



# Radiation Measurement Results of 64 Items in December



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 |               |
|-----------------------------|-------------------------|----------------|--------------------|---------------|-------------|---------------|----------------------------------|----------------------------|---------------|
| Brown rice                  | Kamiogawa, Ogawa, Iwaki | Oct-16         | 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                      | 0.9 Bq/Kg raw |
| Brown rice                  | Imaniida, Yosima, 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                      | 0.9 Bq/Kg raw |
| Brown rice (Glutinous rice) | Watanabe, Iwaki         | Oct-16         | 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                      | 0.9 Bq/Kg raw |
| Polished rice               | Tainai, Niigata         | 2016           | Cs137              | — Bq/Kg raw   | ±           | — Bq/Kg raw   | Under Minimum Limit of Detection | Cs137                      | 0.8 Bq/Kg raw |
|                             |                         |                | Cs134              | — Bq/Kg raw   | ±           | — Bq/Kg raw   |                                  | Cs134                      | 0.7 Bq/Kg raw |
| Polished rice               | Akita                   | Oct-16         | 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                      | 0.9 Bq/Kg raw |
| Polished rice               | Iitomi, Mito, Ibaraki   | Sep-16         | 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                      | 0.9 Bq/Kg raw |
| Polished rice               | Tohno, Iwaki            | Sep-16         | 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                      | 1.1 Bq/Kg raw |
| Polished rice               | Imaniida, Yosima, Iwaki | Oct-15         | 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                      | 1.1 Bq/Kg raw |
| Glutinous rice              | Japan                   | 2016           | Cs137              | — Bq/Kg raw   | ±           | — Bq/Kg raw   | Under Minimum Limit of Detection | Cs137                      | 1.1 Bq/Kg raw |
|                             |                         |                | Cs134              | — Bq/Kg raw   | ±           | — Bq/Kg raw   |                                  | Cs134                      | 1.0 Bq/Kg raw |
| Carrot                      | Iwaki                   | Dec-16         | 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                      | 1.8 Bq/Kg raw |
| Chinese cabbage             | Ogawa, Iwaki            | Dec-16         | 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 |
| Eggplant                    | Watanabe, Iwaki         | Dec-16         | Cs137              | — Bq/Kg raw   | ±           | — Bq/Kg raw   | Under Minimum Limit of Detection | Cs137                      | 1.3 Bq/Kg raw |
|                             |                         |                | Cs134              | — Bq/Kg raw   | ±           | — Bq/Kg raw   |                                  | Cs134                      | 1.2 Bq/Kg raw |
| Spinach                     | Taira, Iwaki            | Dec-16         | 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 |
| Broccoli                    | Tohno, Iwaki            | Nov-16         | 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 |
| Wasabi leaves               | Ogawa, Iwaki            | Dec-16         | 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 |
| Potato                      | Iitomi, Mito, Ibaraki   | Jul-16         | 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                      | 1.2 Bq/Kg raw |
| Taro                        | Iritohno, Tohno, Iwaki  | Nov-16         | 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 |
| Tokkuri potato              | Iritohno, Tohno, Iwaki  | Nov-16         | 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 |
| Shiitake mushroom           | Watanabe, Iwaki         | Dec-16         | Cs137              | 3.5 Bq/Kg raw | ±           | 1.6 Bq/Kg raw | 3.5                              | Cs137                      | 2.3 Bq/Kg raw |
|                             |                         |                | Cs134              | — Bq/Kg raw   | ±           | — Bq/Kg raw   |                                  | Cs134                      | 1.8 Bq/Kg raw |
| Apple                       | Yamagata                | Nov-16         | 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 |

