside the building		Value at the place of concrete paving		Mean value in classroom etc.*					
				1 m	50 cm	1 m	50 cm	Window side		Center			
				1 m	50 cm	1 m	50 cm	1 m	50 cm				
35	Fukushima city	Fukushima municipal Fukushima Daini junior high school	14:59	2.4	2.8	1.1	1.1	0.5	0.3	0.1	0.1		Fair
36	Fukushima city	Fukushima University attached kindergarten	14:07	0.4	0.5	0.7	0.8	0.3	0.3	0.2	0.2		Fair
37	Fukushima city	Fukushima University attached junior high school	15:50			1.0	1.2	0.6	0.4	0.1	0.1	Measurement outside the school building could not be conducted due to excavation	Fair
38	Fukushima city	Fukushima Seikei junior high school	11:13	2.6	2.7	1.1	1.1	0.2	0.1	0.1	0.1		Fair
39	Fukushima city	Fukushima municipal Gakuyou junior high school	12:20	1.9	2.1	0.9	1.1	0.2	0.1	0.1	0.1		Fair
40	Fukushima city	Fukushima municipal Fukushima Daiichi junior high school	13:21	2.1	2.3	1.0	1.2	0.5	0.4	0.1	0.1		Fair
41	Fukushima city	Fukushima municipal Fukushima Daisan elementary school	13:44	2.8	3.2	1.5	1.4	0.3	0.2	0.2	0.2		Fair
42	Fukushima city	Fukushima municipal Fukushima Daini elementary school	15:01	2.6	2.9	1.6	1.5	0.4	0.2	0.2	0.2		cloudy
43	Fukushima city	Sakuranoseibogakuin kindergarten	14:16	2.4	2.8	2.2	2.6					Measurement inside classrooms, etc. could not be conducted due to repair work	Fair
44	Fukushima city	Sakuranoseibogakuin elementary school	14:26	2.2	2.5	1.3	1.3	0.6	0.3	0.2	0.1		cloudy
45	Fukushima city	Fukushima University attached elementary school	15:28	2.5	2.8	1.5	1.7	0.4	0.2	0.1	0.1		cloudy
46	Fukushima city	Fukushima prefectural school for the blind	16:06	2.1	2.5	0.7	0.8	0.4	0.3	0.2	0.2		cloudy
47	Fukushima city	Watari nursery	11:03	2.4	2.8	1.9	1.9	1.0	0.8	0.6	0.5		Fair
48	Fukushima city	Kodomonoie soramame nursery	11:28	0.9	0.8	1.1	1.1	0.9	0.8	0.7	0.6	Measurement was conducted in two classrooms only.	Fair
49	Fukushima city	Fukushima municipal Watari junior high school	13:39	3.0	3.2	0.9	0.8	0.5	0.2	0.2	0.2	Measured. only one classroom	Fair
50	Fukushima city	Fukushima municipal Watari kindergarten	15:17	2.8	3.2	1.9	1.8					Measurement inside classroom could not be conducted due to all the doors opened.	Fair
51	Fukushima city	Sakura nursery	12:02	2.1	2.3	1.1	1.2	0.2	0.2	0.1	0.1		Fair
52	Fukushima city	Fukushima municipal Watari elementary school	16:45	2.8	3.0	1.7	2.1	0.3	0.2	0.2	0.1		cloudy
53	Fukushima city	Toryo high school	12:12	2.5	2.8	1.3	1.4	0.3	0.2	0.2	0.1		Fair
54	Fukushima city	Seikei high school	11:46	2.6	2.7	1.5	1.5	0.2	0.1	0.1	0.1		Fair
55	Fukushima city	Tachibana hgh school	11:03	2.6	2.9	1.6	1.7	0.5	0.4	0.2	0.1		Fair
56	Date City	Ryozen Kodomonomura Children's Center	12:25	3.2	3.4	2.9	3.0	0.7	0.6	0.5	0.5	Measured. only one classroom	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.

* : Mean value in classroom : Average of 3 measurements of any classroom

Comparison of measurement values at classrooms with windows open and at the adjacent classrooms with windows closed

Surveyed on May 26, 2011

No.	City	Name of School	Air dose rate (μ S v / h)				Closed window/ Open window 1 m	Closed window/ Open window 5 0 c m
			Average value inside the school building					
			Window side		Classroom center			
			1 m	5 0 c m	1 m	5 0 c m		
6	Motomiya City	Motomiya municipal Gohyakugawa elementary school	0.2	0.2	0.2	0.1	0.7	1.3
6	Motomiya City	Motomiya municipal Gohyakugawa elementary school(Open window)	0.5	0.1	0.1	0.1		
21	Fukushima city	Fukushima municipal Ohnami elementary school	0.6	0.2	0.2	0.1	1.7	1.0
21	Fukushima city	Fukushima municipal Ohnami elementary school(Open window)	0.3	0.2	0.1	0.1		
35	Fukushima city	Fukushima municipal Fukushima Daini junior high school	0.6	0.5	0.2	0.1	1.0	2.5
35	Fukushima city	Fukushima municipal Fukushima Daini junior high school (Open window)	0.7	0.1	0.1	0.1		
37	Fukushima city	Fukushima University attached junior high school	0.4	0.2	0.1	0.1	0.7	1.0
37	Fukushima city	Fukushima University attached junior high school(Open window)	0.6	0.1	0.1	0.1		
46	Fukushima city	Fukushima prefectural school for the blind	0.5	0.4	0.3	0.2	1.6	1.4
46	Fukushima city	Fukushima prefectural school for the blind(Open window)	0.2	0.2	0.2	0.2		
49	Fukushima city	Fukushima municipal Watari junior high school	0.5	0.2	0.2	0.2	1.1	1.1
49	Fukushima city	Fukushima municipal Watari junior high school(Open window)	0.5	0.2	0.2	0.1		
52	Fukushima city	Fukushima municipal Watari elementary school	0.3	0.2	0.2	0.2	1.0	0.9
52	Fukushima city	Fukushima municipal Watari elementary school(Open window)	0.3	0.2	0.3	0.2		
55	Fukushima city	Tachibana high school	0.4	0.2	0.1	0.1	0.9	1.5
55	Fukushima city	Tachibana high school(Open window)	0.5	0.1	0.1	0.1		
		Average					1.1	1.3

Note) The data was measured with windows open for at least one hour.

Radiation in Daily-life

※Unit : μSv



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

※ It is 1 in case of X ray and γ ray.