

Nuclide Analysis Results of Fish and Shellfish
 (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/3 >

(Data summarized on July 13)

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)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	380	540	920
Common Skete (Muscle)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	170	270	440
Sea bass(Muscle)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	15	28	43
Drumfish (Muscle)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	50	77	127
Flatfish (Muscle)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	90	140	230
Smooth dogfish (Muscle)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	70	99	169
Marbled sole(Muscle)	Around 2km Offshore of 2F (T-S7)	Jun 25, 2012	200	270	470
Greenling (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	140	210	350
Common Skete (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	99	140	239
Sea bass(Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	47	79	126

* 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) < 2/3 >

(Data summarized on July 13)

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)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	36	46	82
Microstomus achne (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	110	190	300
Ovalipes punctatus (Whole)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	ND	9.6	9.6
Flatfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	55	97	152
Smooth dogfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	ND	4.7	4.7
Common horse mackerel (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	Jun 27, 2012	73	110	183
Greenling (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	100	150	250
Lophius litilon (Whole)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	ND	ND	ND
Lophius litilon (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	120	180	300
Sea bass (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	55	81	136

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

Cs-134: Approx. 5.0Bq/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) < 3/3 >

(Data summarized on July 13)

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
Microstomus achne (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	160	240	400
Ovalipes punctatus (Whole)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	ND	8.2	8.2
Flatfish (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	93	140	233
Adult Yellowtail (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	ND	6.5	6.5
Sea robinh (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	18	34	52
Common horse mackerel (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	55	93	148
Dory (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	13	18	31
Octopus (Enteroctopus) dofleini (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	ND	7.7	7.7
Japanese butterfish (Muscle)	Around 3km Offshore of 1F(T-S4)	Jun 27, 2012	ND	ND	ND

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

Cs-134: Approx. 4.9Bq/kg (Raw), Cs-137: Approx. 4.0Bq/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.

Sample Photos of Fish and Shellfish (June 25 and 27, 2012)

Around 2km Offshore of 2F (T-S7), Around 3km Offshore of Ukedo River (T-S3),
Around 3km Offshore of 1F (T-S4)

1. Greenling



2. Common Skete



3. Sea bass



4. Drumfish



5. Flatfish



6. Smooth dogfish



7. Marbled sole



8. Microstomus achne



9. Ovalipes punctatus



10. Lophius litlon



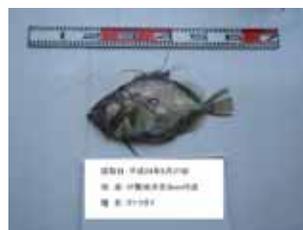
11. Adult yelowtail



12. Sea robin



13. Dory



14. Octopus (Enteroctopus) dofleini



15. Japanese butterfish

