# Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity	Density[Bq/kg (Ra	w)] (Half-life)
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137(Approx. 30 years)	CS (Sum)
Greenling(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(4.1)	8.1	8.1
Blue crab(whole)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(4.1)	ND(4.5)	ND
Schlegel's black rockfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	13	50	63
Acanthopagrus schlegeli(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(3.2)	9.8	9.8
Common skete(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	3.8	12	15.8
Drumfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(3.5)	ND(4.2)	ND
Flatfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(3.5)	ND(3.7)	ND
Smooth dogfish(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(3.2)	5.3	5.3
Flathead (Platycephalus sp.) (muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(3.2)	7.6	7.6
Pagrus major(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	ND(3.1)	ND(3.1)	ND

/hen 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 parenthesi

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

# Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity Density[Bq/kg (Raw)] (Half-li		
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137(Approx. 30 years)	CS (Sum)
Carcharhinus(muscle)	Around 1km Offshore of Ota River (T-S1)	Sep 27, 2014	4.1	12	16.1
Blue crab(whole)	Around 3km Offshore of Odaka Ward (T-S2)	Sep 27, 2014	ND(4.6)	ND(3.8)	ND
Angel shark(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Sep 27, 2014	5.9	24	29.9
Common skete(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Sep 27, 2014	5.6	17	22.6
Flatfish(muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Sep 27, 2014	ND(3.5)	ND(3.7)	ND
Stone flounder(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(3.5)	7.9	7.9
Blue crab(whole)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(3.1)	ND(3.6)	ND
Angel shark(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	5.6	16	21.6
Common skete(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	16	53	69
Flatfish(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(3.5)	8.1	8.1

/hen 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 parenthesi

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

## Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 3/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity Density[Bq/kg (Raw)] (Half-life)Cs-134 (Approx. 2 years)Cs-137(Approx. 30 years)CS (Sum ND (3.0)ND(3.0)ND(4.3)NDND(3.0)ND(4.3)NDND(2.8)ND(3.4)NDND(3.4)ND(3.7)ND		
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)		CS (Sum)
Yellowtail(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(3.0)	ND(4.3)	ND
Common horse mackerel(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(2.8)	ND(3.4)	ND
Pagrus major(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(3.4)	ND(3.7)	ND
Dory(muscle)	Around 3km Offshore of Ukedo River (T-S3)	Sep 25, 2014	ND(3.5)	ND(3.4)	ND
Stingray(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	ND(3.7)	ND(4.9)	ND
Blue crab(whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	ND(4.0)	ND(3.9)	ND
Common skete(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	12	35	47
Flatfish(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	4.4	14	18.4
Sea robin(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	ND(3.5)	5.0	5.0
Dasyatis matsubarai(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	ND(3.8)	ND(4.2)	ND

/hen 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 parenthesi

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

# Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 4/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity	Density[Bq/kg (Ra	CS (Sum)   2 5.2   2 4.2   2 13.3   4.0) ND   1 6.1   5 8.5	
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)		CS (Sum)	
Smooth dogfish(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	ND(4.1)	5.2	5.2	
Dory(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	ND(3.4)	4.2	4.2	
Carcharhinus(muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Sep 25, 2014	3.3	10	13.3	
Blue crab(whole)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	ND(3.7)	ND(4.0)	ND	
Acanthopagrus schlegeli(muscle)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	ND(4.2)	6.1	6.1	
Common skete(muscle)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	20	56	76	
Sea bass(muscle)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	ND(2.9)	8.5	8.5	
Flatfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	3.7	13	16.7	
Smooth dogfish(muscle)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	ND(3.3)	ND(3.5)	ND	
Pagrus major(muscle)	Around 2km Offshore of Kido River (T-S5)	Sep 5, 2014	ND(2.7)	ND(3.9)	ND	

/hen 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

# Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 5/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity	Density[Bq/kg (Raw)] (Half-life)     Cs-137(Approx. 30 years)   CS (Sum)     ND(3.9)   ND     ND(4.5)   ND     21   28.4     25   37     46   61     ND(4.1)   ND     17   21.4     6.3   6.3	
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)		
Stingray(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	ND(3.9)	ND(3.9)	ND
Blue crab(whole)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	ND(3.3)	ND(4.5)	ND
Acanthopagrus schlegeli(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	7.4	21	28.4
Common skete(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	12	25	37
Banded dogfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	15	46	61
Japanese bullhead shark (muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	ND(3.9)	ND(4.1)	ND
Flatfish(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	4.4	17	21.4
Pagrus major(muscle)	Offshore 2km vicinity of Fukushima Daiichi NPS(T-S7)	Sep 5, 2014	ND(3.8)	6.3	6.3
Blue crab(whole)	Around 4km Offshore of Kumagawa (T-S8)	Sep 22, 2014	ND(3.5)	ND(4.2)	ND
Angel shark(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Sep 22, 2014	8.6	34	42.6

