



Radiation Measurement Results of 157 Items in January





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		
			Cs137	Cs134	±	—		Cs137	Cs134	2.6
Rice flour	motomiya, Fukushima	Oct-23	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.6	Bq/kg row
			Cs134	—	±	—		Cs134	2.3	Bq/kg row
Sweet potato	Ibaraki Pref.	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg row
			Cs134	—	±	—		Cs134	1.8	Bq/kg row
Sweet potato	Kawauchi, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg row
			Cs134	—	±	—		Cs134	1.5	Bq/kg row
Yacon	Namie, Futaba, Fukushima	Jan-24	Cs137	3.6	±	1.6	3.6	Cs137	2.3	Bq/kg row
			Cs134	—	±	—		Cs134	2.1	Bq/kg row
Yacon	Hirono, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg row
			Cs134	—	±	—		Cs134	1.4	Bq/kg row
Taro	Tomioka, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg row
			Cs134	—	±	—		Cs134	1.9	Bq/kg row
Taro	Saitama Pref.	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg row
			Cs134	—	±	—		Cs134	1.0	Bq/kg row
Yam	Tomioka, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.8	Bq/kg row
			Cs134	—	±	—		Cs134	2.3	Bq/kg row
Carrot	Naraha, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg row
			Cs134	—	±	—		Cs134	1.6	Bq/kg row
Carrot	Kawauchi, Futaba Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg row
			Cs134	—	±	—		Cs134	1.6	Bq/kg row
Carrot	Chibab Pref.	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg row
			Cs134	—	±	—		Cs134	1.5	Bq/kg row
Japanese white radish	Hirono, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg row
			Cs134	—	±	—		Cs134	1.5	Bq/kg row
Japanese white radish	Naraha, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg row
			Cs134	—	±	—		Cs134	1.9	Bq/kg row
Japanese white radish	Kawauchi, Futaba Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg row
			Cs134	—	±	—		Cs134	1.4	Bq/kg row
Japanese white radish	Ibaraki Pref.	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg row
			Cs134	—	±	—		Cs134	1.8	Bq/kg row
Turnip	Namie, Futaba, Fukushima	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg row
			Cs134	—	±	—		Cs134	1.6	Bq/kg row
Turnip	Fukushima Pref.	Jan-24	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg row
			Cs134	—	±	—		Cs134	1.2	Bq/kg row

※"—" 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.	Jan-24	Cs137	1.8	Bq/kg raw	± 1.2	Bq/kgL	1.8	Cs137	1.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.1	Bq/kg raw
Onion	Hokkaido Pref.	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.5	Bq/kg raw
Welsh onion	Minamisoma, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.1	Bq/kg raw
Welsh onion	Fukushima Pref.	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.1	Bq/kg raw
Cabbage	Minamisoma, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.8	Bq/kg raw
Cabbage	Chiba Pref.	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.7	Bq/kg raw
Chinese cabbage	Ibaraki Pref.	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.5	Bq/kg raw
Chinese cabbage	Okuma, Futaba, Fukushima	Jan-24	Cs137	4.6	Bq/kg raw	± 1.7	Bq/kgL	4.6	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.2	Bq/kg raw
Wax gourd	Tomiooka, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.8	Bq/kg raw
Broccoli	Hirono, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	2.5	Bq/kg raw
Broccoli	Soma, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	2.5	Bq/kg raw
Broccoli	Fukushima Pref.	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	2.3	Bq/kg raw
Garland chrysanthemum	Soma, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.6	Bq/kg raw
Kale	Namie, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.2	Bq/kg raw
Tsubomina	Hirono, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	3.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	3.1	Bq/kg raw
