



# Radiation Measurement Results of 62 Items in February



When samples include natural radionuclides we can't deny the possibility of their radiation value counted together in our results.

The list below only shows the measurement results of the samples brought in.

Radioactive contamination level may differ according to sampling points even within the same address.

## ★Gamma-ray

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

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Polished rice	Hokkaidou	Oct-15	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	3.0 Bq/Kg raw
Polished rice	Akita	Oct-15	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	0.8 Bq/Kg raw
Polished rice	Kamimousu Yamatama Iwaki	Oct-15	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	0.9 Bq/Kg raw
Brown rice	Izumi Iwaki	Oct-15	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Brown rice	Kamimousu Yamatama Iwaki	Oct-15	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
Japanese green onion	Hasukawarashinnmachi Tsuchiura Ibaraki	Feb-16	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	2.2 Bq/Kg raw
Japanese white radish	Hasukawarashinnmachi Tsuchiura Ibaraki	Feb-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.7 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	2.6 Bq/Kg raw
Dried persimmon	Akai Taira Iwaki	Dec-15	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.8 Bq/Kg raw
Ampogaki (dried persimmon)	Date	unknown	Cs137	11.2 Bq/Kg raw	±	3.8 Bq/Kg raw	11.2	Cs137	4.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	4.3 Bq/Kg raw
Yuzu (citrus fruits)	Tomioka Futaba	Feb-16	Cs137	659 Bq/Kg raw	±	132 Bq/Kg raw	827	Cs137	9.7 Bq/Kg raw
			Cs134	168 Bq/Kg raw	±	34 Bq/Kg raw		Cs134	8.7 Bq/Kg raw
Kumquat	Izumisaki Taira Iwaki	Feb-16	Cs137	7.8 Bq/Kg raw	±	2.3 Bq/Kg raw	7.8	Cs137	2.3 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	2.1 Bq/Kg raw
Hassaku orange (without peel)	Akai Taira Iwaki	Feb-16	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
Red beans	Soeno Iwaki	Oct-15	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.4 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	2.2 Bq/Kg raw
Red kidney bean	Soeno Iwaki	Oct-15	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
Sea vegetable	Miyagi	Jan-16	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
Sea vegetable products	Iwate	January 2016 production	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	1.5 Bq/Kg raw
Tuna products	Off the Pacific coast	January 2016 production	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	1.9 Bq/Kg raw
Raw oysters	Miyagi	Feb-16	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
Surf smelt	Lake Hibara	Jan-16	Cs137	21.5 Bq/Kg raw	±	5.0 Bq/Kg raw	27.8	Cs137	3.0 Bq/Kg raw
			Cs134	6.3 Bq/Kg raw	±	2.3 Bq/Kg raw		Cs134	2.8 Bq/Kg raw
School lunch	Takasaka Uchigo Iwaki	Feb-16	Cs137	— Bq/Kg raw	±	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	2.9 Bq/Kg raw
			Cs134	— Bq/Kg raw	±	— Bq/Kg raw		Cs134	2.7 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	
School lunch	Takasaka Uchigo Iwaki	Feb-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	3.8 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw	— Bq/Kg raw		Cs134	3.6 Bq/Kg raw
School lunch	Matsugadai Jyoban Iwaki	Feb-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	3.2 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw	— Bq/Kg raw		Cs134	3.0 Bq/Kg raw
Fallen leaves	Sekifune Jyoban Iwaki	Jan-16	Cs137	243 Bq/Kg raw	± 54.7 Bq/Kg raw	— Bq/Kg raw	303	Cs137	4.2 Bq/Kg raw
			Cs134	60.3 Bq/Kg raw	± 30.7 Bq/Kg raw	— Bq/Kg raw		Cs134	4.8 Bq/Kg raw
Bark	Oriki Hirono Futaba	Jan-16	Cs137	1647 Bq/Kg raw	± 187 Bq/Kg raw	— Bq/Kg raw	1,905	Cs137	3.5 Bq/Kg raw
			Cs134	258 Bq/Kg raw	± 55 Bq/Kg raw	— Bq/Kg raw		Cs134	4.0 Bq/Kg raw
Vacuum cleaner dust TOSHIBA Paper pack vacuum cleaner	Tenri Nara	Jan-16	Cs137	— Bq/Kg raw	± — Bq/Kg raw	— Bq/Kg raw	Under Minimum Limit of Detection	Cs137	4.2 Bq/Kg raw
			Cs134	— Bq/Kg raw	± — Bq/Kg raw	— Bq/Kg raw		Cs134	4.7 Bq/Kg raw
Vacuum cleaner dust dyson	Iino Cyuoudai Iwaki	Feb-16	Cs137	1986 Bq/Kg raw	± 269 Bq/Kg raw	— Bq/Kg raw	2,379	Cs137	8.7 Bq/Kg raw
			Cs134	392 Bq/Kg raw	± 105 Bq/Kg raw	— Bq/Kg raw		Cs134	9.8 Bq/Kg raw
Vacuum cleaner dust	Sekifune Jyoban Iwaki	Feb-16	Cs137	3724 Bq/Kg raw	± 387 Bq/Kg raw	— Bq/Kg raw	4,334	Cs137	4.6 Bq/Kg raw
			Cs134	610 Bq/Kg raw	± 100 Bq/Kg raw	— Bq/Kg raw		Cs134	5.2 Bq/Kg raw
Vacuum cleaner dust HITACHI Paper pack vacuum cleaner	Sumiyoshi Onahama Iwaki	Feb-16	Cs137	488 Bq/Kg raw	± 99 Bq/Kg raw	— Bq/Kg raw	619	Cs137	20.0 Bq/Kg raw
			Cs134	131 Bq/Kg raw	± 31 Bq/Kg raw	— Bq/Kg raw		Cs134	18.9 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	380 Bq/Kg raw	± 42.4 Bq/Kg raw	— Bq/Kg raw	444	Cs137	1.0 Bq/Kg raw
			Cs134	63.8 Bq/Kg raw	± 12.6 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	174 Bq/Kg raw	± 22.6 Bq/Kg raw	— Bq/Kg raw	195	Cs137	1.0 Bq/Kg raw
			Cs134	21.3 Bq/Kg raw	± 7.3 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	333 Bq/Kg raw	± 37.8 Bq/Kg raw	— Bq/Kg raw	393	Cs137	1.0 Bq/Kg raw
			Cs134	59.7 Bq/Kg raw	± 12.2 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	428 Bq/Kg raw	± 46.0 Bq/Kg raw	— Bq/Kg raw	499	Cs137	1.0 Bq/Kg raw
			Cs134	70.7 Bq/Kg raw	± 12.6 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	313 Bq/Kg raw	± 36.3 Bq/Kg raw	— Bq/Kg raw	371	Cs137	1.0 Bq/Kg raw
			Cs134	58.7 Bq/Kg raw	± 10.9 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	344 Bq/Kg raw	± 38.2 Bq/Kg raw	— Bq/Kg raw	395	Cs137	1.0 Bq/Kg raw
			Cs134	51.7 Bq/Kg raw	± 10.4 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	336 Bq/Kg raw	± 37.5 Bq/Kg raw	— Bq/Kg raw	391	Cs137	1.0 Bq/Kg raw
			Cs134	55.2 Bq/Kg raw	± 10.9 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Farm soil	Kouya Uchigo Iwaki	Jan-16	Cs137	331 Bq/Kg raw	± 37.2 Bq/Kg raw	— Bq/Kg raw	385	Cs137	1.0 Bq/Kg raw
			Cs134	53.3 Bq/Kg raw	± 10.9 Bq/Kg raw	— Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Dust in the air	Nagisa nursery school (Playground)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	5.7 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Hisanohama Daini elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.3 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Tsuwada elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.6 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Uchimachi elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.6 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Shiramizu elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.2 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Takasaka elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.2 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Miya elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	5.2 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Kouya elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.3 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	— mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>

