



Radiation Measurement Results of 124 Items in September



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
Japanese white radish	Koriyama, Fukushima	Sep-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 2.7 Bq/kg raw
Potato	Iwaki, Fukushima	Aug-23	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
Sweet potato	Chiba, Pref.	Sep-23	Cs137 — Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 2.8 Bq/kg raw
			Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 2.6 Bq/kg raw
Taro	Shinchi, Soma, Fukushima	Sep-23	Cs137 — Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.7 Bq/kg raw
			Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 3.0 Bq/kg raw
Burdock	Tamura, Koriyama, Fukushima	Sep-23	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 3.1 Bq/kg raw
Lotus root	Ibaraki, Pref.	Sep-23	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 1.3 Bq/kg raw
Pumpkin	Bandai, Yama, Fukushima.	Aug-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 1.3 Bq/kg raw
Pumpkin	Kitakata, Fukushima	Aug-23	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 2.2 Bq/kg raw
Onion	Hokkaido, Pref.	Sep-23	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
Onion	Iwaki, Fukushima	Aug-23	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 1.7 Bq/kg raw
Tomato	Bandai, Yama, Fukushima.	Aug-23	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
Cucumber	Otama, Adachi, Fukushima	Sep-23	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
Cucumber	Nishiaizu, Yama, Fukushima.	Aug-23	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
Zucchini	Konan, Koriyama, Fukushima	Sep-23	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
Asparagus	Tamura, Koriyama, Fukushima	Sep-23	Cs137 — Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 2.8 Bq/kg raw
			Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 2.5 Bq/kg raw
Green pepper	Nishida, Koriyama, Fukushima	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
Green pepper shishito	Iitate, Soma, Fukushima	Sep-23	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

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

But it does not necessarily 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
Green chili	Aizuwakamatsu, Fukushima	Sep-23	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 1.4 Bq/kg raw
Okra	Tamura, Koriyama, Fukushima	Sep-23	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 2.5 Bq/kg raw
Water eggplant	Tamura, Koriyama, Fukushima	Sep-23	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
Eggplant	Nishida, Koriyama, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.6 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 3.3 Bq/kg raw
Eggplant	Date, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.6 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 3.3 Bq/kg raw
Eggplant	Nakajima, Nishishirakawa, Fukushima	Sep-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 2.7 Bq/kg raw
Eggplant	Miharu, Tamura, Fukushima	Sep-23	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 1.4 Bq/kg raw
Leek	Shinchi, Soma, Fukushima	Sep-23	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
Bitter gourd	Minamisoma, Fukushima	Sep-23	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 1.4 Bq/kg raw
Bitter gourd	Atami, Koriyama, Fukushima	Sep-23	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 1.6 Bq/kg raw
Perilla	Fukushima Pref.	Aug-23	Cs137	4.8 Bq/kg raw	± 2.0 Bq/kg raw	4.8	Cs137 2.3 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.8 Bq/kg raw
Perilla leaf	Tamakawa, Ishikawa, Fukushima	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 2.1 Bq/kg raw
Moloheiya	Iitate, Soma, Fukushima	Sep-23	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 1.8 Bq/kg raw
Malabar spinach	Aizuwakamatsu, Fukushima	Sep-23	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 1.6 Bq/kg raw
Malabar spinach	Kawamata, Date, Fukushima	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
Malabar spinach	Tamura, Koriyama, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.1 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.5 Bq/kg raw
Malabar spinach	Miharu, Tamura, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 4.9 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 4.5 Bq/kg raw
Arugula	Yabuki, Nishishirakawa, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.1 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 3.0 Bq/kg raw
Myoga	Kawamata, Date, Fukushima	Sep-23	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 1.6 Bq/kg raw
Perilla	Motomiya, Fukushima	Sep-23	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
Leaf lettuce	Nagano, Pref.	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 2.8 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.3 Bq/kg raw
Hagura uri	Inawashiro, Yama, Fukushima	Aug-23	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
Yuugao	Inawashiro, Yama, Fukushima	Aug-23	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
Water melon	Bandai, Yama, Fukushima.	Aug-23	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 1.7 Bq/kg raw