\* 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 paren

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

# Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 6/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity	years) 30 years) CS (Sum)   18 50 68   ID(4.0) 4.6 4.6   ID(4.1) ND(3.7) ND   ID(3.3) 3.0 3.0   6.3 23 29.3	
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)		CS (Sum)
Common skete(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Sep 22, 2014	18	50	68
Sea robin(muscle)	Around 4km Offshore of Kumagawa (T-S8)	Sep 22, 2014	ND(4.0)	4.6	4.6
Stone flounder(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	ND(4.1)	ND(3.7)	ND
Lepidotrigla microptera(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	ND(3.3)	3.0	3.0
Common skete(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	6.3	23	29.3
Crimson sea bream(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	ND(3.9)	ND(3.6)	ND
Flatfish(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	ND(3.4)	ND(4.0)	ND
Marbled sole(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	ND(4.1)	5.5	5.5
Dory(muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Sep 18, 2014	ND(3.6)	ND(3.6)	ND
Greenling(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.5)	4.9	4.9

\* 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 paren

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

# Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 7/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity	w)] (Half-life)	
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)		
Stone flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(3.1)	ND(3.5)	ND
Zenopsis nebulosa(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(3.1)	ND(3.2)	ND
Lepidotrigla microptera(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(3.7)	ND(3.8)	ND
Lophius litilon(whole)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.5)	ND(4.0)	ND
Common skete(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	5.8	16	21.8
Crimson sea bream(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.5)	ND(3.7)	ND
Cloudy catshark(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(3.5)	4.9	4.9
Flatfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.1)	ND(3.0)	ND
Smooth dogfish(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.3)	4.7	4.7
Common Japanese conger(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(5.0)	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 par

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

## Nuclide Analysis Results of Fish and Shellfish (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 8/9 > (excluding inside the port)

(Data summarized on October 17)

Name of Sample (Region)		Radioactivity Density[Bq/kg (Ra			w)] (Half-life)
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137(Approx. 30 years)	CS (Sum)
Littlemouth flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.1)	ND(3.9)	ND
Marbled sole(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.2)	4.8	4.8
Dory(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(3.6)	ND(3.1)	ND
Roundnose flounder(muscle)	Around 18km Offshore of Ukedo River (T-B2)	Sep 18, 2014	ND(4.3)	4.2	4.2
Stone flounder(muscle)	Around 10km Offshore of 1F (T-B3)	Sep 6, 2014	ND(3.6)	ND(3.6)	ND
Common skete(muscle)	Around 10km Offshore of 1F (T-B3)	Sep 6, 2014	5.8	18	23.8
Sea robin(muscle)	Around 10km Offshore of 1F (T-B3)	Sep 6, 2014	ND(4.2)	ND(3.5)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 1F (T-B3)	Sep 6, 2014	ND(3.4)	6.8	6.8
Marbled sole(muscle)	Around 10km Offshore of 1F (T-B3)	Sep 6, 2014	ND(3.6)	ND(4.1)	ND
Dory(muscle)	Around 10km Offshore of 1F (T-B3)	Sep 6, 2014	ND(3.6)	3.9	3.9

\* 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 particular to the table table to the table to the table to the tab

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

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

(Data summarized on October 17)

Name of Sample (Region)			Radioactivity	Density[Bq/kg (Ra	w)] (Half-life)
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137(Approx. 30 years)	CS (Sum)
Stone flounder(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(3.7)	5.5	5.5
Zenopsis nebulosa(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(3.6)	ND(3.6)	ND
Lepidotrigla microptera(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(3.4)	ND(3.5)	ND
Common skete(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	6.1	19	25.1
Flatfish(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(3.7)	ND(3.4)	ND
Sea robin(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(3.7)	ND(4.2)	ND
Smooth dogfish(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(4.1)	9.2	9.2
Marbled sole(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	3.1	12	15.1
Dory(muscle)	Around 10km Offshore of 2F (T-B4)	Sep 6, 2014	ND(3.6)	ND(3.1)	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 pare \* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg