



Radiation Measurement Results of 126 Items in April





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

Measuring instrument	Feature	Guide to lower limit※
Na I Scintillation Spectrometer		
Product of ATOMTEX AT1320A	Product of BERTHOLD LB2045	Food (Sample 1kg) Lower limit 1.0Bq/Kg Soil (Sample 1kg) Lower limit 2.5Bq/Kg Material (Sample 1kg) Lower limit 1.0Bq/Kg Water (Sample 20L) Lower limit 0.02Bq/L
		

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument: Na I Scintillation Spectrometer (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	
Taro	Soma, Fukushima	Mar-24	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	1.1 Bq/kg raw
Taro	Hirono, Futaba, Fukushima	Mar-24	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
Taro	Tsukuba, Ibaraki	Mar-24	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	2.4 Bq/kg raw
Chinese yam	Aomori Pref.	Mar-24	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
Sweet potato	Hirono, Futaba, Fukushima	Mar-24	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	1.9 Bq/kg raw
Potato	Funehiki, Tamura, Fukushima	Apr-24	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	1.3 Bq/kg raw
Jerusalem artichoke	Kawauchi, Futaba, Fukushima	Mar-24	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	1.9 Bq/kg raw
Yacon	Hirono, Futaba, Fukushima	Mar-24	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
Carrot	Funehiki, Tamura, Fukushima	Apr-24	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.5 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.3 Bq/kg raw
Spring carrot	Tokushima Pref.	Mar-24	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	1.8 Bq/kg raw
Japanese white radish	Miharu, Tamura, Fukushima	Apr-24	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	1.8 Bq/kg raw
Japanese white radish with roots	Hara, Minamisoma, Fukushima	Mar-24	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	1.8 Bq/kg raw
Turnip	Miharu, Tamura, Fukushima	Mar-24	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
Bamboo shoot	Kashima, Iwaki	Apr-24	Cs137	80.3 Bq/kg raw	± 16.1 Bq/kg raw	80.3	Cs137	2.1 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.0 Bq/kg raw
Bamboo shoot	Kamikaziro, Onahama, Iwaki	Apr-24	Cs137	12.6 Bq/kg raw	± 2.4 Bq/kg raw	12.6	Cs137	1.5 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.3 Bq/kg raw
Bamboo shoot	Tono, Iwaki	Apr-24	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	2.5 Bq/kg raw
Lotus root	Chiba Pref.	Apr-24	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

※"—" 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				
Lotus root	Ibaraki Pref.	Mar-24	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	2.0	Bq/kg raw
Lotus root	Ibaraki Pref.	Apr-24	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	1.9	Bq/kg raw
Cabbage	Inawashiro, Yama, Fukushima	Mar-24	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	2.4	Bq/kg raw
Spring cabbage	Kanagawa Pref.	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.1	Bq/kg raw
Brussels sprouts	Kawamata, Date, Fukushima	Mar-24	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	1.5	Bq/kg raw
Lettuce	Shirakawa, Fukushima	Apr-24	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	1.1	Bq/kg raw
Fringe lettuce	Kawauchi, Futaba, Fukushima	Mar-24	Cs137	2.5	Bq/kg raw	±	1.5	Bq/kg raw	2.5	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Petit vert	Kawamata, Date, Fukushima	Mar-24	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	1.5	Bq/kg raw
Small green onion	Miyagi Pref.	Mar-24	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	1.1	Bq/kg raw
New onion	Nagasaki Pref.	Mar-24	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
Eggplant	Kochi Pref.	Mar-24	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	2.5	Bq/kg raw
Slender eggplant	Fukuoka Pref.	Mar-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.4	Bq/kg raw
Green pepper	Kagoshima Pref.	Apr-24	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	1.0	Bq/kg raw
Burdock	Aomori Pref.	Mar-24	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	1.5	Bq/kg raw
Japanese radish leaves	Miharu, Tamura, Fukushima	Apr-24	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.0	Bq/kg raw
Spinach	Hokota, Ibaraki	Apr-24	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	2.4	Bq/kg raw
Spinach	Yabuki, Nishishirakawa, Fukushima	Apr-24	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	1.2	Bq/kg raw
Japanese mustard spinach	Hokota, Ibaraki	Apr-24	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	1.7	Bq/kg raw
Qing-geng-cai	Miyagi Pref.	Mar-24	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	1.0	Bq/kg raw
Kukitachina	Kawamata, Date, Fukushima	Mar-24	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	1.2	Bq/kg raw
Kukitachina	Miharu, Tamura, Fukushima	Apr-24	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	2.3	Bq/kg raw
Japanese honeywort with roots	Nakata, Koriyama Fukushima	Mar-24	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	1.5	Bq/kg raw
Garland chrysanthemum	Idate, Soma, Fukushima	Mar-24	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	1.9	Bq/kg raw
Garland chrysanthemum	Hirata, Ishikawa, Fukushima	Apr-24	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