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

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(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
Water melon	Izumisaki, Nishishirakawa, Fukushima	Sep-23	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
Melon	Nishigo, Nishishirakawa, Fukushima	Sep-23	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
Grape	Shinchi, Soma, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.2 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.6 Bq/kg raw
Grape	Yamagata, Pref.	Sep-23	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 1.6 Bq/kg raw
Grape	Nishigo, Nishishirakawa, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.5 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 3.2 Bq/kg raw
Japanese pear	Soma, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.1 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 2.8 Bq/kg raw
Japanese pear	Atami, Koriyama, Fukushima	Sep-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 2.8 Bq/kg raw
Apple	Fukushima, Pref.	Sep-23	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 2.0 Bq/kg raw
Fig	Izumisaki, Nishishirakawa, Fukushima	Sep-23	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 1.7 Bq/kg raw
Fig	Hobara, Date, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.7 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 3.4 Bq/kg raw
Natsu haze	Iitate, Soma, Fukushima	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 2.2 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.7 Bq/kg raw
Natto	Nihonmatsu, Fukushima	Sep-23	Cs137	3.9 Bq/kg raw	± 1.8 Bq/kg raw	3.9	Cs137 2.1 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.7 Bq/kg raw
Red kidney bean	Yamatsuri, Higashishirakawa, Fukushima	Sep-23	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 1.3 Bq/kg raw
Shitake mushroom log grown	Nakata, Koriyama, Fukushima	Sep-23	Cs137	7.7 Bq/kg raw	± 2.7 Bq/kg raw	7.7	Cs137 3.7 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 3.4 Bq/kg raw
Shitake mushroom grown in bacteria- bed	Minamiaizu, Minamiaizu, Fukushima	Sep-23	Cs137	1.6 Bq/kg raw	± 1.3 Bq/kg raw	1.6	Cs137 1.4 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.2 Bq/kg raw
Shitake mushroom grown in bacteria- bed	Ibaraki, Pref.	Sep-23	Cs137	4.8 Bq/kg raw	± 1.6 Bq/kg raw	4.8	Cs137 1.8 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.5 Bq/kg raw
Maitake mushroom	Niigata, Pref.	Sep-23	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
Oyster mushroom	Niigata, Pref.	Sep-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 2.2 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134 1.7 Bq/kg raw
Nameko mushroom	Iwaki, Fukushima	Sep-23	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
Nameko mushroom	Otsuki, Koriyama, Fukushima	Sep-23	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 1.6 Bq/kg raw
Wood ear mushroom	Tanagura, Higashishirakawa, Fukushima	Sep-23	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 1.6 Bq/kg raw
Yam soba	Japan (production)	Sep-23	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
Salted rice malt	Gifu, Pref.	Sep-23	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 1.6 Bq/kg raw
Soil (in the park)	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	870.0 Bq/kg dry	± 88.9 Bq/kg dry	889.3	Cs137 1.6 Bq/kg dry
			Cs134	19.3 Bq/kg dry	± 2.3 Bq/kg dry		Cs134 1.7 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)	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	1470.0	Bq/kg dry ± 151.0	1501.0	Cs137 2.9 Bq/kg dry
			Cs134	31.0	Bq/kg dry ± 3.7		Cs134 2.7 Bq/kg dry
Soil (in the park)	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	10600.0	Bq/kg dry ± 1070.0	10833.0	Cs137 6.4 Bq/kg dry
			Cs134	233.0	Bq/kg dry ± 24.6		Cs134 4.4 Bq/kg dry
Soil (in the park)	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	553.0	Bq/kg dry ± 56.4	563.7	Cs137 1.4 Bq/kg dry
			Cs134	10.7	Bq/kg dry ± 1.4		Cs134 1.5 Bq/kg dry
