

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <1/9>
(Excluding the Port Area)

(Data summarized on December 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 1km offshore of Ota River (T-S1)	Nov 20, 2015	ND(3.3)	ND(3.8)	ND
Angel shark(muscle)	Around 1km offshore of Ota River (T-S1)	Nov 20, 2015	7.2	28	35.2
Sea raven(muscle)	Around 1km offshore of Ota River (T-S1)	Nov 20, 2015	ND(4.4)	ND(3.8)	ND
Flatfish(muscle)	Around 1km offshore of Ota River (T-S1)	Nov 20, 2015	ND(3.8)	ND(4.3)	ND
Blue crab (whole)	Around 3km offshore of Odaka Ward (T-S2)	Nov 20, 2015	ND(3.5)	ND(4.0)	ND
Sea raven(muscle)	Around 3km offshore of Odaka Ward (T-S2)	Nov 20, 2015	ND(3.0)	ND(4.0)	ND
Common skete(muscle)	Around 3km offshore of Odaka Ward (T-S2)	Nov 20, 2015	ND(3.6)	11	11
Sea bass(muscle)	Around 3km offshore of Odaka Ward (T-S2)	Nov 20, 2015	ND(4.0)	11	11
Ovalipes punctatus (whole)	Around 3km offshore of Odaka Ward (T-S2)	Nov 20, 2015	ND(3.6)	ND(4.0)	ND
Flatfish(muscle)	Around 3km offshore of Odaka Ward (T-S2)	Nov 20, 2015	ND(3.2)	3.6	3.6

* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND."

A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

* The samples are analyzed by Tokyo Power Technology, Ltd.

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <2/9>
(Excluding the Port Area)

(Data summarized on December 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 3km offshore of Ukedo River (T-S3)	Nov 18, 2015	ND(3.6)	ND(3.6)	ND
Angel shark(muscle)	Around 3km offshore of Ukedo River (T-S3)	Nov 18, 2015	14	69	83
Sea raven(muscle)	Around 3km offshore of Ukedo River (T-S3)	Nov 18, 2015	ND(3.3)	4.5	4.5
Common skete(muscle)	Around 3km offshore of Ukedo River (T-S3)	Nov 18, 2015	ND(3.6)	12	12
Ovalipes punctatus (whole)	Around 3km offshore of Ukedo River (T-S3)	Nov 18, 2015	ND(3.3)	4.3	4.3
Flatfish(muscle)	Around 3km offshore of Ukedo River (T-S3)	Nov 18, 2015	ND(4.1)	3.8	3.8
Stingray(muscle)	Around 3km offshore of Fukushima Daiichi NPS (T-S4)	Nov 18, 2015	ND(4.2)	4.5	4.5
Blue crab (whole)	Around 3km offshore of Fukushima Daiichi NPS (T-S4)	Nov 18, 2015	ND(3.8)	ND(3.6)	ND
Schlegel's black rockfish(muscle)	Around 3km offshore of Fukushima Daiichi NPS (T-S4)	Nov 18, 2015	ND(3.1)	ND(3.7)	ND
Sea raven(muscle)	Around 3km offshore of Fukushima Daiichi NPS (T-S4)	Nov 18, 2015	ND(4.0)	4.5	4.5

* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND."

A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

* The samples are analyzed by Tokyo Power Technology, Ltd.

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <3/9>
(Excluding the Port Area)

(Data summarized on December 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 skete(muscle)	Around 3km offshore of Fukushima Daiichi NPS (T-S4)	Nov 18, 2015	ND(4.8)	24	24
Greenling(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	ND(4.6)	4.7	4.7
Acanthopagrus schlegeli(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	ND(3.3)	ND(3.3)	ND
Sea raven(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	ND(3.8)	ND(3.7)	ND
Common skete(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	6.8	28	34.8
Banded dogfish(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	ND(3.9)	19	19
Microstomus achne(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	5.6	18	23.6
Flatfish(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	ND(4.3)	ND(4.5)	ND
Sea robin(muscle)	Around 2km offshore of Kido River (T-S5)	Nov 5, 2015	ND(4.0)	5.5	5.5
Greenling(muscle)	Around 2km offshore of Fukushima Daini NPS (T-S7)	Nov 5, 2015	ND(3.6)	6.1	6.1

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A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

* The samples are analyzed by Tokyo Power Technology, Ltd.

