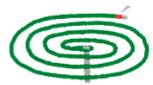




Radiation Measurement Results of 175 Items in July



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 | |
|-------------------------------|-----------------------------|----------------|--------------------|------|---------------------------|----------------------------------|----------------------------|---------------|
| Potato | Namie, Futaba, Fukushima | Jun-22 | Cs137 | — | Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.0 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 1.9 Bq/kg raw |
| Potato | Funehiki, Tamura, Fukushima | Jun-22 | 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 |
| Potato | Date, Date, Fukushima | Jun-22 | Cs137 | — | Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.4 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 1.1 Bq/kg raw |
| Potato | Date, Fukushima | Jun-22 | 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 |
| Potato | Sakura, Tochigi | Jun-22 | 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 |
| Potato | Hitachi, Ibaraki | Jul-22 | Cs137 | — | Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.8 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 1.7 Bq/kg raw |
| Carrot | Sakura, Tochigi | Jun-22 | Cs137 | — | Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.4 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 2.3 Bq/kg raw |
| Japanese white radish(pulp) | Koriyama, Fukushima | Jun-22 | 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 |
| Japanese white radish(leaves) | Koriyama, Fukushima | Jun-22 | Cs137 | — | Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 4.0 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 3.2 Bq/kg raw |
| Japanese white radish(pulp) | Hitachi, Ibaraki | Jul-22 | 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 |
| Dried Japanese white radish | Miharu, Tamura, Fukushima | Jun-22 | Cs137 | 14.1 | Bq/kg raw ± 3.5 Bq/kg raw | 14.1 | Cs137 | 3.2 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 2.5 Bq/kg raw |
| Eggplant | Minamisoma, Fukushima | Jun-22 | Cs137 | — | Bq/kg raw ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 3.4 Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw ± — Bq/kg raw | | Cs134 | 3.2 Bq/kg raw |
| Eggplant | Tsukidate, Date, Fukushima | Jul-22 | 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 |
| Eggplant | Yamamoto, Watari, Miyagi | Jul-22 | 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 |
| Cucumber | Minamisoma, Fukushima | Jun-22 | 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 |
| Cucumber | Ryouzen, Date, Fukushima | Jul-22 | 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 |
| Cucumber | Hitachi, Ibaraki | Jul-22 | 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 |

※"—" 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 | | | | |
|--------------------------|-----------------------------|----------------|--------------------|-------|-------------|---|------------------------|----------------------------|----------------------------------|-------|-----|-----------|
| | | | Cs137 | Cs134 | ± | — | | Cs137 | Cs134 | | | |
| Zucchini | Ryouzen, Date, Fukushima | Jul-22 | 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 | 2.1 | Bq/kg raw |
| Zucchini | Kori, Date, Fukushima. | Jun-22 | 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 |
| Zucchini | Hitachi, Ibaraki | Jul-22 | Cs137 | — | Bq/kg raw | ± | — | Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.5 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw | ± | — | Bq/kg raw | | Cs134 | 2.4 | Bq/kg raw |
| Common bean | Aizuwakamatsu, Fukushima | Jul-22 | 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 |
| String beans | Hitachi, Ibaraki | Jul-22 | 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 |
| Pumpkin | Otsuki, Koriyama, Fukushima | Jun-22 | 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 | 2.1 | Bq/kg raw |
| Cabbage | Namie, Futaba, Fukushima | Jun-22 | 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 | 2.9 | Bq/kg raw |
| Cabbage | Hitachi, Ibaraki | Jul-22 | Cs137 | — | Bq/kg raw | ± | — | Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 3.4 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw | ± | — | Bq/kg raw | | Cs134 | 3.1 | Bq/kg raw |
| Cabbage | Sakura, Tochigi | Jun-22 | 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 |
| Spinach | Inawashiro, Yama, Fukushima | Jul-22 | 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 |
| Japanese mustard spinach | Watari, Watari, Miyagi | Jul-22 | 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 |
| Malabar spinach | Yanagawa, Date, Fukushima | Jul-22 | Cs137 | — | Bq/kg raw | ± | — | Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.5 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw | ± | — | Bq/kg raw | | Cs134 | 1.2 | Bq/kg raw |
| Malabar spinach | Aizuwakamatsu, Fukushima | Jul-22 | 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 |
| Cauliflower | Kori, Date, Fukushima. | Jun-22 | 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 |
| Colinkey | Yanagawa, Date, Fukushima | Jul-22 | 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 | 1.4 | Bq/kg raw |
| Colinkey | Aizuwakamatsu, Fukushima | Jul-22 | 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 |
| Burdock | Tamura, Koriyama, Fukushima | Jun-22 | 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 |
| Leek | Aizuwakamatsu, Fukushima | Jul-22 | 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 |
| Small green onion | Kikuta, Koriyama, Fukushima | Jun-22 | 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 |
| Red perilla | Mihota, Koriyama, Fukushima | Jun-22 | Cs137 | — | Bq/kg raw | ± | — | Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 4.7 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw | ± | — | Bq/kg raw | | Cs134 | 4.4 | Bq/kg raw |
| Perilla | Hitachi, Ibaraki | Jul-22 | Cs137 | — | Bq/kg raw | ± | — | Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 4.4 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw | ± | — | Bq/kg raw | | Cs134 | 4.1 | Bq/kg raw |
| Scallion | Tamura, Koriyama, Fukushima | Jun-22 | 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 |
| Kohlrabi | Fukushima, Fukushima Pref. | Jun-22 | 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 |
| Corn | Watari, Watari, Miyagi | Jul-22 | Cs137 | — | Bq/kg raw | ± | — | Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.2 | Bq/kg raw |
| | | | Cs134 | — | Bq/kg raw | ± | — | Bq/kg raw | | Cs134 | 1.0 | Bq/kg raw |