Soil (in the park)	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	393.0	Bq/kg dry ± 41.5	401.6	Cs137 2.9 Bq/kg dry
			Cs134	8.6	Bq/kg dry ± 1.7		Cs134 3.4 Bq/kg dry
Soil(in the park) under the swing	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	42.6	Bq/kg dry ± 5.1	42.6	Cs137 2.7 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 3.3 Bq/kg dry
Soil(in the park) under the Animal playset	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	82.2	Bq/kg dry ± 8.9	82.2	Cs137 1.9 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 1.8 Bq/kg dry
Soil(in the park) under the slide	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	37.8	Bq/kg dry ± 4.3	37.8	Cs137 1.8 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 1.7 Bq/kg dry
Soil(in the park) Sandbox	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	3.6	Bq/kg dry ± 0.6	3.6	Cs137 1.4 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 1.7 Bq/kg dry
Soil(in the park) under the tree	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	201.0	Bq/kg dry ± 20.9	206.1	Cs137 1.1 Bq/kg dry
			Cs134	5.1	Bq/kg dry ± 0.8		Cs134 1.4 Bq/kg dry
Soil(in the park) under the horizontal bar	Umegaoka Park Umegaoka, Yotsukura, Iwaki	Mar-23	Cs137	44.8	Bq/kg dry ± 4.9	44.8	Cs137 1.2 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 1.2 Bq/kg dry
Soil (in the park)	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	92.0	Bq/kg dry ± 10.4	92.0	Cs137 3.5 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 3.1 Bq/kg dry
Soil (in the park)	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	269.0	Bq/kg dry ± 28.3	276.2	Cs137 2.6 Bq/kg dry
			Cs134	7.2	Bq/kg dry ± 1.4		Cs134 3.0 Bq/kg dry
Soil (in the park)	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	154.0	Bq/kg dry ± 16.7	154.0	Cs137 3.7 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 3.3 Bq/kg dry
Soil (in the park)	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	481.0	Bq/kg dry ± 49.7	489.1	Cs137 2.3 Bq/kg dry
			Cs134	8.1	Bq/kg dry ± 1.4		Cs134 2.8 Bq/kg dry
Soil(in the park) tarzan rope	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	30.1	Bq/kg dry ± 3.4	30.1	Cs137 1.3 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 1.6 Bq/kg dry
Soil(in the park) under the bench	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	174.0	Bq/kg dry ± 18.8	178.4	Cs137 2.9 Bq/kg dry
			Cs134	4.4	Bq/kg dry ± 1.2		Cs134 3.4 Bq/kg dry
Soil(in the park) Under the obstacle course	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	95.1	Bq/kg dry ± 10.7	95.1	Cs137 3.2 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 2.9 Bq/kg dry
Soil(in the park) under the swing	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	12.2	Bq/kg dry ± 1.7	12.2	Cs137 2.4 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 3.2 Bq/kg dry
Soil(in the park) under the slide①	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	24.6	Bq/kg dry ± 3.1	24.6	Cs137 2.2 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 2.7 Bq/kg dry
Soil(in the park) under the tire	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	15.0	Bq/kg dry ± 2.0	15.0	Cs137 2.1 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 2.5 Bq/kg dry
Soil(in the park) under the slide②	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	91.0	Bq/kg dry ± 9.6	91.0	Cs137 1.5 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		Cs134 1.8 Bq/kg dry
Soil(in the park) at the center of the obstacle course	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	477.0	Bq/kg dry ± 49.9	488.5	Cs137 3.2 Bq/kg dry
			Cs134	11.5	Bq/kg dry ± 2.1		Cs134 3.8 Bq/kg dry
Soil(in the park) under the tree	Kodama-Dam Park Nishiogawa, Ogawa, Iwaki	Aug-23	Cs137	197.0	Bq/kg dry ± 21.3	202.4	Cs137 2.6 Bq/kg dry
			Cs134	5.4	Bq/kg dry ± 1.4		Cs134 3.3 Bq/kg dry
Soil (in the park)	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	Cs137	—	Bq/kg dry ± —	Under Minimum Limit of Detection	Cs137 1.4 Bq/kg dry
			Cs134	—	Bq/kg dry ± —		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