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



★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		
Udo	Samegawa, Higashishirakawa, Fukushima	Mar-24	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
Mountain udo	Otama, Adachi, Fukushima	Apr-24	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	1.0	Bq/kg raw
Japanese parsley	Miharu, Tamura, Fukushima	Apr-24	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	1.7	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Ogawa, Iwaki	Apr-24	Cs137	4.4 Bq/kg raw	±	1.6 Bq/kg raw	4.4	Cs137	1.4	Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.1	Bq/kg raw
Egg	Hanawa, Higashishirakawa, Fukushima	Apr-24	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
Egg	Kanegasaki, Isawa, Iwate	Apr-24	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
Egg	Suginami, Taira, Fukushima	Apr-24	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
Milk	Motomiya, Fukushima	Apr-24	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
Milk	Aizu, Kawanuma, Fukushima	Apr-24	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
Soil (in the park)	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	12.0 Bq/kg dry	±	1.4 Bq/kg dry	12.0	Cs137	1.0	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.2	Bq/kg dry
Soil (in the park)	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.1	Bq/kg dry
Soil (in the park)	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.1	Bq/kg dry
Soil (in the park)	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.2	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.2	Bq/kg dry
Soil (in the park)	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.2	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.2	Bq/kg dry
Soil (in the park) under the horizontal bar	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.2	Bq/kg dry
Soil (in the park) at the steps of a slide	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.4	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.3	Bq/kg dry
Soil (in the park) at the steps of a slide	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.3	Bq/kg dry
Soil (in the park) under the swing	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.3	Bq/kg dry
Soil (in the park) under the bench	Gorouchi Park/ Gorouchi Kamiarakawa, Taira, Iwaki	Apr-24	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.2	Bq/kg dry
Soil (in the park)	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	1340.0 Bq/kg dry	±	136.0 Bq/kg dry	1361.6	Cs137	2.1	Bq/kg dry
			Cs134	21.6 Bq/kg dry	±	2.7 Bq/kg dry		Cs134	2.1	Bq/kg dry
Soil (in the park)	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	1160.0 Bq/kg dry	±	119.0 Bq/kg dry	1178.6	Cs137	2.7	Bq/kg dry
			Cs134	18.6 Bq/kg dry	±	2.5 Bq/kg dry		Cs134	2.6	Bq/kg dry
Soil (in the park)	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	1080.0 Bq/kg dry	±	109.0 Bq/kg dry	1098.0	Cs137	1.7	Bq/kg dry
			Cs134	18.0 Bq/kg dry	±	2.2 Bq/kg dry		Cs134	1.7	Bq/kg dry
Soil (in the park)	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	840.0 Bq/kg dry	±	85.6 Bq/kg dry	852.9	Cs137	1.8	Bq/kg dry
			Cs134	12.9 Bq/kg dry	±	1.7 Bq/kg dry		Cs134	1.9	Bq/kg dry
Soil (in the park)	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	629.0 Bq/kg dry	±	64.7 Bq/kg dry	641.3	Cs137	2.1	Bq/kg dry
			Cs134	12.3 Bq/kg dry	±	1.8 Bq/kg dry		Cs134	2.3	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	
Soil(in the park) under the pergola	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	518.0 Bq/kg dry	± 52.9 Bq/kg dry	528.5	Cs137	1.4 Bq/kg dry	
			Cs134	10.5 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil(in the park) under the bench	Heisei Park.2/ Heisei2-chome, Iwaki	Apr-24	Cs137	299.0 Bq/kg dry	± 31.5 Bq/kg dry	304.8	Cs137	2.4 Bq/kg dry	
			Cs134	5.8 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.9 Bq/kg dry	
Soil(in the park) drinking fountains	Furudate Park/ Kimigazuka, Onahama,Iwaki	Apr-24	Cs137	381.0 Bq/kg dry	± 39.1 Bq/kg dry	389.6	Cs137	1.2 Bq/kg dry	
			Cs134	8.6 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) under the big tree	Yokocyo Park/ Yokocyo, Onahama,Iwaki	Apr-24	Cs137	1330.0 Bq/kg dry	± 137.0 Bq/kg dry	1354.6	Cs137	3.4 Bq/kg dry	
			Cs134	24.6 Bq/kg dry	± 3.2 Bq/kg dry		Cs134	3.6 Bq/kg dry	
Soil(in the park) under the tree	Yokocyo Park/ Yokocyo, Onahama,Iwaki	Apr-24	Cs137	522.0 Bq/kg dry	± 54.1 Bq/kg dry	529.5	Cs137	2.2 Bq/kg dry	
			Cs134	7.5 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	2.7 Bq/kg dry	
Soil(in the park) under the tree on a roadside	Yokocyo Park/ Yokocyo, Onahama,Iwaki	Apr-24	Cs137	311.0 Bq/kg dry	± 31.6 Bq/kg dry	317.4	Cs137	1.0 Bq/kg dry	
			Cs134	6.4 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil(in the park) under the bench	Yokocyo Park/ Yokocyo, Onahama,Iwaki	Apr-24	Cs137	308.0 Bq/kg dry	± 31.6 Bq/kg dry	313.1	Cs137	1.0 Bq/kg dry	
			Cs134	5.1 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil(in the park) at the steps of a slide	Yokocyo Park/ Yokocyo, Onahama,Iwaki	Apr-24	Cs137	24.8 Bq/kg dry	± 2.7 Bq/kg dry	24.8	Cs137	0.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.1 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

Measuring instrument		Feature	Guide to lower limit※
Germanium Semiconductor detector			
ORTEC GEM30-70	CANBERRA GC4020	・ Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." ・ ORTEC GEM30-70 Relative efficiency 35% ・ CANBERRA GC4020 Relative efficiency 43%	Food (Sample 2kg) Lower limit 0.04Bq/Kg
			Soil (Sample 1kg) Lower limit 0.06Bq/Kg
			Material (Sample 1kg) Lower limit 0.06Bq/Kg
			Water (Sample 20L) Lower limit 0.001Bq/L

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument: Germanium Semiconductor detector (Bq/kg raw: Weight of raw sample Bq/kg dry: Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
				Cs137	Cs134	Cs137	Cs134		Cs137	Cs134
Carrot	Otama, Adachi, Fukushima	Mar-24	OR	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	0.07
				Cs134	—	±	—		Cs134	0.08
Bamboo shoot (boiled)	Obama, Iwaki	Apr-24	CA	Cs137	2.8	±	0.3	2.8	Cs137	0.7
				Cs134	—	±	—		Cs134	0.6
Bamboo shoot	Tono, Iwaki	Apr-24	OR	Cs137	61.0	±	2.4	61.0	Cs137	2.2
				Cs134	—	±	—		Cs134	2.2
Peppermint	Kawauchi, Futaba, Fukushima	Mar-24	CA	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.4
				Cs134	—	±	—		Cs134	1.6
Koshiabura sprout	Kawauchi, Futaba, Fukushima	Apr-24	CA	Cs137	150.8	±	1.3	153.5	Cs137	0.7
				Cs134	2.7	±	0.3		Cs134	0.7
Koshiabura sprout (wild)	Takahata, Higashiokitama, Yamagata	Apr-24	CA	Cs137	6.0	±	2.3	6.0	Cs137	4.5
				Cs134	—	±	—		Cs134	4.1
Warabi	Ogawa, Iwaki	Apr-24	OR	Cs137	24.8	±	0.2	25.3	Cs137	0.2
				Cs134	0.5	±	0.1		Cs134	0.2
Wild racambole	Hanabatake, Onahama, Iwaki	Apr-24	CA	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.6
				Cs134	—	±	—		Cs134	2.5
Horsetail	Yokocyo Park/ Hanabatake, Onahama, Iwai	Apr-24	CA	Cs137	3.5	±	1.1	3.5	Cs137	2.3
				Cs134	—	±	—		Cs134	2.4
Ostrich fern sprout	Ogawa, Iwaki	Apr-24	CA	Cs137	13.4	±	0.8	13.4	Cs137	1.5
				Cs134	—	±	—		Cs134	1.5
Ostrich fern sprout	Inawashiro, Yama, Fukushima	Apr-24	CA	Cs137	8.2	±	0.2	8.2	Cs137	0.2
				Cs134	—	±	—		Cs134	0.3
Butterbur sprout	Inawashiro, Yama, Fukushima	Apr-24	CA	Cs137	1.6	±	0.1	1.6	Cs137	0.3
				Cs134	—	±	—		Cs134	0.3
Butterbur sprout(wild)	Miharu, Tamura, Fukushima	Apr-24	CA	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	0.9
				Cs134	—	±	—		Cs134	0.8
Aralia sprout	Oguni, Nishiokitama, Fukushima	Apr-24	CA	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.2
				Cs134	—	±	—		Cs134	2.2
Wasabi leaf(pickles)	Tono, Iwaki	Apr-24	CA	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	0.8
				Cs134	—	±	—		Cs134	0.8
Chinese citron (pulp)	Shimokaziro, Onahama, Iwaki	Apr-24	OR	Cs137	0.1	±	0.03	0.1	Cs137	0.07
				Cs134	—	±	—		Cs134	0.07
Chinese citron (peel)	Shimokaziro, Onahama, Iwaki	Apr-24	OR	Cs137	0.17	±	0.06	0.17	Cs137	0.12
				Cs134	—	±	—		Cs134	0.12
Loquat flowers (fruit thinning)	Izumigaoka, Iwaki	Mar-24	OR	Cs137	5.7	±	0.1	5.7	Cs137	0.2
				Cs134	—	±	—		Cs134	0.2
Sea bass	Hisanohama Port/ Iwaki	Mar-24	OR	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	0.2
				Cs134	—	±	—		Cs134	0.2
White rockfish (five fish)	Sendai Port/ Miyagi	Apr-24	OR	Cs137	0.38	±	0.05	0.38	Cs137	0.10
				Cs134	—	±	—		Cs134	0.09

※"_"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.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
				Cs137	Cs134	±	±		Cs137	Cs134
Nameko mushroom	Koriyama, Fukushima	Feb-24	CA	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	0.07 Bq/kg raw
Log for growing shitake mushroom (dried)	Taira, Iwaki	Apr-24	OR	Cs137	102.5 Bq/kg raw	±	4.2 Bq/kg raw	102.5	Cs137	2.5 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.5 Bq/kg raw
Egg	Hanawa, Higashishirakawa, Fukushima	Apr-24	OR	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.05 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.05 Bq/kg raw
Milk	Taira, Iwaki	Apr-24	OR	Cs137	0.06 Bq/kg raw	±	0.02 Bq/kg raw	0.06	Cs137	0.05 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.05 Bq/kg raw
Milk	Motomiya, Fukushima	Apr-24	OR	Cs137	0.31 Bq/kg raw	±	0.03 Bq/kg raw	0.31	Cs137	0.09 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.08 Bq/kg raw
Milk	Fukushima Pref.	Apr-24	OR	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.05 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.05 Bq/kg raw
Sea water (surface)	Tomioka Port/ Fukushima Pref.	Mar-24	OR	Cs137	0.063 Bq/L	±	0.0012 Bq/L	0.064	Cs137	0.001 Bq/L
				Cs134	0.001 Bq/L	±	0.0006 Bq/L		Cs134	0.001 Bq/L
Sea water (suspension)	Tomioka Port/ Fukushima Pref.	Mar-24	CA	Cs137	— Bq/L	±	— Bq/L	Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	±	— Bq/L		Cs134	0.001 Bq/L
Moss	Kiyokawa, Aikou, Kanagawa	Mar-24	CA	Cs137	7.0 Bq/kg dry	±	0.6 Bq/kg dry	7.0	Cs137	1.1 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.0 Bq/kg dry
Moss	Kiyokawa, Aikou, Kanagawa	Mar-24	OR	Cs137	385.1 Bq/kg dry	±	3.8 Bq/kg dry	389.2	Cs137	3.2 Bq/kg dry
				Cs134	4.1 Bq/kg dry	±	1.6 Bq/kg dry		Cs134	3.3 Bq/kg dry
Soil	Kiyokawa, Aikou, Kanagawa	Mar-24	OR	Cs137	42.7 Bq/kg dry	±	0.4 Bq/kg dry	43.5	Cs137	0.3 Bq/kg dry
				Cs134	0.8 Bq/kg dry	±	0.1 Bq/kg dry		Cs134	0.3 Bq/kg dry
Soil	Kiyokawa, Aikou, Kanagawa	Mar-24	CA	Cs137	28.3 Bq/kg dry	±	0.6 Bq/kg dry	28.3	Cs137	0.6 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.6 Bq/kg dry
Soil	Muko, Kyoto	Mar-24	OR	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.7 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.8 Bq/kg dry
Soil	Along the Katsurairiver/ Ukyo, Kyoto	Mar-24	CA	Cs137	3.7 Bq/kg dry	±	0.4 Bq/kg dry	3.7	Cs137	0.8 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.7 Bq/kg dry
Soil	Honcyo, Nakano, Tokyo	Apr-24	CA	Cs137	7.9 Bq/kg dry	±	0.4 Bq/kg dry	7.9	Cs137	0.6 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.5 Bq/kg dry
