

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/4 >

(Data summarized on December 27)

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
Stingray (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	14	22	36
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	ND	ND	ND
Snailfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	ND	ND	ND
Sea raven (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	48	94	142
Common skete (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	91	160	251
Sea bass (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	13	25	38
Ovalipes unctatus (Whole)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	ND	5.2	5.2
Flatfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	26	44	70
Yellowtail (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	ND	ND	ND
Sea robin (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	9.9	18	27.9

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

Cs-134: Approx. 4.8Bq/kg (Raw), Cs-137: Approx. 4.1Bq/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

* Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/4 >

(Data summarized on December 27)

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
Smooth dogfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	14	27	41
Marbled sole (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	150	270	420
Greenling (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	100	160	260
Blue crab (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	ND	ND	ND
Lophius litilon (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	3.6	6.7	10.3
Snailfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	ND	ND	ND
Schlegel's black rockfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	10	19	29
Common skete (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	91	160	251
Microstoms achne (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	59	110	169
Flatfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	15	37	52

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

Cs-134: Approx. 4.0Bq/kg (Raw), Cs-137: Approx. 4.3Bq/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

* Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 3/4 >

(Data summarized on December 27)

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
Smooth dogfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	22	30	52
Marbled sole (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	December 13, 2012	590	1100	1690
Greenling (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	94	180	274
Angel shark (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	22	43	65
Common skete (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	160	300	460
Banded dogfish (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	150	240	390
Microstoms achne (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	120	210	330
Flatfish (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	80	130	210
Marbled sole (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	220	390	610
Dory (Muscle)	Around 2km Offshore of Kido River (T-S5)	December 9, 2012	11	23	34

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

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Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 4/4 >

(Data summarized on December 27)

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
Angel shark (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	December 9, 2012	64	100	164
Lophius litilon (Whole)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	December 9, 2012	9.6	13	22.6
Common skete (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	December 9, 2012	220	390	610
Flatfish (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	December 9, 2012	65	120	185
Dory (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	December 9, 2012	5.3	12	17.3

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

* Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.