



# Radiation Measurement Results of 103 Items in July



When samples include natural radionuclides we can't deny the possibility of their radiation value counted together in our results.

The list below only shows the measurement results of the samples brought in.

Radioactive contamination level may differ according to sampling points even within the same address.

## ★Gamma-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Polished rice	Hokkaido	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.5 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.4 Bq/Kg raw
Polished rice	Kawabe, Iwaki	2015	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	0.9 Bq/Kg raw
Nameko mushrooms	Fukushima	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.8 Bq/Kg raw
Nameko mushrooms	Kooriyama	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.5 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.4 Bq/Kg raw
Bamboo shoots (raw)	Yamada, Iwaki	May-16	Cs137	27.3 Bq/Kg raw	±	5.5 Bq/Kg raw	32.8	Cs137	1.6 Bq/Kg raw
			Cs134	5.5 Bq/Kg raw	±	1.5 Bq/Kg raw		Cs134	1.5 Bq/Kg raw
Potato skin	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.2 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.3 Bq/Kg raw
Potato (without skin)	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.4 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.3 Bq/Kg raw
Potato (without skin)	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.4 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.3 Bq/Kg raw
Potato (without skin)	Kawabe, Iwaki	Jun-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	0.9 Bq/Kg raw
Potato (without skin)	Akai, Taira, Iwaki	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.6 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.4 Bq/Kg raw
Potato (with skin)	Kouya, Uchigo, Iwaki	Jul-16	Cs137	6.7 Bq/Kg raw	±	1.6 Bq/Kg raw	6.7	Cs137	1.3 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.2 Bq/Kg raw
Bean sprout	Motomiya	Jun-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.4 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.3 Bq/Kg raw
Eggplant	Tochigi	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.8 Bq/Kg raw
Eggplant	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.2 Bq/Kg raw
Eggplant	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.1 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Eggplant	Iwaki	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Green beans	Iwaki	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Onion	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.6 Bq/Kg raw
Onion	Motomiya	Jul-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.5 Bq/Kg raw
Onion	Kawabe, Iwaki	Jun-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	0.9 Bq/Kg raw

※"\_" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/Kg.



★Gamma-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection		
Cucumber	Oohara, Onahama, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.7	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.5	Bq/Kg raw
Pumpkin	Yamada, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.2	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.1	Bq/Kg raw
Spaghetti squash	Yamada, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.2	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.1	Bq/Kg raw
Unripe Japanese apricot	Yamada, Iwaki	Jun-16	Cs137	4.7 Bq/Kg raw	± 1.3 Bq/Kg raw	4.7	Cs137	1.4	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.4	Bq/Kg raw
Peach (peel and seed)	Fukushima	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.0	Bq/Kg raw
Peach (peel and seed)	Fukushima	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.0	Bq/Kg raw
Peach (pulp)	Fukushima	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.1	Bq/Kg raw
Peach (pulp)	Fukushima	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.1	Bq/Kg raw
Peach (pulp)	Date	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.2	Bq/Kg raw
Plum	Date	Jul-16	Cs137	2.6 Bq/Kg raw	± 0.9 Bq/Kg raw	2.6	Cs137	1.2	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.2	Bq/Kg raw
Honey	Yoshima, Iwaki	Mar-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	6.1	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	5.5	Bq/Kg raw
Raw kelp	Iwate	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.0	Bq/Kg raw
Noodle sauce	unknown	unknown	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.1	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.0	Bq/Kg raw
Soft drink (barley tea)	unknown	unknown	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.2	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.1	Bq/Kg raw
Mixed juice	unknown	unknown	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.4	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.2	Bq/Kg raw
Milk	Yamagata	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.3	Bq/Kg raw
School lunch	Takasaka, Uchigo, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.4	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.3	Bq/Kg raw
School lunch	Takasaka, Uchigo, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.9	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	0.8	Bq/Kg raw
School lunch	Matugadai, Jyoban, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.4	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.3	Bq/Kg raw
Sea water	Ooarai, Ibaraki, Ibaraki	Jun-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.06	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	0.05	Bq/Kg raw
Hydrangea (flower, leaf, stalk)	Oohara, Onahama, Iwaki	Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.0	Bq/Kg raw
Weed	Niseko, Abuta, Hokkaidou	Jun-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0	Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			Cs134	1.0	Bq/Kg raw
Farm soil	Motomiya	Jul-16	Cs137	97.4 Bq/Kg raw	± 10.1 Bq/Kg raw	108	Cs137	1.0	Bq/Kg raw	
			Cs134	10.7 Bq/Kg raw	± 2.4 Bq/Kg raw			Cs134	1.0	Bq/Kg raw