(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)	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137 2.5 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil (in the park)	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	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)	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137 1.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 1.4 Bq/kg dry
Soil (in the park)	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	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 seesaw	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	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 swing	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	Cs137	3.8 Bq/kg dry	± 0.8 Bq/kg dry	3.8	Cs137 2.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.6 Bq/kg dry
Soil(in the park) under the slide	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	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 2.4 Bq/kg dry
Soil(in the park) under the horizontal bar	Shimodai Children's Park Takahagi, Ogawa, Iwaki	Aug-23	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)	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	500.0 Bq/kg dry	± 52.0 Bq/kg dry	511.9	Cs137 2.6 Bq/kg dry
			Cs134	11.9 Bq/kg dry	± 1.9 Bq/kg dry		Cs134 2.9 Bq/kg dry
Soil (in the park)	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	82.1 Bq/kg dry	± 9.1 Bq/kg dry	82.1	Cs137 2.6 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.4 Bq/kg dry
Soil (in the park)	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	431.0 Bq/kg dry	± 44.9 Bq/kg dry	441.6	Cs137 2.6 Bq/kg dry
			Cs134	10.6 Bq/kg dry	± 1.8 Bq/kg dry		Cs134 3.1 Bq/kg dry
Soil (in the park)	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	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)	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	514.0 Bq/kg dry	± 52.4 Bq/kg dry	524.0	Cs137 1.3 Bq/kg dry
			Cs134	10.0 Bq/kg dry	± 1.3 Bq/kg dry		Cs134 1.5 Bq/kg dry
Soil(in the park) under the swing	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	2.2 Bq/kg dry	± 0.4 Bq/kg dry	2.2	Cs137 1.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 1.2 Bq/kg dry
Soil(in the park) under the slide	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	54.5 Bq/kg dry	± 5.9 Bq/kg dry	54.5	Cs137 1.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 1.7 Bq/kg dry
Soil(in the park) under the bench	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	8.7 Bq/kg dry	± 1.1 Bq/kg dry	8.7	Cs137 1.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 1.4 Bq/kg dry
Soil(in the park) under the monkey bars	Sakurada Park Shiramizu, uchigo, Iwaki	Sep-23	Cs137	132.0 Bq/kg dry	± 14.3 Bq/kg dry	135.8	Cs137 2.2 Bq/kg dry
			Cs134	3.8 Bq/kg dry	± 1.0 Bq/kg dry		Cs134 2.6 Bq/kg dry
Soil (in the park)	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	285.0 Bq/kg dry	± 30.1 Bq/kg dry	291.0	Cs137 2.0 Bq/kg dry
			Cs134	6.0 Bq/kg dry	± 1.2 Bq/kg dry		Cs134 2.4 Bq/kg dry
Soil (in the park)	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	232.0 Bq/kg dry	± 24.7 Bq/kg dry	238.4	Cs137 2.0 Bq/kg dry
			Cs134	6.4 Bq/kg dry	± 1.2 Bq/kg dry		Cs134 2.5 Bq/kg dry
Soil (in the park)	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	384.0 Bq/kg dry	± 40.0 Bq/kg dry	390.0	Cs137 2.1 Bq/kg dry
			Cs134	6.0 Bq/kg dry	± 1.1 Bq/kg dry		Cs134 2.6 Bq/kg dry
Soil (in the park)	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	544.0 Bq/kg dry	± 55.6 Bq/kg dry	554.2	Cs137 1.6 Bq/kg dry
			Cs134	10.2 Bq/kg dry	± 1.4 Bq/kg dry		Cs134 1.8 Bq/kg dry
Soil (in the park)	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	45.7 Bq/kg dry	± 5.4 Bq/kg dry	45.7	Cs137 2.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.2 Bq/kg dry
Soil(in the park) under the playset	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	50.3 Bq/kg dry	± 5.4 Bq/kg dry	50.3	Cs137 1.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 1.2 Bq/kg dry
Soil(in the park) under the slide	Yomokita Park Uchimachi, uchigo, Iwaki	Sep-23	Cs137	159.0 Bq/kg dry	± 17.1 Bq/kg dry	159.0	Cs137 3.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134 2.8 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) Sandbox	Yomokita Park Uchimachi, uchigo,Iwaki	Sep-23	Cs137	15.1	Bq/kg dry ± 1.9 Bq/kg dry	15.1	Cs137 1.6 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 2.0 Bq/kg dry
Soil(in the park) under the bench②	Yomokita Park Uchimachi, uchigo,Iwaki	Sep-23	Cs137	297.0	Bq/kg dry ± 30.3 Bq/kg dry	302.6	Cs137 1.0 Bq/kg dry
			Cs134	5.6	Bq/kg dry ± 0.8 Bq/kg dry		Cs134 1.1 Bq/kg dry
Soil (in the park)	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	394.0	Bq/kg dry ± 40.5 Bq/kg dry	402.2	Cs137 1.4 Bq/kg dry
			Cs134	8.2	Bq/kg dry ± 1.2 Bq/kg dry		Cs134 1.6 Bq/kg dry
Soil (in the park)	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	414.0	Bq/kg dry ± 42.5 Bq/kg dry	422.6	Cs137 1.4 Bq/kg dry
			Cs134	8.6	Bq/kg dry ± 1.2 Bq/kg dry		Cs134 1.6 Bq/kg dry
Soil (in the park)	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	10.8	Bq/kg dry ± 1.3 Bq/kg dry	10.8	Cs137 0.9 Bq/kg dry
			Cs134	—	Bq/kg dry ± — Bq/kg dry		Cs134 1.1 Bq/kg dry
Soil (in the park)	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	272.0	Bq/kg dry ± 28.7 Bq/kg dry	276.8	Cs137 2.1 Bq/kg dry
			Cs134	4.8	Bq/kg dry ± 1.1 Bq/kg dry		Cs134 2.6 Bq/kg dry
Soil (in the park)	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	860.0	Bq/kg dry ± 88.9 Bq/kg dry	878.4	Cs137 2.5 Bq/kg dry
			Cs134	18.4	Bq/kg dry ± 2.4 Bq/kg dry		Cs134 2.7 Bq/kg dry
Soil(in the park) under the swing	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	868.0	Bq/kg dry ± 88.3 Bq/kg dry	885.1	Cs137 1.5 Bq/kg dry
			Cs134	17.1	Bq/kg dry ± 2.1 Bq/kg dry		Cs134 1.6 Bq/kg dry
Soil(in the park) under the jungle gym	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	52.2	Bq/kg dry ± 5.6 Bq/kg dry	52.2	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 slide	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	340.0	Bq/kg dry ± 34.9 Bq/kg dry	347.9	Cs137 1.2 Bq/kg dry
			Cs134	7.9	Bq/kg dry ± 1.1 Bq/kg dry		Cs134 1.4 Bq/kg dry
Soil(in the park) Sandbox	Sakuramoto Children's Park Uchimachi,uchigo,Iwaki	Sep-23	Cs137	254.0	Bq/kg dry ± 26.0 Bq/kg dry	259.3	Cs137 1.0 Bq/kg dry
			Cs134	5.3	Bq/kg dry ± 0.8 Bq/kg dry		Cs134 1.2 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.



