

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

(Data summarized on November 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 1km Offshore of Ota River (T-S1)	Oct 21, 2015	ND(3.4)	ND(4.2)	ND
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct 21, 2015	ND(3.2)	7.7	7.7
Flatfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct 21, 2015	ND(4.3)	ND(3.8)	ND
Smooth dogfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct 21, 2015	ND(3.5)	3.6	3.6
Blue crab(whole)	Around 3km Offshore of Odaka Ward (T-S2)	Oct 21, 2015	ND(3.6)	7.7	7.7
Acanthopagrus schlegeli(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct 21, 2015	ND(3.8)	ND(3.6)	ND
Common skete(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct 21, 2015	ND(3.8)	19	19
Flatfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct 21, 2015	ND(3.6)	4.8	4.8
Stingray(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct 28, 2015	ND(3.9)	ND(3.6)	ND
Blue crab(whole)	Around 3km Offshore of Ukedo River (T-S3)	Oct 28, 2015	ND(3.6)	ND(3.3)	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, 2012) Total of 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)<2/8>  
(excluding the port)

(Data summarized on November 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 3km Offshore of Ukedo River (T-S3)	Oct 28, 2015	4.1	19	23.1
Flatfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct 28, 2015	ND(4.4)	ND(3.9)	ND
Sea robin(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct 28, 2015	ND(3.2)	ND(3.3)	ND
Dory(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct 28, 2015	ND(4.7)	ND(4.2)	ND
Stingray(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(4.3)	19	19
Blue crab (whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(4.8)	ND(4.1)	ND
Common skete(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(4.4)	17	17
Flatfish(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(3.6)	3.8	3.8
Sea robin(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(3.9)	ND(3.3)	ND
Dasyatis matsubarai(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(3.3)	ND(3.8)	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, 2012) Total of 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)<3/8>  
(excluding the port)

(Data summarized on November 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 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(3.8)	9.5	9.5
Pagrus major(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Oct 28, 2015	ND(3.5)	ND(3.9)	ND
Stone flounder(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct 16, 2015	ND(4.0)	3.7	3.7
Blue crab (whole)	Around 2km Offshore of Kido River (T-S5)	Oct 16, 2015	ND(3.1)	ND(3.5)	ND
Angel shark(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct 16, 2015	ND(3.8)	4.7	4.7
Common skate(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct 16, 2015	6.2	23	29.2
Flatfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct 16, 2015	ND(4.3)	4.6	4.6
Smooth dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct 16, 2015	5.5	25	30.5
Blue crab (whole)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	Oct 16, 2015	ND(4.1)	ND(3.7)	ND
Acanthopagrus schlegeli(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	Oct 16, 2015	ND(2.6)	9.3	9.3

\* 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 (Since April 1, 2012) Total of Cs-134 and Cs-137: 100Bq/kg。

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Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<4/8>  
(excluding the port)

(Data summarized on November 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)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	Oct 16, 2015	4.7	21	25.7
Banded dogfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	Oct 16, 2015	8.3	35	43.3
Flatfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	Oct 16, 2015	ND(3.1)	9.4	9.4
Flathead (Platycephalus sp.) (muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	Oct 16, 2015	ND(3.9)	11	11
Blue crab (whole)	Around 4km Offshore of Kumagawa (T-S8)	Oct 19, 2015	ND(3.2)	ND(3.8)	ND
Common skete(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct 19, 2015	ND(4.1)	17	17
Flatfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct 19, 2015	ND(3.5)	8.3	8.3
Smooth dogfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct 19, 2015	ND(4.3)	ND(4.0)	ND
Carcharhinus(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct 19, 2015	ND(3.2)	ND(4.0)	ND
Stone flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct 23, 2015	ND(4.6)	4.5	4.5

\* 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, 2012) Total of 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)<5/8>  
(excluding the port)

(Data summarized on November 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 15km Offshore of Odaka Ward (T-B1)	Oct 23, 2015	ND(3.7)	ND(4.2)	ND
Common skete(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct 23, 2015	ND(4.4)	13	13
Loliginid (whole)	Around 15km Offshore of Odaka Ward (T-B1)	Oct 23, 2015	ND(3.8)	ND(4.1)	ND
Dory(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct 23, 2015	ND(3.5)	ND(4.0)	ND
Zenopsis nebulosa(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(4.2)	ND(3.6)	ND
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.9)	ND(3.9)	ND
Common skete(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.8)	6.9	6.9
Loliginid (whole)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(4.3)	ND(3.3)	ND
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(4.2)	ND(4.0)	ND
Flatfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(4.1)	ND(3.6)	ND

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\* Standard value (Since April 1, 2012) Total of 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)<6/8>  
(excluding the port)

(Data summarized on  
November 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)
Smooth dogfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.6)	3.7	3.7
Common horse mackerel(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.6)	ND(3.4)	ND
Littlemouth flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.3)	ND(3.9)	ND
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.6)	ND(3.6)	ND
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.8)	ND(3.3)	ND
Roundnose flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(4.4)	ND(3.6)	ND
Ridged-eye flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct 23, 2015	ND(3.9)	ND(3.4)	ND
Stone flounder(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(3.3)	5.9	5.9
Angel shark(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(3.6)	10	10
Common skete(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(4.1)	8.2	8.2

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

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(excluding the port)

(Data summarized on November 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)	Oct 20, 2015	ND(3.9)	ND(3.2)	ND
Dasyatis matsubara(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(3.6)	ND(3.7)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(4.4)	ND(3.9)	ND
Marbled sole(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(3.5)	5.4	5.4
Pagrus major(muscle)	Around 10km Offshore of 1F (T-B3)	Oct 20, 2015	ND(4.5)	ND(4.0)	ND
Stone flounder(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(3.0)	9.4	9.4
Lepidotrigla microptera(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(4.2)	ND(3.8)	ND
Common skate(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(4.2)	18	18
Flatfish(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(3.7)	5.8	5.8
Sea robin(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(3.8)	ND(3.6)	ND

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

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(excluding the port)

(Data summarized on November 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)
Smooth dogfish(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(4.0)	8.5	8.5
Marbled sole(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(3.4)	ND(3.6)	ND
Pagrus major(muscle)	Around 10km Offshore of 2F (T-B4)	Oct 20, 2015	ND(4.1)	ND(4.1)	ND

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