Chijimina	Namie, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	2.2	Bq/kg raw
Mandarin orange	Hirono, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.0	Bq/kg raw
Kumquat	Hirono, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.1	Bq/kg raw
Kiwi fruit	Kawauchi, Futaba, Fukushima	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.1	Bq/kg raw
Red Bean	Namie, Futaba, Fukushima	Jan-24	Cs137	13.9	Bq/kg raw	± 2.1	Bq/kgL	13.9	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.0	Bq/kg raw
Green bean	Tomiooka, Futaba, Fukushima	Jan-24	Cs137	4.8	Bq/kg raw	± 2.0	Bq/kgL	4.8	Cs137	2.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	2.7	Bq/kg raw
Green soybean	Yamagata Pref.	Oct-23	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.3	Bq/kg raw
Roasted soybean flour	Hokkaido Pref.	Oct-23	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	2.1	Bq/kg raw
Nameko mushroom	Fukushima Pref.	Jan-24	Cs137	—	Bq/kg raw	±	Bq/kgL	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	Bq/kgL		Cs134	1.0	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	
Shitake mushroom grown in bacteria-bed	Higashishirakawa, District, Fukushima	Jan-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
Shitake mushroom grown in bacteria-bed	Katsurao, Futaba, Fukushima	Jan-24	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.3 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	2.9 Bq/kg raw
Mushroom(pickled in soy sauce)	Tadami, Minamiaizu, Fukushima	Nov-23	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	1.2 Bq/kg raw
Raw koji	Koriyama, Fukushima	Oct-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.0 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	2.4 Bq/kg raw
Oatmeal	Poland	Sep-23	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
Soil (in the park)	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	183.0 Bq/kg dry	± 18.9 Bq/kg dry	186.8	Cs137	1.0 Bq/kg dry	
			Cs134	3.8 Bq/kg dry	± 0.6 Bq/kg dry			Cs134	1.2 Bq/kg dry
Soil (in the park)	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	489.0 Bq/kg dry	± 49.9 Bq/kg dry	497.4	Cs137	1.2 Bq/kg dry	
			Cs134	8.4 Bq/kg dry	± 1.1 Bq/kg dry			Cs134	1.3 Bq/kg dry
Soil (in the park)	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	726.0 Bq/kg dry	± 73.7 Bq/kg dry	736.8	Cs137	1.3 Bq/kg dry	
			Cs134	10.8 Bq/kg dry	± 1.4 Bq/kg dry			Cs134	1.4 Bq/kg dry
Soil (in the park)	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	10.7 Bq/kg dry	± 1.3 Bq/kg dry	10.7	Cs137	1.2 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	1.4 Bq/kg dry
Soil(in the park) under the swing	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	406.0 Bq/kg dry	± 42.4 Bq/kg dry	414.9	Cs137	2.1 Bq/kg dry	
			Cs134	8.9 Bq/kg dry	± 1.5 Bq/kg dry			Cs134	2.5 Bq/kg dry
Soil(in the park) at the steps of a slide	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	34.0 Bq/kg dry	± 3.9 Bq/kg dry	34.0	Cs137	1.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	2.0 Bq/kg dry
Soil(in the park) At the steps of a slide	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	37.0 Bq/kg dry	± 4.3 Bq/kg dry	37.0	Cs137	1.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	2.1 Bq/kg dry
Soil(in the park) under the bench②	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	373.0 Bq/kg dry	± 39.4 Bq/kg dry	380.6	Cs137	2.6 Bq/kg dry	
			Cs134	7.6 Bq/kg dry	± 1.5 Bq/kg dry			Cs134	3.0 Bq/kg dry
Soil(in the park) under the bench③	Gotanda children's playground Jobankamiyunagaya, Iwaki	Nov-23	Cs137	85.4 Bq/kg dry	± 9.5 Bq/kg dry	85.4	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	2.4 Bq/kg dry
Soil (in the park)	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	224.0 Bq/kg dry	± 24.0 Bq/kg dry	228.0	Cs137	1.9 Bq/kg dry	
			Cs134	4.0 Bq/kg dry	± 0.8 Bq/kg dry			Cs134	2.5 Bq/kg dry
