

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) <1/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Greenling(muscle)	Around 1km Offshore of Ota River (T-S1)	November 21, 2014	ND(3.7)	4.3	4.3
Sea raven(muscle)	Around 1km Offshore of Ota River (T-S1)	November 21, 2014	4.0	15	19
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	November 21, 2014	4.9	29	33.9
Microstomus achne(muscle)	Around 1km Offshore of Ota River (T-S1)	November 21, 2014	ND(4.4)	11	11
Flatfish(muscle)	Around 1km Offshore of Ota River (T-S1)	November 21, 2014	ND(3.7)	ND(4.0)	ND
Sea raven(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	ND(3.6)	ND(4.0)	ND
Common skete(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	ND(4.4)	27	27
Microstomus achne(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	8.9	24	32.9
Flatfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	ND(4.2)	9.8	9.8
Sea robin(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	ND(4.4)	ND(4.3)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <2/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Marbled sole(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	ND(4.1)	6.4	6.4
Dory(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 21, 2014	ND(3.5)	ND(3.7)	ND
Blue crab(Whole)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	ND(4.1)	ND(4.8)	ND
Common skete(muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	8.4	17	25.4
Drumfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	ND(3.8)	ND(3.8)	ND
Flatfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	ND(3.4)	ND(4.5)	ND
Sea robin(muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	ND(3.3)	ND(3.7)	ND
Marbled sole(muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	ND(3.9)	6.9	6.9
Carcharhinus(muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2014	ND(3.3)	5.7	5.7
Stingray(muscle)	Around 3km Offshore of 1F (T-S4)	November 14, 2014	4.0	12	16

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <3/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Blue crab(whole)	Around 3km Offshore of 1F (T-S4)	November 14, 2014	ND(3.7)	ND(4.9)	ND
Common skete(muscle)	Around 3km Offshore of 1F (T-S4)	November 14, 2014	6.0	32	38
Flatfish(muscle)	Around 3km Offshore of 1F (T-S4)	November 14, 2014	ND(3.8)	5.4	5.4
Sea robin(muscle)	Around 3km Offshore of 1F (T-S4)	November 14, 2014	ND(3.5)	ND(3.3)	ND
Marbled sole(muscle)	Around 3km Offshore of 1F (T-S4)	November 14, 2014	4.5	19	23.5
Blue crab(whole)	Around 4km Offshore of Kumagawa (T-S8)	November 30, 2014	ND(2.8)	ND(3.7)	ND
Common skete(muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 30, 2014	11	33	44
Ovalipes punctatus(whole)	Around 4km Offshore of Kumagawa (T-S8)	November 30, 2014	ND(4.3)	ND(4.5)	ND
Flatfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 30, 2014	ND(3.4)	8.7	8.7
Smooth dogfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 30, 2014	ND(3.2)	10	10

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <4/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Flathead (Platycephalus sp.) (muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 30, 2014	7.8	29	36.8
Greenling(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.8)	5.3	5.3
Stone flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.9)	12	12
Lepidotrigla microptera(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.5)	ND(3.6)	ND
Gnathophis nystromi nystromi(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.4)	ND(4.2)	ND
Common skate(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	5.2	15	20.2
Sea bass(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.7)	17	17
Crimson sea bream(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.9)	ND(3.5)	ND
Flatfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.7)	11	11
Smooth dogfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.1)	6.0	6.0

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <5/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Littlemouth flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.1)	ND(4.0)	ND
Marbled sole(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.6)	7.7	7.7
Roundnose flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(4.1)	ND(3.6)	ND
Ridged-eye flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 18, 2014	ND(3.3)	ND(3.7)	ND
Greenling(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.8)	ND(3.3)	ND
Stone flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	3.6	13	16.6
Striped jewfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.8)	ND(4.0)	ND
Blue crab(whole)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.8)	ND(4.6)	ND
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.3)	ND(4.1)	ND
Gnathophis nystromi nystromi(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.4)	4.3	4.3

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <6/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.3)	ND(3.6)	ND
Microstomus achne(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(4.3)	5.2	5.2
Flatfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(4.2)	4.6	4.6
Smooth dogfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.7)	ND(3.4)	ND
Common Japanese conger(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.0)	ND(3.2)	ND
Littlemouth flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.8)	6.5	6.5
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(4.3)	13	13
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.5)	4.1	4.1
Roundnose flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(3.3)	5.7	5.7
Ridged-eye flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 18, 2014	ND(2.9)	ND(3.2)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <7/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Stone flounder(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(3.6)	4.5	4.5
Common skate(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	7.1	22	29.1
Sea bass(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(4.5)	7.1	7.1
Crimson sea bream(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(3.8)	ND(3.7)	ND
Flatfish(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(3.8)	7.9	7.9
Sea robin(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(3.8)	ND(4.0)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(3.3)	ND(3.7)	ND
Littlemouth flounder(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	ND(4.4)	5.7	5.7
Marbled sole(muscle)	Around 10km Offshore of 1F (T-B3)	November 25, 2014	9.8	30	39.8
Stone flounder(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	9.1	25	34.1

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* 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) <8/8>
(excluding inside the port)**

(Data summarized on December 17)

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)	CS (Total)
Lepidotrigla microptera(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(3.8)	ND(4.6)	ND
Common skate(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	11	27	38
Sea bass(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(3.9)	5.2	5.2
Flatfish(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(3.5)	9.5	9.5
Smooth dogfish(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(4.2)	8.1	8.1
Littlemouth flounder(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(3.9)	6.4	6.4
Marbled sole(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(3.7)	5.5	5.5
Pagrus major(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(3.1)	ND(4.3)	ND
Roundnose flounder(muscle)	Around 10km Offshore of 2F (T-B4)	November 25, 2014	ND(4.0)	3.9	3.9

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.