※"_" 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 | |
|--|--|----------------|--------------------|-----------|-------------|-----------|----------------------------------|----------------------------|-----------|
| | | | Cs137 | Bq/kg raw | ± | Bq/kg raw | | Cs137 | Bq/kg raw |
| Tomato | Minamisoma, Fukushima | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.6 |
| Tomato | Ryouzen, Date, Fukushima | Jul-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.8 |
| | | | Cs134 | — | ± | — | | Cs134 | 3.6 |
| Soybeans | Nishigo, Nishishirakawa, Fukushima | Jun-22 | Cs137 | 17.7 | ± | 3.1 | 17.7 | Cs137 | 1.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.4 |
| Green soybean | Fukushima, Fukushima Pref. | May-22 | Cs137 | 28.0 | ± | 3.4 | 28.0 | Cs137 | 1.4 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.1 |
| Ume | Okuma, Futaba, Fukushima | Jun-22 | Cs137 | 34.0 | ± | 7.1 | 34.0 | Cs137 | 2.6 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.4 |
| Ume | Fukushima Pref. | Jun-22 | Cs137 | 7.8 | ± | 2.0 | 7.8 | Cs137 | 1.9 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.8 |
| Raw ume | Koriyama, Fukushima | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.3 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.1 |
| Blueberry | Miharu, Tamura, Fukushima | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.9 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.6 |
| Plum | Hobara, Date, Fukushima | Jul-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.6 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.4 |
| Warabi(wild) | Minamiaizu, Fukushima | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.4 |
| Shitake mushroom log grown(dried) | Yamatsuri, Higashishirakawa, Fukushima | Jun-22 | Cs137 | 65.9 | ± | 10.8 | 65.9 | Cs137 | 7.9 |
| | | | Cs134 | — | ± | — | | Cs134 | 6.2 |
| Shitake mushroom log grown(dried) | Tamura, Koriyama, Fukushima | Jun-22 | Cs137 | 46.1 | ± | 9.4 | 46.1 | Cs137 | 8.3 |
| | | | Cs134 | — | ± | — | | Cs134 | 6.3 |
| Dried shiitake mushroom | Shirakawa, Fukushima | Jun-22 | Cs137 | 8.3 | ± | 5.0 | 8.3 | Cs137 | 6.3 |
| | | | Cs134 | — | ± | — | | Cs134 | 5.0 |
| Shitake mushroom grown in bacteria-bed | Kurihara, Miyagi | Jul-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.5 |
| Eryngii mushroom | Iwaki City | Jun-22 | Cs137 | 3.1 | ± | 1.7 | 3.1 | Cs137 | 1.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.1 |
| Rice miso | Kori, Date, Fukushima. | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.3 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.3 |
| Konjac | Ishikawa, Ishikawa, Fukushima | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.2 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.1 |
| Soy pulp | Tamura, Koriyama, Fukushima | Jun-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.6 |
| Buckwheat | Tamura, Fukushima | May-22 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 1.2 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.0 |
| Soil(in the park) under the bench | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 586.0 | ± | 59.6 | 602.4 | Cs137 | 1.3 |
| | | | Cs134 | 16.4 | ± | 1.9 | | Cs134 | 1.5 |
| Soil (in the park) | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 542.0 | ± | 56.5 | 563.1 | Cs137 | 2.6 |
| | | | Cs134 | 21.1 | ± | 2.7 | | Cs134 | 2.9 |
| Soil (in the park) | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 312.0 | ± | 32.2 | 320.9 | Cs137 | 1.4 |
| | | | Cs134 | 8.9 | ± | 1.3 | | Cs134 | 1.7 |
| Soil (in the park) | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 123.0 | ± | 12.9 | 127.2 | Cs137 | 1.1 |
| | | | Cs134 | 4.2 | ± | 0.7 | | Cs134 | 1.4 |
| Soil (in the park) | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 72.5 | ± | 8.7 | 72.5 | Cs137 | 1.5 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.0 |

※"_" 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) | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 38.4 Bq/kg dry | ± 4.5 Bq/kg dry | 38.4 | 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 slide | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 33.3 Bq/kg dry | ± 3.7 Bq/kg dry | 33.3 | 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 | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 22.0 Bq/kg dry | ± 2.7 Bq/kg dry | 22.0 | Cs137 | 1.9 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.2 Bq/kg dry | |
| Soil(in the park) under the rest area | Hamanosaku Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 4.8 Bq/kg dry | ± 0.8 Bq/kg dry | 4.8 | Cs137 | 1.9 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (in the park) | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 1660.0 Bq/kg dry | ± 168.0 Bq/kg dry | 1707.7 | Cs137 | 2.1 Bq/kg dry | |
| | | | Cs134 | 47.7 Bq/kg dry | ± 5.3 Bq/kg dry | | Cs134 | 2.1 Bq/kg dry | |
| Soil (in the park) | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 610.0 Bq/kg dry | ± 62.3 Bq/kg dry | 625.3 | Cs137 | 1.6 Bq/kg dry | |
| | | | Cs134 | 15.3 Bq/kg dry | ± 1.9 Bq/kg dry | | Cs134 | 1.8 Bq/kg dry | |
| Soil (in the park) | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 567.0 Bq/kg dry | ± 58.6 Bq/kg dry | 587.3 | Cs137 | 2.2 Bq/kg dry | |
| | | | Cs134 | 20.3 Bq/kg dry | ± 2.5 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil(in the park) under the slide | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 504.0 Bq/kg dry | ± 51.8 Bq/kg dry | 519.9 | Cs137 | 2.1 Bq/kg dry | |
| | | | Cs134 | 15.9 Bq/kg dry | ± 2.1 Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (in the park) | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 375.0 Bq/kg dry | ± 39.3 Bq/kg dry | 384.7 | Cs137 | 2.3 Bq/kg dry | |
| | | | Cs134 | 9.7 Bq/kg dry | ± 1.5 Bq/kg dry | | Cs134 | 2.9 Bq/kg dry | |
| Soil(in the park) under the monkey bars | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 167.0 Bq/kg dry | ± 17.3 Bq/kg dry | 170.8 | Cs137 | 1.0 Bq/kg dry | |
| | | | Cs134 | 3.8 Bq/kg dry | ± 0.6 Bq/kg dry | | Cs134 | 1.3 Bq/kg dry | |
| Soil(in the park) under the obstacle course | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 126.0 Bq/kg dry | ± 13.2 Bq/kg dry | 128.4 | Cs137 | 1.0 Bq/kg dry | |
| | | | Cs134 | 2.4 Bq/kg dry | ± 0.5 Bq/kg dry | | Cs134 | 1.2 Bq/kg dry | |
| Soil(in the park) under the basketball goal | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 89.1 Bq/kg dry | ± 9.8 Bq/kg dry | 89.1 | Cs137 | 2.5 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.2 Bq/kg dry | |
| Soil(in the park) under the animal seesaw | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 82.2 Bq/kg dry | ± 9.3 Bq/kg dry | 82.2 | Cs137 | 3.2 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.9 Bq/kg dry | |
| Soil(in the park) under the balance beam | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | 64.1 Bq/kg dry | ± 6.8 Bq/kg dry | 65.8 | Cs137 | 1.0 Bq/kg dry | |
| | | | Cs134 | 1.7 Bq/kg dry | ± 0.4 Bq/kg dry | | Cs134 | 1.2 Bq/kg dry | |
| Soil(in the park) under the swing | Furunuma Park Chuodai-takaku, Iwaki | Jun-22 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | 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 flower bed | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 2820.0 Bq/kg dry | ± 285.0 Bq/kg dry | 2904.2 | Cs137 | 2.6 Bq/kg dry | |
| | | | Cs134 | 84.2 Bq/kg dry | ± 9.0 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 2180.0 Bq/kg dry | ± 22.2 Bq/kg dry | 2245.5 | Cs137 | 3.8 Bq/kg dry | |
| | | | Cs134 | 65.5 Bq/kg dry | ± 7.5 Bq/kg dry | | Cs134 | 3.9 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 2130.0 Bq/kg dry | ± 216.0 Bq/kg dry | 2182.4 | Cs137 | 2.4 Bq/kg dry | |
| | | | Cs134 | 52.4 Bq/kg dry | ± 5.8 Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 1370.0 Bq/kg dry | ± 139.0 Bq/kg dry | 1409.2 | Cs137 | 2.0 Bq/kg dry | |
| | | | Cs134 | 39.2 Bq/kg dry | ± 4.4 Bq/kg dry | | Cs134 | 2.0 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 1290.0 Bq/kg dry | ± 132.0 Bq/kg dry | 1334.4 | Cs137 | 3.2 Bq/kg dry | |
| | | | Cs134 | 44.4 Bq/kg dry | ± 5.2 Bq/kg dry | | Cs134 | 3.2 Bq/kg dry | |
| Soil(in the park) under the flower bed | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 870.0 Bq/kg dry | ± 89.3 Bq/kg dry | 895.8 | Cs137 | 2.8 Bq/kg dry | |
| | | | Cs134 | 25.8 Bq/kg dry | ± 3.4 Bq/kg dry | | Cs134 | 3.2 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 852.0 Bq/kg dry | ± 87.9 Bq/kg dry | 876.7 | Cs137 | 3.2 Bq/kg dry | |
| | | | Cs134 | 24.7 Bq/kg dry | ± 3.3 Bq/kg dry | | Cs134 | 3.5 Bq/kg dry | |
| Soil(in the park) under the bench | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 626.0 Bq/kg dry | ± 63.7 Bq/kg dry | 641.7 | Cs137 | 1.4 Bq/kg dry | |
| | | | Cs134 | 15.7 Bq/kg dry | ± 1.9 Bq/kg dry | | Cs134 | 1.5 Bq/kg dry | |
| Soil(in the park) under the flower bed | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 605.0 Bq/kg dry | ± 63.0 Bq/kg dry | 627.5 | Cs137 | 2.5 Bq/kg dry | |
| | | | Cs134 | 22.5 Bq/kg dry | ± 2.8 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.



★Gamma-ray

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

| Samples | Sampling Point | Sampling Month | Measurement Result | | Uncertainty | | Total Amount of Cesium | Minimum Limit of Detection | |
|--|---|----------------|--------------------|------------------|-------------------|--|------------------------|----------------------------|--|
| Soil(in the park) under the tire playset | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 407.0 Bq/kg dry | ± 42.6 Bq/kg dry | 417.2 | Cs137 | 2.3 Bq/kg dry | |
| | | | Cs134 | 10.2 Bq/kg dry | ± 1.7 Bq/kg dry | | Cs134 | 2.8 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 148.0 Bq/kg dry | ± 15.5 Bq/kg dry | 152.1 | Cs137 | 1.2 Bq/kg dry | |
| | | | Cs134 | 4.1 Bq/kg dry | ± 0.7 Bq/kg dry | | Cs134 | 1.5 Bq/kg dry | |
| Soil(in the park) under the bench | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 117.0 Bq/kg dry | ± 12.9 Bq/kg dry | 121.0 | Cs137 | 2.0 Bq/kg dry | |
| | | | Cs134 | 4.0 Bq/kg dry | ± 1.0 Bq/kg dry | | Cs134 | 2.6 Bq/kg dry | |
| Soil(in the park) under the bench | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 64.5 Bq/kg dry | ± 7.3 Bq/kg dry | 64.5 | Cs137 | 2.5 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park② Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 | 1.3 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.2 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 6120.0 Bq/kg dry | ± 621.0 Bq/kg dry | 6308.0 | Cs137 | 7.7 Bq/kg dry | |
| | | | Cs134 | 188.0 Bq/kg dry | ± 20.7 Bq/kg dry | | Cs134 | 7.3 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 1870.0 Bq/kg dry | ± 189.0 Bq/kg dry | 1918.7 | Cs137 | 2.3 Bq/kg dry | |
| | | | Cs134 | 48.7 Bq/kg dry | ± 5.5 Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 981.0 Bq/kg dry | ± 99.8 Bq/kg dry | 1005.1 | Cs137 | 1.8 Bq/kg dry | |
| | | | Cs134 | 24.1 Bq/kg dry | ± 2.8 Bq/kg dry | | Cs134 | 1.9 Bq/kg dry | |
| Soil(in the park) under the big tree | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 655.0 Bq/kg dry | ± 68.2 Bq/kg dry | 679.0 | Cs137 | 2.6 Bq/kg dry | |
| | | | Cs134 | 24.0 Bq/kg dry | ± 3.0 Bq/kg dry | | Cs134 | 3.2 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 523.0 Bq/kg dry | ± 53.3 Bq/kg dry | 538.0 | Cs137 | 1.5 Bq/kg dry | |
| | | | Cs134 | 15.0 Bq/kg dry | ± 1.9 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry | |
| Soil(in the park) under the bench | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 356.0 Bq/kg dry | ± 37.2 Bq/kg dry | 366.2 | Cs137 | 2.2 Bq/kg dry | |
| | | | Cs134 | 10.2 Bq/kg dry | ± 1.6 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 298.0 Bq/kg dry | ± 31.1 Bq/kg dry | 305.5 | Cs137 | 2.0 Bq/kg dry | |
| | | | Cs134 | 7.5 Bq/kg dry | ± 1.3 Bq/kg dry | | Cs134 | 2.4 Bq/kg dry | |
| Soil(in the park) under the animal playset | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 251.0 Bq/kg dry | ± 26.7 Bq/kg dry | 258.7 | Cs137 | 2.1 Bq/kg dry | |
| | | | Cs134 | 7.7 Bq/kg dry | ± 1.4 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 244.0 Bq/kg dry | ± 35.8 Bq/kg dry | 248.4 | Cs137 | 2.3 Bq/kg dry | |
| | | | Cs134 | 4.4 Bq/kg dry | ± 1.3 Bq/kg dry | | Cs134 | 2.8 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 178.0 Bq/kg dry | ± 18.5 Bq/kg dry | 183.5 | Cs137 | 1.0 Bq/kg dry | |
| | | | Cs134 | 5.5 Bq/kg dry | ± 0.9 Bq/kg dry | | Cs134 | 1.3 Bq/kg dry | |
| Soil (in the park) | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 169.0 Bq/kg dry | ± 18.3 Bq/kg dry | 174.9 | Cs137 | 2.0 Bq/kg dry | |
| | | | Cs134 | 5.9 Bq/kg dry | ± 1.2 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil(in the park) Sandbox | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 143.0 Bq/kg dry | ± 14.8 Bq/kg dry | 147.5 | Cs137 | 0.8 Bq/kg dry | |
| | | | Cs134 | 4.5 Bq/kg dry | ± 0.7 Bq/kg dry | | Cs134 | 1.0 Bq/kg dry | |
| Soil(in the park) under the tree | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 100.0 Bq/kg dry | ± 11.1 Bq/kg dry | 103.1 | Cs137 | 2.0 Bq/kg dry | |
| | | | Cs134 | 3.1 Bq/kg dry | ± 0.9 Bq/kg dry | | Cs134 | 2.6 Bq/kg dry | |
| Soil(in the park) under the monkey bars | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 80.5 Bq/kg dry | ± 8.6 Bq/kg dry | 82.7 | Cs137 | 1.0 Bq/kg dry | |
| | | | Cs134 | 2.2 Bq/kg dry | ± 0.5 Bq/kg dry | | Cs134 | 1.3 Bq/kg dry | |
| Soil(in the park) under the swing | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 78.4 Bq/kg dry | ± 8.7 Bq/kg dry | 80.8 | Cs137 | 1.6 Bq/kg dry | |
| | | | Cs134 | 2.4 Bq/kg dry | ± 0.7 Bq/kg dry | | Cs134 | 2.0 Bq/kg dry | |
| Soil(in the park) under the seesaw | Otsurugi Park③ Shimogawa, Izumi, Iwaki | Jun-22 | Cs137 | 36.4 Bq/kg dry | ± 4.0 Bq/kg dry | 36.4 | Cs137 | 1.0 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.3 Bq/kg dry | |
| Vacuum cleaner dust | Miharu, Tamura, Fukushima | Jun-21 | Cs137 | 130.5 Bq/kg raw | ± 13.8 Bq/kg raw | 130.5 | Cs137 | 4.5 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 3.4 Bq/kg raw | |
| Vacuum cleaner dust | Miharu, Tamura, Fukushima | Jun-22 | Cs137 | 106.4 Bq/kg raw | ± 11.6 Bq/kg raw | 106.4 | Cs137 | 4.1 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 3.2 Bq/kg raw | |
| Vacuum cleaner dust | Funehiki, Tamura, Fukushima | Apr-22 | Cs137 | 175.0 Bq/kg raw | ± 22.2 Bq/kg raw | 175.0 | Cs137 | 7.8 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 6.7 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 | |
|---------------------|--------------------------|----------------|--------------------|--------------------------------|---------------------------------|----------------------------|------------------------------|
| Vacuum cleaner dust | Onahamahanabatake, Iwaki | Jul-22 | Cs137 | 232.5 <small>Bq/kg raw</small> | ± 23.8 <small>Bq/kg raw</small> | 232.5 | |
| | | | Cs134 | — <small>Bq/kg raw</small> | ± — <small>Bq/kg raw</small> | | Cs137 |
| | | | | | | Cs134 | 5.2 <small>Bq/kg raw</small> |

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

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



★Gamma-ray

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

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

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

| Samples | Sampling Point | Sampling Month | Measuring instrument type | Measurement Result | | Uncertainty | | Total Amount of Cesium | Minimum Limit of Detection | |
|------------------------|--|----------------|---------------------------|--------------------|----------------|------------------|----------------------------------|------------------------|----------------------------|--|
| | | | | | | | | | | |
| Rice | Motomiya, Fukushima | Oct-21 | CA | Cs137 | 0.5 Bq/kg raw | ± 0.05 Bq/kg raw | 0.5 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Rice | Nishigo, Nishishirakawa, Fukushima | Oct-21 | CA | Cs137 | 0.4 Bq/kg raw | ± 0.04 Bq/kg raw | 0.4 | Cs137 | 0.08 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.09 Bq/kg raw | |
| Rice | Akita Pref. | Oct-21 | OR | Cs137 | 0.08 Bq/kg raw | ± 0.02 Bq/kg raw | 0.08 | Cs137 | 0.04 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.06 Bq/kg raw | |
| Potato | Haramachi, Minamisoma, Fukushima | Jul-22 | OR | 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 | | | 0.09 Bq/kg raw | |
| Onion | Haramachi, Minamisoma, Fukushima | Jul-22 | 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 | | | 0.1 Bq/kg raw | |
| Onion | Onahamasumiyoshi, Iwaki | Jun-22 | CA | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Garlic | Onahamasumiyoshi, Iwaki | Jun-22 | OR | 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 | | | 0.6 Bq/kg raw | |
| Cherry tomato | Minamiaizu, Fukushima | Jun-22 | 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 | | | 0.6 Bq/kg raw | |
| Garland chrysanthemum | Hitachiota, Ibaraki | Jul-22 | 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 | | | 0.1 Bq/kg raw | |
| Japanese pepper | Katahira, Koriyama, Fukushima | Jun-22 | OR | Cs137 | 4.5 Bq/kg raw | ± 0.3 Bq/kg raw | 4.5 | Cs137 | 0.6 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.7 Bq/kg raw | |
| Powder of dried bonito | Japan (production) | Jul-22 | OR | Cs137 | 0.12 Bq/kg raw | ± 0.02 Bq/kg raw | 0.12 | Cs137 | 0.03 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.03 Bq/kg raw | |
| Herring | HaragamaPort/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.3 Bq/kg raw | ± 0.07 Bq/kg raw | 0.3 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Brown hakeling | HaragamaPort/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.2 Bq/kg raw | ± 0.1 Bq/kg raw | 0.2 | Cs137 | 0.2 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.2 Bq/kg raw | |
| White rockfish | Off the coast of Soma/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.6 Bq/kg raw | ± 0.1 Bq/kg raw | 0.6 | Cs137 | 0.2 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.2 Bq/kg raw | |
| Sea bass | Hisanohama Port/ Iwaki City | May-22 | OR | Cs137 | 0.6 Bq/kg raw | ± 0.1 Bq/kg raw | 0.6 | Cs137 | 0.2 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.2 Bq/kg raw | |
| Mackerel | Ena Port/ Iwaki City | Jun-22 | CA | Cs137 | 0.3 Bq/kg raw | ± 0.1 Bq/kg raw | 0.3 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Chestnut octopus | HaragamaPort/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.2 Bq/kg raw | ± 0.07 Bq/kg raw | 0.2 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Mimika bobtail squid | HaragamaPort/ Fukushima Pref. | Jun-22 | 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 | | | 0.3 Bq/kg raw | |
| Well water | Okuma, Futaba, Fukushima | Jul-22 | OR | Cs137 | 0.002 Bq/L | ± 0.0004 Bq/L | 0.002 | Cs137 | 0.0009 Bq/L | |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | | 0.001 Bq/L | |
| Tap water | Odaka, Minamisoma, Fukushima | Jul-22 | OR | Cs137 | — Bq/L | ± — Bq/L | Under Minimum Limit of Detection | Cs137 | 0.001 Bq/L | |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | | 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.

