

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

(Data summarized on June 22)

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 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	130	180	310
Stone flounder (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	31	43	74
Lepidotrigla microptera (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	9.6	13	22.6
Lophius litilon (Whole)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	8.8	7.8	16.6
Common Skete (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	90	110	200
Microstomus achne (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	33	47	80
Flatfish (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	56	74	130
Dasyatis matsubara (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	35	53	88
Marbled sole (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	21	41	62
Pagrus major (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	5.7	9.2	14.9

* 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 June 22)

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
Octopus (Enteroctopus) dofleini (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	ND	ND	ND
Roundnose flounder (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Jun 4, 2012	9.8	24	33.8
Stingray (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	81	120	201
Blue crab (Whole)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	ND	ND	ND
Schlegel's black rockfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	250	370	620
Acanthopagrus schlegeli (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	34	60	94
Common Skete (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	61	110	171
Sea bass (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	260	410	670
Banded dogfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	6.5	6.7	13.2
Drumfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	31	44	75

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

Cs-134: Approx. 4.2Bq/kg (Raw), Cs-137: Approx. 3.9Bq/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 June 22)

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
Ovalipes punctatus (Whole)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	ND	8.3	8.3
Flatfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	Jun 6, 2012	29	46	75
Northern dogfish (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	6.9	8.5	15.4
Blue crab (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	ND	7.7	7.7
Lophius litilon (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	4.9	6.6	11.5
Common Skete (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	150	230	380
Sea bass (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	220	310	530
Drumfish (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	37	49	86
Starry flounder (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	240	340	580
Ovalipes punctatus (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 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. 4.6Bq/kg (Raw), Cs-137: Approx. 5.0Bq/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.

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

(Data summarized on June 22)

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 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	44	67	111
Marbled sole (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Jun 6, 2012	26	39	65

* 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 4 and 6, 2012)

Sampling locations: Around 10km Offshore of 1F (T-B3), Around 1km Offshore of Ota River (T-S1),
 Around 3km Offshore of Odaka Ward (T-S2)

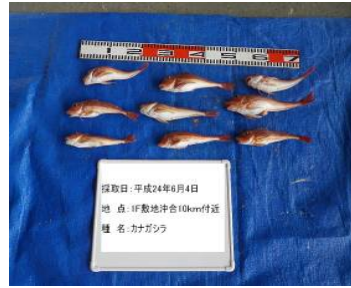
1. Greenling



2. Stone flounder



3. Lepidotrigla microptera



4. Lophius litilon



5. Common Skete



6. Microstomus achne



7. Flatfish



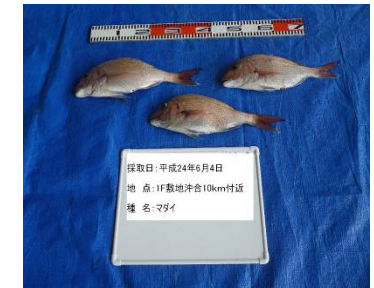
8. Dasyatis matsubarai



9. Marbled sole



10. Pagrus major



11. Octopus (Enteroctopus) dofleini



12. Roundnose flounder



13. Stingray



14. Blue crab



15. Schlegel's black rockfish



Sample Photos of Fish and Shellfish (June 4 and 6, 2012)

Sampling locations: Around 10km Offshore of 1F (T-B3), Around 1km Offshore of Ota River (T-S1),
Around 3km Offshore of Odaka Ward (T-S2)

16. *Acanthopagrus schlegelii*



17. Sea bass



18. Banded dogfish



19. Drumfish



20. *Ovalipes punctatus*



21. Northern dogfish



22. Starry flounder

