



# Radiation Measurement Results of 136 Items in May



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			
Brown rice	Kashima, Minamisoma, Fukushima	Oct-18	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
Rice	Kashima, Minamisoma, Fukushima	Oct-18	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.9	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.9
Rice	Iidate, Soma, Fukushima	Oct-18	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	0.8	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	0.8
Rice	Hokkaido	Oct-18	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
Glutinous wheat	Haramachi, Minamisoma, Fukushima	Oct-18	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.2	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.0
Carrot	Tairafujima, Iwaki	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.4	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.4
Cabbage	Tairashimokabeya, Iwaki	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.4	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.3
Lettuce	Kawamata, Date, Fukushima	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.6	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.4
Cucumber	Fukushima, Fukushima	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.6	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.5
Cucumber	Kakuda, Miyagi	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.6	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.5
Spring onion	Fukushima, Fukushima	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.7	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.3
Seasonal onion	Iritono, Tono, Iwaki	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.2	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.2
Green onion (flower)	Tairashimokabeya, Iwaki	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	3.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	2.5
Burdock	Kakuda, Miyagi	Apr-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.9	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.9
Asparagus	Fukushima	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.7	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.6
Japanese mustard spinach	Kakuda, Miyagi	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.4	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.4
Canola flower	Iritono, Tono, Iwaki	Apr-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.7	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.5
Garland chrysanthemum	Tairashimokabeya, Iwaki	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.1
Qing-geng-cai	Iino, Fukushima, Fukushima	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.8	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.7
Santona Chinese lettuce	Iidate, Soma, Fukushima	May-19	Cs137	—	Bq/Kg raw	± —	Under Minimum Limit of Detection	Cs137	1.8	Bq/Kg raw
			Cs134	—	Bq/Kg raw	± —		Bq/Kg raw	Cs134	1.4

※"—" 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				
Canola flower	Iino, Fukushima, Fukushima	May-19	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	1.5	Bq/Kg raw
Watercress	Nagasaki, Iwaki	May-19	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	1.0	Bq/Kg raw
Turnip(pulp)	Fukushima, Fukushima	May-19	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
Turnip (leaf)	Fukushima, Fukushima	May-19	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.9	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.6	Bq/Kg raw
Turnip (leaf)	Iidate, Soma, Fukushima	Apr-19	Cs137	6.7	Bq/Kg raw	±	1.7	Bq/Kg raw	6.7	Cs137	1.8	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.6	Bq/Kg raw
Pumpkin(frozen)	Hokkaido	Unknown	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	0.8	Bq/Kg raw
Parsley	Tairashimokabeya, Iwaki	May-19	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.4	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.8	Bq/Kg raw
Hosta montana	Iritono, Tono, Iwaki	May-19	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.8	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.4	Bq/Kg raw
Red pepper	Iwaki	2018	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	8.1	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	6.2	Bq/Kg raw
Shitake mushroom grown in log(dry)	Iwaki	2018	Cs137	44.2	Bq/Kg raw	±	6.5	Bq/Kg raw	44.2	Cs137	4.9	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	3.5	Bq/Kg raw
Shitake mushroom grown in log(dry)	Inaoki, Kakuda, Miyagi	2018	Cs137	63.8	Bq/Kg raw	±	13.2	Bq/Kg raw	63.8	Cs137	9.2	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	6.8	Bq/Kg raw
Shitake mushroom grown in log(raw)	Akita	May-19	Cs137	2.1	Bq/Kg raw	±	1.5	Bq/Kg raw	2.1	Cs137	1.6	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.3	Bq/Kg raw
Dried Japanese white radish	Iwaki	Feb-19	Cs137	8.9	Bq/Kg raw	±	3.0	Bq/Kg raw	8.9	Cs137	2.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.9	Bq/Kg raw
Dried Japanese white radish	Kumamoto	Feb-19	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
Bambooshoot(raw)	Tono, Iwaki	May-19	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
Bambooshoot(raw)	Zaou, Karita, Miyagi	May-19	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
Bambooshoot(raw)	Miyamae, Kawasaki, Kanagawa	Apr-19	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
Bambooshoot (boiled)	Tairashimohirakubo, Iwaki	May-19	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
Bambooshoot (boiled)	Tomita, Wakaba-ku, Chiba, Chiba	Apr-19	Cs137	3.2	Bq/Kg raw	±	1.9	Bq/Kg raw	3.2	Cs137	2.1	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.5	Bq/Kg raw
Mugwort	Tomioka, Futaba, Fukushima	May-19	Cs137	62.9	Bq/Kg raw	±	8.2	Bq/Kg raw	67.3	Cs137	4.4	Bq/Kg raw
			Cs134	4.4	Bq/Kg raw	±	2.5	Bq/Kg raw		Cs134	3.3	Bq/Kg raw
Aralia sprout	Zaou, Karita, Miyagi	May-19	Cs137	7.7	Bq/Kg raw	±	2.5	Bq/Kg raw	7.7	Cs137	2.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.7	Bq/Kg raw
Aralia sprout	Iritono, Tono, Iwaki	May-19	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	2.0	Bq/Kg raw
Aralia cordate	Shimookuri, Kawamae, Iwaki	May-19	Cs137	2.5	Bq/Kg raw	±	1.0	Bq/Kg raw	2.5	Cs137	1.4	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.3	Bq/Kg raw
Butterbur	Tairashimokabeya, Iwaki	May-19	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	2.6	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	
Butterbur	Kakuda, Miyagi	May-19	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
Butterbur	Miyamae, Kawasaki, Kanagawa	May-19	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	2.0 Bq/Kg raw
Bracken(raw)	Fukushima	May-19	Cs137	3.1 Bq/Kg raw	±	1.1 Bq/Kg raw	3.1	Cs137	1.5 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.5 Bq/Kg raw
Bracken(raw)	Akita	May-19	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	1.4 Bq/Kg raw
Bracken(boiled)	Shimookuri, Kawamae, Iwaki	May-19	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
