

Readings of Environmental Radiation Level of dust and soil by monitoring in schools in Fukushima Prefecture
 Sampling Date: 2011 April 5th ~ 6th

(Dust)

	Area	Sampling Point	Sampling Date	Air dose rate(μ Sv/h)		B/A (-)	Radioactivity Concentration(Bq/m ³)				Notes	
				1m from Ground(A)	Ground Level(B)		I-131	Cs		total I + Cs		
				(μ Sv/h)	(μ Sv/h)			Cs-134	Cs-137			total
1	Kenpoku 1	Fukushima municipal Daiichi elementary school	2011/4/6	3.4	4.3	1.26	1.044	1.830	2.192	4.022	5.066	
2	Kenpoku2	Fukushima municipal Ohkubo elementary school	2011/4/6	3.6	4.5	1.25	N.D.	N.D.	N.D.	N.D.	N.D.	
3	Kenpoku3	Nihonmatsu municipal Dakeshita elementary school	2011/4/6	3.1	5.0	1.61	2.941	N.D.	N.D.	N.D.	2.941	
4	Kenpoku 4	Date municipal Hobara elementary school	2011/4/6	2.9	3.3	1.14	N.D.	N.D.	N.D.	N.D.	N.D.	
5	Kenpoku 5	Kawamata town Yamakiya elementary school	2011/4/5	6.1	7.9	1.30	N.D.	N.D.	N.D.	N.D.	N.D.	ground level: humid
6	Kenchu 1	Koriyama municipal Kintoo elementary school	2011/4/6	2.6	2.7	1.04	1.977	N.D.	N.D.	N.D.	1.977	
7	Kenchu2	Koriyama municipal Atami elementary school	2011/4/6	0.90	1.2	1.33	N.D.	N.D.	N.D.	N.D.	N.D.	
8	Kenchu3	Sukagawa municipal Daini elementary school	2011/4/6	0.54	0.68	1.26	N.D.	N.D.	N.D.	N.D.	N.D.	
9	Kenchu 4	Tamura municipal Funehiki elementary school	2011/4/6	0.54	0.65	1.20	1.394	N.D.	N.D.	N.D.	1.394	
10	Kenchu 5	Hirata village Yomogita elementary school	2011/4/6	0.39	0.49	1.26	N.D.	N.D.	N.D.	N.D.	N.D.	
11	Kenan 1	Shirakawa municipal Shirakawa Daiichi elementary school	2011/4/6	1.2	1.6	1.33	N.D.	N.D.	N.D.	N.D.	N.D.	
12	Aizu1	Aizu Wakamatsu municipal Kakuju elementary school	2011/4/6	0.30	0.38	1.27	N.D.	N.D.	N.D.	N.D.	N.D.	
13	Aizu2	Kitakata municipal Daiichi elementary school	2011/4/6	0.27	0.31	1.15	N.D.	N.D.	N.D.	N.D.	N.D.	
14	Minamiaizu1	Minamiaizu town Tajima elementary school	2011/4/6	0.082	0.10	1.22	N.D.	N.D.	N.D.	N.D.	N.D.	ground level: humid
15	Souso 1	Minamisouma municipal Haramachi Daiichi elementary school	2011/4/5	1.2	1.6	1.33	8.796	1.056	N.D.	1.056	9.852	
16	Souso2	Soma municipal Nakamura Daiichi elementary school	2011/4/5	0.69	1.3	1.88	N.D.	N.D.	N.D.	N.D.	N.D.	
17	Souso3	Nome town Tsushima elementary school	2011/4/5	21	30	1.43	2.610	4.597	5.446	10.043	12.653	
18	Iwaki1	Iwaki municipal Taira Daiichi elementary school	2011/4/5	1.2	1.4	1.17	4.041	N.D.	N.D.	N.D.	4.041	
19	Iwaki2	Iwaki municipal Nakoso Daiichi elementary school	2011/4/5	0.84	1.2	1.43	4.713	N.D.	N.D.	N.D.	4.713	
20	Iwaki3	Iwaki municipal Shikura elementary school	2011/4/5	1.4	1.7	1.21	4.664	N.D.	N.D.	N.D.	4.664	
Average				2.6	3.5	1.30	1.609	0.374	0.382	0.756	2.365	

