

**Nuclide Analysis Results of Fish and Shellfish**  
**(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <1/11>**  
**(excluding the port)**

(Data summarized on August 17)

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)
Spiny dogfish (muscle)	Around 1km Offshore of Ota River (T-S1)	July 6, 2017	ND(3.5)	ND(3.6)	ND
Blue crab (whole)	Around 1km Offshore of Ota River (T-S1)	July 6, 2017	ND(3.0)	ND(4.1)	ND
Banded houndshark (muscle)	Around 1km Offshore of Ota River (T-S1)	July 6, 2017	ND(3.8)	13	13
Flatfish (muscle)	Around 1km Offshore of Ota River (T-S1)	July 6, 2017	ND(3.8)	ND(3.4)	ND
Sea robin (muscle)	Around 1km Offshore of Ota River (T-S1)	July 6, 2017	ND(3.6)	ND(4.4)	ND
Red sea bream (muscle)	Around 1km Offshore of Ota River (T-S1)	July 6, 2017	ND(3.8)	ND(3.9)	ND
Blue crab (whole)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.8)	ND(3.2)	ND
Common skete (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.2)	5.0	5.0
Ovalipes punctatus (whole)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.6)	ND(4.1)	ND
Flatfish ①(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(4.2)	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) <2/11>  
(excluding the port)

(Data summarized on August 17)

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)
Flatfish ②(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.9)	ND(3.4)	ND
Sea robin (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.6)	ND(3.1)	ND
Marbled sole (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.7)	5.5	5.5
Roundnose flounder (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	July 6, 2017	ND(3.5)	ND(3.7)	ND
Spiny dogfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 13, 2017	ND(4.1)	ND(4.0)	ND
Blue crab (whole)	Around 3km Offshore of Ukedo River (T-S3)	July 13, 2017	ND(3.2)	4.6	4.6
Yellow goosfish (whole)	Around 3km Offshore of Ukedo River (T-S3)	July 13, 2017	ND(3.9)	ND(3.9)	ND
Common skete (muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 13, 2017	ND(3.6)	ND(3.4)	ND
Ovalipes punctaus (whole)	Around 3km Offshore of Ukedo River (T-S3)	July 13, 2017	ND(3.9)	ND(3.9)	ND
Flatfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	July 13, 2017	ND(3.7)	4.0	4.0

\*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) <3/11>**  
**(excluding the port)**

(Data summarized on August 17)

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 Ukedo River (T-S3)	July 13, 2017	ND(4.6)	ND(3.6)	ND
Spiny dogfish (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(3.7)	ND(3.8)	ND
Common skate (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(3.4)	4.5	4.5
Microstomus achne (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(4.0)	14	14
Flatfish ①(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(4.1)	ND(3.5)	ND
Flatfish ②(muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(4.0)	ND(3.4)	ND
Sea robin (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(4.1)	ND(3.6)	ND
Roundnose flounder (muscle)	Around 3km Offshore of Fukushima Daiichi (T-S4)	July 13, 2017	ND(3.1)	ND(3.2)	ND
Greenling (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(4.0)	ND(4.0)	ND
Spiny dogfish (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(4.3)	ND(3.9)	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) <4/11>  
(excluding the port)

(Data summarized on August 17)

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 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(3.8)	3.5	3.5
Common skete (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(3.7)	3.9	3.9
Microstomus achne (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(4.2)	7.7	7.7
Flatfish ①(muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(4.1)	ND(3.6)	ND
Flatfish ②(muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(4.1)	ND(3.8)	ND
Sea robin (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(3.6)	ND(3.1)	ND
Marbled sole (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(3.6)	6.9	6.9
Roundnose flounder (muscle)	Around 2km Offshore of Kido River (T-S5)	July 4, 2017	ND(3.8)	ND(3.8)	ND
Stingray (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(2.6)	7.7	7.7
Spiny dogfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.6)	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) <5/11>**  
**(excluding the port)**

(Data summarized on August 17)

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 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	5.8	45	50.8
Common skete (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.1)	6.1	6.1
Banded houndshark (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(2.8)	ND(3.6)	ND
Microstomus achne (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.7)	8.6	8.6
Flatfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.9)	ND(3.6)	ND
Sea robin (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.8)	ND(4.6)	ND
Smooth dogfish (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(2.9)	3.3	3.3
John Dory (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.7)	ND(4.0)	ND
Roundnose flounder (muscle)	Around 2km Offshore of Fukushima Daini (T-S7)	July 4, 2017	ND(3.7)	4.7	4.7
Spiny dogfish (muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 21, 2017	ND(2.9)	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) <6/11>  
(excluding the port)