Horsetail	Shimokuramoti, Kashima, Iwaki	Apr-19	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	3.6 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	3.5 Bq/Kg raw
Grasshoppers cooked in soy sauce	Iwaki	Nov-18	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
Rice bran	unknown	Oct-18	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	1.7 Bq/Kg raw
Tofu refuse	Onahama, Iwaki	Apr-19	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
Flour	Kawasaki, Kawasaki, Kanagawa	Unknown	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
Tea(leaves)	Indonesia	Unknown	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
Yogurt(drink)	Aizubange, Kawanuma, Fukushima	Apr-19	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
Dessert base (peach)	Takaya, Konan, Aichi	Unknown	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
Cherry	Onahamasuwa, Iwaki	May-19	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.7 Bq/Kg raw
Prune(raw)	Onahamasuwa, Iwaki	May-19	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	1.3 Bq/Kg raw
Kumquat	Tairashimokabeya, Iwaki	May-19	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
Udon(boiled)	Minami-ku, Niigata, Niigata	May-19	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
Soba(boiled)	Daikai, Uozu, Toyama	May-19	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
Glutinous rice flour	Japan (production)	Unknown	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.6 Bq/Kg raw
Salted kelp	Japan (production)	2018	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	4.3 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	3.2 Bq/Kg raw
Red perilla (sprinkle)	Hiroshima	Unknown	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	5.5 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	4.2 Bq/Kg raw
Toasted seaweed	Seto Inland Sea	2018	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	27.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	21.3 Bq/Kg raw
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant 2	Apr-19	Cs137	— Bq/L	±	— Bq/L	Under Minimum Limit of Detection	Cs137	0.017 Bq/L
			Cs134	— Bq/L	±	— Bq/L		Cs134	— Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant 2	Apr-19	Cs137	0.019 Bq/L	±	0.010 Bq/L	0.019	Cs137	0.017 Bq/L
			Cs134	— Bq/L	±	— Bq/L		Cs134	— Bq/L

※"\_" 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 water B (surface)	Off the coast of Fukushima Nuclear Power Plant 1	Apr-19	Cs137	— Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137	0.017 Bq/L	Cs134	— Bq/L
			Cs134	— Bq/L	± — Bq/L			— Bq/L		
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant 1	Apr-19	Cs137	— Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137	0.017 Bq/L	Cs134	— Bq/L
			Cs134	— Bq/L	± — Bq/L			— Bq/L		
Boar (hair, skin)	Kawauchi, Futaba Fukushima	Apr-17	Cs137	60.6 Bq/Kg raw	± 12.1 Bq/Kg raw	60.6	Cs137	3.7 Bq/Kg raw	Cs134	3.6 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			— Bq/Kg raw		
Canada goldenrod	Okuma, Futaba, Fukushima	May-19	Cs137	1184.4 Bq/Kg raw	± 103.8 Bq/Kg raw	1260.0	Cs137	10.3 Bq/Kg raw	Cs134	8.9 Bq/Kg raw
			Cs134	75.6 Bq/Kg raw	± 12.1 Bq/Kg raw			— Bq/Kg raw		
Azalea	Okuma, Futaba, Fukushima	May-19	Cs137	1127.6 Bq/Kg raw	± 102.1 Bq/Kg raw	1198.0	Cs137	8.7 Bq/Kg raw	Cs134	8.4 Bq/Kg raw
			Cs134	70.4 Bq/Kg raw	± 13.7 Bq/Kg raw			— Bq/Kg raw		
Dead leaves	Noda, Fukushima, Fukushima	Mar-19	Cs137	25.0 Bq/Kg raw	± 4.0 Bq/Kg raw	25.0	Cs137	— Bq/Kg raw	Cs134	— Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			— Bq/Kg raw		
Dead leaves	Haramachi, Minamisoma, Fukushima	Mar-19	Cs137	15.0 Bq/Kg raw	± 4.0 Bq/Kg raw	15.0	Cs137	— Bq/Kg raw	Cs134	— Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			— Bq/Kg raw		
Pine leaves	Tairashimokabeya, Iwaki	May-19	Cs137	2.4 Bq/Kg raw	± 1.6 Bq/Kg raw	2.4	Cs137	2.2 Bq/Kg raw	Cs134	1.6 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			— Bq/Kg raw		
Japanese cleyera	Iwaki	Apr-19	Cs137	9.2 Bq/Kg raw	± 3.0 Bq/Kg raw	9.2	Cs137	3.3 Bq/Kg raw	Cs134	2.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw			— Bq/Kg raw		
Charcoal (various kinds of small trees)	Tairashimokabeya, Iwaki	May-19	Cs137	299.0 Bq/Kg raw	± 60.0 Bq/Kg raw	330.4	Cs137	3.1 Bq/Kg raw	Cs134	2.8 Bq/Kg raw
			Cs134	31.4 Bq/Kg raw	± 6.7 Bq/Kg raw			— Bq/Kg raw		
Soil	Nihonmatsu, Fukushima	Mar-19	Cs137	1890.0 Bq/Kg dry	± 380.0 Bq/Kg dry	2073.0	Cs137	33.1 Bq/Kg dry	Cs134	26.7 Bq/Kg dry
			Cs134	183.0 Bq/Kg dry	± 41.0 Bq/Kg dry			— Bq/Kg dry		
Soil	Haga, Koriyama, Fukushima	Mar-19	Cs137	1600.0 Bq/Kg dry	± 120.0 Bq/Kg dry	1700.0	Cs137	— Bq/Kg dry	Cs134	— Bq/Kg dry
			Cs134	100.0 Bq/Kg dry	± 3.0 Bq/Kg dry			— Bq/Kg dry		
Soil	Taira, Iwaki	Mar-19	Cs137	1610.0 Bq/Kg dry	± 320.0 Bq/Kg dry	1770.0	Cs137	31.5 Bq/Kg dry	Cs134	25.4 Bq/Kg dry
			Cs134	160.0 Bq/Kg dry	± 37.0 Bq/Kg dry			— Bq/Kg dry		
Soil	Nishiogawa, Ogawa, Iwaki	May-19	Cs137	28.5 Bq/Kg dry	± 3.9 Bq/Kg dry	28.5	Cs137	4.5 Bq/Kg dry	Cs134	5.4 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Soil	Koi, Nishi-ku, Hiroshima, Hiroshima	Apr-19	Cs137	— Bq/Kg dry	± — Bq/Kg dry	Under Minimum Limit of Detection	Cs137	2.4 Bq/Kg dry	Cs134	2.5 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Soil	Nakajima, Naka-ku, Hiroshima, Hiroshima	Apr-19	Cs137	— Bq/Kg dry	± — Bq/Kg dry	Under Minimum Limit of Detection	Cs137	4.8 Bq/Kg dry	Cs134	4.5 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Soil	Hiroshima	Apr-19	Cs137	— Bq/Kg dry	± — Bq/Kg dry	Under Minimum Limit of Detection	Cs137	2.8 Bq/Kg dry	Cs134	2.8 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Sea sand (surface)	Hattachi Beach④, Fukushima	May-19	Cs137	42.2 Bq/Kg dry	± 5.4 Bq/Kg dry	42.2	Cs137	3.8 Bq/Kg dry	Cs134	5.6 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Sea sand (10cm deep)			Cs137	33.1 Bq/Kg dry	± 4.5 Bq/Kg dry	33.1	Cs137	3.6 Bq/Kg dry	Cs134	4.2 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Sea sand (30cm deep)			Cs137	41.3 Bq/Kg dry	± 4.8 Bq/Kg dry	45.7	Cs137	2.2 Bq/Kg dry	Cs134	2.9 Bq/Kg dry
			Cs134	4.4 Bq/Kg dry	± 1.0 Bq/Kg dry			— Bq/Kg dry		
Sea sand (50cm deep)			Cs137	36.2 Bq/Kg dry	± 5.0 Bq/Kg dry	36.2	Cs137	3.5 Bq/Kg dry	Cs134	4.0 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Sea sand (surface)	Hattachi Beach②, Fukushima	May-19	Cs137	32.3 Bq/Kg dry	± 4.6 Bq/Kg dry	32.3	Cs137	4.4 Bq/Kg dry	Cs134	4.2 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Sea sand (10cm deep)			Cs137	36.5 Bq/Kg dry	± 4.7 Bq/Kg dry	36.5	Cs137	4.0 Bq/Kg dry	Cs134	5.6 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry			— Bq/Kg dry		
Sea sand (30cm deep)			Cs137	36.6 Bq/Kg dry	± 4.5 Bq/Kg dry	40.5	Cs137	2.3 Bq/Kg dry	Cs134	3.5 Bq/Kg dry
			Cs134	3.9 Bq/Kg dry	± 1.1 Bq/Kg dry			— Bq/Kg dry		

※"\_" 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 (50cm deep)	Hattachi Beach②, Fukushima	May-19	Cs137	36.7 Bq/Kg dry	± 4.8 Bq/Kg dry	36.7	Cs137	2.1 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.4 Bq/Kg dry