★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
Brown rice	Iwaki, Fukushima	Sep-23	OR	Cs137 0.1 Bq/kg raw	± 0.01 Bq/kg raw	0.1	Cs137 0.02 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.02 Bq/kg raw
Japanese white radish	Iiyama, Nagano	Sep-23	OR	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
Potato	Miharu, Tamura, Fukushima	Jul-23	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 0.7 Bq/kg raw
Malabar spinach	Miharu, Tamura, Fukushima	Sep-23	OR	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
Cabbage	Miharu, Tamura, Fukushima	Mar-23	CA	Cs137 — Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 0.07 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.07 Bq/kg raw
Eryngii mushroom	Iwaki, Fukushima	May-23	CA	Cs137 3.5 Bq/kg raw	± 0.04 Bq/kg raw	3.6	Cs137 0.04 Bq/kg raw
				Cs134 0.1 Bq/kg raw	± 0.01 Bq/kg raw		Cs134 0.04 Bq/kg raw
Grape	Fukushima Pref.	Sep-23	CA	Cs137 2.9 Bq/kg raw	± 0.05 Bq/kg raw	3.0	Cs137 0.06 Bq/kg raw
				Cs134 0.1 Bq/kg raw	± 0.02 Bq/kg raw		Cs134 0.06 Bq/kg raw
Frozen raspberry	Serbia	Sep-23	OR	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
Barley flour	Chiba Pref.	Aug-23	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
Ise shrimp (flesh)	Off the coast of Fukushima Pref.	Aug-23	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
Japanese spiny lobster (shell)	Off the coast of Fukushima Pref.	Aug-23	CA	Cs137 0.7 Bq/kg raw	± 0.1 Bq/kg raw	0.7	Cs137 0.2 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.2 Bq/kg raw
Little mouth flounder	Ukedo port/Fukushima Pref.	Mar-23	CA	Cs137 0.5 Bq/kg raw	± 0.04 Bq/kg raw	0.5	Cs137 0.09 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.1 Bq/kg raw
Roughscale sole	Fukushima Pref.	Mar-23	OR	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 0.2 Bq/kg raw
Slime flounder	Ukedo port/Fukushima Pref.	Mar-23	CA	Cs137 0.1 Bq/kg raw	± 0.04 Bq/kg raw	0.1	Cs137 0.09 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.1 Bq/kg raw
Brown hakeling	Ukedo port/Fukushima Pref.	Mar-23	OR	Cs137 0.5 Bq/kg raw	± 0.03 Bq/kg raw	0.5	Cs137 0.07 Bq/kg raw
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.07 Bq/kg raw
Sebastes	Hokkaido Pref.	Jun-23	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
Skipjack tuna	Chiba Pref.	Mar-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
Neptunea arthritica	Ukedo port/Fukushima Pref.	Mar-23	OR	Cs137 0.2 Bq/kg raw	± 0.06 Bq/kg raw	0.2	Cs137 0.1 Bq/L
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.1 Bq/L
Seaweed(raw)	Sanriku, Ofunato, Iwate	Sep-23	OR	Cs137 — Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 0.1 Bq/L
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.1 Bq/L
Black bass	Fujiwara River/Fukushima Pref.	Aug-23	OR	Cs137 0.9 Bq/kg raw	± 0.1 Bq/kg raw	0.9	Cs137 0.2 Bq/L
				Cs134 — Bq/kg raw	± — Bq/kg raw		Cs134 0.2 Bq/L

