

Readings of Environmental Radiation Monitoring Survey in Fukushima Prefecture
(Schools, etc.) (Preliminary Report)

June 12, 2011

Local Nuclear Emergency Response Headquarters (Radiation Team)
Disaster Provision Main Office of Fukushima Pref. (Nuclear Power Team)

1. Dates

June 1(Wed) to June 10(Fri), 2011

2. Surveyed facilities

Number of facilities to be surveyed	Number of facilities covered in this report (surveyed on June 10)
1,752	47

3. Results (preliminary report)

As a result of the monitoring survey, no school, etc. indicated an average radiation dose value exceeding the government's provisional standard value (3.8 $\mu\text{Sv/h}$).

In addition, 1 schools, etc. indicated values equal to or higher than the value, which make them subject to the financial assistance under the framework of the disaster reconstruction project (1 $\mu\text{Sv/h}$).

Highest value (school, etc.) (surveyed on June 10)	Lowest value (school, etc.) (surveyed on June 10)
2.1 (Motomiya High School) [Motomiya City]	0.08 (Arakai Elementary School, Arakai Junior High School) [Minamiaizu Town]

*Results up to June 10 (preliminary report)

	Surveyed on June 1 ~ 7	Surveyed on June 8	Surveyed on June 9	Surveyed on June 10	Total
Number of schools, etc. with values exceeding 3.8 $\mu\text{Sv/h}$	0	0	0	0	0
Number of schools, etc. with values between 1.0 and 3.8 $\mu\text{Sv/h}$	332	25	14	1	372
Number of schools, etc. with values less than 1.0 $\mu\text{Sv/h}$	1,131	115	65	46	1,357
Total	1,463	140	79	47	1,729

Misdescription

	Incorrect	Corrected
preliminary report	4 4	4 7
Lowest value	0 . 2 1	0 . 0 8
(Ariga Nursery (Sugakawa City) ,Furudono Nursery (Furudono Town))		
→ (Arakai Elementary School, Arakai Junior High School (Minami Aizu))		
Number of schools, etc. with values less than 1.0 μ Sv/h	4 3	4 6
	(Total 1 , 3 5 4)	(Total 1 , 3 5 7)
Total	4 4	4 7
	(Total 1 , 7 2 6)	(Total 1 , 7 2 9)

Results of Environmental Radiation Monitoring Survey in Fukushima Prefecture (Schools, etc.) (Preliminary Values surveyed on June 10)

June 12, 2011
 Local Nuclear Emergency Response Headquarters (Radiation Team)
 Disaster Provision Main Office of Fukushima Pref. (Nuclear Power Team)