Sea sand (surface)	Hattachi Beach③, Fukushima	May-19	Cs137	42.4 Bq/Kg dry	± 5.6 Bq/Kg dry	42.4	Cs137	4.5 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	4.2 Bq/Kg dry
Sea sand (surface)	Hattachi Beach④, Fukushima	May-19	Cs137	83.8 Bq/Kg dry	± 9.8 Bq/Kg dry	90.8	Cs137	4.1 Bq/Kg dry
			Cs134	7.0 Bq/Kg dry	± 1.6 Bq/Kg dry		Cs134	6.3 Bq/Kg dry
Sea sand (surface)	Yotsukura Beach①, Fukushima	May-19	Cs137	9.9 Bq/Kg dry	± 1.5 Bq/Kg dry	9.9	Cs137	2.0 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.4 Bq/Kg dry
Sea sand (10cm deep)			Cs137	16.2 Bq/Kg dry	± 2.2 Bq/Kg dry	16.2	Cs137	2.0 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.4 Bq/Kg dry
Sea sand (30cm deep)			Cs137	12.1 Bq/Kg dry	± 1.6 Bq/Kg dry	12.1	Cs137	1.2 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	1.4 Bq/Kg dry
Sea sand (50cm deep)	Cs137	13.0 Bq/Kg dry	± 1.7 Bq/Kg dry	13.0	Cs137	2.0 Bq/Kg dry		
	Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.3 Bq/Kg dry		
Sea sand (surface)	Yotsukura Beach②, Fukushima	May-19	Cs137	35.3 Bq/Kg dry	± 4.5 Bq/Kg dry	35.3	Cs137	3.4 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	4.3 Bq/Kg dry
Sea sand (10cm deep)			Cs137	481.0 Bq/Kg dry	± 65.8 Bq/Kg dry	498.9	Cs137	5.9 Bq/Kg dry
			Cs134	17.9 Bq/Kg dry	± 9.9 Bq/Kg dry		Cs134	6.8 Bq/Kg dry
Sea sand (30cm deep)			Cs137	346.0 Bq/Kg dry	± 39.3 Bq/Kg dry	376.9	Cs137	5.2 Bq/Kg dry
			Cs134	30.9 Bq/Kg dry	± 4.8 Bq/Kg dry		Cs134	6.0 Bq/Kg dry
Sea sand (50cm deep)	Cs137	149.0 Bq/Kg dry	± 17.4 Bq/Kg dry	161.4	Cs137	4.7 Bq/Kg dry		
	Cs134	12.4 Bq/Kg dry	± 2.3 Bq/Kg dry		Cs134	5.8 Bq/Kg dry		
Sea sand (surface)	Yotsukura Beach③, Fukushima	May-19	Cs137	28.9 Bq/Kg dry	± 3.6 Bq/Kg dry	33.2	Cs137	1.3 Bq/Kg dry
			Cs134	4.3 Bq/Kg dry	± 1.1 Bq/Kg dry		Cs134	1.7 Bq/Kg dry
Sea sand (10cm deep)			Cs137	17.4 Bq/Kg dry	± 2.6 Bq/Kg dry	17.4	Cs137	2.8 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	3.2 Bq/Kg dry
Sea sand (30cm deep)			Cs137	26.9 Bq/Kg dry	± 3.1 Bq/Kg dry	29.5	Cs137	1.4 Bq/Kg dry
			Cs134	2.6 Bq/Kg dry	± 0.6 Bq/Kg dry		Cs134	2.4 Bq/Kg dry
Sea sand (50cm deep)	Cs137	19.9 Bq/Kg dry	± 2.4 Bq/Kg dry	19.9	Cs137	2.1 Bq/Kg dry		
	Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.4 Bq/Kg dry		
Sea sand (surface)	Yotsukura Beach④, Fukushima	May-19	Cs137	30.1 Bq/Kg dry	± 4.4 Bq/Kg dry	34.0	Cs137	2.2 Bq/Kg dry
			Cs134	3.9 Bq/Kg dry	± 1.3 Bq/Kg dry		Cs134	2.8 Bq/Kg dry
Sea sand (10cm deep)			Cs137	22.6 Bq/Kg dry	± 2.7 Bq/Kg dry	22.6	Cs137	1.5 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.4 Bq/Kg dry
Sea sand (30cm deep)			Cs137	27.5 Bq/Kg dry	± 3.3 Bq/Kg dry	27.5	Cs137	1.7 Bq/Kg dry
			Cs134	— Bq/Kg dry	± — Bq/Kg dry		Cs134	2.8 Bq/Kg dry
Sea sand (50cm deep)	Cs137	32.1 Bq/Kg dry	± 3.6 Bq/Kg dry	34.3	Cs137	1.3 Bq/Kg dry		
	Cs134	2.2 Bq/Kg dry	± 0.5 Bq/Kg dry		Cs134	2.1 Bq/Kg dry		
Vacuum cleaner dust(Dyson)	Sakakigoya, Yoshima, Iwaki	Apr-19	Cs137	85.1 Bq/Kg raw	± 18.0 Bq/Kg raw	85.1	Cs137	8.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw		Cs134	7.8 Bq/Kg raw
Vacuum cleaner dust (HITACHI Cyclone)	Kojima,Uchigo, Iwaki	Mar-19	Cs137	256.2 Bq/Kg raw	± 28.5 Bq/Kg raw	270.4	Cs137	11.7 Bq/Kg raw
			Cs134	14.2 Bq/Kg raw	± 8.2 Bq/Kg raw		Cs134	11.4 Bq/Kg raw
Vacuum cleaner dust (Dyson)	Onahama-hanabatake, Iwaki	Apr-19	Cs137	759.3 Bq/Kg raw	± 73.0 Bq/Kg raw	818.0	Cs137	10.6 Bq/Kg raw
			Cs134	58.7 Bq/Kg raw	± 13.4 Bq/Kg raw		Cs134	9.6 Bq/Kg raw