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

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

※Please note that the value of vacuum cleaner dust may vary according to models and specifications.

★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	
Dust in the air	Yoshima Daiichi elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.8 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Yoshima Daini elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	4.8 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Yoshima Daisan elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	3.9 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>
Dust in the air	Yoshima Daiyon elementary school (Schoolyard)	Feb-16	Cs137	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>	Under Minimum Limit of Detection	Cs137	5.2 mBq/m <sup>3</sup>
			Cs134	— mBq/m <sup>3</sup>	± — mBq/m <sup>3</sup>		Cs134	— mBq/m <sup>3</sup>

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

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

※Please note that the value of vacuum cleaner dust may vary according to models and specifications.



## ★Beta-ray

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

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty	Minimum Limit of Detection
Tuna products	Off the Pacific coast	January 2016 production	T(Free)	Under Minimum Limit of Detection Bq/Kg raw	± — Bq/Kg raw	3.90 Bq/Kg raw
Chinese cabbage	Taira Iwaki	Oct-15	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.09 Bq/Kg dry
Persimmon	Taira Iwaki	Oct-15	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.38 Bq/Kg dry
Milk	unknown	unknown	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.83 Bq/Kg dry
Dried sardine	Kagawa	Jan-14	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.16 Bq/Kg dry
Dried sardine	Toyama	Jan-14	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.38 Bq/Kg dry
Dried sardine	Tottori	unknown	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.35 Bq/Kg dry
Young lancefish	Miyagi	Apr-15	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	2.38 Bq/Kg dry
Pine leaves	Canada	Jun-15	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.27 Bq/Kg dry
Lichen	Canada	Jul-15	T(Organization)	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	1.10 Bq/Kg dry
Raw mekabu (sea vegetable)	Miyagi	Feb-15	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	0.15 Bq/Kg dry
Raw clams	Fukushima	Jul-15	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	0.25 Bq/Kg dry
Raw oysters	Miyagi	Jul-15	Sr90	Under Minimum Limit of Detection Bq/Kg dry	± — Bq/Kg dry	0.24 Bq/Kg dry
Lichen	Canada	Jul-15	Sr90	1.55 Bq/Kg dry	± 0.05 Bq/Kg dry	0.14 Bq/Kg dry

T(Free) : Tritium(Free water) T(Organization) : Tritium(Organization bound water) Sr90 : Strontium90

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

