

Nuclide Analysis Results of Fish and Shellfish (In the Port of Fukushima Daiichi NPS) < 1/10 >

(Data summarized on August 16)

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
Greenling (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	July 19, 2013	7400	15000	22400
Flatfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	July 19, 2013	550	1200	1750
Tribolodon brandtii (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	July 19, 2013	430	920	1350
Sebastes cheni (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 3, 2013	23000	48000	71000
Marbled sole (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 3, 2013	840	1800	2640
Tribolodon brandtii (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 3, 2013	2400	4600	7000
Spotbelly rockfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 3, 2013	1400	2800	4200
Spotbelly rockfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 4, 2013	57000	120000	177000
Stingray (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 19, 2013	4200	8500	12700
Acanthopagrus schlegeli (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 19, 2013	240	510	750

* 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) < 3/10 >**

(Data summarized on August 16)

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
Marbled sole (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 19, 2013	1400	2900	4300
Spotbelly rockfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	July 19, 2013	36000	73000	109000
Brown hakeling (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	July 4, 2013	300	630	930
Common Japanese conger (Muscle)	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	July 4, 2013	360	710	1070
Greenling (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	July 12, 2013	8700	18000	26700
Spotbelly rockfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	July 12, 2013	33000	67000	100000
Greenling (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 3, 2013	2300	4800	7100
Embiotocidae (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 3, 2013	91	150	241
Flatfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 3, 2013	35	51	86
Schlegel's black rockfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 4, 2013	730	1500	2230

* 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

**Nuclide Analysis Results of Fish and Shellfish
(In the Port of Fukushima Daiichi NPS) < 3/10 >**

(Data summarized on August 16)

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
Brown hake (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 18, 2013	540	1100	1640
Sebastes cheni (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 18, 2013	9900	20000	29900
Spotbelly rockfish (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	July 18, 2013	45000	92000	137000
Embiotocidae (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 1, 2013	60	190	250
Common skate (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 1, 2013	370	740	1110
Sebastes cheni (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 1, 2013	420	960	1380
Flatfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 1, 2013	ND	20	20
Spotbelly rockfish (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 1, 2013	27000	54000	81000
Greenling (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	4600	9600	14200
Stingray (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	130	250	380

* 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

Nuclide Analysis Results of Fish and Shellfish
(In the Port of Fukushima Daiichi NPS) < 4/10 >

(Data summarized on August 16)

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
Embiotocidae (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	110	320	430
Angel shark (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	61	110	171
Acanthopagrus schlegeli (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	91	160	251
Common skete (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	2900	6000	8900
Sebastes cheni (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	23000	47000	70000
Jacopever (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	60000	120000	180000
Drumfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	210	420	630
Flatfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	35	58	93
Spotted halibut (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	310	660	970
Tribolodon brandtii (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 6, 2013	180	400	580

* 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) < 5/10 >

(Data summarized on August 16)

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
Embiotocidae (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 7, 2013	ND	93	93
Acanthopagrus schlegeli (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 7, 2013	ND	48	48
Sebastes cheni (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 7, 2013	50000	100000	150000
Flatfish (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 7, 2013	ND	42	42
Marbled sole (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 7, 2013	160	350	510
Greenling (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 8, 2013	21000	43000	64000
Schlegel's black rockfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 8, 2013	410	850	1260
Common skete (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 8, 2013	46	96	142
Drumfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 8, 2013	59	110	169
Flatfish (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 8, 2013	ND	91	91

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

Cs-134: Approx. 36Bq/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) < 6/10 >

(Data summarized on August 16)

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
Tribolodon brandtii (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 8, 2013	ND	96	96
Greenling (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 9, 2013	260	590	850
Greenling (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 9, 2013	230	410	640
Common skate (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 9, 2013	210	400	610
Masu salmon (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 9, 2013	ND	ND	ND
Flatfish (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 9, 2013	27	38	65
Greenling (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 10, 2013	150	350	500
Stingray (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 10, 2013	75	220	295
Schlegel's black rockfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 10, 2013	160	270	430
Sebastes cheni (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 10, 2013	8600	17000	25600

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

Cs-134: Approx. 54Bq/kg (Raw), Cs-137: Approx. 8.4Bq/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) < 7/10 >**

(Data summarized on August 16)

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) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 10, 2013	39000	80000	119000
Flatfish (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 10, 2013	32	98	130
Common skete (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	170	360	530
Sebastes cheni (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	ND	65	65
Drumfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	170	330	500
Flatfish (Muscle) No.9	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	ND	120	120
Striped mullet (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	380	770	1150
Marbled sole (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	150	320	470
Tribolodon brandtii (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 11, 2013	ND	40	40
Starry flounder (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 17, 2013	33	41	74

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

Cs-134: Approx. 59Bq/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) < 8/10 >

(Data summarized on August 16)

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.10	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 17, 2013	170	420	590
Flatfish (Muscle) No.11	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 17, 2013	28	61	89
Dasyatis matsubara (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 17, 2013	48	94	142
Marbled sole (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 17, 2013	7500	15000	22500
Barfin flounder (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 17, 2013	280	500	780
Greenling (Muscle) No.9	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 22, 2013	200	420	620
Stingray (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 22, 2013	290	590	880
Stingray (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 22, 2013	140	320	460
Angel shark (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 22, 2013	200	380	580
Angel shark (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	July 22, 2013	250	440	690

* 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) < 9/10 >**

(Data summarized on August 16)

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
Drumfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 22, 2013	ND	74	74
Stingray (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 27, 2013	740	1600	2340
Angel shark (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 27, 2013	42	100	142
Common skete (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 27, 2013	760	1500	2260
Starry flounder (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 27, 2013	110	240	350
Flatfish (Muscle) No.12	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 27, 2013	64	130	194
Marbled sole (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 27, 2013	760	1600	2360
Stingray (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 31, 2013	410	920	1330
Schlegel's black rockfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 31, 2013	230	460	690
Acanthopagrus schlegeli (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 31, 2013	860	1700	2560

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

Cs-134: Approx. 45Bq/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) < 10/10 >

(Data summarized on August 16)

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
Starry flounder (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 31, 2013	44	120	164
Flatfish (Muscle) No.13	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	Jul 31, 2013	140	330	470
Stingray (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 12, 2013	250	470	720
Flatfish (Muscle) No.14	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 12, 2013	100	150	250
Marbled sole (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 12, 2013	740	1600	2340
Greenling (Muscle) No.10	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 25, 2013	10000	22000	32000
Schlegel's black rockfish (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 25, 2013	230	530	760
Flatfish (Muscle) No.15	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 25, 2013	100	210	310
Marbled sole (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the center of the port)	Jul 25, 2013	1100	2200	3300

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