| Samples | Sampling Point | Sampling Month | Measuring instrument type | Measurement Result | | Uncertainty | | Total Amount of Cesium | Minimum Limit of Detection | | |
|--|-----------------------------------|----------------|---------------------------|--------------------|-----------------|-------------|-------------|----------------------------------|----------------------------|---------------|--|
| | | | | | | | | | | | |
| Tap water | Tadami, Minamiaizu, Fukushima | Jun-22 | 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 | |
| Tap water | Hitachiota, Ibaraki | Jul-22 | 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 | |
| River water (surface) | River Fuzawa/ Fukushima Pref. | Jun-22 | 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 (surface) | Soma Port/ Fukushima Pref. | Jun-22 | OR | 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 (surface) | Murakami Coast/ Fukushima Pref. | Jun-22 | OR | 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 (surface) | Ukedo Port/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.017 Bq/L | ± 0.0007 | Bq/L | 0.017 | Cs137 | 0.0009 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 Bq/L | |
| Sea water (surface) | Futaba Beach/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.071 Bq/L | ± 0.001 | Bq/L | 0.073 | Cs137 | 0.001 Bq/L | |
| | | | | Cs134 | 0.002 Bq/L | ± 0.0006 | Bq/L | | Cs134 | 0.001 Bq/L | |
| Sea water (surface) | Kumagawa Estuary/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.024 Bq/L | ± 0.0008 | Bq/L | 0.024 | Cs137 | 0.001 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 Bq/L | |
| Sea water (surface) | Iwasawa Beach/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.016 Bq/L | ± 0.0007 | Bq/L | 0.016 | Cs137 | 0.001 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 Bq/L | |
| Sea water (surface) | Onahama Port/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.004 Bq/L | ± 0.0005 | Bq/L | 0.004 | Cs137 | 0.0009 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 Bq/L | |
| Sea water (surface) | Sunmarina/ Fukushima Pref. | Jun-22 | OR | 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 (surface) | Toyooka Coast/ Ibaraki Pref. | Jul-22 | OR | 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 | |
| Suspended solid in river water (surface) | River Fuzawa/ Fukushima Pref. | Jun-22 | CA | Cs137 | — Bq/L | ± | — Bq/L | Under Minimum Limit of Detection | Cs137 | 0.0009 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 Bq/L | |
| Suspended solid in sea water (surface) | Soma Port/ Fukushima Pref. | Jun-22 | 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 | |
| Suspended solid in sea water (surface) | Murakami Coast/ Fukushima Pref. | Jun-22 | CA | Cs137 | 0.006 Bq/L | ± 0.0009 | Bq/L | 0.006 | Cs137 | 0.002 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.002 Bq/L | |
| Suspended solid in sea water (surface) | Ukedo Port/ Fukushima Pref. | Jun-22 | CA | Cs137 | 0.016 Bq/L | ± 0.001 | Bq/L | 0.016 | Cs137 | 0.002 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.002 Bq/L | |
| Suspended solid in sea water (surface) | Iwasawa Beach/ Fukushima Pref. | Jun-22 | CA | Cs137 | 0.05 Bq/L | ± 0.001 | Bq/L | 0.05 | Cs137 | 0.002 Bq/L | |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.002 Bq/L | |
| Suspended solid in sea water (surface) | Onahama Port/ Fukushima Pref. | Jun-22 | 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 | |
| Suspended solid in sea water (surface) | Toyooka Coast/ Ibaraki Pref. | Jul-22 | 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 | |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | CA | Cs137 | 658.1 Bq/kg dry | ± 7.3 | Bq/kg dry | 677.2 | Cs137 | 2.7 Bq/kg dry | |
| | | | | Cs134 | 19.1 Bq/kg dry | ± 1.2 | Bq/kg dry | | Cs134 | 2.8 Bq/kg dry | |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | OR | Cs137 | 247.3 Bq/kg dry | ± 5.2 | Bq/kg dry | 254.0 | Cs137 | 2.7 Bq/kg dry | |
| | | | | Cs134 | 6.7 Bq/kg dry | ± 1.5 | Bq/kg dry | | Cs134 | 2.8 Bq/kg dry | |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | OR | Cs137 | 145.6 Bq/kg dry | ± 2.7 | Bq/kg dry | 148.8 | Cs137 | 1.6 Bq/kg dry | |
| | | | | Cs134 | 3.2 Bq/kg dry | ± 0.8 | Bq/kg dry | | Cs134 | 1.5 Bq/kg dry | |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | OR | Cs137 | 29.0 Bq/kg dry | ± 1.7 | Bq/kg dry | 29.0 | Cs137 | 1.8 Bq/kg dry | |
| | | | | Cs134 | — Bq/kg dry | ± | — Bq/kg dry | | Cs134 | 2.1 Bq/kg dry | |
| Soil | Onahamaohara, Iwaki | Jun-22 | OR | Cs137 | 146.0 Bq/kg dry | ± 2.4 | Bq/kg dry | 150.4 | Cs137 | 1.2 Bq/kg dry | |
| | | | | Cs134 | 4.4 Bq/kg dry | ± 0.5 | 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.

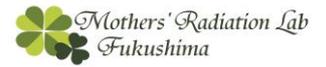
★Gamma-ray

(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 | |
|-----------------------|---|----------------|---------------------------|--------------------|-----------------|-------------|---------------|------------------------|----------------------------|---------------|
| | | | | | | | | | | |
| Soil (in the park) | Furunuma Park/ Chuodai-Takaku, Iwaki | Jun-22 | OR | Cs137 | 207.5 Bq/kg dry | ± | 4.8 Bq/kg dry | 213.2 | Cs137 | 2.6 Bq/kg dry |
| | | | | Cs134 | 5.7 Bq/kg dry | ± | 1.4 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry |

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

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



★Gamma-ray

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

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

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

| Samples | Sampling Point | Sampling Month | Measuring instrument type | Measurement Result | | Uncertainty | | Total Amount of Cesium | Minimum Limit of Detection | |
|------------------------|--|----------------|---------------------------|--------------------|----------------|------------------|----------------------------------|------------------------|----------------------------|--|
| | | | | | | | | | | |
| Rice | Motomiya, Fukushima | Oct-21 | CA | Cs137 | 0.5 Bq/kg raw | ± 0.05 Bq/kg raw | 0.5 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Rice | Nishigo, Nishishirakawa, Fukushima | Oct-21 | CA | Cs137 | 0.4 Bq/kg raw | ± 0.04 Bq/kg raw | 0.4 | Cs137 | 0.08 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.09 Bq/kg raw | |
| Rice | Akita Pref. | Oct-21 | OR | Cs137 | 0.08 Bq/kg raw | ± 0.02 Bq/kg raw | 0.08 | Cs137 | 0.04 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.06 Bq/kg raw | |
| Potato | Haramachi, Minamisoma, Fukushima | Jul-22 | OR | 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 | | | 0.09 Bq/kg raw | |
| Onion | Haramachi, Minamisoma, Fukushima | Jul-22 | 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 | | | 0.1 Bq/kg raw | |
| Onion | Onahamasumiyoshi, Iwaki | Jun-22 | CA | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Garlic | Onahamasumiyoshi, Iwaki | Jun-22 | OR | 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 | | | 0.6 Bq/kg raw | |
| Cherry tomato | Minamiaizu, Fukushima | Jun-22 | 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 | | | 0.6 Bq/kg raw | |
| Garland chrysanthemum | Hitachiota, Ibaraki | Jul-22 | 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 | | | 0.1 Bq/kg raw | |
| Japanese pepper | Katahira, Koriyama, Fukushima | Jun-22 | OR | Cs137 | 4.5 Bq/kg raw | ± 0.3 Bq/kg raw | 4.5 | Cs137 | 0.6 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.7 Bq/kg raw | |
| Powder of dried bonito | Japan (production) | Jul-22 | OR | Cs137 | 0.12 Bq/kg raw | ± 0.02 Bq/kg raw | 0.12 | Cs137 | 0.03 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.03 Bq/kg raw | |
| Herring | HaragamaPort/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.3 Bq/kg raw | ± 0.07 Bq/kg raw | 0.3 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Brown hakeling | HaragamaPort/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.2 Bq/kg raw | ± 0.1 Bq/kg raw | 0.2 | Cs137 | 0.2 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.2 Bq/kg raw | |
| White rockfish | Off the coast of Soma/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.6 Bq/kg raw | ± 0.1 Bq/kg raw | 0.6 | Cs137 | 0.2 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.2 Bq/kg raw | |
| Sea bass | Hisanohama Port/ Iwaki City | May-22 | OR | Cs137 | 0.6 Bq/kg raw | ± 0.1 Bq/kg raw | 0.6 | Cs137 | 0.2 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.2 Bq/kg raw | |
| Mackerel | Ena Port/ Iwaki City | Jun-22 | CA | Cs137 | 0.3 Bq/kg raw | ± 0.1 Bq/kg raw | 0.3 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Chestnut octopus | HaragamaPort/ Fukushima Pref. | Apr-22 | CA | Cs137 | 0.2 Bq/kg raw | ± 0.07 Bq/kg raw | 0.2 | Cs137 | 0.1 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 0.1 Bq/kg raw | |
| Mimika bobtail squid | HaragamaPort/ Fukushima Pref. | Jun-22 | 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 | | | 0.3 Bq/kg raw | |
| Well water | Okuma, Futaba, Fukushima | Jul-22 | OR | Cs137 | 0.002 Bq/L | ± 0.0004 Bq/L | 0.002 | Cs137 | 0.0009 Bq/L | |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | | 0.001 Bq/L | |
| Tap water | Odaka, Minamisoma, Fukushima | Jul-22 | OR | Cs137 | — Bq/L | ± — Bq/L | Under Minimum Limit of Detection | Cs137 | 0.001 Bq/L | |
| | | | | Cs134 | — Bq/L | ± — Bq/L | | | 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.

| Samples | Sampling Point | Sampling Month | Measuring instrument type | Measurement Result | | Uncertainty | | Total Amount of Cesium | Minimum Limit of Detection | | |
|--|-----------------------------------|----------------|---------------------------|--------------------|-----------------|-------------|-------------|----------------------------------|----------------------------|--------|-----------|
| | | | | | | | | | | | |
| Tap water | Tadami, Minamiaizu, Fukushima | Jun-22 | 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 |
| Tap water | Hitachiota, Ibaraki | Jul-22 | 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 |
| River water (surface) | River Fuzawa/ Fukushima Pref. | Jun-22 | 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 (surface) | Soma Port/ Fukushima Pref. | Jun-22 | OR | 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 (surface) | Murakami Coast/ Fukushima Pref. | Jun-22 | OR | 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 (surface) | Ukedo Port/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.017 Bq/L | ± 0.0007 | Bq/L | 0.017 | Cs137 | 0.0009 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 | Bq/L |
| Sea water (surface) | Futaba Beach/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.071 Bq/L | ± 0.001 | Bq/L | 0.073 | Cs137 | 0.001 | Bq/L |
| | | | | Cs134 | 0.002 Bq/L | ± 0.0006 | Bq/L | | Cs134 | 0.001 | Bq/L |
| Sea water (surface) | Kumagawa Estuary/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.024 Bq/L | ± 0.0008 | Bq/L | 0.024 | Cs137 | 0.001 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 | Bq/L |
| Sea water (surface) | Iwasawa Beach/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.016 Bq/L | ± 0.0007 | Bq/L | 0.016 | Cs137 | 0.001 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 | Bq/L |
| Sea water (surface) | Onahama Port/ Fukushima Pref. | Jun-22 | OR | Cs137 | 0.004 Bq/L | ± 0.0005 | Bq/L | 0.004 | Cs137 | 0.0009 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 | Bq/L |
| Sea water (surface) | Sunmarina/ Fukushima Pref. | Jun-22 | OR | 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 (surface) | Toyooka Coast/ Ibaraki Pref. | Jul-22 | OR | 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 |
| Suspended solid in river water (surface) | River Fuzawa/ Fukushima Pref. | Jun-22 | CA | Cs137 | — Bq/L | ± | — Bq/L | Under Minimum Limit of Detection | Cs137 | 0.0009 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.001 | Bq/L |
| Suspended solid in sea water (surface) | Soma Port/ Fukushima Pref. | Jun-22 | 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 |
| Suspended solid in sea water (surface) | Murakami Coast/ Fukushima Pref. | Jun-22 | CA | Cs137 | 0.006 Bq/L | ± 0.0009 | Bq/L | 0.006 | Cs137 | 0.002 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.002 | Bq/L |
| Suspended solid in sea water (surface) | Ukedo Port/ Fukushima Pref. | Jun-22 | CA | Cs137 | 0.016 Bq/L | ± 0.001 | Bq/L | 0.016 | Cs137 | 0.002 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.002 | Bq/L |
| Suspended solid in sea water (surface) | Iwasawa Beach/ Fukushima Pref. | Jun-22 | CA | Cs137 | 0.05 Bq/L | ± 0.001 | Bq/L | 0.05 | Cs137 | 0.002 | Bq/L |
| | | | | Cs134 | — Bq/L | ± | — Bq/L | | Cs134 | 0.002 | Bq/L |
| Suspended solid in sea water (surface) | Onahama Port/ Fukushima Pref. | Jun-22 | 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 |
| Suspended solid in sea water (surface) | Toyooka Coast/ Ibaraki Pref. | Jul-22 | 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 |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | CA | Cs137 | 658.1 Bq/kg dry | ± 7.3 | Bq/kg dry | 677.2 | Cs137 | 2.7 | Bq/kg dry |
| | | | | Cs134 | 19.1 Bq/kg dry | ± 1.2 | Bq/kg dry | | Cs134 | 2.8 | Bq/kg dry |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | OR | Cs137 | 247.3 Bq/kg dry | ± 5.2 | Bq/kg dry | 254.0 | Cs137 | 2.7 | Bq/kg dry |
| | | | | Cs134 | 6.7 Bq/kg dry | ± 1.5 | Bq/kg dry | | Cs134 | 2.8 | Bq/kg dry |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | OR | Cs137 | 145.6 Bq/kg dry | ± 2.7 | Bq/kg dry | 148.8 | Cs137 | 1.6 | Bq/kg dry |
| | | | | Cs134 | 3.2 Bq/kg dry | ± 0.8 | Bq/kg dry | | Cs134 | 1.5 | Bq/kg dry |
| Soil | Tadami, Minamiaizu, Fukushima | Jun-22 | OR | Cs137 | 29.0 Bq/kg dry | ± 1.7 | Bq/kg dry | 29.0 | Cs137 | 1.8 | Bq/kg dry |
| | | | | Cs134 | — Bq/kg dry | ± | — Bq/kg dry | | Cs134 | 2.1 | Bq/kg dry |
| Soil | Onahamaohara, Iwaki | Jun-22 | OR | Cs137 | 146.0 Bq/kg dry | ± 2.4 | Bq/kg dry | 150.4 | Cs137 | 1.2 | Bq/kg dry |
| | | | | Cs134 | 4.4 Bq/kg dry | ± 0.5 | 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.

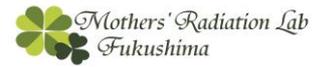
★Gamma-ray

(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 | |
|-----------------------|---|----------------|---------------------------|--------------------|-----------------|-------------|---------------|------------------------|----------------------------|---------------|
| | | | | | | | | | | |
| Soil (in the park) | Furunuma Park/ Chuodai-Takaku, Iwaki | Jun-22 | OR | Cs137 | 207.5 Bq/kg dry | ± | 4.8 Bq/kg dry | 213.2 | Cs137 | 2.6 Bq/kg dry |
| | | | | Cs134 | 5.7 Bq/kg dry | ± | 1.4 Bq/kg dry | | Cs134 | 2.5 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 622 | Equipment for measuring low-energy beta-ray emission nuclides |
|  |  | Measuring nuclide Strontium90 Half-life 30 years Organically bound 3H Half-life 12.3 years Free-water 3H Half-life 12.3 years |
| All samples are measured in liquid condition after several days of pretreatment. | | |

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

| Samples | Sampling Point | Sampling Month | Measurement Result | | Uncertainty | | Minimum Limit of Detection | |
|-----------------------------------|---|----------------|--------------------|--|------------------|----------------|----------------------------|--|
| | | | | | | | | |
| Butterbur sprout (wild) | Okuma, Futaba, Fukushima | Mar-21 | Sr90 | 2.22 Bq/kg dry | ± 0.54 Bq/kg dry | 0.80 Bq/kg dry | | |
| Kiwi fruit | Namie, Futaba, Fukushima | Nov-20 | Sr90 | 15.50 Bq/kg dry | ± 0.33 Bq/kg dry | 0.35 Bq/kg dry | | |
| Littlemouth flounder (head, bone) | Ukedo Port/ Fukushima Pref. | Mar-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 0.31 Bq/kg dry | | |
| Whole dried sardines | Fukushima Pref. | Feb-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 0.11 Bq/kg dry | | |
| Soil | Izumi, Iwaki | Jun-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 2.53 Bq/kg dry | | |
| Soil | Izumi, Iwaki | Jun-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 1.53 Bq/kg dry | | |
| Soil | Tairausuiso, Iwaki | Apr-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 1.73 Bq/kg dry | | |
| Soil | Tairausuiso, Iwaki | Apr-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 1.78 Bq/kg dry | | |
| Soil (in the park) | Yotsukura Fureai Park Yotsukura, Iwaki | Aug-21 | Sr90 | Under Minimum Limit of Detection Bq/kg dry | ± — Bq/kg dry | 1.40 Bq/kg dry | | |
| Sea water (lower) | Off the coast of Fukushima Nuclear Power Plant1 Point C | May-22 | Sr90 | Under Minimum Limit of Detection Bq/L | ± — Bq/L | 0.0007 Bq/L | | |
| Sea water (lower) | Off the coast of Fukushima Nuclear Power Plant1 Point D | May-22 | Sr90 | Under Minimum Limit of Detection Bq/L | ± — Bq/L | 0.0008 Bq/L | | |
| Sea water (surface) | Tomioka Port/ Fukushima Pref. | May-22 | Sr90 | Under Minimum Limit of Detection Bq/L | ± — Bq/L | 0.0007 Bq/L | | |
| Sea water (surface) | Soma Port/ Fukushima Pref. | Jun-22 | Sr90 | Under Minimum Limit of Detection Bq/L | ± — Bq/L | 0.0007 Bq/L | | |
| Sea water (surface) | Murakami Coast/ Fukushima Pref. | Jun-22 | Sr90 | Under Minimum Limit of Detection Bq/L | ± — Bq/L | 0.0006 Bq/L | | |
| Sea water (surface) | Ukedo Port/ Fukushima Pref. | Jun-22 | Sr90 | 0.0016 Bq/L | ± 0.0005 Bq/L | 0.0007 Bq/L | | |
| Sea water (surface) | Futaba Beach/ Fukushima Pref. | Jun-22 | Sr90 | 0.0016 Bq/L | ± 0.0005 Bq/L | 0.0009 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

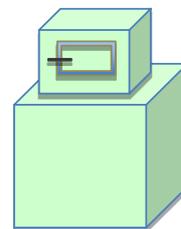
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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%