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

But it does not necessarily 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	Measuring instrument type	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection
Bluegill	Fujiwara River/ Fukushima Pref.	Aug-23	CA	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
Soil(in the park) under the horizontal bar	Sakurada Park Shiramizu,Uchigou,Iwaki	Sep-23	OR	Cs137	214.5	Bq/kg dry ± 4.5 Bq/kg dry	218.8	Cs137 2.2 Bq/kg dry
				Cs134	4.30	Bq/kg dry ± 1.2 Bq/kg dry		Cs134 2.3 Bq/kg dry
Soil(in the park) under the bench①	Yomokita Park Uchimachi,Uchigou,Iwaki	Sep-23	OR	Cs137	195.3	Bq/kg dry ± 4.3 Bq/kg dry	200.3	Cs137 2.2 Bq/kg dry
				Cs134	5.0	Bq/kg dry ± 1.1 Bq/kg dry		Cs134 1.9 Bq/kg dry
Sea water	Hamaichi Coast/ Higashimatsushima, Miyagi, Pref.	Jul-23	CA	Cs137	0.002	Bq/L ± 0.0004 Bq/L	0.002	Cs137 0.0009 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water	Sendai Shin Port/ Sendai,Miyagi, Pref.	Jul-23	CA	Cs137	0.003	Bq/L ± 0.0005 Bq/L	0.003	Cs137 0.0009 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water	Arahama Coast/ Watari,Miyagi, Pref.	Jul-23	CA	Cs137	0.003	Bq/L ± 0.0006 Bq/L	0.003	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water (Suspended solid)	Hamaichi Coast/ Higashimatsushima, Miyagi, Pref.	Jul-23	CA	Cs137	0.031	Bq/L ± 0.001 Bq/L	0.031	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.002 Bq/L
Sea water (Suspended solid)	Sendai Shin Port/ Sendai,Miyagi, Pref.	Jul-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 (Suspended solid)	Arahama Coast/ Watari,Miyagi, Pref.	Jul-23	CA	Cs137	—	Bq/L ± — Bq/L	Under Minimum Limit of Detection	Cs137 0.002 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water A surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	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 water A lower (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.01	Bq/L ± 0.001 Bq/L	0.01	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water B surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-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 water B lower (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.007	Bq/L ± 0.001 Bq/L	0.007	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water C surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-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 C lower (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.003	Bq/L ± 0.0008 Bq/L	0.003	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water D surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.002	Bq/L ± 0.0009 Bq/L	0.002	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water D lower (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.01	Bq/L ± 0.001 Bq/L	0.01	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.002 Bq/L
Sea water E (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-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 A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.007	Bq/L ± 0.0006 Bq/L	0.007	Cs137 0.0009 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.006	Bq/L ± 0.0005 Bq/L	0.006	Cs137 0.0008 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-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 A surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	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 water B surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.002	Bq/L ± 0.0009 Bq/L	0.002	Cs137 0.001 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.001 Bq/L
Sea water C surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	—	Bq/L ± — Bq/L	Under Minimum Limit of Detection	Cs137 0.002 Bq/L
				Cs134	—	Bq/L ± — Bq/L		Cs134 0.002 Bq/L
Sea water D surface (Suspended solid)	Off the coast of Fukushima Nuclear Power Plant1	Aug-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