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But it does not necessary mean 0(zero)Bq/Kg.



★Gamma-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection			
River bottom mud (0~5cm deep)	Onahama, Iwaki (Fujiwara River)	May-16	Cs137	812	Bq/Kg raw	± 162	1,020	Cs137	14.9	Bq/Kg raw	
			Cs134	208	Bq/Kg raw	± 42		Bq/Kg raw	Cs134	14.0	Bq/Kg raw
River bottom mud (5~10cm deep)		May-16	Cs137	911	Bq/Kg raw	± 182	1,140	Cs137	15.8	Bq/Kg raw	
			Cs134	229	Bq/Kg raw	± 46		Bq/Kg raw	Cs134	14.9	Bq/Kg raw
River bottom mud (10~15cm deep)		May-16	Cs137	1020	Bq/Kg raw	± 200	1,284	Cs137	20.4	Bq/Kg raw	
			Cs134	264	Bq/Kg raw	± 53		Bq/Kg raw	Cs134	19.3	Bq/Kg raw
Sea sand (surface)	Itanki Beach, Muranan, Hokkaidou	May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.5	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.5	Bq/Kg raw
Sea sand (15cm deep)		May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.7	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.6	Bq/Kg raw
Sea sand (30cm deep)		May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.6	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.5	Bq/Kg raw
Sea sand (50cm deep)		May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.6	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.5	Bq/Kg raw
Sea sand (surface)		Horikabu Coast① Iwanai, Hokkaidou	May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.7	Bq/Kg raw
				Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.6
Sea sand (15cm deep)			May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.8	Bq/Kg raw
				Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.7
Sea sand (30cm deep)	May-16		Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.7	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.7	Bq/Kg raw
Sea sand (50cm deep)	May-16		Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.7	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.6	Bq/Kg raw
Sea sand (surface)	Horikabu Coast② Iwanai, Hokkaidou		May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.6	Bq/Kg raw
				Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.5
Sea sand (15cm deep)			May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.6	Bq/Kg raw
				Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.6
Sea sand (30cm deep)		May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.7	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.6	Bq/Kg raw
Sea sand (50cm deep)		May-16	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.6	Bq/Kg raw	
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.6	Bq/Kg raw
Sea sand (surface)		Nakoso Coast (Estuary①), Iwaki	Jul-16	Cs137	20.8	Bq/Kg raw	± 4.5	32.2	Cs137	1.5	Bq/Kg raw
				Cs134	11.4	Bq/Kg raw	± 2.7		Bq/Kg raw	Cs134	1.4
Sea sand (surface)			Jul-16	Cs137	27.6	Bq/Kg raw	± 5.9	38.7	Cs137	2.0	Bq/Kg raw
				Cs134	11.1	Bq/Kg raw	± 2.7		Bq/Kg raw	Cs134	1.8
Sea sand (surface)	Nakoso Coast① Iwaki		Jul-16	Cs137	23.8	Bq/Kg raw	± 5.1	35.3	Cs137	1.5	Bq/Kg raw
				Cs134	11.5	Bq/Kg raw	± 2.7		Bq/Kg raw	Cs134	1.4
Sea sand (15cm deep)		Jul-16	Cs137	17.3	Bq/Kg raw	± 3.5	24.7	Cs137	1.0	Bq/Kg raw	
			Cs134	7.4	Bq/Kg raw	± 1.7		Bq/Kg raw	Cs134	0.9	Bq/Kg raw
Sea sand (30cm deep)		Jul-16	Cs137	15.1	Bq/Kg raw	± 3.5	25.8	Cs137	1.7	Bq/Kg raw	
			Cs134	10.7	Bq/Kg raw	± 2.6		Bq/Kg raw	Cs134	1.5	Bq/Kg raw
Sea sand (50cm deep)		Jul-16	Cs137	18.4	Bq/Kg raw	± 4.1	27.9	Cs137	1.7	Bq/Kg raw	
			Cs134	9.5	Bq/Kg raw	± 2.4		Bq/Kg raw	Cs134	1.6	Bq/Kg raw
Sea sand (surface)		Nakoso Coast② Iwaki	Jul-16	Cs137	70.7	Bq/Kg raw	± 14.1	90.3	Cs137	2.2	Bq/Kg raw
				Cs134	19.6	Bq/Kg raw	± 4.5		Bq/Kg raw	Cs134	2.0
Sea sand (15cm deep)			Jul-16	Cs137	64.2	Bq/Kg raw	± 12.8	85.2	Cs137	1.4	Bq/Kg raw
				Cs134	21.0	Bq/Kg raw	± 4.4		Bq/Kg raw	Cs134	1.3
Sea sand (30cm deep)	Jul-16		Cs137	15.2	Bq/Kg raw	± 3.0	22.9	Cs137	0.8	Bq/Kg raw	
			Cs134	7.7	Bq/Kg raw	± 1.7		Bq/Kg raw	Cs134	0.7	Bq/Kg raw

