



Radiation Measurement Results of 111 Items in October



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	• Gamma-ray spectrometer with Na I scintillation detector.	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	
Soil (in the park)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	511.0 Bq/kg dry	±	53.0 Bq/kg dry	518.1	Cs137	2.6 Bq/kg dry
			Cs134	7.1 Bq/kg dry	±	1.3 Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil (slide)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	443.0 Bq/kg dry	±	46.0 Bq/kg dry	448.9	Cs137	2.3 Bq/kg dry
			Cs134	5.9 Bq/kg dry	±	1.1 Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil (bench2)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	305.0 Bq/kg dry	±	31.3 Bq/kg dry	309.2	Cs137	1.2 Bq/kg dry
			Cs134	4.2 Bq/kg dry	±	0.7 Bq/kg dry		Cs134	1.2 Bq/kg dry
Soil (playground equipment)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	262.0 Bq/kg dry	±	27.8 Bq/kg dry	262.0	Cs137	3.8 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil (horizontal bar)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	215.0 Bq/kg dry	±	22.9 Bq/kg dry	215.0	Cs137	3.3 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil (in the park)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	109.0 Bq/kg dry	±	12.0 Bq/kg dry	109.0	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil (swing)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	100.0 Bq/kg dry	±	10.6 Bq/kg dry	100.0	Cs137	1.5 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.1 Bq/kg dry
Soil (in the park)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	52.6 Bq/kg dry	±	5.6 Bq/kg dry	52.6	Cs137	1.1 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.1 Bq/kg dry
Soil (in the park)	Simofunao No2 Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	24.0 Bq/kg dry	±	2.6 Bq/kg dry	24.0	Cs137	0.9 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.9 Bq/kg dry
Soil (in the park)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	476.0 Bq/kg dry	±	49.6 Bq/kg dry	482.4	Cs137	2.5 Bq/kg dry
			Cs134	6.4 Bq/kg dry	±	1.2 Bq/kg dry		Cs134	2.5 Bq/kg dry
Soil (in the park)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	308.0 Bq/kg dry	±	32.4 Bq/kg dry	308.0	Cs137	4.0 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil (in the park)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	261.0 Bq/kg dry	±	27.6 Bq/kg dry	261.0	Cs137	3.7 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil (in the park)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	254.0 Bq/kg dry	±	26.9 Bq/kg dry	254.0	Cs137	3.6 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil (bench)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	233.0 Bq/kg dry	±	24.8 Bq/kg dry	233.0	Cs137	3.6 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil (swing)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	189.0 Bq/kg dry	±	20.1 Bq/kg dry	189.0	Cs137	3.0 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.2 Bq/kg dry
Soil (slide)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	166.0 Bq/kg dry	±	17.7 Bq/kg dry	166.0	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.3 Bq/kg dry

But it does not necessarily mean 0(zero)Bq/kg.

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Soil (in the park)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	139.0 Bq/kg dry	± 14.6 Bq/kg dry	139.0	Cs137	1.6 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil (bench)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	99.9 Bq/kg dry	± 10.6 Bq/kg dry	99.9	Cs137	1.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil (under the basketball goal)	Furuuchi Park, Jyobanshimofunao, Iwaki	Jul-25	Cs137	44.3 Bq/kg dry	± 4.7 Bq/kg dry	44.3	Cs137	0.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.9 Bq/kg dry	
Soil (in the park)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	623.0 Bq/kg dry	± 63.3 Bq/kg dry	624.7	Cs137	1.4 Bq/kg dry	
			Cs134	1.7 Bq/kg dry	± 0.5 Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil (in the park)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	470.0 Bq/kg dry	± 48.8 Bq/kg dry	473.7	Cs137	2.3 Bq/kg dry	
			Cs134	3.7 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	2.4 Bq/kg dry	
Soil (Wisteria pergola)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	464.0 Bq/kg dry	± 47.2 Bq/kg dry	469.9	Cs137	1.0 Bq/kg dry	
			Cs134	5.9 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	0.9 Bq/kg dry	
Soil (horizontal bar)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	316.0 Bq/kg dry	± 33.2 Bq/kg dry	319.7	Cs137	2.0 Bq/kg dry	
			Cs134	3.7 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	2.0 Bq/kg dry	
Soil (in the park)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	151.0 Bq/kg dry	± 15.7 Bq/kg dry	151.0	Cs137	1.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.1 Bq/kg dry	
Soil (in the park)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	143.0 Bq/kg dry	± 15.4 Bq/kg dry	143.0	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.0 Bq/kg dry	
Soil (slide)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	73.0 Bq/kg dry	± 7.7 Bq/kg dry	73.0	Cs137	1.2 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.9 Bq/kg dry	
Soil (swing)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	69.0 Bq/kg dry	± 7.7 Bq/kg dry	69.0	Cs137	2.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil (Sandbox)	Mizunoya Park, Jyobanmizunoya, Iwaki	Jul-25	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.6 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.6 Bq/kg dry	

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	
Brown rice	Nakoso, Iwaki	Oct-25	OR	Cs137	0.72 Bq/kg raw	± 0.04 Bq/kg raw		0.72	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.08 Bq/kg raw
Brown rice	Nakoso, Iwaki	Oct-25	OR	Cs137	0.69 Bq/kg raw	± 0.04 Bq/kg raw		0.69	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.07 Bq/kg raw
Brown rice	Nakoso, Iwaki	Oct-25	OR	Cs137	0.51 Bq/kg raw	± 0.04 Bq/kg raw		0.51	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.07 Bq/kg raw
Brown rice	Nakoso, Iwaki	Oct-25	OR	Cs137	0.45 Bq/kg raw	± 0.04 Bq/kg raw		0.45	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.07 Bq/kg raw
Rice	Kakuta, Miyagi Pref.	Oct-25	CA	Cs137	0.19 Bq/kg raw	± 0.06 Bq/kg raw		0.19	Cs137	0.12 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.11 Bq/kg raw
Glutinous rice	Kakuta, Miyagi Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
Taro	Hirata-mura, Ishikawa Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Taro	Kakuta, Miyagi Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.1 Bq/kg raw
Sweet potato	Shimotakaku, Taira, Iwaki	Oct-25	OR	Cs137	1.01 Bq/kg raw	± 0.05 Bq/kg raw		1.01	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.07 Bq/kg raw
Sweet potato	Kakuta, Miyagi Pref.	Oct-25	OR	Cs137	0.4 Bq/kg raw	± 0.1 Bq/kg raw		0.4	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Pumpkin	Ibaragi Pref.	Aug-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Pumpkin	Hirata-mura, Ishikawa Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Pumpkin	Yonezawa, Yamagata Pref.	Aug-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.3 Bq/kg raw
Chestnut pumpkin	Marumori, Igu, Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Eggplant	Nishiki, Iwaki	Sep-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Eggplant	Minamisouma, Fukushima Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.2 Bq/kg raw
Chinese cabbage	Nagano Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.4 Bq/kg raw
Welsh onion	Yonezawa, Yamagata Pref.	Aug-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.3 Bq/kg raw
Burdock	Kakuta, Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw		Under Minimum Limit of Detection	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	0.4 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.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Malabar spinach	Marumori, Igu, Miyagi Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.2 Bq/kg raw
Cucumber	Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.2 Bq/kg raw
Okra	Yonezawa, Yamagata Pref.	Aug-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.2 Bq/kg raw
Green bean	Miyagi Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.3 Bq/kg raw
Bitter gourd	Natori, Miyagi Pref.	Sep-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Bitter gourd	Marumori, Igu, Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.3 Bq/kg raw
Qing-geng-cai	Ibaraki Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.3 Bq/kg raw
sunny lettuce	Iwate Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.5 Bq/kg raw
Celery	Shirakawa, Fukushima Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	2.6 Bq/kg raw
Moloheiya	Okinawa Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.5 Bq/kg raw
Myoga	Kakuta, Miyagi Pref.	Oct-25	OR	Cs137	0.4 Bq/kg raw	± 0.1 Bq/kg raw	— Bq/kg raw	0.4	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.4 Bq/kg raw
Myoga	Nagaoka, Niigata Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Challot	Ibaraki Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Chayote	Hirata, Ishikawa, Fukushima Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Wax gourd	Marumori, Igu, Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.2 Bq/kg raw
Perilla	Minamisouma, Fukushima Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	1.0 Bq/kg raw
Japanese white radish(leaf)	Marumori, Igu, Miyagi Pref.	Oct-25	CA	Cs137	0.12 Bq/kg raw	± 0.05 Bq/kg raw	— Bq/kg raw	0.12	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Perilla (seed)	Marumori, Igu, Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.4 Bq/kg raw
Rosemary (fresh)	Kakuta, Miyagi Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.9 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	3.6 Bq/kg raw
Chili pepper	Marumori, Igu, Miyagi Pref.	Oct-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Chestnut	Kakuta, Miyagi Pref.	Oct-25	CA	Cs137	1.03 Bq/kg raw	± 0.07 Bq/kg raw	— Bq/kg raw	1.03	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Shitake mushroom grown in bacteria-bed	Miyagi Pref.	Oct-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.3 Bq/kg raw
Manchurian wild rice	Fukushima Pref.	Oct-25	CA	Cs137	0.8 Bq/kg raw	± 0.09 Bq/kg raw	— Bq/kg raw	0.8	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	0.1 Bq/kg raw
Wood ear mushroom(dry)	Miyagi Pref.	Oct-25	CA	Cs137	9.5 Bq/kg raw	± 1.9 Bq/kg raw	— Bq/kg raw	9.5	Cs137	3.8 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw	— Bq/kg raw		Cs134	3.6 Bq/kg raw

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			
Butterbur	Minamisouma, Fukushima Pref.	Oct-25	CA	Cs137	0.6	Bq/kg raw	±	0.08	Bq/kg raw	0.6	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Udo	Ibaraki Pref.	Oct-25	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Boiled Warabi (Bracken)	Nagai, Yamagata Pref.	Aug-25	OR	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
Boild Zenmai	Nagai, Yamagata Pref.	Aug-25	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	0.10	Bq/kg raw
Yuzu	Iwaki City	Oct-25	OR	Cs137	0.2	Bq/kg raw	±	0.09	Bq/kg raw	0.2	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Persimmon	Souma, Fukushima Pref.	Oct-25	OR	Cs137	1.2	Bq/kg raw	±	0.1	Bq/kg raw	1.2	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Persimmon	Kakuta, Miyagi Pref.	Oct-25	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Apple	Nagano Pref.	Oct-25	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Fig	Hirata, Ishikawa, Fukushima Pref.	Oct-25	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Fig	Fukushima Pref.	Oct-25	CA	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
Papaya	Shinchi, Souma, Fukushima Pref.	Oct-25	OR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Lemon	Kouchi Pref.	Sep-25	CA	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Sudachi citrus fruit	Marumori, Igu, Miyagi Pref.	Oct-25	CA	Cs137	0.2	Bq/kg raw	±	0.05	Bq/kg raw	0.2	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Raw peanut	Minamisouma, Fukushima Pref.	Oct-25	OR	Cs137	1.1	Bq/kg raw	±	0.4	Bq/kg raw	1.1	Cs137	0.8	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.9	Bq/kg raw
Raw peanut	Marumori, Igu, Miyagi Pref.	Oct-25	CA	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
Milk	Japan (production)	Sep-25	OR	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.2	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.2	Bq/L
Natural Water	Japan (production)	Oct-25	OR	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.1	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.3	Bq/L
Soil(in the park)	Mizunoya Park Jouban, Mizunoya, Iwaki	Jul-25	OR	Cs137	708.0	Bq/kg dry	±	2.9	Bq/kg dry	717.4	Cs137	0.9	Bq/kg dry
				Cs134	9.4	Bq/kg dry	±	0.5	Bq/kg dry		Cs134	0.9	Bq/kg dry
Soil(in the park)	Mizunoya Park Jouban, Mizunoya, Iwaki	Jul-25	CA	Cs137	329.1	Bq/kg dry	±	1.8	Bq/kg dry	333.3	Cs137	0.7	Bq/kg dry
				Cs134	4.2	Bq/kg dry	±	0.3	Bq/kg dry		Cs134	0.8	Bq/kg dry
Soil(in the park)	Mizunoya Park Jouban, Mizunoya, Iwaki	Jul-25	CA	Cs137	314.0	Bq/kg dry	±	1.8	Bq/kg dry	318.0	Cs137	0.7	Bq/kg dry
				Cs134	4.0	Bq/kg dry	±	0.4	Bq/kg dry		Cs134	0.8	Bq/kg dry
Soil(in the park)	Sekifune No2 Park, Jyoubanshimofunao, Iwaki	Jul-25	CA	Cs137	367.2	Bq/kg dry	±	1.8	Bq/kg dry	371.7	Cs137	0.6	Bq/kg dry
				Cs134	4.5	Bq/kg dry	±	0.2	Bq/kg dry		Cs134	0.7	Bq/kg dry
Moss	Nagaoka, Niigata Pref.	Oct-25	OR	Cs137	1.0	Bq/kg dry	±	0.07	Bq/kg dry	1.0	Cs137	0.1	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.1	Bq/kg dry