Soil (in the park)	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	117.0 Bq/kg dry	± 12.6 Bq/kg dry	117.0	Cs137	2.4 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	2.3 Bq/kg dry
Soil (in the park)	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	280.0 Bq/kg dry	± 28.9 Bq/kg dry	285.0	Cs137	1.2 Bq/kg dry	
			Cs134	5.0 Bq/kg dry	± 0.8 Bq/kg dry			Cs134	1.5 Bq/kg dry
Soil (in the park)	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	333.0 Bq/kg dry	± 34.1 Bq/kg dry	339.1	Cs137	1.2 Bq/kg dry	
			Cs134	6.1 Bq/kg dry	± 0.9 Bq/kg dry			Cs134	1.4 Bq/kg dry
Soil (in the park)	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	68.4 Bq/kg dry	± 7.3 Bq/kg dry	68.4	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 swing	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	148.0 Bq/kg dry	± 15.9 Bq/kg dry	148.0	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	2.5 Bq/kg dry
Soil(in the park) under the horizontal bar	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	138.0 Bq/kg dry	± 14.8 Bq/kg dry	138.0	Cs137	2.5 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	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	1.8 Bq/kg dry
Soil(in the park) under the bench	Tanbanuma children's playground Onahamayamanokamikita, Iwaki	Dec-23	Cs137	49.4 Bq/kg dry	± 5.3 Bq/kg dry	49.4	Cs137	1.2 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry			Cs134	1.2 Bq/kg dry
Soil (in the park)	Amitori Park Onahamashimokajiro, Iwaki	Dec-23	Cs137	706.0 Bq/kg dry	± 72.2 Bq/kg dry	719.8	Cs137	1.7 Bq/kg dry	
			Cs134	13.8 Bq/kg dry	± 1.8 Bq/kg dry			Cs134	1.8 Bq/kg dry

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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		
Soil (in the park)	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	814.0	Bq/kg dry	± 82.7	829.9	Cs137	1.7	Bq/kg dry
			Cs134	15.9	Bq/kg dry	± 2.0		Cs134	1.3	Bq/kg dry
Soil (in the park)	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	312.0	Bq/kg dry	± 33.2	318.0	Cs137	2.8	Bq/kg dry
			Cs134	6.0	Bq/kg dry	± 1.4		Cs134	3.6	Bq/kg dry
Soil (in the park)	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	308.0	Bq/kg dry	± 31.8	313.1	Cs137	1.4	Bq/kg dry
			Cs134	5.1	Bq/kg dry	± 0.9		Cs134	1.8	Bq/kg dry
Soil (in the park)	Amitori Park Onahamashimokajiro Iwaki	Dec-23	Cs137	144.0	Bq/kg dry	± 15.5	144.0	Cs137	2.8	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.6	Bq/kg dry
Soil(in the park) at the steps of a slide	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	136.0	Bq/kg dry	± 14.2	138.9	Cs137	0.9	Bq/kg dry
			Cs134	2.9	Bq/kg dry	± 0.5		Cs134	1.1	Bq/kg dry
Soil(in the park) under the horizontal bar	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	96.6	Bq/kg dry	± 10.8	96.6	Cs137	2.9	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.7	Bq/kg dry
Soil(in the park) under the swing	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	246.0	Bq/kg dry	± 26.3	246.0	Cs137	4.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	3.9	Bq/kg dry
Soil(in the park) under the bench	Amitori Park Onahamashimokajiro , Iwaki	Dec-23	Cs137	222.0	Bq/kg dry	± 23.7	226.5	Cs137	2.0	Bq/kg dry
			Cs134	4.5	Bq/kg dry	± 1.0		Cs134	2.5	Bq/kg dry
Soil (in the park)	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	192.0	Bq/kg dry	± 19.8	194.8	Cs137	0.9	Bq/kg dry
			Cs134	2.8	Bq/kg dry	± 0.5		Cs134	1.2	Bq/kg dry
Soil (in the park)	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	227.0	Bq/kg dry	± 23.4	231.3	Cs137	1.0	Bq/kg dry
			Cs134	4.3	Bq/kg dry	± 0.7		Cs134	1.2	Bq/kg dry
Soil (in the park)	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	1020.0	Bq/kg dry	± 105.0	1039.3	Cs137	2.7	Bq/kg dry
			Cs134	19.3	Bq/kg dry	± 2.5		Cs134	3.0	Bq/kg dry
Soil (in the park)	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	604.0	Bq/kg dry	± 61.5	612.8	Cs137	1.3	Bq/kg dry
