

Radioactive Material Monitoring in the Water Environment (Lake and Reservoir Sediments)

Distribution of Radioactive Cesium Concentrations in Lake and Reservoir Sediments (FY2020)

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	[Number of collected samples]	
									Total	Percentage
Less than 1,000	52	76	33	114	56	24	61	21	437	73.1%
1,000 or more but less than 2,000	0	20	7	13	1	0	10	3	54	9.0%
2,000 or more but less than 3,000	0	13	5	10	0	0	0	0	28	4.7%
3,000 or more but less than 4,000	0	9	5	4	0	0	1	0	19	3.2%
4,000 or more but less than 5,000	0	3	1	0	0	0	0	0	4	0.7%
5,000 or more but less than 10,000	0	20	1	2	0	0	0	0	23	3.8%
10,000 or more	0	32	1	0	0	0	0	0	33	5.5%
Total	52	173	53	143	57	24	72	24	598	100.0%

Prepared based on the FY2020 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 FY2020 as in the previous year.

A total of 598 samples, including 369 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, 2022