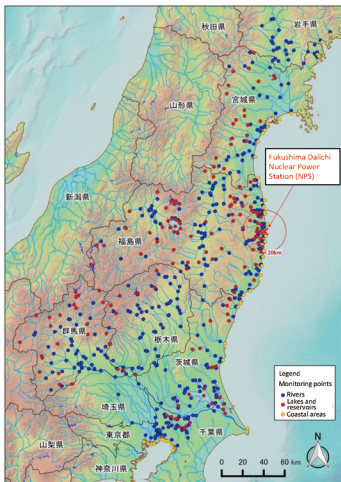


Radioactive Material Monitoring in and around Fukushima Prefecture (Public Water Areas)



[Coverage]

Whole Area of Fukushima, Miyagi, Ibaraki, Tochigi and Gunma Prefectures, and part of Iwate and Chiba Prefectures, etc.

[Monitoring points]

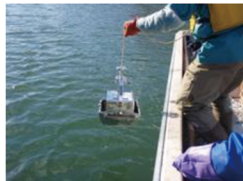
602 locations

[Radionuclide analyses]

- Samples
Water, sediments and Surrounding environment (soil)
 - Analyzed radionuclides
Radioactive cesium
Radioactive strontium (only for some water and sediment samples)
- [Frequencies]
Twice to 10 times a year depending on the contamination status, etc.



(River: water sampling)



(Lake: sediments sampling)

Prepared based on the Results of the FY2019 Radioactive Material Monitoring in the Water Environment (Public Water Areas) by the Ministry of the Environment

http://www.env.go.jp/jishin/monitoring/results_r-pw-r01.html (in Japanese)

Radioactive Material Monitoring in the Water Environment (River Sediments)

Distribution of Radioactive Cesium Concentrations in River Sediments (FY2019)

Number of collected samples

Radioactive cesium concentrations [Bq/kg(dry)]	Iwate Prefecture	Miyagi Prefecture	Fukushima Prefecture, Hamadori District	Fukushima Prefecture, Nakadori District	Fukushima Prefecture, Aizu District	Ibaraki Prefecture	Tochigi Prefecture	Gunma Prefecture	Chiba Prefecture	Saitama Prefecture	Tokyo Metropolis	Total	Percentage
Less than 1,000	79	193	294	323	168	209	278	214	196	8	8	1970	98.3%
1,000 or more but less than 2,000	0	0	18	0	0	3	0	0	4	0	0	25	1.2%
2,000 or more but less than 3,000	0	0	4	0	0	0	0	0	0	0	0	4	0.2%
3,000 or more but less than 4,000	0	0	3	0	0	0	0	0	0	0	0	3	0.1%
4,000 or more but less than 5,000	0	0	2	0	0	0	0	0	0	0	0	2	0.1%
5,000 or more but less than 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10,000 or more	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Total	79	193	321	323	168	212	278	214	200	8	8	2004	100.0%

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

Distribution of Radioactive Cesium Concentrations in Lake and Reservoir Sediments (FY2019)

Radioactive cesium concentrations [Bq/kg(dry)]	Number of collected samples									Percentage
	Miyagi Prefecture	Fukushima Prefecture, Hamadori District	Fukushima Prefecture, Nakadori District	Fukushima Prefecture, Aizu District	Ibaraki Prefecture	Tochigi Prefecture	Gunma Prefecture	Chiba Prefecture	Total	
Less than 1,000	70	80	43	154	70	30	82	28	557	66.9%
1,000 or more but less than 2,000	3	21	17	19	6	2	11	1	80	9.6%
2,000 or more but less than 3,000	0	22	8	11	0	0	2	3	46	5.5%
3,000 or more but less than 4,000	0	18	7	11	0	0	1	0	37	4.4%
4,000 or more but less than 5,000	0	8	4	3	0	0	0	0	15	1.8%
5,000 or more but less than 10,000	0	30	1	2	0	0	0	0	33	4.0%
10,000 or more	0	64	0	1	0	0	0	0	65	7.8%
Total	73	243	80	201	76	32	96	32	833	100.0%

Radioactive Material Monitoring in the Water Environment (Coastal Area Sediments)

Distribution of Radioactive Cesium Concentrations in Coastal Area Sediments (FY2019)

Radioactive cesium concentrations [Bq/kg(dry)]	Number of collected samples							Percentage
	Iwate Prefecture	Miyagi Prefecture	Fukushima Prefecture	Ibaraki Prefecture	Chiba Prefecture	Tokyo Metropolis	Total	
Less than 1,000	4	52	150	20	23	18	267	100.0%
1,000 or more but less than 2,000	0	0	0	0	0	0	0	0.0%
2,000 or more but less than 3,000	0	0	0	0	0	0	0	0.0%
3,000 or more but less than 4,000	0	0	0	0	0	0	0	0.0%
4,000 or more but less than 5,000	0	0	0	0	0	0	0	0.0%
5,000 or more but less than 10,000	0	0	0	0	0	0	0	0.0%
10,000 or more	0	0	0	0	0	0	0	0.0%
Total	4	52	150	20	23	18	267	100.0%