			Cs134	8.8	Bq/kg dry	± 1.2		Cs134	1.5	Bq/kg dry
Soil (in the park)	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	217.0	Bq/kg dry	± 22.9	222.3	Cs137	1.7	Bq/kg dry
			Cs134	5.3	Bq/kg dry	± 1.0		Cs134	2.2	Bq/kg dry
Soil(in the park) at the steps of a slide	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.9	Bq/kg dry
Soil(in the park) under the swing	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	583.0	Bq/kg dry	± 59.4	592.9	Cs137	1.3	Bq/kg dry
			Cs134	9.9	Bq/kg dry	± 1.3		Cs134	1.5	Bq/kg dry
Soil(in the park) under the bench	Heizozuka playground Onahamaheizouzuka, Iwaki	Dec-23	Cs137	330.0	Bq/kg dry	± 33.8	336.3	Cs137	1.1	Bq/kg dry
			Cs134	6.3	Bq/kg dry	± 0.9		Cs134	1.3	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

Measuring instrument		Feature	Guide to lower limit※
Germanium Semiconductor detector			
ORTEC GEM30-70	CANBERRA GC4020	<ul style="list-style-type: none"> 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	
Rice	Okuma, Futaba, Fukushima	Oct-23	CA	Cs137	4.4 Bq/kg raw	± 0.02	Bq/kg raw	4.4	Cs137	0.02 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.02 Bq/kg raw
Bran	Fukushima Pref.	Oct-23	OR	Cs137	3.3 Bq/kg raw	± 0.03	Bq/kg raw	3.34	Cs137	0.03 Bq/kg raw
				Cs134	0.04 Bq/kg raw	± 0.01	Bq/kg raw		Cs134	0.03 Bq/kg raw
Buckwheat flour	Iidate, somagun, Fukushima	Nov-23	OR	Cs137	1.9 Bq/kg raw	± 0.4	Bq/kg raw	1.9	Cs137	1.2 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	1.3 Bq/kg raw
Sweet potato	Izumigaoka, Iwaki, Fukushima	Nov-23	OR	Cs137	0.2 Bq/kg raw	± 0.10	Bq/kg raw	0.2	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.2 Bq/kg raw
Dried persimmon	Funehiki, Tamura, Fukushima	Dec-23	OR	Cs137	0.6 Bq/kg raw	± 0.20	Bq/kg raw	0.6	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.4 Bq/kg raw
Raw peanut	Funehiki, Tamura, Fukushima	Dec-23	CA	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 robin	Ukedo Port/ Fukushima Pref.	Jun-23	CA	Cs137	0.3 Bq/kg raw	± 0.1	Bq/kg raw	0.3	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.2 Bq/kg raw
Ocellate spot skate(ray)	Haragama Port/ Fukushima Pref.	Jun-23	CA	Cs137	0.2 Bq/kg raw	± 0.04	Bq/kg raw	0.2	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.08 Bq/kg raw
Yellowtail	Haragama Port/ Fukushima Pref.	Jun-23	OR	Cs137	0.1 Bq/kg raw	± 0.06	Bq/kg raw	0.1	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Cutlassfish	Haragama Port/ Fukushima Pref.	Dec-23	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
Spanish mackerel	Haragama Port/ Fukushima Pref.	Dec-23	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
Cuttlefish	Hisanohama Port/ Fukushima Pref.	Nov-23	OR	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.09 Bq/kg raw
Pacific rudderfish	Hisanohama Port/ Fukushima Pref.	Oct-23	OR	Cs137	0.1 Bq/kg raw	± 0.05	Bq/kg raw	0.1	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
John dory	Hisanohama Port/ Fukushima Pref.	Nov-23	OR	Cs137	0.3 Bq/kg raw	± 0.06	Bq/kg raw	0.3	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Barracuda	Hisanohama Port/ Fukushima Pref.	Nov-23	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
Japanese horse mackerel	Hisanohama Port/ Fukushima Pref.	Nov-23	OR	Cs137	0.3 Bq/kg raw	± 0.1	Bq/kg raw	0.3	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.2 Bq/kg raw
Slime flounder	Hokkaido Pref.	Dec-23	CA	Cs137	0.1 Bq/kg raw	± 0.06	Bq/kg raw	0.1	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Loquat flowers (On tree)	Izumigaoka, iwaki, Fukushima	Jan-24	OR	Cs137	3.0 Bq/kg raw	± 0.3	Bq/kg raw	3.0	Cs137	0.6 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.7 Bq/kg raw
Loquat flowers (Fallen)	Izumigaoka, iwaki, Fukushima	Jan-24	CA	Cs137	7.4 Bq/kg raw	± 0.9	Bq/kg raw	7.4	Cs137	1.6 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	1.5 Bq/kg raw
