

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<1/10>
(excluding the port)**

(Data summarized on August 18)

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 (Sum)
Stingray(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.7)	ND(4.3)	ND
Northern dogfish(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.9)	ND(4.1)	ND
Blue crab(Whole)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.2)	ND(3.8)	ND
Schlegel's black rockfish(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(4.4)	8.0	8.0
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.6)	ND(3.8)	ND
Banded dogfish(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(4.0)	4.1	4.1
Drumfish(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.7)	ND(3.4)	ND
Ovalipes punctatus(Whole)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.9)	ND(4.9)	ND
Flatfish(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.7)	ND(4.2)	ND
Smooth dogfish(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	ND(3.8)	4.1	4.1

* 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 (Since April 1, 2015) Total Cs-134 and 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)<2/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Marbled sole(muscle)	Around 1km Offshore of Ota River (T-S1)	July 9, 2015	5.5	18	23.5
Northern dogfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(3.6)	ND(4.2)	ND
Blue crab (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(3.7)	ND(3.2)	ND
Common skete(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(3.5)	9.7	9.7
Microstomus achne(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(3.7)	9.8	9.8
Ovalipes punctatus(Whole)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(3.7)	ND(3.5)	ND
Flatfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(4.4)	ND(3.9)	ND
Marbled sole(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(4.7)	6.5	6.5
Pagrus major(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 9, 2015	ND(3.6)	4.0	4.0
Stone flounder(muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(3.6)	ND(4.0)	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 (Since April 1, 2015) Total Cs-134 and 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) <3/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(4.3)	ND(3.9)	ND
Common skete(muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	8.0	35	43
Drumfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(3.8)	ND(4.0)	ND
Ovalipes punctatus(Whole)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(2.9)	ND(4.6)	ND
Flatfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(4.0)	8.8	8.8
Sea robin(muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(3.8)	ND(3.5)	ND
Marbled sole(muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 8, 2015	ND(3.8)	5.9	5.9
Northern dogfish(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(4.5)	ND(3.6)	ND
Stone flounder(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.2)	5.6	5.6
Blue crab(Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.1)	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 (Since April 1, 2015) Total Cs-134 and 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)<4/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Lepidotrigla microptera(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.9)	ND(3.5)	ND
Lophius litilon(Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.9)	ND(3.9)	ND
Common skete(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.7)	12	12
Microstomus achne(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	6.6	29	35.6
Flatfish(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.9)	ND(4.1)	ND
Sea robin(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(3.2)	ND(4.0)	ND
Marbled sole(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	July 8, 2015	ND(4.1)	13	13
Greenling(muscle)	Around 2km Offshore of Kido River (T-S5)	July 3, 2015	ND(3.9)	7.6	7.6
Common skete(muscle)	Around 2km Offshore of Kido River (T-S5)	July 3, 2015	8.1	30	38.1
Microstomus achne(muscle)	Around 2km Offshore of Kido River (T-S5)	July 3, 2015	ND(4.8)	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 (Since April 1, 2015) Total Cs-134 and 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)<5/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Flatfish(muscle)	Around 2km Offshore of Kido River (T-S5)	July 3, 2015	ND(4.3)	6.1	6.1
Smooth dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	July 3, 2015	ND(4.0)	4.2	4.2
Marbled sole(muscle)	Around 2km Offshore of Kido River (T-S5)	July 3, 2015	ND(3.3)	13	13
Angel shark(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	July 3, 2015	8.1	37	45.1
Fox jacopever(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	July 3, 2015	ND(3.9)	8.9	8.9
Common skete(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	July 3, 2015	7.6	32	39.6
Microstomus achne(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	July 3, 2015	9.0	40	49
Flatfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	July 3, 2015	ND(3.9)	ND(3.4)	ND
Marbled sole(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	July 3, 2015	ND(3.8)	6.8	6.8
Blue crab(Whole)	Around 4km Offshore of Kumagawa (T-S8)	July 13, 2015	ND(3.2)	ND(3.4)	ND