*"_" 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 622	Equipment for measuring low-energy beta-ray emission nuclides
		<p>Measuring nuclide Strontium90 Half-life 30 years Organically bound 3H Half-life 12.3 years Free-water 3H Half-life 12.3 years</p> <p>All samples are measured in liquid condition after several days of pretreatment.</p>

(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
Sardine	Tairanumanouchi, iwaki,Fukushima	Aug-22	T(Tissue Free)	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.36 Bq/L
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.04 Bq/L
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.04 Bq/L
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.04 Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.04 Bq/L
Sea water	Ougihama Beach/Wakayama Pref.	Jul-22	T (Free)	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.04 Bq/L
River water	Ochiai River/Higashikurume, Tokyo	Jun-22	T (Free)	0.13 Bq/L	± 0.05 Bq/L 0.04 Bq/L
Irrigation canal water	Wajima,Ishikawa	Jul-22	T (Free)	0.19 Bq/L	± 0.05 Bq/L 0.04 Bq/L
Tap water	Fuzawa,Minamiaizu, Fukushima	Jun-22	T (Free)	0.07 Bq/L	± 0.05 Bq/L 0.05 Bq/L
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.0004 Bq/L
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.0004 Bq/L
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.0004 Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	Under Minimum Limit of Detection Bq/L	± - Bq/L 0.0004 Bq/L
Sea water (surface)	Tomioka Port/Fukushima Pref.	Aug-23	Sr90	0.0005 Bq/L	± 0.0003 Bq/L 0.0004 Bq/L
Sea water (surface)	Arahama Coast/Watari,Miyagi, Pref.	Jul-23	Sr90	0.0005 Bq/L	± 0.0002 Bq/L 0.0004 Bq/L
Sea water (surface)	Sendaihin Port/Sendai, Miyagi, Pref.	Jul-23	Sr90	0.0008 Bq/L	± 0.0003 Bq/L 0.0005 Bq/L
Sea water (surface)	Hamaichi Coast/Higashimatsushima, Miyagi, Pref.	Jul-23	Sr90	0.0007 Bq/L	± 0.0002 Bq/L 0.0003 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.

(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	Off the coast of Fukushima Nuclear Power Plant1	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry ± - Bq/kg dry	0.27 Bq/kg dry



Measurement results of 16 items by germanium semiconductor detector

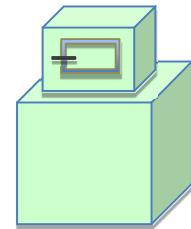
Dr. Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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%