Sea water	Soma Port/ Fukushima Pref.	Dec-23	CA	Cs137	0.007 Bq/kg L	± 0.0006	Bq/kg L	0.007	Cs137	0.001 Bq/kg L
				Cs134	— Bq/kg L	± —	Bq/kg L		Cs134	0.001 Bq/kg 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.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection	
Sea water	Murakami Coast/ Fukushima	Dec-23	OR	Cs137	0.005 Bq/L	± 0.0005 Bq/L	0.005	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water	Ukedo Port/ Fukushima Pref.	Dec-23	CA	Cs137	0.009 Bq/L	± 0.0006 Bq/L	0.009	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water	Futaba Beach/ Fukushima	Dec-23	OR	Cs137	0.012 Bq/L	± 0.0006 Bq/L	0.012	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water	Kumagawa Estuary/ Fukushima	Dec-23	CA	Cs137	0.013 Bq/L	± 0.0007 Bq/L	0.013	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water	Iwasawa Beach/ Fukushima	Dec-23	CA	Cs137	0.006 Bq/L	± 0.0006 Bq/L	0.006	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water	Tomioka Port/ Fukushima Pref.	Dec-23	CA	Cs137	0.01 Bq/L	± 0.0007 Bq/L	0.010	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water	Onahama Port/ Fukushima Pref.	Dec-23	CA	Cs137	0.002 Bq/L	± 0.0005 Bq/L	0.002	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.002 Bq/L
Sea water (Suspended soil)	Soma Port/ Fukushima Pref.	Dec-23	OR	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
Sea water (Suspended soil)	Murakami Coast/ Fukushima	Dec-23	OR	Cs137	0.007 Bq/L	± 0.001 Bq/L	0.007	Cs137	0.003 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.004 Bq/L
Sea water (Suspended soil)	Ukedo Port/ Fukushima Pref.	Dec-23	CA	Cs137	0.003 Bq/L	± 0.001 Bq/L	0.003	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water (Suspended soil)	Futaba Beach/ Fukushima	Dec-23	OR	Cs137	0.02 Bq/L	± 0.0010 Bq/L	0.02	Cs137	0.7 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.7 Bq/L
Sea water (Suspended soil)	Kumagawa Estuary/ Fukushima	Dec-23	CA	Cs137	0.007 Bq/L	± 0.0006 Bq/L	0.007	Cs137	1.6 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	1.6 Bq/L
Sea water (Suspended soil)	Iwasawa Beach/ Fukushima	Dec-23	OR	Cs137	0.02 Bq/L	± 0.001 Bq/L	0.02	Cs137	0.2 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.2 Bq/L
Sea water (Suspended soil)	Tomioka Port/ Fukushima Pref.	Dec-23	OR	Cs137	0.013 Bq/L	± 0.0010 Bq/L	0.013	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L
Sea water (Suspended soil)	Onahama Port/ Fukushima Pref.	Dec-23	OR	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
Sea water (Suspended soil)	Otozawa Port/ Fukushima Pref.	Dec-23	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
Sea water A surface (Suspended soil)	Tokyo Bay/ Kanagawa Pref.	Nov-23	OR	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
Sea water B surface (Suspended soil)	Tokyo Bay/ Kanagawa Pref.	Nov-23	OR	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
Sea water B lower (Suspended soil)	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	— Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137	0.001 Bq/L
				Cs134	— Bq/L	± — Bq/L		Cs134	0.002 Bq/L
Sea bottom Soil A (surface)	Tokyo Bay/ Kanagawa Pref.	Nov-23	OR	Cs137	4.8 Bq/kg dry	± 0.3 Bq/kg dry	4.8	Cs137	0.001 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.001 Bq/kg dry
Sea bottom Soil A 5cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	4.8 Bq/kg dry	± 0.3 Bq/kg dry	4.8	Cs137	0.003 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.004 Bq/kg dry
Sea bottom Soil A 10cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	4.7 Bq/kg dry	± 0.4 Bq/kg dry	4.7	Cs137	0.001 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.001 Bq/kg dry
Sea bottom Soil A 15cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	4.2 Bq/kg dry	± 0.2 Bq/kg dry	4.2	Cs137	0.7 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.7 Bq/kg dry