Municipality	Category	Name of schools, etc.	Height	Dose rate (μSv/h)						Remarks
				Average value of five locations (four corners and center)					Average value	
				Center						
Fukushima city	Kindergarten	Fukushima municipal Fukushima higashi Kindergarten	50cm	0.47	0.59	0.52	0.56	0.63	0.55	
			1m	0.50	/	/	/	/	0.50	
Fukushima city	Elementary school	Fukushima municipal Okubo Elementary school	50cm	0.36	0.37	0.34	0.37	0.39	0.37	
			1m	0.40	/	/	/	/	0.40	
Fukushima city	Elementary school	Fukushima municipal Fukushima 2nd Elementary school	50cm	0.33	0.71	0.45	0.31	0.44	0.45	
			1m	0.40	/	/	/	/	0.40	
Fukushima city	Elementary school	Fukushima municipal Fukushima 3rd Elementary school	50cm	0.29	0.42	0.48	0.57	0.41	0.43	playground
			1m	0.32	/	/	/	/	0.32	playground
			50cm	0.32	0.45	0.48	0.42	0.38	0.41	Inner yard
			1m	0.31	/	/	/	/	0.31	Inner yard
			50cm	0.32	0.53	0.40	0.31	0.53	0.42	Inner yard
			1m	0.33	/	/	/	/	0.33	Inner yard
Motomiya city	nursery	Shirasawa nursery	50cm	0.30	0.45	0.39	0.46	0.47	0.41	
			1m	0.33	/	/	/	/	0.33	
Motomiya city	nursery	Motomiya 1st nursery	50cm	0.46	0.66	0.57	0.59	0.52	0.56	
			1m	0.49	/	/	/	/	0.49	
Motomiya city	nursery	Motomiya 2nd nursery	50cm	0.39	0.66	0.82	0.64	0.43	0.59	
			1m	0.45	/	/	/	/	0.45	
Motomiya city	nursery	Jikyukai Tani hospital Tanpopo nursery	50cm	0.48	0.55	0.59	0.65	0.62	0.58	
			1m	0.50	/	/	/	/	0.50	
Motomiya city	nursery	Donguri nursery	50cm	0.34	0.55	0.38	0.45	0.61	0.47	
			1m	0.37	/	/	/	/	0.37	
Motomiya city	nursery	Motomiya 3rd nursery	50cm	0.54	0.54	0.58	0.63	0.41	0.54	
			1m	0.52	/	/	/	/	0.52	
Motomiya city	nursery	Motomiya yojinoie nursery	50cm	0.62	0.56	0.56	0.60	0.81	0.63	
			1m	0.64	/	/	/	/	0.64	
Motomiya city	nursery	Motomiya 4th nursery	50cm	0.48	0.50	0.53	0.42	0.42	0.47	
			1m	0.46	/	/	/	/	0.46	
Motomiya city	nursery	Komei nursery	50cm	0.37	0.51	0.43	0.39	0.44	0.43	measured of 1st playyard
			1m	0.41	/	/	/	/	0.41	
			50cm	0.45	0.57	0.41	0.29	0.48	0.44	measured of 2nd playyard
			1m	0.48	/	/	/	/	0.48	
Motomiya city	Kindergarten	Motomiya municipal Shiraiwa Kindergarten	50cm	0.52	0.88	0.76	0.68	0.77	0.72	
			1m	0.50	/	/	/	/	0.50	
Motomiya city	Kindergarten	Motomiya municipal Nukazawa Kindergarten	50cm	0.42	0.47	0.32	0.43	0.52	0.43	
			1m	0.40	/	/	/	/	0.40	
Motomiya city	Kindergarten	Motomiya municipal Wada Kindergarten	50cm	0.52	0.48	0.51	0.42	0.49	0.48	
			1m	0.47	/	/	/	/	0.47	
Motomiya city	Kindergarten	Motomiya Kindergarten	50cm	0.75	0.61	0.40	0.92	1.1	0.76	
			1m	0.73	/	/	/	/	0.73	
Motomiya city	Kindergarten	Motomiya municipal Gohyakukawa Kindergarten	50cm	0.57	0.58	0.40	0.43	0.33	0.46	measured 1st playyard
			1m	0.52	/	/	/	/	0.52	
			50cm	0.58	0.42	0.47	0.58	0.48	0.51	measured 2nd playground
			1m	0.59	/	/	/	/	0.59	
Motomiya city	Kindergarten	Motomiya municipal Iwane Kindergarten	50cm	0.28	0.29	0.34	0.35	0.27	0.31	
			1m	0.30	/	/	/	/	0.30	
Motomiya city	Elementary school	Motomiya municipal Shiraiwa Elementary school	50cm	0.65	0.64	0.68	0.70	0.53	0.64	
			1m	0.61	/	/	/	/	0.61	
Motomiya city	Elementary school	Motomiya municipal Nukazawa Elementary school	50cm	0.35	0.34	0.38	0.41	0.33	0.36	
			1m	0.34	/	/	/	/	0.34	
Motomiya city	Elementary school	Motomiya municipal Wada Elementary school	50cm	0.38	0.50	0.60	0.37	0.50	0.47	
			1m	0.35	/	/	/	/	0.35	

