

## Nuclide Analysis Results of Fish and Shellfish (In the Port of Fukushima Daiichi NPS) < 1/5 >

(Data summarized on November 20)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Schlegel's black rockfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	October 18, 2013	1100	2700	3800
Acanthopagrus schlegeli (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	October 18, 2013	42	95	137
Flatfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	October 29, 2013	100	300	400
Flatfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	October 4, 2013	320	790	1110
Scorpion fish (Muscle)	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	October 29, 2013	31000	70000	101000
Chum salmon (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	October 29, 2013	ND	99	99
Sebastes cheni (Muscle)	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	October 29, 2013	1100	2800	3900
Starry flounder (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	October 9, 2013	39	130	169
Flatfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	October 22, 2013	130	250	380
Spotbelly rockfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	October 10, 2013	34000	76000	110000

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 37Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

**Nuclide Analysis Results of Fish and Shellfish  
(In the Port of Fukushima Daiichi NPS) < 2/5 >**

(Data summarized on November 20)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Flatfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	October 18, 2013	140	350	490
Spotbelly rockfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	October 31, 2013	22000	51000	73000
Stingray (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 3, 2013	1000	2100	3100
Flatfish (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 3, 2013	82	130	212
Common skete (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 7, 2013	91	270	361
Starry flounder (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 7, 2013	100	210	310
Flatfish (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 7, 2013	420	950	1370
Marbled sole (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 7, 2013	750	1800	2550
Chum salmon (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 8, 2013	ND	17	17
Flatfish (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 8, 2013	110	240	350

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 11Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

Nuclide Analysis Results of Fish and Shellfish  
(In the Port of Fukushima Daiichi NPS) < 3/5 >

(Data summarized on November 20)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Acanthopagrus schlegeli (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 11, 2013	24	41	65
Chum salmon (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 11, 2013	ND	15	15
Drumfish (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 11, 2013	79	180	259
Starry flounder (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 11, 2013	ND	52	52
Flatfish (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 11, 2013	62	160	222
Marbled sole (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 11, 2013	330	650	980
Aluterus monoceros (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 17, 2013	ND	18	18
Acanthopagrus schlegeli (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 17, 2013	870	2000	2870
Starry flounder (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 17, 2013	61	200	261
Stingray (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	3400	7400	10800

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 29Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

Nuclide Analysis Results of Fish and Shellfish  
(In the Port of Fukushima Daiichi NPS) < 4/5 >

(Data summarized on November 20)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Acanthopagrus schlegeli (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	110	160	270
Starry flounder (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	ND	110	110
Starry flounder (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	ND	21	21
Flatfish (Muscle) No.9	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	250	510	760
Flatfish (Muscle) No.10	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	50	83	133
Marbled sole (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 19, 2013	5800	13000	18800
Acanthopagrus schlegeli (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 22, 2013	50	79	129
Flatfish (Muscle) No.11	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 22, 2013	ND	76	76
Flatfish (Muscle) No.12	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 22, 2013	26	51	77
Acanthopagrus schlegeli (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	October 29, 2013	170	340	510

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 38Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

Nuclide Analysis Results of Fish and Shellfish  
(In the Port of Fukushima Daiichi NPS) < 5/5 >

(Data summarized on November 20)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Jacopever (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Oct 29, 2013	26000	58000	84000
Flatfish (Muscle) No.13	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Oct 29, 2013	42	70	112
Marbled sole (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Oct 29, 2013	380	890	1270
Chum salmon (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Oct 30, 2013	ND	9.6	9.6
Chum salmon (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Oct 30, 2013	ND	14	14
Flatfish (Muscle) No.14	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Oct 9, 2013	970	2300	3270
Flathead (Platycephalus sp.) (Muscle)	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Oct 9, 2013	210	580	790
Schlegel's black rockfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Oct 22, 2013	10000	24000	34000

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 12Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg