

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<1/9> (Excl. Inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Greenling(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	ND(4.3)	5.7	5.7
Stingray(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	4.2	12	16.2
Blue crab(Whole)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	4.0	12	16
Angel shark(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	4.2	14	18.2
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	12	35	47
Drumfish(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	ND(4.1)	ND(4.0)	ND
Flatfish(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	ND(4.1)	ND(4.4)	ND
Common horse mackerel(muscle)	Around 1km Offshore of Ota River (T-S1)	August 22, 2014	ND(3.2)	ND(3.8)	ND
Greenling(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	ND(4.2)	5.4	5.4
Stingray(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	ND(4.4)	7.4	7.4

\* "ND" indicates that the measurement result is below the detection limit, which is shown parenthesis.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analysis was conducted by Tokyo Power Technology Ltd.

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<2/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Blue crab(Whole)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	ND(3.7)	ND(3.7)	ND
Common skate(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	12	31	43
Microstomus achne(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	ND(3.2)	7.6	7.6
Flatfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	3.4	10	13.4
Marbled sole(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	ND(3.5)	ND(3.0)	ND
Carcharhinus(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	August 22, 2014	ND(4.0)	7.7	7.7
Greenling(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	5.2	19	24.2
Blue crab(Whole)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	ND(3.5)	ND(3.8)	ND
Schlegel's black rockfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	ND(2.9)	7.0	7.0
Common skate(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	4.4	18	22.4

\* "ND" indicates that the measurement result is below the detection limit, which is shown parenthesis.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analysis was conducted by Tokyo Power Technology Ltd.

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)  
<3/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Sea bass(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	ND(3.5)	4.2	4.2
Microstomus achne(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	6.8	21	27.8
Ovalipes punctatus(Whole)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	ND(3.2)	ND(3.9)	ND
Flatfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	4.9	11	15.9
Marbled sole(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	ND(3.8)	11	11
Pagrus major(muscle)	Around 3km Offshore of Ukedo River (T-S3)	August 08, 2014	ND(3.2)	ND(4.1)	ND
Stone flounder(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	August 08, 2014	23	73	96
Blue crab(Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	August 08, 2014	ND(3.8)	3.5	3.5
Common skete(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	August 08, 2014	23	75	98
Ovalipes punctatus(Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	August 08, 2014	ND(3.5)	ND(3.3)	ND

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**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<4/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Flatfish(muscle)	und 3km Offshore of Fukushima Daiichi NPS (T-	August 08, 2014	ND(3.6)	4.1	4.1
Sea robin(muscle)	und 3km Offshore of Fukushima Daiichi NPS (T-	August 08, 2014	ND(3.3)	7.3	7.3
Common skete(muscle)	Around 2km Offshore of Kido River (T-S5)	August 04, 2014	5.5	19	24.5
Pennahia argentata(muscle)	Around 2km Offshore of Kido River (T-S5)	August 04, 2014	ND(3.7)	ND(3.5)	ND
Drumfish(muscle)	Around 2km Offshore of Kido River (T-S5)	August 04, 2014	ND(3.2)	6.7	6.7
Microstomus achne(muscle)	Around 2km Offshore of Kido River (T-S5)	August 04, 2014	15	45	60
Flatfish(muscle)	Around 2km Offshore of Kido River (T-S5)	August 04, 2014	5.4	18	23.4
Smooth dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	August 04, 2014	ND(2.7)	ND(3.7)	ND
Common skete(muscle)	2F Offshore2km vicinity(T-S7)	August 04, 2014	11	37	48
Pennahia argentata(muscle)	2F Offshore2km vicinity(T-S7)	August 04, 2014	ND(3.2)	3.6	3.6

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\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

