

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

(Data summarized on August 21)

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
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	4.9	9.6	14.5
Common Skete (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	58	110	168
Sea bass (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	52	70	122
Drumfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	28	61	89
Microstomus achne (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	92	150	242
Flatfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	51	81	132
Smooth dogfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	9.6	14	23.6
Pagrus major (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	7.3	17	24.3
Carcharhinus (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Aug 8, 2012	ND	4.6	4.6
Greenling (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	99	170	269

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

Cs-134: Approx. 4.7Bq/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 August 21)

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
Sebastes cheni (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	320	520	840
Banded dogfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	90	140	230
Microstomus achne (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	140	210	350
Ovalipes punctatus (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	ND	5.0	5.0
Flatfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	66	100	166
Dasyatis matsubarai (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	38	63	101
Chub mackerel (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	5.8	8.5	14.3
Pagrus major (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Aug 8, 2012	4.6	4.7	9.3
Blue crab (Whole)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	5.8	7.2	13
Angel shark (Muscle)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	92	130	222

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

Cs-134: Approx. 4.7Bq/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

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

(Data summarized on August 21)

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
Common Skete (Muscle)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	190	320	510
Pelagic thresher (Muscle)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	ND	6.0	6.0
Ovalipes punctatus (Whole)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	7.5	14	21.5
Flatfish (Muscle)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	85	120	205
Carcharhinus (Muscle)	Around 2km Offshore of Kido River (T-S5)	Aug 11, 2012	ND	5.8	5.8
Blue crab (Whole)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	13	27	40
Angel shark (Muscle)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	27	39	66
Common Skete (Muscle)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	340	540	880
Sea bass (Muscle)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	290	520	810
Ovalipes punctatus (Whole)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	5.6	12	17.6

\* 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).

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) < 4/4 >

(Data summarized on August 21)

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)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	35	54	89
Smooth dogfish (Muscle)	Around 2km Offshore of 2F (T-S7)	Aug 11, 2012	48	95	143

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

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