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 Organic bound tritium Half-life 12.3 years Free-water tritium 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	
White rockfish (4fish)	Off the coast of Fukushima Nuclear Power Plant1	Jul-25	T(Organic bound)	Under Minimum Limit of Detection Bq/kg raw	± - Bq/L		0.06 Bq/kg raw	
Olive flounder	Sendai Bay/ Miyagi Pref.	Sep-25	T(Tissue free water)	Under Minimum Limit of Detection Bq/L	± - Bq/L		0.37 Bq/L	
Irrigation canal Water	Wajima, Ishikawa Pref.	Nov-22	T(free)	0.19 Bq/L	± 0.05 Bq/L		0.04 Bq/L	
Sea water (surface)	Souma Port/ Fukushima Pref.	Jun-25	T(free)	0.24 Bq/L	± 0.05 Bq/L		0.04 Bq/L	
Sea water (surface)	Murakami Coast/ Fukushima Pref.	Jun-25	T(free)	0.23 Bq/L	± 0.05 Bq/L		0.04 Bq/L	
Sea water (surface)	Ukeda Port/ Fukushima Pref.	Jun-25	T(free)	0.25 Bq/L	± 0.05 Bq/L		0.04 Bq/L	
Sea water (surface)	Hamadaiki Fishing Port/ Hokkaido	Jun-25	T(free)	Under Minimum Limit of Detection Bq/L	± - Bq/L		0.08 Bq/L	
Sea water (surface)	Yoriki Port/ Miyagi Pref.	Jul-25	T(free)	0.18 Bq/L	± 0.05 Bq/L		0.05 Bq/L	
Sea water (surface)	Daiba/ Minato-ku Tokyo	Jun-22	T(free)	0.10 Bq/L	± 0.08 Bq/L		0.08 Bq/L	
Sea water (surface)	Yuigahama Coast/ Kanagawa Pref.	Jun-22	T(free)	0.11 Bq/L	± 0.08 Bq/L		0.08 Bq/L	
Sea water (surface)	Uraga Bay/ Kanagawa Pref.	Jul-22	T(free)	Under Minimum Limit of Detection Bq/L	± - Bq/L		0.08 Bq/L	
Sea water (surface)	Sunatori Port/ Chiba Pref.	Jun-22	T(free)	Under Minimum Limit of Detection Bq/L	± - Bq/L		0.08 Bq/L	
Sea water (surface)	Fujikawa Coast/ Shizuoka Pref.	Jun-22	T(free)	Under Minimum Limit of Detection Bq/L	± - Bq/L		0.08 Bq/L	
Sea water (surface)	Ohno Beach/ Aichi Pref.	Jun-22	T(free)	Under Minimum Limit of Detection Bq/L	± - Bq/L		0.08 Bq/L	
Sea water (surface)	Onotsuzaki Coast/ Wakayama Pref.	Jun-22	T(free)	Under Minimum Limit of Detection Bq/L	± - Bq/kg dry		0.08 Bq/L	
Soil (under the play equipment)	Suganosaku Park, Cyoudai, Kashima. Iwaki	Jun-22	Sr90	Under Minimum Limit of Detection Bq/kg dry	± - Bq/kg dry		1.33 Bq/kg dry	
Sea waterB (surface)	Off the Abukuma river mouth/ Miyagi Pref.	Sep-25	Sr90	0.0008 Bq/L	± 0.0002 Bq/L		0.0004 Bq/L	
Sea water B (lower)	Off the Abukuma river mouth/ Miyagi Pref.	Sep-25	Sr90	0.0008 Bq/L	± 0.0003 Bq/L		0.0004 Bq/L	

Measurement results of 16 items by germanium semiconductor detector

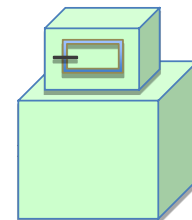
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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
- Product of ORTEC (OR), USA GMX25-70 Relative efficiency 35%