(Data summarized on August 17)

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 4km Offshore of Kumagawa (T-S8)	July 21, 2017	ND(4.0)	ND(4.0)	ND
Common skete (muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 21, 2017	ND(3.5)	5.7	5.7
Ovalipes punctatus (whole)	Around 4km Offshore of Kumagawa (T-S8)	July 21, 2017	ND(3.3)	ND(4.0)	ND
Flatfish (muscle)	Around 4km Offshore of Kumagawa (T-S8)	July 21, 2017	ND(3.9)	5.9	5.9
Greenling (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(4.2)	ND(3.6)	ND
Stone flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.7)	ND(3.5)	ND
Lepidotrigla microptera (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.1)	ND(3.4)	ND
Common skete (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.1)	ND(3.1)	ND
Microstomus achne (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(4.0)	ND(3.4)	ND
Flatfish ①(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.4)	ND(4.2)	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.

\*Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <7/11>  
(excluding the port)

(Data summarized on August 17)

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)
Flatfish ②(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.9)	ND(4.3)	ND
Common Japanese conger (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.7)	ND(4.0)	ND
Littlemouth flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.5)	ND(4.3)	ND
Marbled sole (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.6)	ND(3.2)	ND
John Dory (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.4)	ND(4.0)	ND
Roundnose flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	July 7, 2017	ND(3.5)	ND(3.8)	ND
Greenling (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(4.0)	ND(3.2)	ND
Striped jewfish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(2.8)	ND(3.7)	ND
Lepidotrigla microptera (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(4.3)	ND(3.9)	ND
Yellow goosfish (whole)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.3)	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) <8/11>  
(excluding the port)

(Data summarized on August 17)

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 skate (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.8)	ND(3.7)	ND
Crimson sea bream (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.9)	ND(3.5)	ND
Microstomus achne (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.2)	ND(3.6)	ND
Flatfish ①(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.9)	ND(4.1)	ND
Flatfish ②(muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.8)	ND(3.7)	ND
Smooth dogfish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.6)	7.5	7.5
Common Japanese conger (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.9)	ND(3.8)	ND
Littlemouth flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(4.1)	ND(3.7)	ND
Marbled sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.7)	ND(4.1)	ND
Roundnose flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(4.2)	ND(2.9)	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) <9/11>**  
**(excluding the port)**

(Data summarized on August 17)

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)
Willow flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	July 7, 2017	ND(3.9)	ND(3.4)	ND
Spiny dogfish (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.9)	ND(3.7)	ND
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.8)	11	11
Lepidotrigla microptera (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.2)	ND(3.4)	ND
Yellow goosfish (whole)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(4.0)	ND(4.0)	ND
Common skete (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.7)	ND(4.0)	ND
Flatfish ①(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(4.4)	ND(4.1)	ND
Flatfish ②(muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.8)	ND(3.5)	ND
Littlemouth flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(4.1)	ND(4.1)	ND
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(4.0)	ND(3.6)	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) <10/11>**  
**(excluding the port)**

(Data summarized on August 17)

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 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.8)	ND(4.1)	ND
Roundnose flounder (muscle)	Around 10km Offshore of Fukushima Daiichi (T-B3)	July 11, 2017	ND(3.4)	ND(3.4)	ND
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.3)	ND(4.3)	ND
Lepidotrigla microptera (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.1)	ND(3.3)	ND
Yellow goosfish (whole)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.9)	ND(3.6)	ND
Common skate (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(2.8)	5.6	5.6
Microstomus achne (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(4.1)	ND(3.4)	ND
Flatfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(4.3)	ND(3.7)	ND
Smooth dogfish (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.3)	ND(3.8)	ND
Littlemouth flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.4)	ND(3.4)	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) <11/11>  
(excluding the port)

(Data summarized on August 17)

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)	July 11, 2017	ND(3.7)	ND(3.3)	ND
John Dory (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.3)	ND(3.8)	ND
Roundnose flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.5)	ND(3.4)	ND
Ridged-eye flounder (muscle)	Around 10km Offshore of Fukushima Daini (T-B4)	July 11, 2017	ND(3.3)	ND(3.7)	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.