

## Distribution of Radioactive Cesium Concentrations in Lake and Reservoir Sediments (FY2021)

[Number of collected samples]

| Radioactive cesium concentrations [Bq/kg(dry)] | Miyagi Prefecture | Fukushima Prefecture, Hamadori District | Fukushima Prefecture, Nakadori District | Fukushima Prefecture, Aizu District | Ibaraki Prefecture | Tochigi Prefecture | Gunma Prefecture | Chiba Prefecture | Total | Percentage |
|--|-------------------|---|---|-------------------------------------|--------------------|--------------------|------------------|------------------|-------|------------|
| Less than 1,000                                | 74                | 113                                     | 50                                      | 158                                 | 76                 | 29                 | 82               | 28               | 610   | 73.0%      |
| 1,000 or more but less than 2,000              | 1                 | 30                                      | 11                                      | 16                                  | 0                  | 3                  | 10               | 4                | 75    | 9.0%       |
| 2,000 or more but less than 3,000              | 0                 | 13                                      | 4                                       | 10                                  | 0                  | 0                  | 2                | 0                | 29    | 3.5%       |
| 3,000 or more but less than 4,000              | 1                 | 17                                      | 7                                       | 8                                   | 0                  | 0                  | 0                | 0                | 33    | 3.9%       |
| 4,000 or more but less than 5,000              | 0                 | 7                                       | 1                                       | 2                                   | 0                  | 0                  | 0                | 0                | 10    | 1.2%       |
| 5,000 or more but less than 10,000             | 0                 | 34                                      | 1                                       | 3                                   | 0                  | 0                  | 2                | 0                | 40    | 4.8%       |
| 10,000 or more                                 | 0                 | 38                                      | 1                                       | 0                                   | 0                  | 0                  | 0                | 0                | 39    | 4.7%       |
| Total  | 76                | 252                                     | 75                                      | 197                                 | 76                 | 32                 | 96               | 32               | 836   | 100.0%     |

Prepared based on the FY2021 Radioactive Material Monitoring in the Water Environment (Environmental Management Bureau, Ministry of the Environment)

Radioactive cesium concentrations in lake and reservoir sediments were measured in FY2021 as in the previous year.

A total of 836 samples, including 524 samples collected in Fukushima Prefecture and others collected in Miyagi, Ibaraki, Tochigi, Gunma and Chiba Prefectures, were surveyed.

The survey results showed that concentrations of radioactive cesium detected in approx. 73% of these samples were less than 1,000 Bq/kg (dry).

Included in this reference material on March 31, 2013

Updated on March 31, 2023