(Soil)

	Area	Sampling Point	Sampling Date	Air dose rate(μ Sv/h)		B/A (-)	Radioactivity Concentration(Bq/m ³)				Notes	
				1m from Ground(A)	Ground Level(B)		I-131	Cs		total I + Cs		
				(μ Sv/h)	(μ Sv/h)			Cs-134	Cs-137			total
1	Kenpoku 1	Fukushima municipal Daiichi elementary school	2011/4/6	3.4	4.3	1.26	8,193	2,952	3,598	6,550	14,743	
2	Kenpoku2	Fukushima municipal Ohkubo elementary school	2011/4/6	3.6	4.5	1.25	5,945	3,523	4,104	7,627	13,572	
3	Kenpoku3	Nihonmatsu municipal Dakeshita elementary school	2011/4/6	3.1	5.0	1.61	6,216	5,300	6,726	12,026	18,242	
4	Kenpoku 4	Date municipal Hobara elementary school	2011/4/6	2.9	3.3	1.14	5,653	3,894	4,392	8,286	13,939	
5	Kenpoku 5	Kawamata town Yamakiya elementary school	2011/4/5	6.1	7.9	1.30	29,944	12,994	16,121	29,115	59,059	
6	Kenchu 1	Koriyama municipal Kintoo elementary school	2011/4/6	2.6	2.7	1.04	3,096	2,648	3,106	5,754	8,850	
7	Kenchu2	Koriyama municipal Atami elementary school	2011/4/6	0.90	1.2	1.33	1,700	1,202	1,486	2,688	4,388	
8	Kenchu3	Sukagawa municipal Daini elementary school	2011/4/6	0.54	0.68	1.26	1,236	2,287	2,746	5,033	6,269	
9	Kenchu 4	Tamura municipal Funehiki elementary school	2011/4/6	0.54	0.65	1.20	1,573	777	898	1,675	3,248	
10	Kenchu 5	Hirata village Yomogita elementary school	2011/4/6	0.39	0.49	1.26	597	741	947	1,688	2,285	
11	Kenan 1	Shirakawa municipal Shirakawa Daiichi elementary school	2011/4/6	1.2	1.6	1.33	717	358	401	759	1,476	
12	Aizu1	Aizu Wakamatsu municipal Kakuju elementary school	2011/4/6	0.30	0.38	1.27	497	445	535	980	1,477	
13	Aizu2	Kitakata municipal Daiichi elementary school	2011/4/6	0.27	0.31	1.15	259	264	351	615	874	
14	Minamiaizu1	Minamiaizu town Tajima elementary school	2011/4/6	0.082	0.10	1.22	N.D.	N.D.	N.D.	N.D.	N.D.	
15	Souso 1	Minamisouma municipal Haramachi Daiichi elementary school	2011/4/5	1.2	1.6	1.33	2,822	2,054	2,261	4,315	7,137	
16	Souso2	Soma municipal Nakamura Daiichi elementary school	2011/4/5	0.69	1.3	1.88	1,588	1,274	1,259	2,533	4,121	
17	Souso3	Nome town Tsushima elementary school	2011/4/5	21	30	1.43	20,391	8,505	10,040	18,545	38,936	
18	Iwaki1	Iwaki municipal Taira Daiichi elementary school	2011/4/5	1.2	1.4	1.17	4,850	451	462	913	5,763	
19	Iwaki2	Iwaki municipal Nakoso Daiichi elementary school	2011/4/5	0.84	1.2	1.43	1,255	272	287	559	1,814	
20	Iwaki3	Iwaki municipal Shikura elementary school	2011/4/5	1.4	1.7	1.21	6,183	637	770	1,407	7,590	
Average				2.6	3.5	1.30	5,136	2,529	3,025	5,553	10,689	

Air dose rates are written to two significant figures.

Radiation in Daily-life

※Unit : μSv



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

※ It is 1 in case of X ray and γ ray.