Sea bottom Soil A 20cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	1.9 Bq/kg dry	± 0.3 Bq/kg dry	1.9	Cs137	1.6 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.6 Bq/kg dry
Sea bottom Soil A 25cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	1.6 Bq/kg dry	± 0.2 Bq/kg raw	1.6	Cs137	0.2 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg raw		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.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Sea bottom Soil B (surface)	Tokyo Bay/ Kanagawa Pref.	Nov-23	CA	Cs137	4.7 Bq/kg dry	±	0.4 Bq/kg dry	4.7	Cs137	0.7 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.6 Bq/kg dry
Sea bottom Soil B 5cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	OR	Cs137	6.8 Bq/kg dry	±	0.3 Bq/kg dry	6.8	Cs137	0.5 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	0.6 Bq/kg dry
Sea bottom Soil B 10cm	Tokyo Bay/ Kanagawa Pref.	Nov-23	OR	Cs137	7.8 Bq/kg dry	±	0.8 Bq/kg dry	7.8	Cs137	1.4 Bq/kg dry
				Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Gotanda children's Playground/ Jobankamiyugaya, Iwaki	Nov-23	OR	Cs137	416.0 Bq/kg dry	±	5.6 Bq/kg dry	424.1	Cs137	2.0 Bq/kg dry
				Cs134	8.1 Bq/kg dry	±	0.8 Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil (in the park)	Heizozuka children's Playground Heizozuka, Onahama, Iwaki	Dec-23	OR	Cs137	467.1 Bq/kg dry	±	6.7 Bq/kg dry	475.3	Cs137	2.5 Bq/kg dry
				Cs134	8.2 Bq/kg dry	±	1.5 Bq/kg dry		Cs134	2.7 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 300SL	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 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	
Wakame seaweed	Nakanosaku Port/ Iwaki City	Apr-23	T (Tissue free water)	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.35	Bq/L
Sebastes schlegelii	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
Sebastes schlegelii	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T (Organic bound)	Under Minimum Limit of Detection	Bq/kg raw	± - Bq/kg raw	0.09	Bq/kg raw
Olive flounder	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T (Organic bound)	Under Minimum Limit of Detection	Bq/kg raw	± - Bq/kg raw	0.09	Bq/kg raw
Sea water A (surface)	Sendai Port/ Miyagi Pref.	Apr-23	T(Free)	0.06	Bq/L	± 0.04 Bq/L	0.04	Bq/L
Sea water A (lower)	Sendai Port/ Miyagi Pref.	Apr-23	T(Free)	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.04	Bq/L
Sea water A (surface)	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Free)	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.04	Bq/L
Sea water B (surface)	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Free)	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.04	Bq/L
Sea water C (surface)	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Free)	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.04	Bq/L
Sea water D (surface)	Fukushima Daiichi Nuclear Power Station Offing	Aug-23	T(Free)	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.04	Bq/L
Tap water	Meinan, Akasi, Hyogo	Jul-23	T(Free)	0.22	Bq/L	± 0.04 Bq/L	0.04	Bq/L
Tap water	Minami, Sagamihara, Kanagawa	Jul-23	T(Free)	0.32	Bq/L	± 0.05 Bq/L	0.04	Bq/L
Lotus root	Tokushima Pref.	Nov-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± - Bq/kg dry	0.30	Bq/kg dry
Small Fish (one-mouthed sardines)	Kyoto Pref.	Nov-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± - Bq/kg dry	0.24	Bq/kg dry
Ash	Iwaki Fukushima	Sep-23	Sr90	223.11	Bq/kg dry	± 1.86 Bq/kg dry	0.96	Bq/kg dry
Sea water (surface)	Chikura Offing/ Chiba	Oct-23	Sr90	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.0004	Bq/L
Sea water A (surface)	Tokyo Bay/ Kanagawa Pref.	Nov-23	Sr90	Under Minimum Limit of Detection	Bq/L	± - Bq/L	0.0004	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.