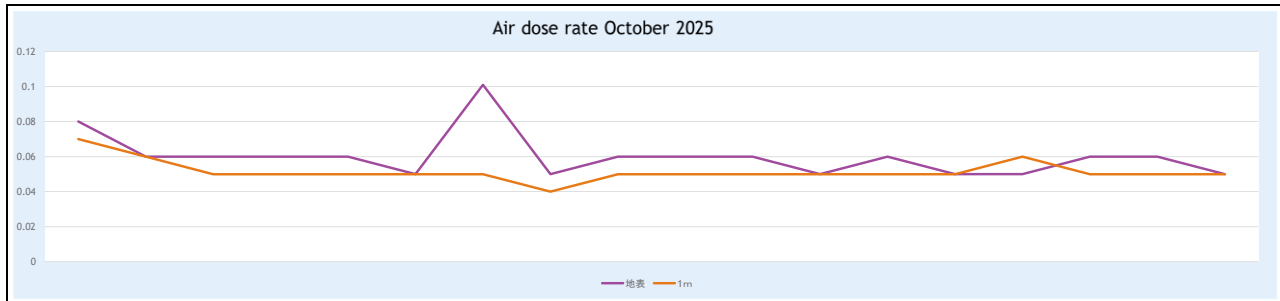


(Bq/kg raw: Weight of raw sample Bq/kg dry: Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection	
Bitter gourd	Ibaraki Pref.	Aug-25	OR	Cs137	0.49 Bq/kg raw	± 0.04 Bq/kg raw	0.49	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Myoga	Fukushima Pref.	Aug-25	CA	Cs137	1.3 Bq/kg raw	± 0.1 Bq/kg raw	1.3	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Green soybean	Takahata, Higashio kitama, Yamagata Pref.	Aug-25	OR	Cs137	0.92 Bq/kg raw	± 0.26 Bq/kg raw	0.92	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Basil	Takahata, Higashio kitama, Yamagata Pref.	Aug-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Gyoja greens	Nagai, Yamagata Pref.	Aug-25	OR	Cs137	0.15 Bq/kg raw	± 0.05 Bq/kg raw	0.15	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Chili pepper	Yonezawa, Yamagata Pref.	Aug-25	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Artichoke	Fukushima, Fukushima Pref.	Jun-25	CA	Cs137	0.36 Bq/kg raw	± 0.07 Bq/kg raw	0.36	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Peach	Fukushima Pref.	Aug-25	OR	Cs137	0.12 Bq/kg raw	± 0.04 Bq/kg raw	0.12	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Trout	Inawashiro Lake/ Fukushima Pref.	Aug-25	OR	Cs137	0.3 Bq/kg raw	± 0.05 Bq/kg raw	0.3	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Wood ear mushroom (raw)	Yonezawa, Yamagata Pref.	Aug-25	CA	Cs137	1.1 Bq/kg raw	± 0.12 Bq/kg raw	1.1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Sizuoka Pref.	Jul-25	OR	Cs137	1.1 Bq/kg raw	± 0.13 Bq/kg raw	1.1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Shimeji mushroom	Niigata Pref.	Aug-25	CA	Cs137	0.1 Bq/kg raw	± 0.03 Bq/kg raw	0.1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Shimeji mushroom	Ibaraki Pref.	Aug-25	CA	Cs137	1.3 Bq/kg raw	± 0.07 Bq/kg raw	1.3	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Maitake mushroom	Niigata Pref.	Aug-25	CA	Cs137	0.47 Bq/kg raw	± 0.07 Bq/kg raw	0.47	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Houttuynia Cordata leaf	Nanyou, Yamagata Pref.	Aug-25	OR	Cs137	7.1 Bq/kg raw	± 2.3 Bq/kg raw	7.1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Rice flour	Yonezawa, Yamagata Pref.	Jun-25	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw

Air dose rate October 2025

Measuring Instrument		Measuring Place
CsI Scintillation survey meter	NaI Scintillation survey meter	Yokocho Park, Onahama, Iwaki, Fukushima
⑧HITACHI ALOKA TCS-1172	⑦HORIBA Radi PA-1100	
		
Feature: Measuring air (space) radiation dose and radioactive surface contamination of human body and other things.		



Measuring Instrument		HORIBA Radi	
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2025/10/1	☔	0.088	0.075
2025/10/2	☀	0.064	0.061
2025/10/3	☁	0.064	0.053
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2025/10/6	☁	0.062	0.053
2025/10/7	☔/☁	0.064	0.056
2025/10/8	☀	0.057	0.053
2025/10/9	☁	0.101	0.057
2025/10/10	☀	0.059	0.048
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2025/10/14	☁	0.067	0.055
2025/10/15	☁	0.063	0.055
2025/10/16	☔/☁	0.067	0.057
2025/10/17	☀	0.057	0.053
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2025/10/20	☔	0.068	0.058
2025/10/21	☁	0.051	0.056
2025/10/22	☁	0.059	0.063
2025/10/23	☀	0.063	0.056
2025/10/24	☀	0.061	0.053
Measuring Date	Weather	Near the surface of the ground	1m above the ground (μSv/h)
2025/10/27	☀	0.059	0.055
2025/10/28	☀	0.059	0.051
2025/10/29	☀	0.064	0.050
2025/10/30	☀	0.063	0.055
2025/10/31			