※"\_" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/Kg.

★Gamma-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Sea sand (surface)	Nakoso Coast③ Iwaki	Jul-16	Cs137	22.1 Bq/Kg raw	± 4.4 Bq/Kg raw	32.5	Cs137	1.0 Bq/Kg raw	
			Cs134	10.4 Bq/Kg raw	± 2.2 Bq/Kg raw		Cs134	0.9 Bq/Kg raw	
Sea sand (15cm deep)		Jul-16	Cs137	22.6 Bq/Kg raw	± 4.0 Bq/Kg raw	32.0	Cs137	1.4 Bq/Kg raw	
			Cs134	9.4 Bq/Kg raw	± 2.3 Bq/Kg raw		Cs134	1.3 Bq/Kg raw	
Sea sand (30cm deep)		Jul-16	Cs137	19.5 Bq/Kg raw	± 4.2 Bq/Kg raw	26.9	Cs137	1.4 Bq/Kg raw	
			Cs134	7.4 Bq/Kg raw	± 1.9 Bq/Kg raw		Cs134	1.3 Bq/Kg raw	
Sea sand (surface)	Nakoso Coast④ Iwaki	Jul-16	Cs137	21.7 Bq/Kg raw	± 4.5 Bq/Kg raw	32.3	Cs137	1.2 Bq/Kg raw	
			Cs134	10.6 Bq/Kg raw	± 2.4 Bq/Kg raw		Cs134	1.1 Bq/Kg raw	
Sea sand (15cm deep)		Jul-16	Cs137	19.7 Bq/Kg raw	± 4.2 Bq/Kg raw	27.5	Cs137	1.4 Bq/Kg raw	
			Cs134	7.8 Bq/Kg raw	± 2.0 Bq/Kg raw		Cs134	1.3 Bq/Kg raw	
Sea sand (30cm deep)		Jul-16	Cs137	26.2 Bq/Kg raw	± 5.5 Bq/Kg raw	39.1	Cs137	1.7 Bq/Kg raw	
			Cs134	12.9 Bq/Kg raw	± 3.0 Bq/Kg raw		Cs134	1.6 Bq/Kg raw	
Sea sand (50cm deep)		Jul-16	Cs137	29.1 Bq/Kg raw	± 6.0 Bq/Kg raw	41.2	Cs137	1.5 Bq/Kg raw	
			Cs134	12.1 Bq/Kg raw	± 2.8 Bq/Kg raw		Cs134	1.3 Bq/Kg raw	
Sea sand (surface)		Nakoso Coast⑤ Iwaki	Jul-16	Cs137	25.9 Bq/Kg raw	± 5.4 Bq/Kg raw	33.4	Cs137	1.5 Bq/Kg raw
				Cs134	7.5 Bq/Kg raw	± 2.0 Bq/Kg raw		Cs134	1.4 Bq/Kg raw
Sea sand (15cm deep)			Jul-16	Cs137	23.9 Bq/Kg raw	± 4.8 Bq/Kg raw	36.1	Cs137	0.9 Bq/Kg raw
				Cs134	12.2 Bq/Kg raw	± 2.4 Bq/Kg raw		Cs134	0.8 Bq/Kg raw
Sea sand (30cm deep)	Jul-16		Cs137	32.1 Bq/Kg raw	± 6.4 Bq/Kg raw	41.1	Cs137	1.5 Bq/Kg raw	
			Cs134	9.0 Bq/Kg raw	± 2.2 Bq/Kg raw		Cs134	1.4 Bq/Kg raw	
Sea sand (50cm deep)	Jul-16		Cs137	46.1 Bq/Kg raw	± 9.2 Bq/Kg raw	65.5	Cs137	1.3 Bq/Kg raw	
			Cs134	19.4 Bq/Kg raw	± 4.0 Bq/Kg raw		Cs134	1.2 Bq/Kg raw	