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* Standard value (Since April 1, 2015) Total Cs-134 and 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) <6/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Common skete(muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 13, 2015	ND(4.0)	11	11
Ovalipes punctatus(Whole)	Around 4km Offshore of Kumagawa (T-S8)	July 13, 2015	ND(3.3)	3.4	3.4
Flatfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 13, 2015	ND(3.8)	8.0	8.0
Smooth dogfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 13, 2015	ND(3.5)	11	11
Carcharhinus(muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 13, 2015	ND(4.2)	ND(4.0)	ND
Lepidotrigla microptera(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 10, 2015	ND(3.5)	ND(3.9)	ND
Common skete(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 10, 2015	ND(3.3)	5.9	5.9
Microstomus achne(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 10, 2015	ND(3.9)	3.3	3.3
Flatfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 10, 2015	ND(3.1)	ND(3.8)	ND
Littlemouth flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 10, 2015	ND(4.1)	ND(3.4)	ND

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"ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* Standard value (Since April 1, 2015) Total Cs-134 and 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)<7/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Pacific cod(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 10, 2015	ND(4.5)	ND(3.7)	ND
Greenling(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(4.1)	ND(2.9)	ND
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.9)	ND(3.7)	ND
Lophius litilon(Whole)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(4.3)	ND(3.6)	ND
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.9)	ND(3.6)	ND
Cloudy catshark(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.1)	ND(3.5)	ND
Microstomus achne(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.6)	4.2	4.2
Flatfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.5)	4.9	4.9
Common horse mackerel(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.8)	ND(3.6)	ND
Common Japanese conger(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(2.7)	ND(3.6)	ND

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"ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* Standard value (Since April 1, 2015) Total Cs-134 and 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) <8/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Littlemouth flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.0)	ND(3.3)	ND
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.2)	4.3	4.3
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.2)	ND(3.8)	ND
Slippery sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 10, 2015	ND(3.5)	4.9	4.9
Northern dogfish(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.5)	11	11
Stone flounder(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(4.0)	ND(3.3)	ND
Lepidotrigla microptera(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(4.1)	ND(3.3)	ND
Lophius litilon(Whole)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.8)	ND(2.8)	ND
Common skate(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.9)	17	17
Flatfish(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.8)	3.6	3.6

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* Standard value (Since April 1, 2015) Total Cs-134 and 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)<9/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Sea robin(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.9)	ND(3.3)	ND
Littlemouth flounder(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.2)	4.4	4.4
Marbled sole(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(4.2)	11	11
Pagrus major(muscle)	Around 10km Offshore of 1F (T-B3)	July 14, 2015	ND(3.2)	ND(3.6)	ND
Lepidotrigla microptera(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(3.9)	ND(3.5)	ND
Lophius litilon(Whole)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(4.0)	ND(4.6)	ND
Common skete(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(3.5)	6.9	6.9
Microstomus achne(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(4.2)	6.3	6.3
Flatfish(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(3.1)	3.7	3.7
Smooth dogfish(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(3.9)	7.3	7.3

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* Standard value (Since April 1, 2015) Total Cs-134 and 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) <10/10>
(excluding the port)

(Data summarized on August 18)

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 (Sum)
Littlemouth flounder(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2015	ND(3.6)	ND(3.5)	ND
Marbled sole(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2016	ND(4.6)	9.6	9.6
Pagrus major(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2017	ND(3.4)	ND(3.8)	ND
Dory(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2018	ND(3.0)	ND(3.7)	ND
Roundnose flounder(muscle)	Around 10km Offshore of 2F (T-B4)	July 14, 2019	ND(3.4)	ND(2.7)	ND

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"ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

* Standard value (Since April 1, 2015) Total Cs-134 and Cs-137: 100Bq/kg。

* Analyzed by: Tokyo Power Technology Ltd.