Vacuum cleaner dust (Dyson)	Onahama-hanabatake, Iwaki	May-19	Cs137	717.9 Bq/Kg raw	± 68.6 Bq/Kg raw	765.3	Cs137	9.3 Bq/Kg raw
			Cs134	47.4 Bq/Kg raw	± 11.2 Bq/Kg raw		Cs134	8.1 Bq/Kg raw
Vacuum cleaner dust (SHARP Cyclone)	Onahamasuwa, Iwaki	May-19	Cs137	169.9 Bq/Kg raw	± 21.6 Bq/Kg raw	182.3	Cs137	11.9 Bq/Kg raw
			Cs134	12.4 Bq/Kg raw	± 6.3 Bq/Kg raw		Cs134	8.8 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	
Vacuum cleaner dust(Dyson)	Onahamaohara, Iwaki	May-19	Cs137	— Bq/Kg raw	± — Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.6 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw		Cs134	1.9 Bq/Kg raw
Vacuum cleaner dust(Dyson)	Izumigaoka, Iwaki	May-19	Cs137	1194.0 Bq/Kg raw	± 137.2 Bq/Kg raw	1284.7	Cs137	62.1 Bq/Kg raw
			Cs134	90.7 Bq/Kg raw	± 43.7 Bq/Kg raw		Cs134	58.4 Bq/Kg raw
Cleaning sheet (dust)	Onahama-hanabatake, Iwaki	Apr-19	Cs137	198.3 Bq/Kg raw	± 20.3 Bq/Kg raw	210.7	Cs137	6.4 Bq/Kg raw
			Cs134	12.4 Bq/Kg raw	± 4.4 Bq/Kg raw		Cs134	5.5 Bq/Kg raw
Cleaning sheet (dust on the pillars of the house)	Ueda, Iwaki	May-19	Cs137	5680.0 Bq/Kg raw	± 1140.0 Bq/Kg raw	6298.0	Cs137	8.4 Bq/Kg raw
			Cs134	618.0 Bq/Kg raw	± 124.0 Bq/Kg raw		Cs134	8.3 Bq/Kg raw
Cleaning sheet (dust of ventilation opening)	Ueda, Iwaki	May-19	Cs137	5220.0 Bq/Kg raw	± 1040.0 Bq/Kg raw	5707.0	Cs137	11.1 Bq/Kg raw
			Cs134	487.0 Bq/Kg raw	± 97.0 Bq/Kg raw		Cs134	9.3 Bq/Kg raw
Air dust	Oono Junior High School (schoolyard)	May-19	Cs137	— Bq/m <sup>3</sup>	± — Bq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	5.3 Bq/m <sup>3</sup>
			Cs134	— Bq/m <sup>3</sup>	± — Bq/m <sup>3</sup>		Cs134	— Bq/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.



## ★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
Young yellowtail	Off the coast of Fukushima Nuclear Power Plant 1	Jul-18	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.25 Bq/Kg dry
Well water	Kawauchi, Futaba, Fukushima	Mar-19	T(Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	1.98 Bq/L
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant 2	Apr-19	T(Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	1.98 Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant 1	Apr-19	T(Free)	Under Minimum Limit of Detection Bq/L	± — Bq/L	1.98 Bq/L
Greenling	Off the coast of Fukushima Nuclear Power Plant 1	Jul-17	Sr90	0.63 Bq/Kg dry	± 0.14 Bq/Kg dry	0.20 Bq/Kg dry
Blowfish	Off the coast of Fukushima Nuclear Power Plant 1	Jul-17	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	0.32 Bq/Kg dry
Mackerel (bone, head)	Off the coast of Onahama, Iwaki	Apr-19	Sr90	0.16 Bq/Kg dry	± 0.09 Bq/Kg dry	0.13 Bq/Kg dry
Shell	Yotsukura Beach, Fukushima	Apr-19	Sr90	0.33 Bq/Kg dry	± 0.18 Bq/Kg dry	0.28 Bq/Kg dry
Persimmon (leaves)	Naraha, Futaba, Fukushima	Sep-15	Sr90	5.58 Bq/Kg dry	± 0.64 Bq/Kg dry	0.70 Bq/Kg dry
Soil	Suetsugi, Iwaki	Mar-18	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.87 Bq/Kg dry
Soil	Tairashimokabeya, Iwaki	Mar-18	Sr90	9.34 Bq/Kg dry	± 1.48 Bq/Kg dry	2.16 Bq/Kg dry
Sea bottom soil	Off the coast of Fukushima Nuclear Power Plant 1	Nov-15	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.51 Bq/Kg dry
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant 2	Apr-19	Sr90	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.0025 Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant 1	Apr-19	Sr90	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.0016 Bq/L

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