Sea sand (surface)	Nakoso Coast⑥ Iwaki		Jul-16	Cs137	26.5 Bq/Kg raw	± 5.5 Bq/Kg raw	40.6	Cs137	1.6 Bq/Kg raw
				Cs134	14.1 Bq/Kg raw	± 3.2 Bq/Kg raw		Cs134	1.5 Bq/Kg raw
Sea sand (15cm deep)			Jul-16	Cs137	60.3 Bq/Kg raw	± 12.1 Bq/Kg raw	79.6	Cs137	1.4 Bq/Kg raw
				Cs134	19.3 Bq/Kg raw	± 4.1 Bq/Kg raw		Cs134	1.3 Bq/Kg raw
Sea sand (30cm deep)		Jul-16	Cs137	2.9 Bq/Kg raw	± 0.9 Bq/Kg raw	2.9	Cs137	0.8 Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw		Cs134	0.7 Bq/Kg raw	
Sea sand (50cm deep)		Jul-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.8 Bq/Kg raw	
			Cs134	— Bq/Kg raw	± — Bq/Kg raw		Cs134	0.7 Bq/Kg raw	
Sea sand (surface)		Misaki Park① Iwaki	Jul-16	Cs137	13.3 Bq/Kg raw	± 3.0 Bq/Kg raw	20.5	Cs137	1.0 Bq/Kg raw
				Cs134	7.2 Bq/Kg raw	± 1.8 Bq/Kg raw		Cs134	0.9 Bq/Kg raw
Sea sand (15cm deep)			Jul-16	Cs137	15.7 Bq/Kg raw	± 3.4 Bq/Kg raw	21.0	Cs137	1.2 Bq/Kg raw
				Cs134	5.3 Bq/Kg raw	± 1.5 Bq/Kg raw		Cs134	1.1 Bq/Kg raw
Sea sand (30cm deep)	Jul-16		Cs137	16.8 Bq/Kg raw	± 3.4 Bq/Kg raw	25.8	Cs137	0.7 Bq/Kg raw	
			Cs134	9.0 Bq/Kg raw	± 1.9 Bq/Kg raw		Cs134	0.7 Bq/Kg raw	
Sea sand (50cm deep)	Jul-16		Cs137	14.1 Bq/Kg raw	± 2.8 Bq/Kg raw	21.7	Cs137	0.7 Bq/Kg raw	
			Cs134	7.6 Bq/Kg raw	± 1.6 Bq/Kg raw		Cs134	0.7 Bq/Kg raw	
Sea sand (surface)	Misaki Park② Iwaki		Jul-16	Cs137	15.0 Bq/Kg raw	± 3.0 Bq/Kg raw	19.8	Cs137	0.7 Bq/Kg raw
				Cs134	4.8 Bq/Kg raw	± 1.1 Bq/Kg raw		Cs134	0.6 Bq/Kg raw
Sea sand (15cm deep)			Jul-16	Cs137	13.0 Bq/Kg raw	± 3.0 Bq/Kg raw	20.9	Cs137	1.3 Bq/Kg raw
				Cs134	7.9 Bq/Kg raw	± 2.0 Bq/Kg raw		Cs134	1.2 Bq/Kg raw
Sea sand (30cm deep)		Jul-16	Cs137	15.1 Bq/Kg raw	± 3.4 Bq/Kg raw	20.5	Cs137	1.2 Bq/Kg raw	
			Cs134	5.4 Bq/Kg raw	± 1.6 Bq/Kg raw		Cs134	1.1 Bq/Kg raw	
Sea sand (50cm deep)		Jul-16	Cs137	15.2 Bq/Kg raw	± 3.4 Bq/Kg raw	21.1	Cs137	1.3 Bq/Kg raw	
			Cs134	5.9 Bq/Kg raw	± 1.6 Bq/Kg raw		Cs134	1.1 Bq/Kg raw	