Municipality	Category	Name of schools, etc.	Height	Dose rate ($\mu\text{Sv/h}$)						Remarks
				Average value of five locations (four corners and center)					Average value	
				Center						
Motomiya city	Elementary school	Motomiya municipal Motomiya Elementary school	50cm	0.57	0.47	0.45	0.63	0.47	0.52	measured 2nd playground
			1m	0.47	/	/	/	/	0.47	
			50cm	0.33	0.60	0.83	0.76	0.81	0.67	measured 3rd playground
			1m	0.34	/	/	/	/	0.34	
Motomiya city	Elementary school	Motomiya municipal Motomiya Mayumi Elementary school	50cm	1.1	0.58	0.42	0.47	0.65	0.64	
			1m	0.99	/	/	/	/	0.99	
Motomiya city	Elementary school	Motomiya municipal Gohyakukawa Elementary school	50cm	0.38	0.55	0.47	0.41	0.43	0.45	
			1m	0.40	/	/	/	/	0.40	
Motomiya city	Elementary school	Motomiya municipal Iwane Elementary school	50cm	0.35	0.32	0.34	0.30	0.51	0.36	
			1m	0.34	/	/	/	/	0.34	
Motomiya city	junior high school	Motomiya municipal Shirasawa junior high school	1m	0.39	0.50	0.59	0.48	1.4	0.67	
Motomiya city	junior high school	Motomiya municipal Motomiya 1st junior high school	1m	1.4	0.46	0.86	0.88	1.0	0.92	
Motomiya city	junior high school	Motomiya municipal Motomiya 2nd junior high school	1m	0.32	0.43	0.37	0.48	0.33	0.39	measured playground of Arai community center (makeshift schoolbuilding) Playground(makeshift schoolbuilding under construction)
			1m	0.48	0.51	0.55	0.48	0.46	0.50	
Motomiya city	high school	Motomiya high school	1m	2.0	2.0	2.2	2.4	2.0	2.1	
Sukagawa city	nursery	Utsumine nursery	50cm	0.34	0.36	0.29	0.30	0.34	0.33	
			1m	0.33	/	/	/	/	0.33	
Sukagawa city	nursery	3rd nursery	50cm	0.31	0.34	0.32	0.30	0.32	0.32	
			1m	0.29	/	/	/	/	0.29	
Sukagawa city	nursery	Ariga nursery	50cm	0.21	/	/	/	/	0.21	No playyard.measured entrance
			1m	0.21	/	/	/	/	0.21	
Sukagawa city	nursery	Kids Imagine nursery	50cm	0.25	/	/	/	/	0.25	No playyard.measured entrance
			1m	0.25	/	/	/	/	0.25	
Sukagawa city	nursery	National Hospital Organization Fukushima hospital Tanpopo nursery	50cm	0.36	0.36	0.38	0.35	0.38	0.37	
			1m	0.34	/	/	/	/	0.34	
Sukagawa city	Elementary school	Sukagawa municipal Abukuma Elementary school	50cm	0.39	0.45	0.42	0.33	0.41	0.40	
			1m	0.37	/	/	/	/	0.37	
Sukagawa city	high school	Sukagawa high school	1m	0.32	0.24	0.32	0.34	0.28	0.30	
Sukagawa city	special-needs school	Fukushima prefectural Sukagawa special school	50cm	/	0.37	0.40	0.31	0.27	0.34	cannot measuring because of under construnition.
			1m	/	0.34	0.31	0.30	0.26	0.30	
Sukagawa city	special training school	Iwase public hospital nurse's school	1m	0.27	/	/	/	/	0.27	No playground.measured entrance
Furudono town	nursery	Furudono nursery	50cm	0.23	0.18	0.24	0.20	0.22	0.21	
			1m	0.21	/	/	/	/	0.21	
Furudono town	Kindergarten	Furudono municipal Furudono Kindergarten	50cm	0.24	0.24	0.24	0.23	0.23	0.24	
			1m	0.22	/	/	/	/	0.22	
Furudono town	Elementary school	Furudono municipal Ronden Elementary school	50cm	0.29	0.28	0.32	0.28	0.28	0.29	
			1m	0.26	/	/	/	/	0.26	
Furudono town	Elementary school	Furudono municipal Furudono Elementary school	50cm	0.24	0.31	0.24	0.27	0.22	0.26	
			1m	0.23	/	/	/	/	0.23	
Furudono town	junior high school	Furudono municipal Furudono junior high school	1m	0.24	0.26	0.29	0.24	0.25	0.26	
Tadami town	nursery	Meiwa nursery	50cm	0.21	0.15	0.16	0.16	0.18	0.17	
			1m	0.19	/	/	/	/	0.19	
Minamiaizu town	Elementary school	Minamiaizu municipal Arakai Elementary school	50cm	0.07	0.07	0.09	0.09	0.08	0.08	
Minamiaizu town	junior high school	Minamiaizu municipal Arakai junior high school	1m	0.07	0.09	0.07	0.08	0.07	0.08	

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.