Ash(wood)	Uda, Tomioka, Gunma	Apr-24	OR	Cs137	182.0 Bq/kg dry	±	0.7 Bq/kg dry	184.8	Cs137	0.3 Bq/kg dry
				Cs134	2.8 Bq/kg dry	±	0.1 Bq/kg dry		Cs134	0.2 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.

★Beta-ray

Measuring instrument		Feature
Liquid Scintillation Counter		
Product of Hidex HIDEX 300SLL	Product of PerkinElmer Japan Quantulus GCT 6220	Equipment for measuring low-energy beta-ray emission nuclides
		Measuring nuclide Strontium90 Half-life 30 years Organically bound 3H Half-life 12.3 years Free-water 3H Half-life 12.3 years All samples are measured in liquid condition after several days of pretreatment.

(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	
				Bq/L	±	—	Bq/L		Bq/L
Flounder	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.35 Bq/L
Flounder	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.35 Bq/L
Sea water C (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04 Bq/L
Sea water C (lower)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04 Bq/L
Sea waterD (surface)	Fukushima Daiichi Nuclear Power Station Offing	May-23	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04 Bq/L
Sea water D (lower)	Fukushima daiichi nuclear power station Offing	May-23	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04 Bq/L
Sea water (surface)	Tomioaka Port/ Fukushima Pref.	May-23	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04 Bq/L
Sea water (surface)	Hamaichi Coast/ Miyagi Pref.	Jul-23	T (free)	0.14	Bq/L	±	0.04	Bq/L	0.04 Bq/L
Sea water (surface)	Sendaishin Port/ Miyagi Pref.	Jul-23	T (free)	0.09	Bq/L	±	0.04	Bq/L	0.04 Bq/L
Sea water B (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	Sr90	0.0005	Bq/L	±	0.0003	Bq/L	0.0004 Bq/L
Sea water C (surface)	Fukushima daiichi nuclear power station Offing	Mar-24	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	— Bq/L
Sea water C (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	Sr90	0.0009	Bq/L	±	0.0003	Bq/L	0.0005 Bq/L
Sea water D (surface)	Fukushima daiichi nuclear power station Offing	Mar-24	Sr90	0.0011	Bq/L	±	0.0002	Bq/L	0.0003 Bq/L
Sea water D (lower)	Fukushima daiichi nuclear power station Offing	Mar-24	Sr90	0.0014	Bq/L	±	0.0003	Bq/L	0.0005 Bq/L
Sea water (surface)	Tomioaka Port/ Fukushima Pref.	Mar-24	Sr90	0.0014	Bq/L	±	0.0004	Bq/L	0.0006 Bq/L
Sea bottom soil A (surface)	Tokyo Bay/ Kanagawa Pref.	Nov-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.68 Bq/kg dry
Sea bottom soil B (surface)	Tokyo Bay/ Kanagawa Pref.	Nov-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.75 Bq/kg dry

