

**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)
Blue crab (whole)	Around 1km Offshore of Ota River (T-S1)	September 6, 2019	ND(3.0)	ND(2.5)	ND
Common skete (muscle)	Around 1km Offshore of Ota River (T-S1)	September 6, 2019	ND(3.6)	ND(3.9)	ND
Drumfish (muscle)	Around 1km Offshore of Ota River (T-S1)	September 6, 2019	ND(4.2)	ND(4.1)	ND
Searobin (muscle)	Around 1km Offshore of Ota River (T-S1)	September 6, 2019	ND(4.0)	ND(3.6)	ND
Blue crab (whole)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(3.7)	ND(3.0)	ND
Japanese angel shark (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(3.7)	ND(4.1)	ND
Common skete (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(3.2)	ND(3.9)	ND
Drumfish (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(3.6)	ND(3.4)	ND
Flatfish (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(3.5)	ND(3.5)	ND
Searobin (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(4.2)	ND(3.7)	ND

\*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)
Carcharhinus (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	September 6, 2019	ND(3.2)	ND(4.0)	ND
Stingray (muscle)	Around 3km Offshore of Ukedo River (T-S3)	September 13, 2019	ND(3.4)	5.1	5.1
Blue crab (whole)	Around 3km Offshore of Ukedo River (T-S3)	September 13, 2019	ND(3.7)	ND(3.5)	ND
Japanese angel shark (muscle)	Around 3km Offshore of Ukedo River (T-S3)	September 13, 2019	ND(4.3)	4.4	4.4
Common skate (muscle)	Around 3km Offshore of Ukedo River (T-S3)	September 13, 2019	ND(3.3)	ND(3.7)	ND
Searobin (muscle)	Around 3km Offshore of Ukedo River (T-S3)	September 13, 2019	ND(3.7)	ND(3.4)	ND
John dory (muscle)	Around 3km Offshore of Ukedo River (T-S3)	September 13, 2019	ND(3.6)	ND(3.3)	ND
Blue crab (whole)	Around 3km Offshore of Fukushima Daiichi (T-S4)	September 13, 2019	ND(3.5)	ND(3.8)	ND
Flatfish (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	September 13, 2019	ND(2.9)	ND(3.6)	ND
Searobin (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	September 13, 2019	ND(3.5)	ND(4.1)	ND

\*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)
John dory (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	September 13, 2019	ND(3.8)	ND(3.3)	ND
Common skete (muscle)	Around 2km Offshore of Kido River (T-S5)	September 3, 2019	ND(3.8)	ND(3.1)	ND
Japanese eagle ray (muscle)	Around 2km Offshore of Kido River (T-S5)	September 3, 2019	ND(3.8)	ND(3.6)	ND
Drumfish (muscle)	Around 2km Offshore of Kido River (T-S5)	September 3, 2019	ND(3.0)	ND(3.0)	ND
Flatfish (muscle)	Around 2km Offshore of Kido River (T-S5)	September 3, 2019	ND(4.0)	ND(3.7)	ND
Searobin (muscle)	Around 2km Offshore of Kido River (T-S5)	September 3, 2019	ND(3.2)	ND(3.5)	ND
Japanese angel shark (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	September 3, 2019	ND(3.8)	ND(3.5)	ND
Black rockfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	September 3, 2019	ND(3.6)	ND(3.7)	ND
Common skete (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	September 3, 2019	ND(4.1)	4.1	4.1
Flatfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	September 3, 2019	ND(3.0)	3.9	3.9

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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) <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)
Carcharhinus (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	September 3, 2019	ND(3.1)	ND(3.4)	ND
Blue crab (whole)	Around 4km Offshore of Kumagawa (T-S8)	September 19, 2019	ND(3.4)	ND(4.2)	ND
Japanese angel shark (muscle)	Around 4km Offshore of Kumagawa (T-S8)	September 19, 2019	ND(3.9)	4.7	4.7
Common skate (muscle)	Around 4km Offshore of Kumagawa (T-S8)	September 19, 2019	ND(4.2)	4.5	4.5
Flatfish ① (muscle)	Around 4km Offshore of Kumagawa (T-S8)	September 19, 2019	ND(3.4)	ND(4.1)	ND
Flatfish ② (muscle)	Around 4km Offshore of Kumagawa (T-S8)	September 19, 2019	ND(3.0)	ND(3.3)	ND
Searobin (muscle)	Around 4km Offshore of Kumagawa (T-S8)	September 19, 2019	ND(3.5)	ND(4.1)	ND
Lepidotrigla microptena (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	September 10, 2019	ND(3.0)	ND(3.7)	ND
Globefish (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	September 10, 2019	ND(3.6)	ND(3.2)	ND
Crimson sea bream (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	September 10, 2019	ND(4.0)	ND(4.0)	ND

\*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) <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 15km Offshore of Odaka Ward (T-B1)	September 10, 2019	ND(3.3)	ND(4.2)	ND
Red sea bream (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	September 10, 2019	ND(4.1)	ND(3.1)	ND
John dory (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	September 10, 2019	ND(4.3)	ND(3.4)	ND
Lepidotrigla microptena (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.4)	ND(3.5)	ND
Common skete (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.1)	ND(3.8)	ND
Crimson sea bream (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.5)	ND(3.8)	ND
Smooth dogfish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.7)	ND(4.2)	ND
Marbled sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(2.7)	ND(3.8)	ND
John dory (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.8)	ND(4.2)	ND
Roundnose flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.1)	ND(3.4)	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)
Ridged-eye flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	September 10, 2019	ND(3.7)	ND(4.0)	ND
Lepidotrigla microptena (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	September 3, 2019	ND(3.8)	ND(3.8)	ND
Common skete (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	September 3, 2019	ND(3.7)	ND(3.8)	ND
Globefish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	September 3, 2019	ND(3.7)	ND(3.4)	ND
Searobin (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	September 3, 2019	ND(3.6)	ND(3.8)	ND
John dory (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	September 3, 2019	ND(4.1)	ND(3.9)	ND
Lepidotrigla microptena (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(3.0)	ND(4.2)	ND
Globefish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(3.4)	ND(3.6)	ND
Searobin (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(4.1)	ND(4.2)	ND
Smooth dogfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(4.3)	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) <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 Daini (T-B4)	September 3, 2019	ND(3.5)	ND(3.5)	ND
Red sea bream (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(4.1)	ND(3.5)	ND
John dory (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(3.2)	ND(3.2)	ND
Ridged-eye flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	September 3, 2019	ND(4.5)	ND(3.4)	ND

\*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.