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty		Minimum Limit of Detection	
Sea water B (surface)	Tokyo Bay/ Kanagawa Pref.	Nov-23	Sr90	0.0010	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water B (lower)	Tokyo Bay/ Kanagawa Pref.	Oct-23	Sr90	0.0009	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water	Ukedo Port/ Fukushima Pref.	Dec-23	Sr90	Under Minimum Limit of Detection	Bq/L	± -	Bq/L	0.0008	Bq/L
Sea water	Murakami Coast/ Fukushima Pref.	Dec-23	Sr90	Under Minimum Limit of Detection	Bq/L	± -	Bq/L	0.0008	Bq/L
Sea water	Kumagawa Estuary/ Fukushima Pref.	Dec-23	Sr90	0.0006	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water	Futaba Beach Fukushima Pref.	Dec-23	Sr90	0.0011	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water	Iwasawa Beach Fukushima Pref.	Dec-23	Sr90	Under Minimum Limit of Detection	Bq/L	± -	Bq/L	0.0003	Bq/L
Sea water	Tomioka Port/ Fukushima Pref.	Dec-23	Sr90	0.0008	Bq/L	± 0.0003	Bq/L	0.0004	Bq/L
Sea water	Onahama Port/ Fukushima Pref.	Dec-23	Sr90	Under Minimum Limit of Detection	Bq/L	± -	Bq/L	0.0005	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.



Measurement results of 16 items by germanium semiconductor detector

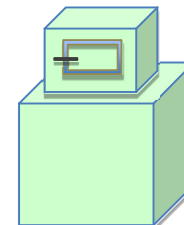
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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%

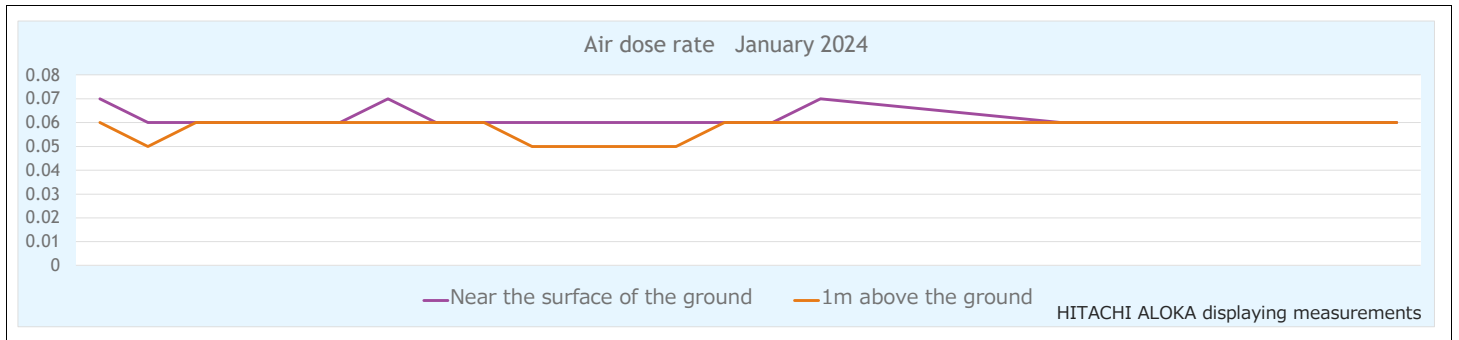




















(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
				Cs137	Cs134	±	±		Cs137	Cs134
Rice	Iitate, Soma, Fukushima	Oct-23	OR	Cs137	0.05 Bq/kg raw	± 0.02 Bq/kg raw	0.05	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Rice	Okuma, Futaba, Fukushima	Oct-23	OR	Cs137	4.4 Bq/kg raw	± 0.1 Bq/kg raw	4.4	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Sweet potato	Kunimi, Date, Fukushima	Oct-23	OR	Cs137	0.66 Bq/kg raw	± 0.08 Bq/kg raw	0.66	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Sweet potato	Minamisoma, Fukushima	Oct-23	OR	Cs137	8.9 Bq/kg raw	± 0.14 Bq/kg raw	8.9	Cs137	Bq/kg raw	
				Cs134	0.09 Bq/kg raw	± 0.05 Bq/kg raw			Cs134	Bq/kg raw
Taro	Iitate, Soma, Fukushima	Nov-23	CA	Cs137	0.13 Bq/kg raw	± 0.04 Bq/kg raw	0.13	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Chayote	Funehiki, Tamura Fukushima	Oct-23	CA	Cs137	0.02 Bq/kg raw	± 0.01 Bq/kg raw	0.02	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Green onion	Iitate, Soma, Fukushima	Nov-23	CA	Cs137	0.11 Bq/kg raw	± 0.02 Bq/kg raw	0.11	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Green onion	Kagamiishi, Iwase, Fukushima	Nov-23	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	Bq/kg raw