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**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<5/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Microstomus achne(muscle)	2F Offshore2km vicinity (T-S7)	August 04, 2014	22	58	80
Flatfish(muscle)	2F Offshore2km vicinity (T-S7)	August 04, 2014	ND(3.3)	4.4	4.4
Blue crab(Whole)	Around 4km Offshore of Kumagawa (T-S8)	August 24, 2014	ND(3.6)	ND(4.6)	ND
Common skete(muscle)	Around 4km Offshore of Kumagawa (T-S8)	August 24, 2014	7.4	31	38.4
Ovalipes punctatus(Whole)	Around 4km Offshore of Kumagawa (T-S8)	August 24, 2014	ND(4.2)	ND(4.0)	ND
Flatfish(muscle)	Around 4km Offshore of Kumagawa (T-S8)	August 24, 2014	ND(3.8)	ND(3.3)	ND
Sea robin(muscle)	Around 4km Offshore of Kumagawa (T-S8)	August 24, 2014	ND(3.4)	ND(3.5)	ND
Flathead (Platycephalus sp.) (muscle)	Around 4km Offshore of Kumagawa (T-S8)	August 24, 2014	14	44	58
Stone flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	ND(3.3)	4.5	4.5
Lepidotrigla microptera(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	ND(3.2)	ND(4.1)	ND

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\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analysis was conducted by Tokyo Power Technology Ltd.

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<6/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Common skate(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	6.1	14	20.1
Flatfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	6.0	15	21
Littlemouth flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	ND(3.8)	ND(3.8)	ND
Marbled sole(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	ND(3.8)	ND(4.1)	ND
Dory(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	ND(4.2)	ND(3.7)	ND
Roundnose flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	August 20, 2014	ND(3.6)	ND(3.8)	ND
Lophiomus setigerus(Whole)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.7)	ND(3.8)	ND
Stone flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.6)	8.3	8.3
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.6)	ND(4.3)	ND
Lophius litilon(Whole)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.4)	ND(3.4)	ND

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\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analysis was conducted by Tokyo Power Technology Ltd.

**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<7/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Common skate(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	5.0	10	15
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.1)	ND(4.3)	ND
Microstomus achne(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.4)	ND(3.6)	ND
Flatfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.3)	ND(3.3)	ND
Smooth dogfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.3)	4.9	4.9
Littlemouth flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.5)	4.0	4.0
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(3.7)	ND(3.2)	ND
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(4.2)	ND(4.0)	ND
Roundnose flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	August 20, 2014	ND(4.0)	ND(4.0)	ND
Stone flounder(muscle)	Around 10km Offshore of 1F (T-B3)	August 29, 2014	ND(4.1)	ND(3.5)	ND

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**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<8/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Common skete(muscle)	Around 10km Offshore of 1F (T-B3)	August 29, 2014	20	48	68
Crimson sea bream(muscle)	Around 10km Offshore of 1F (T-B3)	August 29, 2014	ND(4.2)	5.9	5.9
Sea robin(muscle)	Around 10km Offshore of 1F (T-B3)	August 29, 2014	ND(3.7)	ND(3.2)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 1F (T-B3)	August 29, 2014	3.7	7.1	10.8
Marbled sole(muscle)	Around 10km Offshore of 1F (T-B3)	August 29, 2014	3.7	13	16.7
Greenling(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(3.4)	ND(3.9)	ND
Stone flounder(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(3.1)	ND(4.0)	ND
Lepidotrigla microptera(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(4.0)	ND(3.8)	ND
Common skete(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	8.8	38	46.8
Flatfish(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(3.8)	ND(3.4)	ND

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**Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)**  
**<9/9> (Excl. inner port area)**

(Data summarized on September 18)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Density[Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Cs (Total)
Smooth dogfish(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(3.8)	5.0	5.0
Littlemouth flounder(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(3.9)	ND(4.1)	ND
Marbled sole(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	4.2	12	16.2
Roundnose flounder(muscle)	Around 10km Offshore of 2F (T-B4)	August 29, 2014	ND(4.2)	5.3	5.3

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