※"\_" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/Kg.

★Gamma-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Air cleaner filter	Ueda, Iwaki	Jul-16	Cs137	78 Bq/Kg raw	± 16.1 Bq/Kg raw	95	Cs137	6.8 Bq/Kg raw	
			Cs134	17 Bq/Kg raw	± 5.1 Bq/Kg raw		Cs134	6.1 Bq/Kg raw	
Air cleaner filter	Ueda, Iwaki	Jul-16	Cs137	469 Bq/Kg raw	± 94 Bq/Kg raw	573	Cs137	7.0 Bq/Kg raw	
			Cs134	104 Bq/Kg raw	± 21 Bq/Kg raw		Cs134	6.5 Bq/Kg raw	
Vacuum cleaner dust Dyson	Hanabatake, Onahama, Iwaki	Jul-16	Cs137	3522 Bq/Kg raw	± 318 Bq/Kg raw	4,061	Cs137	1.0 Bq/Kg raw	
			Cs134	539 Bq/Kg raw	± 63.7 Bq/Kg raw		Cs134	1.0 Bq/Kg raw	
Vacuum cleaner dust SHARP Cyclonic	Uonaha, Onahama, Iwaki	Jul-16	Cs137	151 Bq/Kg raw	± 26.4 Bq/Kg raw	183	Cs137	1.0 Bq/Kg raw	
			Cs134	32.3 Bq/Kg raw	± 13.0 Bq/Kg raw		Cs134	1.0 Bq/Kg raw	
Air dust	Ena Elementary School (school yard)	Jul-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.3 mBq/m <sup>3</sup>	
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>	
Air dust	Nagasaki Nursery School (Playground)	Jul-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.4 mBq/m <sup>3</sup>	
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>	

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/Kg.

※Please note that the value of vacuum cleaner dust may vary according to models and specifications.



★Beta-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty	Minimum Limit of Detection
Sea water (surface)	2km south of Fukushima Nuclear Power Plant1(1km off-shore)	Jun-16	T(Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	4.35 Bq/L
Sea water (lower)		Jun-16	T(Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	4.30 Bq/L
Sea water (surface)	1.3km south of Fukushima Nuclear Power Plant1(2km off-shore)	Jun-16	T(Free)	4.59 Bq/L	± 2.61 Bq/L	2.57 Bq/L
Sea water (lower)		Jun-16	T(Free)	4.05 Bq/L	± 2.60 Bq/L	2.57 Bq/L
Seabed silt	Off-shore of Fukushima Nuclear Power Plant1	Jul-15	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.08 Bq/Kg dry
River mud	Edogawa, Tokyo (Arakawa River)	Jul-15	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.33 Bq/Kg dry
Fish soup powder	unknown	unknown	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	0.28 Bq/Kg dry

T(Free) : Tritium(Free water) T(Organization) : Tritium(Organization bound water) Sr90 : Strontium90

※The value below Minimum Limit of Detection does not necessary mean 0(zero)Bq/Kg.

