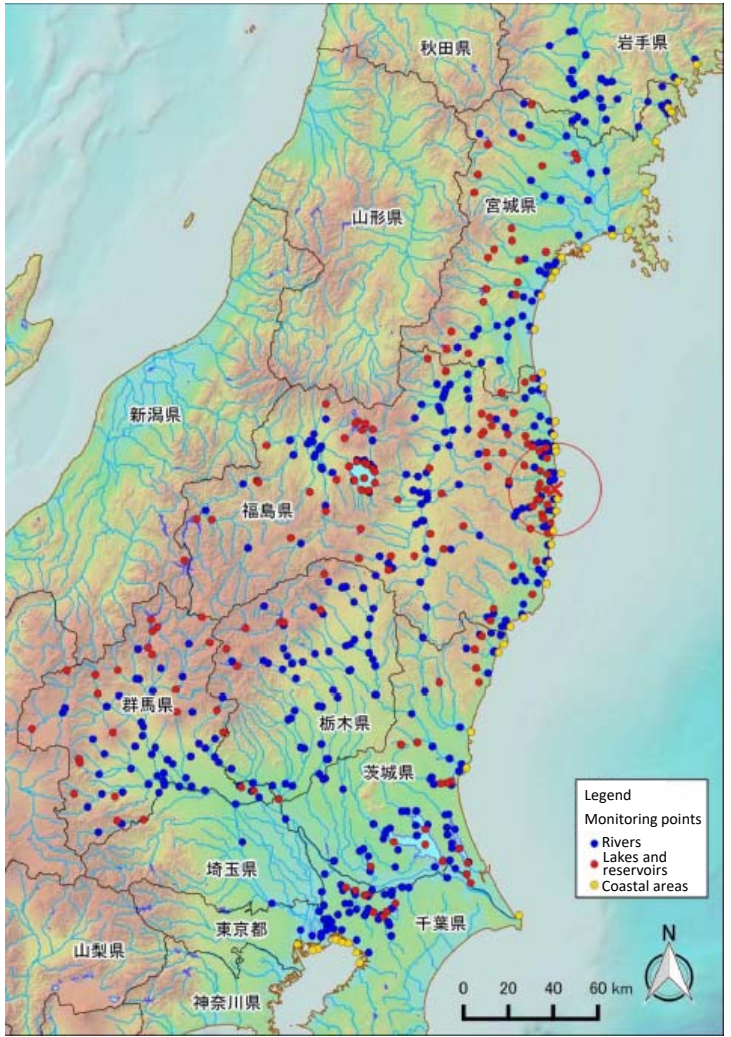


Radioactive Material Monitoring in and around Fukushima Prefecture (Public Water Areas)



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

[Monitoring points]
602 locations

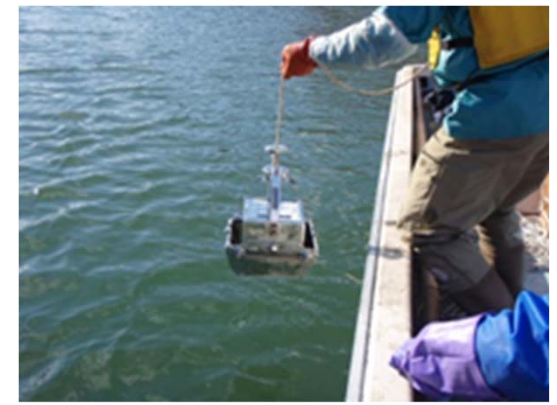
[Radionuclide analyses]
< Samples >
Water, sediments and surrounding soil (rivers and lakes)

< 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)

Radioactive Material Monitoring in the Water Environment (River Sediments)

Distribution of Radioactive Cesium Concentrations in River Sediments (FY2016)

Number of collected samples

Radioactive cesium concentrations [Bq/kg(dry)]	Number of collected samples											Percentage	
	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
Less than 1,000	80	195	257	320	155	207	278	212	186	8	8	1,906	95.3%
1,000 or more but less than 2,000	0	1	39	4	0	5	0	1	8	0	0	58	2.9%
2,000 or more but less than 3,000	0	0	16	0	0	0	0	0	5	0	0	21	1.1%
3,000 or more but less than 4,000	0	0	6	0	0	0	0	0	0	0	0	6	0.3%
4,000 or more but less than 5,000	0	0	3	0	0	0	0	0	1	0	0	4	0.2%
5,000 or more but less than 10,000	0	0	5	0	0	0	0	0	0	0	0	5	0.3%
10,000 or more	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Total	80	196	326	324	155	212	278	213	200	8	8	2,000	

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

Distribution of Radioactive Cesium Concentrations in Lake and Reservoir Sediments (FY2016)

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	61	55	29	142	65	29	69	26	476	58.0%
1,000 or more but less than 2,000	10	32	18	12	8	3	23	2	108	13.2%
2,000 or more but less than 3,000	2	15	9	10	3	0	4	4	47	5.7%
3,000 or more but less than 4,000	3	13	6	9	0	0	0	0	31	3.8%
4,000 or more but less than 5,000	0	15	2	5	0	0	0	0	22	2.7%
5,000 or more but less than 10,000	0	36	7	6	0	0	0	0	49	6.0%
10,000 or more	0	86	0	2	0	0	0	0	88	10.7%
Total	76	252	71	186	76	32	96	32	821	

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

Distribution of Radioactive Cesium Concentrations in Coastal Area Sediments (FY2016)

Number of collected samples

Radioactive cesium concentrations [Bq/kg(dry)]	Iwate Prefecture	Miyagi Prefecture	Fukushima Prefecture	Ibaraki Prefecture	Chiba Prefecture	Tokyo Metropolis	Total	Percentage
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	