Japanese mustard spinach	Funehiki, Tamura Fukushima	Nov-23	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	Bq/kg raw
Young ginger	Nishida, Koriyama, Fukushima	Nov-23	CA	Cs137	0.04 Bq/kg raw	± 0.02 Bq/kg raw	0.04	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Red chili pepper	Atami, Koriyama, Fukushima	Nov-23	OR	Cs137	0.34 Bq/kg raw	± 0.10 Bq/kg raw	0.34	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Gingko nut	Fukushima Pref.	Nov-23	OR	Cs137	0.54 Bq/kg raw	± 0.12 Bq/kg raw	0.54	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Apple	Katsurao, Futaba, Fukushima	Oct-23	OR	Cs137	0.15 Bq/kg raw	± 0.03 Bq/kg raw	0.15	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Kiwi fruit	Furudate, Ishikawa, Fukushima	Nov-23	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Yuzu	Tamura, Koriyama, Fukushima	Nov-23	OR	Cs137	0.86 Bq/kg raw	± 0.08 Bq/kg raw	0.86	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Ishikawa, Fukushima	Nov-23	CA	Cs137	3.8 Bq/kg raw	± 0.1 Bq/kg raw	3.8	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw			Cs134	Bq/kg raw

Air dose rate January 2024

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



	Measuring instrument	HITACHI ALOKA	HORIBA Radi	HITACHI ALOKA	HORIBA Radi
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/1/5		0.07	0.071	0.06	0.062
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/1/9		0.06	0.069	0.05	0.064
2024/1/10		0.06	0.056	0.06	0.054
2024/1/11		0.06	0.065	0.06	0.062
2024/1/12		0.07	0.067	0.06	0.062
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/1/15		0.06	0.065	0.06	0.061
2024/1/16		0.06	0.061	0.06	0.056
2024/1/17		0.06	0.060	0.05	0.058
2024/1/18		0.06	0.058	0.05	0.055
2024/1/19		0.06	0.060	0.06	0.051
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/1/22		0.06	0.062	0.06	0.056
2024/1/23		0.07	0.065	0.06	0.068
2024/1/24		0.06	0.062	0.06	0.058
2024/1/25		0.06	0.068	0.06	0.063
2024/1/26		0.06	0.064	0.06	0.060
Measuring Date	Weather	Near the surface of the ground($\mu\text{Sv/h}$)		1m above the ground($\mu\text{Sv/h}$)	
2024/1/29		0.06	0.063	0.06	0.062
2024/1/30		0.06	0.058	0.06	0.057
2024/1/31		0.06	0.066	0.06	0.066