

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)< 1/11 >
(excluding inside the port)

(Data summarized on November 20)

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 (Sum)
Blue crab(whole)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	ND(3.7)	ND(4.2)	ND
Angel shark(muscle)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	ND(4.4)	19	19
Sea raven(muscle)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	ND(3.6)	7.3	7.3
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	ND(5.5)	5.7	5.7
Chum salmon(Muscle)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	ND(2.7)	ND(3.8)	ND
Ovalipes punctatus(whole)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	ND(3.5)	ND(4.4)	ND
Flatfish(muscle)	Around 1km Offshore of Ota River (T-S1)	25-Oct-14	8.2	27	35.2
Stone flounder(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	25-Oct-14	ND(3.1)	8.7	8.7
Blue crab(whole)	Around 3km Offshore of Odaka Ward (T-S2)	25-Oct-14	ND(3.4)	ND(3.6)	ND
Sea raven(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	25-Oct-14	ND(4.1)	ND(3.7)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<2/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Common skete(muscle)	Around 3km Offshore of Odaka Ward	25-Oct-14	ND(6.2)	13	13
Ovalipes punctatus(whole)	Around 3km Offshore of Odaka Ward (T-S2)	25-Oct-14	ND(4.4)	ND(3.6)	ND
Flatfish(muscle)	Around 3km Offshore of Odaka Ward	25-Oct-14	ND(3.5)	4.7	4.7
Marbled sole(muscle)	Around 3km Offshore of Odaka Ward	25-Oct-14	6.2	28	34.2
Pagrus major(muscle)	Around 3km Offshore of Odaka Ward	25-Oct-14	ND(3.4)	3.7	3.7
Stone flounder(muscle)	Around 3km Offshore of Ukedo River	10-Oct-14	11	36	47
Blue crab(whole)	Around 3km Offshore of Ukedo River	10-Oct-14	4.7	14	18.7
Angel shark(muscle)	Around 3km Offshore of Ukedo River	10-Oct-14	4.2	17	21.2
Common skete(muscle)	Around 3km Offshore of Ukedo River	10-Oct-14	12	38	50
Ovalipes punctatus(whole)	Around 3km Offshore of Ukedo River	10-Oct-14	ND(4.2)	ND(4.5)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<3/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Flatfish(muscle)	Around 3km Offshore of Ukedo River	10-Oct-14	3.5	8.3	11.8
Pagrus major(muscle)	Around 3km Offshore of Ukedo River	10-Oct-14	ND(3.4)	ND(3.7)	ND
Dory(muscle)	Around 3km Offshore of Ukedo River	10-Oct-14	ND(3.7)	ND(3.7)	ND
Blue crab(whole)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	ND(2.6)	ND(3.2)	ND
Angel shark(muscle)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	ND(4.0)	5.2	5.2
Common skate(muscle)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	6.2	26	32.2
Crimson sea bream(muscle)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	ND(4.1)	ND(3.8)	ND
Ovalipes punctatus(whole)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	ND(3.7)	ND(3.7)	ND
Flatfish(muscle)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	ND(3.1)	ND(3.6)	ND
Sea robin(muscle)	Around 3km Offshore of Fukushima Daiichi NPS	10-Oct-14	ND(3.4)	ND(3.2)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<4/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Blue crab(whole)	Around 2km Offshore of Kido River (T-S5)	20-Oct-14	ND(4.1)	ND(4.8)	ND
Common skete(muscle)	Around 2km Offshore of Kido River (T-S5)	20-Oct-14	21	65	86
Chum salmon(Muscle)	Around 2km Offshore of Kido River (T-S5)	20-Oct-14	ND(3.6)	ND(4.1)	ND
Banded dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	20-Oct-14	ND(4.3)	7.4	7.4
Flatfish(muscle)	Around 2km Offshore of Kido River (T-S5)	20-Oct-14	ND(3.9)	10	10
Pagrus major(muscle)	Around 2km Offshore of Kido River (T-S5)	20-Oct-14	ND(3.5)	ND(3.0)	ND
Stingray(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	20-Oct-14	ND(4.0)	6.0	6.0
Blue crab(whole)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	20-Oct-14	ND(3.2)	ND(3.6)	ND
Common skete(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	20-Oct-14	23	65	88
Chum salmon(Muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS (T-S7)	20-Oct-14	ND(3.6)	ND(3.2)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<5/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Drumfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS	20-Oct-14	ND(3.6)	5.4	5.4
Flatfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS	20-Oct-14	ND(3.4)	6.9	6.9
Carcharhinus(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS	20-Oct-14	ND(3.6)	5.5	5.5
Stingray(muscle)	Around 4km Offshore of Kumagawa	20-Oct-14	ND(3.2)	ND(4.0)	ND
Blue crab(whole)	Around 4km Offshore of Kumagawa	20-Oct-14	ND(2.9)	ND(4.1)	ND
Common skate(muscle)	Around 4km Offshore of Kumagawa	20-Oct-14	9.0	26	35
Sea robin(muscle)	Around 4km Offshore of Kumagawa	20-Oct-14	ND(3.0)	9.6	9.6
Smooth dogfish(muscle)	Around 4km Offshore of Kumagawa	20-Oct-14	ND(3.6)	ND(3.8)	ND
Flathead (Platycephalus sp.) (muscle)	Around 4km Offshore of Kumagawa	20-Oct-14	5.0	18	23
Greenling(muscle)	Around 15km Offshore of Odaka Ward	29-Oct-14	ND(3.2)	3.8	3.8

