

Nuclide Analysis Results of Fish and Shellfish
(Sampled from the Ocean Area within a 20km Radius of the Fukushima Daiichi Nuclear Power Station) <1/7>
(excluding the port)

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)
Stone flounder (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.7)	ND(3.8)	ND
Black sea bream (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(4.2)	ND(3.6)	ND
Sea raven (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.7)	ND(3.2)	ND
Common skete (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.9)	ND(4.3)	ND
Sea bass (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.4)	ND(3.6)	ND
Microstomus achne (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.5)	ND(3.3)	ND
Flatfish ① (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.3)	ND(3.3)	ND
Flatfish ② (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.6)	ND(3.6)	ND
Marbled sole (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.9)	ND(3.4)	ND
Red sea bream (muscle)	Around 1km Offshore of Ota River (T-S1)	November 8, 2019	ND(3.5)	3.7	3.7

*ND indicates that a value is less than detection limits of radioactivity concentration. The detection limit for each nuclide is shown in parenthesis.

*Reference value (on and after April 1, 2012) Sum of radioactivity concentrations for Cs-134 and Cs-137: 100Bq/kg.

*Analysis was conducted by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Sampled from the Ocean Area within a 20km Radius of the Fukushima Daiichi Nuclear Power Station) <2/7>
(excluding the port)

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)
Common skete (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 8, 2019	ND(3.0)	ND(4.2)	ND
Flatfish ① (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 8, 2019	ND(3.7)	ND(3.5)	ND
Flatfish ② (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	November 8, 2019	ND(3.8)	ND(4.1)	ND
Flatfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2019	ND(3.0)	ND(3.1)	ND
Searobin (muscle)	Around 3km Offshore of Ukedo River (T-S3)	November 14, 2019	ND(4.4)	ND(4.0)	ND
Banded houndshark (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	November 14, 2019	ND(3.8)	ND(2.9)	ND
Flatfish (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	November 14, 2019	ND(3.5)	ND(3.7)	ND
Searobin (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	November 14, 2019	ND(4.0)	ND(3.5)	ND
Common skete (muscle)	Around 2km Offshore of Kido River (T-S5)	November 6, 2019	ND(3.2)	4.5	4.5
Banded houndshark (muscle)	Around 2km Offshore of Kido River (T-S5)	November 6, 2019	ND(3.9)	5.6	5.6

*ND indicates that a value is less than detection limits of radioactivity concentration. The detection limit for each nuclide is shown in parenthesis.

*Reference value (on and after April 1, 2012) Sum of radioactivity concentrations for Cs-134 and Cs-137: 100Bq/kg.

*Analysis was conducted by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Sampled from the Ocean Area within a 20km Radius of the Fukushima Daiichi Nuclear Power Station) <3/7>
(excluding the port)

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)
Microstomus achne (muscle)	Around 2km Offshore of Kido River (T-S5)	November 6, 2019	ND(3.8)	ND(4.5)	ND
Flatfish (muscle)	Around 2km Offshore of Kido River (T-S5)	November 6, 2019	ND(3.4)	ND(4.0)	ND
Japanese angel shark (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	November 6, 2019	ND(3.2)	4.2	4.2
Common skete (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	November 6, 2019	ND(2.9)	ND(3.8)	ND
Chum salmon (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	November 6, 2019	ND(4.5)	ND(2.9)	ND
Microstomus achne (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	November 6, 2019	ND(4.1)	ND(4.2)	ND
Flatfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	November 6, 2019	ND(3.6)	ND(3.8)	ND
Common skete (muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 21, 2019	ND(3.9)	ND(4.0)	ND
Flatfish ① (muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 21, 2019	ND(3.5)	ND(4.2)	ND
Flatfish ② (muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 21, 2019	ND(4.0)	ND(3.7)	ND

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*Analysis was conducted by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Sampled from the Ocean Area within a 20km Radius of the Fukushima Daiichi Nuclear Power Station) <4/7>
(excluding the port)

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)
Searobin (muscle)	Around 4km Offshore of Kumagawa (T-S8)	November 21, 2019	ND(3.1)	ND(3.7)	ND
Globefish (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 12, 2019	ND(3.1)	ND(4.2)	ND
Crimson sea bream (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 12, 2019	ND(3.3)	ND(4.1)	ND
Flatfish (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 12, 2019	ND(4.1)	ND(2.9)	ND
Marbled sole (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 12, 2019	ND(3.5)	ND(4.0)	ND
Roundnose flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 12, 2019	ND(3.9)	ND(4.1)	ND
Ridged-eye flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	November 12, 2019	ND(3.7)	ND(3.3)	ND
Greenling (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.1)	ND(3.7)	ND
Stone flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.4)	ND(3.4)	ND
Lepidotrigla microptena (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.6)	ND(3.5)	ND

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*Reference value (on and after April 1, 2012) Sum of radioactivity concentrations for Cs-134 and Cs-137: 100Bq/kg.

*Analysis was conducted by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Sampled from the Ocean Area within a 20km Radius of the Fukushima Daiichi Nuclear Power Station) <5/7>
(excluding the port)

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)
Common skete (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(4.1)	ND(4.0)	ND
White croaker (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.9)	ND(4.7)	ND
Crimson sea bream (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(4.0)	ND(3.7)	ND
Flatfish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.2)	ND(3.4)	ND
Littlemouth flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.7)	ND(3.9)	ND
Marbled sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.7)	ND(3.5)	ND
Red sea bream (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(4.0)	ND(4.3)	ND
John dory (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.9)	ND(3.6)	ND
Roundnose flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.8)	ND(3.6)	ND
Ridged-eye flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	November 12, 2019	ND(3.6)	ND(4.0)	ND

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*Reference value (on and after April 1, 2012) Sum of radioactivity concentrations for Cs-134 and Cs-137: 100Bq/kg.

*Analysis was conducted by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish
(Sampled from the Ocean Area within a 20km Radius of the Fukushima Daiichi Nuclear Power Station) <6/7>
(excluding the port)

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)
Japanese angel shark (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(3.7)	ND(3.6)	ND
Lepidotrigla microptena (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(2.8)	ND(3.9)	ND
Common skete (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(3.9)	ND(3.5)	ND
Globefish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(3.4)	ND(3.5)	ND
Sea bass (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(3.9)	ND(4.0)	ND
Crimson sea bream (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(3.6)	ND(3.9)	ND
Flatfish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(4.0)	ND(2.9)	ND
Searobin (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(3.9)	ND(3.6)	ND
Red sea bream (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	November 19, 2019	ND(4.9)	ND(3.7)	ND
Japanese angel shark (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(4.1)	ND(3.1)	ND

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*Analysis was conducted by Tokyo Power Technology Ltd.

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

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)
Lepidotrigla microptena (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(3.6)	ND(3.8)	ND
Common skete (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(3.9)	ND(3.7)	ND
Globefish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(3.8)	ND(3.2)	ND
Crimson sea bream (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(3.4)	ND(3.9)	ND
Flatfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(4.0)	ND(3.7)	ND
Searobin (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(3.3)	ND(3.1)	ND
Smooth dogfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(4.1)	ND(4.5)	ND
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(3.3)	ND(3.2)	ND
Red sea bream (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	November 19, 2019	ND(4.1)	ND(2.7)	ND

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*Reference value (on and after April 1, 2012) Sum of radioactivity concentrations for Cs-134 and Cs-137: 100Bq/kg.

*Analysis was conducted by Tokyo Power Technology Ltd.