

Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <1/9>
(excluding the port)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[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. 14, 2016	ND(3.4)	ND(4.3)	ND
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct. 14, 2016	ND(3.4)	3.8	3.8
Drumfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct. 14, 2016	ND(4.5)	ND(4.5)	ND
Flatfish①(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct. 14, 2016	ND(3.0)	ND(4.2)	ND
Flatfish②(muscle)	Around 1km Offshore of Ota River (T-S1)	Oct. 14, 2016	ND(2.9)	ND(3.8)	ND
Stone flounder(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.5)	ND(2.9)	ND
Blue crab(whole)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.4)	ND(3.4)	ND
Common skete(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.3)	ND(4.2)	ND
Flatfish①(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.5)	ND(4.5)	ND
Flatfish②(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.3)	ND(3.3)	ND

*When analyzed results are less than detection limits of radioactivity concentrations, the values are showed as "ND." Detection limits of individual nuclides are shown in parenthesis.

*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

*Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <2/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Dasyatis matsubarai(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.6)	ND(3.4)	ND
Smooth dogfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(3.4)	ND(3.8)	ND
Pagrus major(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Oct. 14, 2016	ND(4.5)	6.6	6.6
Blue crab(whole)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.5)	ND(4.1)	ND
Common skete(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.2)	ND(3.8)	ND
Pennahia argentata(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(4.0)	ND(3.4)	ND
Crimson sea bream(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.8)	ND(3.2)	ND
Drumfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(4.4)	4.1	4.1
Flatfish①(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.6)	5.2	5.2
Flatfish②(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.2)	ND(3.2)	ND

*When analyzed results are less than detection limits of radioactivity concentrations, the values are showed as "ND." Detection limits of individual nuclides are shown in parenthesis.

*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

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Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <3/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Sea robin(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(4.2)	ND(2.9)	ND
Smooth dogfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.3)	ND(3.5)	ND
Common horse mackerel(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.5)	ND(3.9)	ND
Marbled sole(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(3.8)	7.6	7.6
Carcharhinus(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Oct. 13, 2016	ND(4.5)	10	10
Blue crab(whole)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.7)	ND(3.4)	ND
Common skete(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.9)	7.8	7.8
Crimson sea bream(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.2)	ND(3.6)	ND
Drumfish(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.5)	4.1	4.1
Flatfish①(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(4.0)	6.5	6.5

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*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

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Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <4/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Flatfish②(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.4)	ND(3.7)	ND
Yellowtail(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.3)	ND(3.6)	ND
Sea robin(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(3.8)	ND(3.4)	ND
Pagrus major(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	Oct. 13, 2016	ND(4.0)	ND(4.7)	ND
Common skete(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct. 15, 2016	ND(3.3)	9.5	9.5
Banded dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct. 15, 2016	ND(4.1)	ND(4.6)	ND
Flatfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct. 15, 2016	ND(4.3)	3.3	3.3
Smooth dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Oct. 15, 2016	ND(3.9)	5.0	5.0
Blue crab(whole)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2016	ND(3.8)	ND(3.6)	ND
Common skete(muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2016	ND(4.2)	ND(3.9)	ND

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*Since April 1, 2012, the baseline is the sum of radioactivity concentrations of Cs-134 and Cs-137, which is 100Bq/kg.

*Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <5/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Banded dogfish(muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2015	ND(3.9)	4.5	4.5
Japanese eagle ray (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2015	ND(3.4)	3.2	3.2
Flatfish①(muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2015	ND(3.4)	4.2	4.2
Flatfish②(muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2015	ND(4.1)	4.0	4.0
Marbled sole(muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	Oct. 15, 2015	ND(3.3)	4.2	4.2
Stingray(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2015	ND(3.2)	ND(2.9)	ND
Blue crab(whole)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2015	ND(3.9)	6.6	6.6
Angel shark(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2015	ND(3.8)	9.7	9.7
Common skete(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2015	ND(3.7)	7.6	7.6
Drumfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2015	ND(3.8)	ND(4.2)	ND

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Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <6/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Flatfish①(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2016	ND(3.6)	ND(3.7)	ND
Flatfish②(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2016	ND(3.4)	4.0	4.0
Sea robin(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2016	ND(3.5)	ND(3.9)	ND
Dasyatis matsubarai(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Oct. 21, 2016	ND(3.0)	ND(4.1)	ND
Stone flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.0)	ND(4.0)	ND
Angel shark(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.6)	16	16
Common skate(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.5)	ND(3.9)	ND
Takifugu snyderi(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.7)	ND(3.8)	ND
Crimson sea bream(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.4)	ND(3.7)	ND
Littlemouth flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.1)	ND(3.8)	ND

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Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <7/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Marbled sole(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(4.1)	ND(3.5)	ND
Carcharhinus(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Oct. 19, 2016	ND(3.2)	4.7	4.7
Stone flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(3.3)	5.7	5.7
Striped jewfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(4.4)	ND(3.8)	ND
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(4.1)	ND(4.0)	ND
Common skete(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(4.1)	ND(3.3)	ND
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(4.4)	ND(3.7)	ND
Flatfish①(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(3.7)	ND(3.0)	ND
Flatfish②(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(3.4)	ND(3.1)	ND
Smooth dogfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(3.4)	5.5	5.5

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Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <8/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[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)	Oct. 19, 2016	ND(3.1)	5.4	5.4
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(4.2)	6.6	6.6
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Oct. 19, 2016	ND(4.1)	ND(4.2)	ND
Stone flounder(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.5)	ND(3.7)	ND
Angel shark(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.9)	8.6	8.6
Common skete(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.7)	7.4	7.4
Flatfish①(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.4)	ND(3.5)	ND
Flatfish②(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.9)	ND(4.4)	ND
Marbled sole(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.4)	15	15
Pagrus major(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	Oct. 17, 2016	ND(3.7)	ND(3.5)	ND

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Nuclide Analysis Results of Fish and Shellfish
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <9/9>
(excluding the port)

Name of Sample
(Region)

(Data summarized on November 22)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Stingray(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.6)	ND(3.0)	ND
Angel shark(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(4.2)	8.8	8.8
Common skete(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(4.5)	6.3	6.3
Flatfish①(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.5)	ND(3.3)	ND
Flatfish②(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.2)	ND(3.6)	ND
Sea robin(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.4)	ND(4.3)	ND
Marbled sole(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.4)	4.5	4.5
Pagrus major(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.7)	ND(3.8)	ND
Dory(muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	Oct. 17, 2017	ND(3.8)	ND(3.2)	ND

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