※"\_" 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 |  |
|--------------------------------|--|----------------|--------------------|----------------|------------------|----------------------------------|------------------------|----------------------------|--|
| Persimmon                      | Motooka, Tomioka, Futaba                 | Nov-16         | Cs137              | 51.1 Bq/Kg raw | ± 6.4 Bq/Kg raw  | 59.0                             | Cs137                  | 2.8 Bq/Kg raw              |  |
|                                |  |                | Cs134              | 7.9 Bq/Kg raw  | ± 1.4 Bq/Kg raw  |                                  | Cs134                  | 2.9 Bq/Kg raw              |  |
| Persimmon (peel and seed)      | Ogawa, Iwaki                             | Dec-16         | 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                  | 2.1 Bq/Kg raw              |  |
| Persimmon(pulp)                | Ogawa, Iwaki                             | Dec-16         | Cs137              | — Bq/Kg raw    | ± — Bq/Kg raw    | Under Minimum Limit of Detection | Cs137                  | 1.3 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 1.1 Bq/Kg raw              |  |
| Kiwi(pulp)                     | Naraha, Futaba                           | Dec-16         | Cs137              | 9.8 Bq/Kg raw  | ± 2.2 Bq/Kg raw  | 11.4                             | Cs137                  | 1.4 Bq/Kg raw              |  |
|                                |  |                | Cs134              | 1.6 Bq/Kg raw  | ± 0.8 Bq/Kg raw  |                                  | Cs134                  | 1.3 Bq/Kg raw              |  |
| Chinese quince                 | Fukushima                                | Dec-16         | 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                  | 1.3 Bq/Kg raw              |  |
| Yuzu (citrus fruits)           | Hiwatashi, Namie Futaba                  | Dec-16         | Cs137              | 196 Bq/Kg raw  | ± 39.0 Bq/Kg raw | 231                              | Cs137                  | 1.5 Bq/Kg raw              |  |
|                                |  |                | Cs134              | 34.6 Bq/Kg raw | ± 6.9 Bq/Kg raw  |                                  | Cs134                  | 1.4 Bq/Kg raw              |  |
| Yuzu (citrus fruits)           | Ide, Naraha, Futaba                      | Dec-16         | Cs137              | 10.7 Bq/Kg raw | ± 2.5 Bq/Kg raw  | 10.7                             | Cs137                  | 1.6 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 1.4 Bq/Kg raw              |  |
| Yuzu (citrus fruits)           | Iwaki                                    | Dec-16         | 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                  | 1.2 Bq/Kg raw              |  |
| Mandarin orange (pulp)         | Iwaki                                    | Dec-16         | 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                  | 1.1 Bq/Kg raw              |  |
| Mandarin orange (peel)         | Iwaki                                    | Dec-16         | Cs137              | — Bq/Kg raw    | ± — Bq/Kg raw    | Under Minimum Limit of Detection | Cs137                  | 5.3 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 4.1 Bq/Kg raw              |  |
| Greenling                      | Off the coast of Shioyazaki, Iwaki       | Dec-16         | 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                  | 1.4 Bq/Kg raw              |  |
| Dried dark sleeper             | Ibaraki                                  | 2016           | 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              |  |
| Hijiki Seaweed                 | Chiba                                    | Dec-16         | 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                  | 1.8 Bq/Kg raw              |  |
| Dried Udon noodle              | Yotukura, Iwaki (production)             | unknown        | 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                  | 1.1 Bq/Kg raw              |  |
| Buckwheat noodle               | Aizu(production)                         | unknown        | 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                  | 1.3 Bq/Kg raw              |  |
| Miso (Fermented soybean paste) | Iitomi, Moto, Ibaraki                    | Sep-15         | Cs137              | — Bq/Kg raw    | ± — Bq/Kg raw    | Under Minimum Limit of Detection | Cs137                  | 1.1 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 1.0 Bq/Kg raw              |  |
| Brandy                         | unknown                                  | unknown        | 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                  | 1.4 Bq/Kg raw              |  |
| Vegetable juice                | Japan · Foreign countries                | unknown        | Cs137              | — Bq/Kg raw    | ± — Bq/Kg raw    | Under Minimum Limit of Detection | Cs137                  | 1.1 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 0.9 Bq/Kg raw              |  |
| Soymilk                        | Japanese soybean used (Aichi production) | unknown        | 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              |  |
| School lunch                   | Takasaka, Uchigo, Iwaki                  | Dec-16         | Cs137              | — Bq/Kg raw    | ± — Bq/Kg raw    | Under Minimum Limit of Detection | Cs137                  | 1.3 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 1.2 Bq/Kg raw              |  |
| School lunch                   | Takasaka, Uchigo, Iwaki                  | Dec-16         | Cs137              | — Bq/Kg raw    | ± — Bq/Kg raw    | Under Minimum Limit of Detection | Cs137                  | 1.1 Bq/Kg raw              |  |
|                                |  |                | Cs134              | — Bq/Kg raw    | ± — Bq/Kg raw    |                                  | Cs134                  | 1.0 Bq/Kg raw              |  |
| School lunch                   | Matugadai, Jyoban, Iwaki                 | Dec-16         | 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                  | 1.3 Bq/Kg raw              |  |
| Ginkgo (edible part)           | Nogami, Okuma, Futaba                    | Nov-16         | Cs137              | 485 Bq/Kg raw  | ± 97.0 Bq/Kg raw | 574                              | Cs137                  | 17.9 Bq/Kg raw             |  |
|                                |  |                | Cs134              | 89.2 Bq/Kg raw | ± 20.5 Bq/Kg raw |                                  | Cs134                  | 14.4 Bq/Kg raw             |  |

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

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

★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 |  |
|--|---|----------------|--------------------|---------------------|-----------------------|--|------------------------|----------------------------|--|
| Ginkgo<br>(outer seed coat and<br>leaf only) | Nogami, Okuma,<br>Futaba                    | Nov-16         | Cs137              | 716 Bq/Kg raw       | ± 143 Bq/Kg raw       | 861                                    | Cs137                  | 13.8 Bq/Kg raw             |  |
|  |   |                | Cs134              | 145 Bq/Kg raw       | ± 30.0 Bq/Kg raw      |  | Cs134                  | 13.1 Bq/Kg raw             |  |
| Japanese rose<br>(leaf and fruit)            | Okuma, Futaba                               | Nov-16         | Cs137              | 370 Bq/Kg raw       | ± 74.0 Bq/Kg raw      | 452                                    | Cs137                  | 19.8 Bq/Kg raw             |  |
|  |   |                | Cs134              | 82.3 Bq/Kg raw      | ± 20.7 Bq/Kg raw      |  | Cs134                  | 19.0 Bq/Kg raw             |  |
| Swamp water                                  | Ogawa, Iwaki                                | Dec-16         | Cs137              | — Bq/L              | ± — Bq/L              | Under Minimum<br>Limit of<br>Detection | Cs137                  | 0.07 Bq/L                  |  |
|  |   |                | Cs134              | — Bq/L              | ± — Bq/L              |  | Cs134                  | 0.05 Bq/L                  |  |
| Swamp mud                                    | Ogawa, Iwaki                                | Dec-16         | Cs137              | 321 Bq/Kg raw       | ± 36.3 Bq/Kg raw      | 362                                    | Cs137                  | 5.1 Bq/Kg raw              |  |
|  |   |                | Cs134              | 41.1 Bq/Kg raw      | ± 6.2 Bq/Kg raw       |  | Cs134                  | 6.1 Bq/Kg raw              |  |
| Farm soil                                    | Tabito, Iwaki                               | Dec-16         | Cs137              | 771 Bq/Kg raw       | ± 86.1 Bq/Kg raw      | 879                                    | Cs137                  | 3.4 Bq/Kg raw              |  |
|  |   |                | Cs134              | 108 Bq/Kg raw       | ± 14.9 Bq/Kg raw      |  | Cs134                  | 3.3 Bq/Kg raw              |  |
| Farm soil                                    | Oohisa, Iwaki                               | May-11         | Cs137              | 335 Bq/Kg raw       | ± 39.4 Bq/Kg raw      | 381                                    | Cs137                  | 4.0 Bq/Kg raw              |  |
|  |   |                | Cs134              | 45.7 Bq/Kg raw      | ± 7.8 Bq/Kg raw       |  | Cs134                  | 4.5 Bq/Kg raw              |  |
| Ash of the wood-<br>burning stove            | Hishidaira,<br>Komoro, Nagano               | Apr-16         | Cs137              | 68.2 Bq/Kg raw      | ± 8.5 Bq/Kg raw       | 82.8                                   | Cs137                  | 6.1 Bq/Kg raw              |  |
|  |   |                | Cs134              | 14.6 Bq/Kg raw      | ± 2.8 Bq/Kg raw       |  | Cs134                  | 7.6 Bq/Kg raw              |  |
| Vacuum cleaner dust<br>Panasonic Cyclonic    | Tairashimohirakubo,<br>Iwaki                | Dec-16         | Cs137              | 8540 Bq/Kg raw      | ± 1710 Bq/Kg raw      | 10,330                                 | Cs137                  | 42.9 Bq/Kg raw             |  |
|  |   |                | Cs134              | 1790 Bq/Kg raw      | ± 360 Bq/Kg raw       |  | Cs134                  | 41.9 Bq/Kg raw             |  |
| Vacuum cleaner dust<br>Dyson Cyclonic        | Onahamahanabatake,<br>Iwaki                 | Dec-16         | Cs137              | 1760 Bq/Kg raw      | ± 350 Bq/Kg raw       | 2,183                                  | Cs137                  | 94.2 Bq/Kg raw             |  |
|  |   |                | Cs134              | 423 Bq/Kg raw       | ± 105 Bq/Kg raw       |  | Cs134                  | 92.5 Bq/Kg raw             |  |
| Air dust                                     | Tabito Elementary<br>School<br>(Schoolyard) | Dec-16         | Cs137              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> | Under Minimum<br>Limit of<br>Detection | Cs137                  | 0.0040 Bq/m <sup>3</sup>   |  |
|  |   |                | Cs134              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> |  | Cs134                  | — Bq/m <sup>3</sup>        |  |
| Air dust                                     | Tabito Nursery School<br>(Playground)       | Dec-16         | Cs137              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> | Under Minimum<br>Limit of<br>Detection | Cs137                  | 0.0040 Bq/m <sup>3</sup>   |  |
|  |   |                | Cs134              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> |  | Cs134                  | — Bq/m <sup>3</sup>        |  |
| Air dust                                     | Tamatsuyu Nursery<br>School<br>(Playground) | Dec-16         | Cs137              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> | Under Minimum<br>Limit of<br>Detection | Cs137                  | 0.0040 Bq/m <sup>3</sup>   |  |
|  |   |                | Cs134              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> |  | Cs134                  | — Bq/m <sup>3</sup>        |  |
| Air dust                                     | Izumi Nursery School<br>(Playground)        | Dec-16         | Cs137              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> | Under Minimum<br>Limit of<br>Detection | Cs137                  | 0.0051 Bq/m <sup>3</sup>   |  |
|  |   |                | Cs134              | — Bq/m <sup>3</sup> | ± — Bq/m <sup>3</sup> |  | Cs134                  | — Bq/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.



★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 |
|---------------------|--|----------------|--------------------|--|---------------|----------------------------|
| Sea water (lower)   | 1.5km south of Fukushima Nuclear Power Plant1(0.7km off-shore) | Sep-16         | T(Free)            | Under Minimum Limit of Detection Bq/L      | ± — Bq/L      | 4.86 Bq/L                  |
| Sea water (lower)   | 1.5km south of Fukushima Nuclear Power Plant1(1.1km off-shore) | Sep-16         | T(Free)            | Under Minimum Limit of Detection Bq/L      | ± — Bq/L      | 3.84 Bq/L                  |
| Canned salmon       | USA (production)   | 2012           | Sr90               | Under Minimum Limit of Detection Bq/Kg dry | ± — Bq/Kg dry | 0.16 Bq/Kg dry             |
| Canned salmon       | USA (production)   | 2014           | Sr90               | Under Minimum Limit of Detection Bq/Kg dry | ± — Bq/Kg dry | 0.15 Bq/Kg dry             |
| Sea water (surface) | 4km south of Fukushima Nuclear Power Plant1(1km off-shore)     | Sep-16         | Sr90               | 0.0009 Bq/L                                | ± 0.0001 Bq/L | 0.0004 Bq/L                |
| Sea water (surface) | 1.5km south of Fukushima Nuclear Power Plant1(0.7km off-shore) | Sep-16         | Sr90               | 0.0012 Bq/L                                | ± 0.0002 Bq/L | 0.0005 Bq/L                |
| Sea water (lower)   | 1.5km south of Fukushima Nuclear Power Plant1(0.7km off-shore) | Sep-16         | Sr90               | 0.0007 Bq/L                                | ± 0.0002 Bq/L | 0.0005 Bq/L                |
| Sea water (surface) | 1.5km south of Fukushima Nuclear Power Plant1(1.1km off-shore) | Sep-16         | Sr90               | 0.0012 Bq/L                                | ± 0.0002 Bq/L | 0.0005 Bq/L                |

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.

