

**Nuclide Analysis Results of Fish and Shellfish**  
(Ocean Area Within 20km Radius of 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)
Common skete (muscle)	Around 1km Offshore of Ota River (T-S1)	October 5, 2017	ND(3.6)	ND(3.5)	ND
Drumfish (muscle)	Around 1km Offshore of Ota River (T-S1)	October 5, 2017	ND(3.6)	ND(3.8)	ND
Flatfish ① (muscle)	Around 1km Offshore of Ota River (T-S1)	October 5, 2017	ND(3.0)	ND(3.2)	ND
Flatfish ② (muscle)	Around 1km Offshore of Ota River (T-S1)	October 5, 2017	ND(4.0)	ND(3.2)	ND
Species of hound shark (muscle)	Around 1km Offshore of Ota River (T-S1)	October 5, 2017	ND(3.4)	ND(3.3)	ND
Stingray (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	October 5, 2017	ND(3.3)	ND(3.6)	ND
Blue crab (whole)	Around 3km Offshore of Odaka Ward (T-S3)	October 5, 2017	ND(3.9)	ND(3.7)	ND
Common skete (muscle)	Around 3km Offshore of Odaka Ward (T-S4)	October 5, 2017	ND(4.6)	ND(3.9)	ND
Drumfish (muscle)	Around 3km Offshore of Odaka Ward (T-S5)	October 5, 2017	ND(3.7)	ND(3.3)	ND
Flatfish (muscle)	Around 3km Offshore of Odaka Ward (T-S6)	October 5, 2017	ND(4.1)	ND(4.0)	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) <2/7>  
(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)
Species of hound shark (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	October 5, 2017	ND(3.8)	ND(3.6)	ND
Blue crab (whole)	Around 3km Offshore of Ukedo River (T-S3)	October 19, 2017	ND(4.1)	ND(3.4)	ND
Japanese angel shark (muscle)	Around 3km Offshore of Ukedo River (T-S3)	October 19, 2017	ND(3.4)	23	23
Common skete (muscle)	Around 3km Offshore of Ukedo River (T-S3)	October 19, 2017	ND(3.3)	ND(3.5)	ND
Flatfish ① (muscle)	Around 3km Offshore of Ukedo River (T-S3)	October 19, 2017	ND(3.2)	ND(3.1)	ND
Flatfish ② (muscle)	Around 3km Offshore of Ukedo River (T-S3)	October 19, 2017	ND(3.8)	ND(3.7)	ND
Blue crab (whole)	Around 3km Offshore of Fukushima Daiichi (T-S4)	October 19, 2017	ND(2.6)	ND(3.6)	ND
Common skete (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	October 19, 2017	ND(3.5)	6.0	6.0
Flatfish ① (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	October 19, 2017	ND(4.0)	ND(3.9)	ND
Flatfish ② (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	October 19, 2017	ND(4.1)	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) <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)
marbled sole (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	October 19, 2017	ND(4.5)	ND(4.2)	ND
Common skate (muscle)	Around 2km Offshore of Kido River (T-S5)	October 3, 2017	ND(3.9)	ND(4.3)	ND
Banded houndshark (muscle)	Around 2km Offshore of Kido River (T-S5)	October 3, 2017	ND(4.0)	5.2	5.2
Flatfish ① (muscle)	Around 2km Offshore of Kido River (T-S5)	October 3, 2017	ND(4.0)	ND(4.0)	ND
Flatfish ② (muscle)	Around 2km Offshore of Kido River (T-S5)	October 3, 2017	ND(3.6)	ND(3.4)	ND
Carcharhinus (muscle)	Around 2km Offshore of Kido River (T-S5)	October 3, 2017	ND(3.5)	ND(3.6)	ND
Stingray (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(3.5)	ND(3.9)	ND
Blue crab (whole)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(3.0)	ND(4.5)	ND
Common skate (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(2.8)	14	14
Japanese eagle ray (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(4.5)	ND(3.4)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of 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)
Drumfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(3.7)	ND(3.6)	ND
Flatfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(3.8)	ND(3.5)	ND
Sea robin (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	October 3, 2017	ND(3.8)	ND(3.8)	ND
Stingray (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(4.2)	3.7	3.7
Blue crab (whole)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(3.5)	ND(3.8)	ND
Japanese angel shark (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(3.8)	20	20
Common skete (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(3.8)	5.5	5.5
Flatfish ① (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(3.3)	ND(3.9)	ND
Flatfish ② (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(3.8)	ND(3.4)	ND
Sea robin (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(3.2)	ND(3.7)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of 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)
Marbled sole (muscle)	Around 4km Offshore of Kumagawa (T-S8)	October 12, 2017	ND(4.1)	ND(4.0)	ND
Stone flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.2)	ND(4.0)	ND
Redwing searobin (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.9)	ND(3.8)	ND
Common skete (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.1)	ND(3.5)	ND
Crimson sea bream (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(4.1)	ND(4.0)	ND
Flatfish ① (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.0)	ND(3.8)	ND
Flatfish ② (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.4)	ND(3.5)	ND
Pitted stingray (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.2)	ND(3.6)	ND
Species of hound shark (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.9)	ND(3.9)	ND
Brown sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(4.4)	ND(3.4)	ND

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Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of 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)
Marbled sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(3.9)	ND(3.9)	ND
John Dory (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(4.0)	ND(3.6)	ND
Roundnose flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(4.0)	ND(4.0)	ND
Frog flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	October 27, 2017	ND(4.1)	ND(3.9)	ND
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.4)	ND(3.2)	ND
Common skate (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(4.0)	ND(3.7)	ND
Flatfish ① (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.7)	ND(3.5)	ND
Flatfish ② (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.2)	ND(3.5)	ND
Sea robin (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.3)	ND(3.0)	ND
Species of hound shark (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.8)	ND(3.7)	ND

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**Nuclide Analysis Results of Fish and Shellfish**  
**(Ocean Area Within 20km Radius of 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)
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.9)	ND(4.0)	ND
John Dory (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	October 10, 2017	ND(3.0)	ND(3.2)	ND
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.7)	ND(4.4)	ND
Japanese angel shark (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.5)	7.4	7.4
Common skate (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.3)	3.9	3.9
Flatfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(4.0)	ND(3.2)	ND
Sea robin (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.5)	ND(3.8)	ND
Species of hound shark (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.7)	ND(4.0)	ND
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.5)	ND(3.7)	ND
John Dory (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	October 10, 2017	ND(3.2)	ND(3.9)	ND

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