Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Blue crab (Whole)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	ND	ND	ND	
Schlegel's black rockfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	53	110	163	
Acanthopagrus schlegeli (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	8.8	19	27.8	
Sea raven (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	11	34	45	
Common skete (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	11	27	38	
Sea bass (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	53	120	173	
Microstoms achne (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	16	36	52	
Flatfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	November 29, 2013	ND	6.0	6.0	
Greenling (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	4.2	13	17.2	
Stingray (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	ND	7.9	7.9	

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

Cs-134: Approx. 4.5Bq/kg (Raw), Cs-137: Approx. 3.5Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Stone flounder (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	ND	ND	ND	
Sea raven (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	14	37	51	
Common skete (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	15	43	58	
Sebastes cheni (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	29	72	101	
Microstoms achne (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	9.6	19	28.6	
Flatfish (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 29, 2013	ND	9.6	9.6	
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	ND	ND	ND	
Common skete (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	24	50	74	
Chum salmon (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	ND	ND	ND	
Microstoms achne (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	29	60	89	

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

Cs-134: Approx. 4.1Bq/kg (Raw), Cs-137: Approx. 3.6Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 3/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Flatfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	4.0	12	16	
Yellowtail (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	ND	ND	ND	
Sea robin (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	ND	5.2	5.2	
Smooth dogfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 15, 2013	4.6	7.9	12.5	
Greenling (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	16	35	51	
Stingray (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	10	28	38	
Blue crab (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	ND	ND	ND	
Angel shark (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	22	54	76	
Sea raven (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	3.8	9.9	13.7	
Common skete (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	50	120	170	

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

Cs-134: Approx. 4.1Bq/kg (Raw), Cs-137: Approx. 4.3Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 4/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample (Region)	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Banded dogfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	52	140	192	
Microstoms achne (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	45	100	145	
Flatfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	5.9	18	23.9	
Yellowtail (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	ND	ND	ND	
Sea robin (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	ND	5.2	5.2	
Smooth dogfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	ND	9.7	9.7	
Marbled sole (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 15, 2013	7.2	18	25.2	
Common skete (Muscle)	Around 2km Offshore of Kido River (T-S5)	November 25, 2013	51	120	171	
Microstoms achne (Muscle)	Around 2km Offshore of Kido River (T-S5)	November 25, 2013	39	81	120	
Flatfish (Muscle)	Around 2km Offshore of Kido River (T-S5)	November 25, 2013	9.6	31	40.6	

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

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

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 5/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample (Region)	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Sea robin (Muscle)	Around 2km Offshore of Kido River (T-S5)	November 25, 2013	ND	ND	ND	
Greenling (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	20	38	58	
Angel shark (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	20	62	82	
Common skete (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	41	100	141	
Banded dogfish (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	300	770	1070	
Microstoms achne (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	17	53	70	
Flatfish (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	5.6	11	16.6	
Marbled sole (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 25, 2013	20	54	74	
Stingray (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	ND	ND	ND	
Blue crab (Whole)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	ND	ND	ND	

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

Cs-134: Approx. 3.7Bq/kg (Raw), Cs-137: Approx. 4.5Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 6/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Sea raven (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	ND	6.1	6.1	
Common skete (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	29	70	99	
Ovalipes unctatus (Whole)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	ND	ND	ND	
Flatfish (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	5.4	13	18.4	
Sea robin (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	4.3	8.6	12.9	
Smooth dogfish (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	7.5	15	22.5	
Marbled sole (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	14	30	44	
Carcharhinus (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 9, 2013	3.9	8.5	12.4	
Stingray (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	ND	ND	ND	
Blue crab (Whole)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	ND	ND	ND	

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

Cs-134: Approx. 3.6Bq/kg (Raw), Cs-137: Approx. 4.4Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 7/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Angel shark (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	9.7	27	36.7	
Common skete (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	31	70	101	
Flatfish (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	22	53	75	
Sea robin (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	ND	7.1	7.1	
Smooth dogfish (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	5.4	11	16.4	
Flathead (Platycephalus sp.) (Muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 18, 2013	15	37	52	
Stone flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	16	44	60	
Lepidotrigla microptera (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	ND	ND	ND	
Common skete (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	20	59	79	
Crimson sea bream (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	ND	ND	ND	

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

Cs-134: Approx. 4.1Bq/kg (Raw), Cs-137: Approx. 3.9Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 8/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Flatfish (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	3.7	6.3	10	
Common Japanese conger (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	ND	ND	ND	
Littlemouth flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	ND	ND	ND	
Marbled sole (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	6.1	12	18.1	
Dory (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	ND	ND	ND	
Roundnose flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	ND	ND	ND	
Ridged-eye flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 21, 2013	5.5	11	16.5	
Greenling (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	4.0	9.7	13.7	
Stingray (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	6.0	6.0	
Lepidotrigla microptera (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	ND	ND	

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

Cs-134: Approx. 4.2Bq/kg (Raw), Cs-137: Approx. 4.4Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 9/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Common skete (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	20	48	68	
Sea bass (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	4.5	16.0	20.5	
Crimson sea bream (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	ND	ND	
Flatfish (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	8.5	19	27.5	
Smooth dogfish (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	4.4	4.4	
Common Japanese conger (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	ND	ND	
Littlemouth flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	4.9	4.9	
Marbled sole (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	6.5	9.9	16.4	
Dory (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	ND	ND	
Roundnose flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	ND	ND	ND	

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

Cs-134: Approx. 4.8Bq/kg (Raw), Cs-137: Approx. 4.3Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 10/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Ridged-eye flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 21, 2013	7.2	13	20.2	
Greenling (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	22	46	68	
Stone flounder (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	7.5	20	27.5	
Common skete (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	12	41	53	
Takifugu snyderi (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	ND	5.3	5.3	
Sea bass (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	ND	8.6	8.6	
Crimson sea bream (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	ND	4.5	4.5	
Flatfish (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	21	43	64	
Smooth dogfish (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	ND	7.6	7.6	
Littlemouth flounder (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	3.7	9.6	13.3	

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

Cs-134: Approx. 3.9Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 11/11 > (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on December 18)

Name of Sample	Place of Sampling		Radioactivity Density [Bq/kg (Raw)] (Half-life)			
(Region)	(Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total	
Marbled sole (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	November 23, 2013	6.4	20	26.4	
Stone flounder (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	ND	4.9	4.9	
Lepidotrigla microptera (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	ND	ND	ND	
Common skete (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	19	44	63	
Crimson sea bream (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	ND	ND	ND	
Smooth dogfish (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	4.1	11	15.1	
Littlemouth flounder (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	3.9	11	14.9	
Marbled sole (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	8.2	20	28.2	
Dory (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	ND	ND	ND	
Roundnose flounder (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	November 23, 2013	ND	ND	ND	

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

Cs-134: Approx. 4.5Bq/kg (Raw), Cs-137: Approx. 4.5Bq/kg (Raw)

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

^{*} Analyzed by Tokyo Power Technology Ltd.