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<6/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Stone flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	5.4	10	15.4
Lepidotrigla microptera(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.3)	ND(3.6)	ND
Common skete(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	6.3	29	35.3
Crimson sea bream(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.0)	ND(3.5)	ND
Flatfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.5)	6.6	6.6
Smooth dogfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.7)	3.7	3.7
Littlemouth flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.7)	ND(4.1)	ND
Marbled sole(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(4.0)	7.7	7.7
Pagrus major(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.8)	ND(3.6)	ND
Dory(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	29-Oct-14	ND(3.7)	ND(3.9)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

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

(Data summarized on November 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 (Sum)
Loligo bleekeri(whole)	Around 15km Offshore of Odaka Ward	29-Oct-14	ND(3.9)	ND(3.7)	ND
Greenling(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(4.4)	ND(4.2)	ND
Stingray(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(4.5)	ND(4.2)	ND
Zenopsis nebulosa(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(2.9)	ND(3.3)	ND
Blue crab(whole)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(3.4)	ND(4.7)	ND
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(3.7)	ND(4.4)	ND
Gnathophis nystromi nystromi(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(3.7)	ND(4.4)	ND
Common skete(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(5.4)	9.7	9.7
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(3.6)	ND(3.6)	ND
Flatfish(muscle)	Around 18km Offshore of Ukedo River	29-Oct-14	ND(3.4)	ND(3.7)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<8/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Yellowtail(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(4.0)	ND(3.7)	ND
Dasyatis matsubara(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.5)	ND(3.6)	ND
Smooth dogfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(4.2)	5.1	5.1
Common horse mackerel(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.3)	ND(3.8)	ND
Common Japanese conger(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.9)	ND(3.5)	ND
Littlemouth flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(4.6)	7.0	7.0
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	3.6	11	14.6
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.6)	3.9	3.9
Roundnose flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.6)	ND(3.6)	ND
Ridged-eye flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.3)	ND(3.7)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<9/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Loligo bleekeri(whole)	Around 18km Offshore of Ukedo River (T-B2)	29-Oct-14	ND(3.6)	ND(3.6)	ND
Stone flounder(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	6.3	20	26.3
Lepidotrigla microptera(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.3)	ND(3.6)	ND
Common skete(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	6.6	33	39.6
Crimson sea bream(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.0)	ND(4.0)	ND
Flatfish(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.0)	ND(3.3)	ND
Yellowtail(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.7)	ND(3.6)	ND
Sea robin(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.9)	ND(4.1)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.7)	9.9	9.9
Marbled sole(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.9)	5.5	5.5

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<10/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Pagrus major(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.7)	ND(4.5)	ND
Dory(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.3)	ND(3.7)	ND
Ridged-eye flounder(muscle)	Around 10km Offshore of 1F (T-B3)	27-Oct-14	ND(3.3)	ND(3.3)	ND
Stone flounder(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.4)	4.4	4.4
Angel shark(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.7)	8.2	8.2
Lepidotrigla microptera(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.3)	ND(3.7)	ND
Common skete(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	6.4	29	35.4
Takifugu snyderi(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.6)	ND(3.7)	ND
Crimson sea bream(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(4.0)	ND(3.7)	ND
Flatfish(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(4.5)	4.0	4.0

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS)<11/11>
(excluding inside the port)

(Data summarized on November 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 (Sum)
Sea robin(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.5)	ND(3.6)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	3.4	9.4	12.8
Marbled sole(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	3.3	13	16.3
Pagrus major(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(4.1)	ND(4.0)	ND
Dory(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.7)	ND(3.5)	ND
Roundnose flounder(muscle)	Around 10km Offshore of 2F (T-B4)	27-Oct-14	ND(3.2)	ND(3.9)	ND

* When analyzed result is less than a detection limit level of the radioactivity concentration, showed as "ND"; as of individual Nuclide, detection limit level is showed in parenthesis.

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

* Analyzed by: Tokyo Power Technology Ltd.