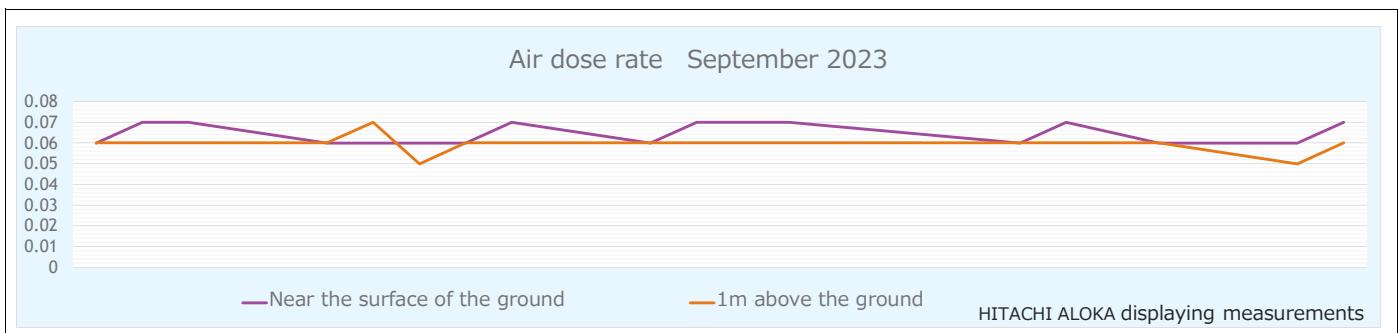


(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection	
Carrot	Tomioka, Futaba, Fukushima	Jul-23	OR	Cs137	0.74	Bq/kg raw ± 0.09 Bq/kg raw	0.74	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Carrot	Hirono, Futaba, Fukushima	Jul-23	OR	Cs137	1.0	Bq/kg raw ± 0.10 Bq/kg raw	1.0	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Potato	Tomioka, Futaba, Fukushima	Jul-23	OR	Cs137	7.4	Bq/kg raw ± 0.1 Bq/kg raw	7.54	Cs137	Bq/kg raw
				Cs134	0.14	Bq/kg raw ± 0.04 Bq/kg raw		Cs134	Bq/kg raw
Potato	Hirono, Futaba, Fukushima	Jul-23	CA	Cs137	1.9	Bq/kg raw ± 0.1 Bq/kg raw	1.9	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Pumpkin	Tomioka, Futaba, Fukushima	Jul-23	OR	Cs137	0.50	Bq/kg raw ± 0.07 Bq/kg raw	0.50	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Cucumber	Hirono, Futaba, Fukushima	Jul-23	OR	Cs137	0.09	Bq/kg raw ± 0.02 Bq/kg raw	0.09	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Eggplant	Tomioka, Futaba, Fukushima	Jul-23	OR	Cs137	0.50	Bq/kg raw ± 0.04 Bq/kg raw	0.50	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Purple cabbage	Namie, Futaba, Fukushima	Jun-23	OR	Cs137	1.3	Bq/kg raw ± 0.2 Bq/kg raw	1.3	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Spinach	Tomioka, Futaba, Fukushima	Jul-23	CA	Cs137	14	Bq/kg raw ± 0.3 Bq/kg raw	14	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Dried shiitake mushroom (grown on logs)	Yamatsuri, Higashishirakawa, Fukushima	Jul-23	CA	Cs137	42	Bq/kg raw ± 2.0 Bq/kg raw	42	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Peach	Date, Date City, Fukushima	Jul-23	OR	Cs137	0.13	Bq/kg raw ± 0.03 Bq/kg raw	0.13	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Loquat	Date, Date City, Fukushima	Jul-23	CA	Cs137	0.35	Bq/kg raw ± 0.06 Bq/kg raw	0.35	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Japanese plum	Tamura, Koriyama, Fukushima	Jul-23	OR	Cs137	0.47	Bq/kg raw ± 0.09 Bq/kg raw	0.47	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Japanese plum	Ryouzen, Date, Fukushima	Jul-23	OR	Cs137	0.94	Bq/kg raw ± 0.08 Bq/kg raw	0.94	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Soybeans	Samegawa, Higashishirakawa, Fukushima	Jul-23	CA	Cs137	—	Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw
Black soybean	Samegawa, Higashishirakawa, Fukushima	Jul-23	OR	Cs137	4.5	Bq/kg raw ± 0.6 Bq/kg raw	4.5	Cs137	Bq/kg raw
				Cs134	—	Bq/kg raw ± — Bq/kg raw		Cs134	Bq/kg raw

Air dose rate September 2023

Measuring Instrument		Measuring Place	
CsI Scintillation survey meter	Nal 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	HITACHI ALOKA	HORIBA Radi	HITACHI ALOKA	HORIBA Radi	
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/9/1		0.06	0.06	0.06	0.059
2023/9/4		0.07	0.067	0.06	0.066
2023/9/5		0.07	0.063	0.06	0.059
2023/9/6		0.06	0.065	0.06	0.063
2023/9/7		0.06	0.054	0.07	0.052
2023/9/8		0.06	0.064	0.05	0.062
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/9/11		0.06	0.057	0.06	0.052
2023/9/12		0.07	0.058	0.06	0.055
2023/9/13		0.06	0.067	0.06	0.066
2023/9/14		0.07	0.064	0.06	0.066
2023/9/15		0.07	0.066	0.06	0.056
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/9/19		0.07	0.063	0.06	0.06
2023/9/20		0.06	0.064	0.06	0.06
2023/9/21		0.07	0.068	0.06	0.063
2023/9/22		0.06	0.07	0.06	0.065
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/9/25		0.06	0.055	0.05	0.054
2023/9/26		0.07	0.066	0.06	0.053
2023/9/27		0.06	0.058	0.05	0.057
2023/9/28		0.06	0.061	0.06	0.049
2023/9/29		0.07	0.067	0.06	0.066