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <4/9>
(Excluding the Port Area)

(Data summarized on December 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 skete(muscle)	Around 2km offshore of Fukushima Daini NPS (T-S7)	Nov 5, 2015	ND(3.9)	5.6	5.6
Banded dogfish(muscle)	Around 2km offshore of Fukushima Daini NPS (T-S7)	Nov 5, 2015	ND(4.3)	10	10
Microstomus achne(muscle)	Around 2km offshore of Fukushima Daini NPS (T-S7)	Nov 5, 2015	3.8	14	17.8
Flatfish(muscle)	Around 2km offshore of Fukushima Daini NPS (T-S7)	Nov 5, 2015	ND(4.4)	7.3	7.3
Common skete(muscle)	Around 4km offshore of Kumagawa (T-S8)	Nov 30, 2015	4.4	24	28.4
Microstomus achne(muscle)	Around 4km offshore of Kumagawa (T-S8)	Nov 30, 2015	ND(4.1)	21	21
Stone flounder(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.5)	4.4	4.4
Lepidotrigla microptera(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(4.1)	4.4	4.4
Common skete(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.6)	11	11
Sea bass(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.8)	ND(4.1)	ND

* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND."

A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

* The samples are analyzed by Tokyo Power Technology, Ltd.

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <5/9>
(Excluding the Port Area)

(Data summarized on December 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)
Crimson sea bream(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.9)	ND(3.6)	ND
Flatfish(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.9)	ND(3.8)	ND
Smooth dogfish(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.3)	ND(3.7)	ND
Littlemouth flounder(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.9)	ND(4.4)	ND
Marbled sole(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(4.0)	7.7	7.7
Pagrus major(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(4.4)	ND(3.9)	ND
Dory(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(4.3)	ND(4.3)	ND
Roundnose flounder(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.1)	ND(3.3)	ND
Ridged-eye flounder(muscle)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.1)	ND(3.9)	ND
Loligo bleekeri (whole)	Around 15km offshore of Odaka Ward (T-B1)	Nov 11, 2015	ND(3.9)	ND(4.3)	ND

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A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

* The samples are analyzed by Tokyo Power Technology, Ltd.

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <6/9>
(Excluding the Port Area)

(Data summarized on December 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)
Greenling(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(4.0)	4.3	4.3
Lepidotrigla microptera(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(4.1)	ND(3.2)	ND
Lophius litilon (whole)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.8)	ND(3.6)	ND
Common skete(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(4.4)	11	11
Crimson sea bream(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.6)	ND(4.0)	ND
Flatfish(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.5)	ND(3.0)	ND
Smooth dogfish(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(4.4)	3.2	3.2
Common Japanese conger(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.0)	3.5	3.5
Littlemouth flounder(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.8)	ND(3.5)	ND
Marbled sole(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.5)	8.2	8.2

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A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

* The samples are analyzed by Tokyo Power Technology, Ltd.

Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <7/9>
(Excluding the Port Area)

(Data summarized on December 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)
Dory(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(4.4)	ND(3.8)	ND
Roundnose flounder(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.4)	ND(3.4)	ND
Ridged-eye flounder(muscle)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.6)	ND(3.3)	ND
Loligo bleekeri(whole)	Around 18km offshore of Ukedo River (T-B2)	Nov 11, 2015	ND(3.7)	ND(3.1)	ND
Stone flounder(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(3.5)	ND(4.0)	ND
Angel shark(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(4.5)	ND(3.7)	ND
Lepidotrigla microptera(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(3.5)	ND(3.5)	ND
Common skate(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	4.8	17	21.8
Takifugu snyderi(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(3.3)	ND(3.1)	ND
Sea bass(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(3.4)	9.2	9.2

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Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <8/9>
(Excluding the Port Area)

(Data summarized on December 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(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(3.8)	7.7	7.7
Sea robin(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(3.9)	ND(3.5)	ND
Smooth dogfish(muscle)	Around 10km offshore of Fukushima Daiichi NPS (T-B3)	Nov 10, 2015	ND(4.3)	ND(4.0)	ND
Stone flounder(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.3)	ND(3.7)	ND
Lepidotrigla microptera(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.2)	ND(4.0)	ND
Common skete(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.5)	8.4	8.4
Sea bass(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.7)	4.8	4.8
Crimson sea bream(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(4.5)	ND(4.0)	ND
Sea robin(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.7)	4.6	4.6
Smooth dogfish(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(4.6)	11	11

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Nuclide Analysis Results of Fish and Shellfish (Ocean Area within 20km Radius of Fukushima Daiichi NPS) <9/9>
(Excluding the Port Area)

(Data summarized on December 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)
Littlemouth flounder(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(4.2)	4.6	4.6
Marbled sole(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.4)	ND(3.3)	ND
Pagrus major(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(4.5)	ND(3.7)	ND
Roundnose flounder(muscle)	Around 10km offshore of Fukushima Daini NPS (T-B4)	Nov 10, 2015	ND(3.8)	ND(3.5)	ND

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A detection limit of individual nuclide is provided in parenthesis.

* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

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