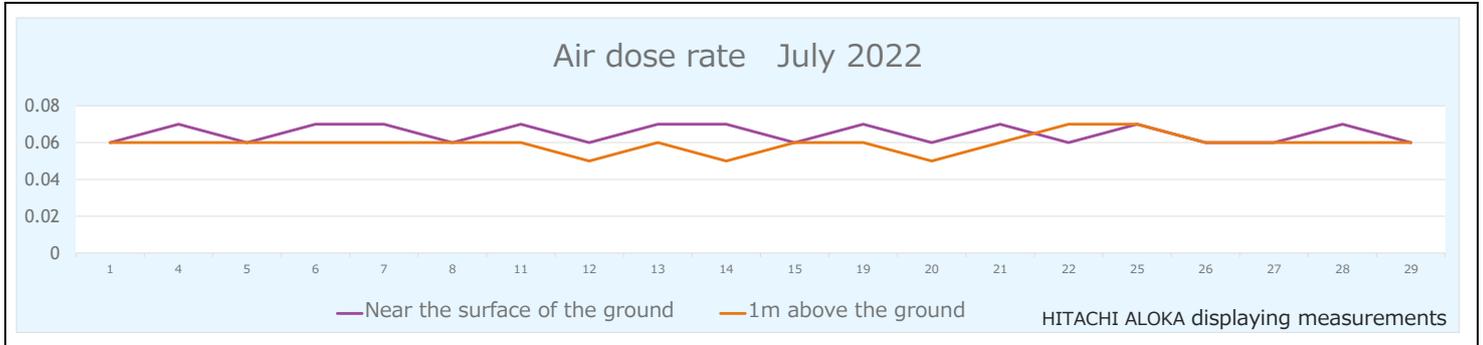


(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

| Samples | Sampling Point | Sampling Month | Measuring instrument type | Measurement Result | | Uncertainty | | Total Amount of Cesium | Minimum Limit of Detection | |
|-------------------------|-------------------------------|----------------|---------------------------|--------------------|----------------|------------------|----------------------------------|------------------------|----------------------------|--|
| | | | | | | | | | | |
| Bamboo shoot | Nishida, Koriyama, Fukushima | May-22 | CA | Cs137 | 4.3 Bq/kg raw | ± 0.1 Bq/kg raw | 4.37 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | 0.07 Bq/kg raw | ± 0.02 Bq/kg raw | | Cs134 | Bq/kg raw | |
| Bamboo shoot | Shimogawa, Izumi, Iwaki | May-22 | CA | Cs137 | 10.5 Bq/kg raw | ± 0.14 Bq/kg raw | 10.7 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | 0.2 Bq/kg raw | ± 0.04 Bq/kg raw | | Cs134 | Bq/kg raw | |
| Bamboo shoot | Hidaka, Saitama | May-22 | 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 | |
| Bamboo shoot | Tokigawa, Hiki, Saitama | May-22 | OR | Cs137 | 0.6 Bq/kg raw | ± 0.05 Bq/kg raw | 0.6 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Bamboo shoot | Ome, Tokyo | May-22 | CA | Cs137 | 1.5 Bq/kg raw | ± 0.1 Bq/kg raw | 1.5 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Warabi(wild) | Otama, Adachi, Fukushima | May-22 | OR | Cs137 | 4.4 Bq/kg raw | ± 0.2 Bq/kg raw | 4.4 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Warabi (cultivation) | Tenei, Iwase, Fukushima | Apr-22 | OR | Cs137 | 10.0 Bq/kg raw | ± 0.3 Bq/kg raw | 10.3 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | 0.3 Bq/kg raw | ± 0.1 Bq/kg raw | | Cs134 | Bq/kg raw | |
| Warabi | Motomiya, Fukushima | May-22 | OR | Cs137 | 5.5 Bq/kg raw | ± 0.2 Bq/kg raw | 5.69 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | 0.19 Bq/kg raw | ± 0.05 Bq/kg raw | | Cs134 | Bq/kg raw | |
| Warabi | Yonezawa, Yamagata | May-22 | OR | Cs137 | 0.24 Bq/kg raw | ± 0.05 Bq/kg raw | 0.24 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Aralia sprout | Tamakawa, Ishikawa, Fukushima | Apr-22 | OR | Cs137 | 3.6 Bq/kg raw | ± 0.2 Bq/kg raw | 3.6 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Urui (cultivation) | Tenei, Iwase, Fukushima | Apr-22 | CA | Cs137 | 1.3 Bq/kg raw | ± 0.1 Bq/kg raw | 1.3 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Koshiabura | Tabito, Iwaki | May-22 | CA | Cs137 | 0.36 Bq/kg raw | ± 0.09 Bq/kg raw | 0.36 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Butterbur (cultivation) | Kori, Date, Fukushima. | May-22 | CA | Cs137 | 0.47 Bq/kg raw | ± 0.08 Bq/kg raw | 0.47 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Shidoke | Ono, Tamura, Fukushima | May-22 | CA | Cs137 | 2.7 Bq/kg raw | ± 0.12 Bq/kg raw | 2.79 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | 0.09 Bq/kg raw | ± 0.03 Bq/kg raw | | Cs134 | Bq/kg raw | |
| Perilla pickled Ume | Kawauchi, Futaba, Fukushima | Apr-22 | OR | Cs137 | 0.6 Bq/kg raw | ± 0.1 Bq/kg raw | 0.6 | Cs137 | Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | Bq/kg raw | |
| Strawberry | Kori, Date, Fukushima. | May-22 | CA | 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 | Bq/kg raw | |

Air dose rate July 2022

| 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 Date | Weather | HITACHI ALOKA Near the surface of the ground(μSv/h) | HORIBA Radi Near the surface of the ground(μSv/h) | HITACHI ALOKA 1m above the ground(μSv/h) | HORIBA Radi 1m above the ground(μSv/h) |
|----------------|---------|--|--|---|---|
| 2022/7/1 | | 0.06 | 0.065 | 0.06 | 0.065 |
| 2022/7/4 | | 0.07 | 0.07 | 0.06 | 0.061 |
| 2022/7/5 | | 0.06 | 0.062 | 0.06 | 0.056 |
| 2022/7/6 | | 0.07 | 0.069 | 0.06 | 0.058 |
| 2022/7/7 | | 0.07 | 0.069 | 0.06 | 0.06 |
| 2022/7/8 | | 0.06 | 0.065 | 0.06 | 0.064 |
| 2022/7/11 | | 0.07 | 0.075 | 0.06 | 0.065 |
| 2022/7/12 | | 0.06 | 0.064 | 0.05 | 0.062 |
| 2022/7/13 | | 0.07 | 0.059 | 0.06 | 0.059 |
| 2022/7/14 | | 0.07 | 0.064 | 0.05 | 0.06 |
| 2022/7/15 | | 0.06 | 0.064 | 0.06 | 0.061 |
| 2022/7/19 | | 0.07 | 0.059 | 0.06 | 0.058 |
| 2022/7/20 | | 0.06 | 0.067 | 0.05 | 0.06 |
| 2022/7/21 | | 0.07 | 0.07 | 0.06 | 0.065 |
| 2022/7/22 | | 0.06 | 0.07 | 0.07 | 0.074 |
| 2022/7/25 | | 0.07 | 0.076 | 0.07 | 0.069 |
| 2022/7/26 | | 0.06 | 0.064 | 0.06 | 0.065 |
| 2022/7/27 | | 0.06 | 0.069 | 0.06 | 0.059 |
| 2022/7/28 | | 0.07 | 0.073 | 0.06 | 0.067 |
| 2022/7/29 | | 0.06 | 0.064 | 0.06 | 0.061 |