Measurement results of 16 items by germanium semiconductor detector

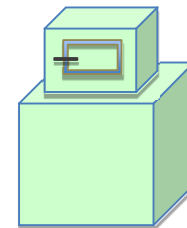
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

In order to convey more measurement results to everyone, we have asked Dr. Tetsuji Imanaka of the Institute of Advanced Nuclear Science, Kyoto University, to measure low-dose samples using germanium semiconductor detectors. Measurement samples are not only from Fukushima Prefecture but also come from other prefectures. Please compare data based on measurements from various regions and use them to protect your children from radiation exposure.

★Gamma-ray

Measuring instrument : Germanium Semiconductor detector

- Product of CANBERRA(CA),USA GX3018 Relative efficiency 30% or more
- Product of ORTEC(OR),USA GMX25-70 Relative efficiency 35%



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

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Rice	Tomioka, Futaba, Fukushima	Oct-23	CA	Cs137	1.3 Bq/kg raw	± 0.1 Bq/kg raw	1.3	Cs137	0.03 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Grated yam	Hirono, Futaba, Fukushima	Jan-24	OR	Cs137	0.15 Bq/kg raw	± 0.04 Bq/kg raw	0.15	Cs137	0.03 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Yacon	Hirono, Futaba, Fukushima	Jan-24	OR	Cs137	1.1 Bq/kg raw	± 0.06 Bq/kg raw	1.1	Cs137	0.03 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Turnip	Nemie, Futaba, Fukushima	Jan-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.03 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Cabbage	Minamisoma, Fukushima	Jan-24	OR	Cs137	0.05 Bq/kg raw	± 0.02 Bq/kg raw	0.05	Cs137	0.03 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Broccoli	Soma, Fukushima	Jan-24	OR	Cs137	0.07 Bq/kg raw	± 0.04 Bq/kg raw	0.07	Cs137	0.03 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Garland chrysanthemum	Soma, Fukushima	Jan-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Tsubomina	Hirono, Futaba, Fukushima	Jan-24	CA	Cs137	0.05 Bq/kg raw	± 0.02 Bq/kg raw	0.05	Cs137	0.06 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Common iceplant	Hirono, Futaba, Fukushima	Jan-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.06 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Sea bass	Haragama Port/ Haragama, Soma, Fukushima	Feb-24	OR	Cs137	3.1 Bq/kg raw	± 0.09 Bq/kg raw	3.1	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Mandarin orange	Hirono, Futaba, Fukushima	Jan-24	CA	Cs137	0.04 Bq/kg raw	± 0.02 Bq/kg raw	0.04	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Kumquat	Hirono, Futaba, Fukushima	Jan-24	OR	Cs137	0.32 Bq/kg raw	± 0.07 Bq/kg raw	0.32	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Kiwi fruit	Kawauchi, Futaba, Fukushima	Jan-24	CA	Cs137	0.08 Bq/kg raw	± 0.03 Bq/kg raw	0.08	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Green soybean	Kathurao, Futaba, Fukushima	Jan-24	OR	Cs137	2.6 Bq/kg raw	± 0.2 Bq/kg raw	2.6	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Nameko mushroom	Fukushima Pref.	Jan-24	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				
Shiitake mushroom	Higashishirakawa, Fukushima	Jan-24	CA	Cs137	0.32 Bq/kg raw	± 0.05 Bq/kg raw	0.32	Cs137	0.07 Bq/kg raw	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw				