

Analysis Results of Fish
<Sampled from the Port Area of the Fukushima Daiichi Nuclear Power Station>

(1/6)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item		
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))
Port area (Near southern seawall)	Greenling (muscle) No.1	2022/12/5	< 2.0E+00	1.2E+01	1.2E+01
Port area (Near southern seawall)	Snailfish (muscle) No.1	2022/12/21	< 2.6E+00	< 2.3E+00	ND
Port area (Near southern seawall)	Sea raven (muscle) No.1	2022/12/22	< 4.5E+00	5.5E+00	5.5E+00
Port area (Near southern seawall)	Gizzard shad (muscle) No.1	2022/12/5	< 2.9E+00	< 2.8E+00	ND
Port area (Near southern seawall)	Gizzard shad (muscle) No.2	2022/12/9	< 3.2E+00	< 3.3E+00	ND
Port area (Near southern seawall)	Gizzard shad (muscle) No.3	2022/12/16	< 3.2E+00	< 3.2E+00	ND
Port area (Near southern seawall)	Alaska pollack (muscle) No.1	2022/12/19	< 2.2E+00	< 2.2E+00	ND
Port area (Near southern seawall)	Marbled sole (muscle) No.1	2022/12/13	< 2.0E+00	1.4E+01	1.4E+01
Port area (Near northern seawall)	Greenling (muscle) No.1	2022/12/13	< 2.8E+00	2.8E+01	2.8E+01
Port area (Near northern seawall)	Brown hakeling (muscle) No.1	2022/12/22	< 2.7E+00	4.3E+01	4.3E+01

- Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
- Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
- Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
- Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31.
Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

Analysis Results of Fish

<Sampled from the Port Area of the Fukushima Daiichi Nuclear Power Station>

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Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item		
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))
Port area (Near northern seawall)	Sebastes nudus (muscle) No.1	2022/12/9	< 2.9E+00	7.0E+01	7.0E+01
Port area (Near northern seawall)	Lepidotrigla microptena (muscle) No.1	2022/12/16	< 3.6E+00	< 4.1E+00	ND
Port area (Near northern seawall)	Snailfish (muscle) No.1	2022/12/19	< 2.3E+00	2.4E+00	2.4E+00
Port area (Near northern seawall)	Sea raven (muscle) No.1	2022/12/19	< 2.4E+00	< 2.3E+00	ND
Port area (Near northern seawall)	Sebastes cheni (muscle) No.1	2022/12/13	< 3.2E+00	2.4E+01	2.4E+01
Port area (Near northern seawall)	Flatfish (muscle) No.1	2022/12/7	< 2.4E+00	6.4E+00	6.4E+00
Port area (Near northern seawall)	Striped mullet (muscle) No.1	2022/12/16	< 2.9E+00	9.8E+00	9.8E+00
Port area (Near northern seawall)	Common Japanese conger (muscle) No.1	2022/12/22	< 2.4E+00	1.4E+01	1.4E+01
Port area (Near northern seawall)	Common Japanese conger (muscle) No.2	2022/12/22	< 2.2E+00	1.6E+01	1.6E+01
Port area (Near northern seawall)	Common Japanese conger (muscle) No.3	2022/12/22	< 2.7E+00	1.3E+01	1.3E+01

- Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
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- Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
- Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31. Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

Analysis Results of Fish

<Sampled from the Port Area of the Fukushima Daiichi Nuclear Power Station>

(3/6)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item		
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))
Port area (Near northern seawall)	Common Japanese conger (muscle) No.4	2022/12/22	< 2.4E+00	3.1E+01	3.1E+01
Port area (Near northern seawall)	Marbled sole (muscle) No.1	2022/12/26	< 2.6E+00	3.1E+01	3.1E+01
Port area (Near port entrance)	Snailfish (muscle) No.1	2022/12/6	< 2.0E+00	8.2E+00	8.2E+00
Port area (Near port entrance)	Black rockfish (muscle) No.1	2022/12/14	< 2.1E+00	3.5E+01	3.5E+01
Port area (Near port entrance)	Black rockfish (muscle) No.2	2022/12/20	< 3.3E+00	2.4E+01	2.4E+01
Port area (Near port entrance)	Black sea bream (muscle) No.1	2022/12/1	< 2.2E+00	< 2.3E+00	ND
Port area (Near port entrance)	Gizzard shad (muscle) No.1	2022/12/20	< 2.1E+00	2.8E+00	2.8E+00
Port area (Near port entrance)	Flatfish (muscle) No.1	2022/12/14	< 2.2E+00	9.3E+00	9.3E+00
Port area (Near port entrance)	Flatfish (muscle) No.2	2022/12/27	< 2.0E+00	1.7E+01	1.7E+01
Port area (Near port entrance)	Spotted halibut (muscle) No.1	2022/12/14	< 2.1E+00	2.6E+01	2.6E+01

- Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
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- Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
- Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31. Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

Analysis Results of Fish

<Sampled from the Port Area of the Fukushima Daiichi Nuclear Power Station>

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Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item		
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))
Port area (Near port entrance)	Spotted halibut (muscle) No.2	2022/12/20	< 3.2E+00	2.5E+01	2.5E+01
Port area (Near port entrance)	Common Japanese conger (muscle) No.1	2022/12/1	< 1.6E+00	1.6E+01	1.6E+01
Port area (Near port entrance)	Marbled sole (muscle) No.1	2022/12/14	< 2.2E+00	2.1E+01	2.1E+01
Port area (Near port entrance)	Marbled sole (muscle) No.2	2022/12/20	< 3.1E+00	1.7E+01	1.7E+01
Port area (Near port entrance)	Marbled sole (muscle) No.3	2022/12/27	< 1.6E+00	1.1E+01	1.1E+01
Port area (Near port entrance)	Flathead (muscle) No.1	2022/12/1	< 2.7E+00	< 2.8E+00	ND
Port area (North of eastern wave breaker)	Gizzard shad (muscle) No.1	2022/12/28	< 2.0E+00	< 2.0E+00	ND
Port area (North of eastern wave breaker)	Drumfish (muscle) No.1	2022/12/26	< 2.0E+00	< 2.0E+00	ND
Port area (North of eastern wave breaker)	Flatfish (muscle) No.1	2022/12/27	< 2.0E+00	5.9E+00	5.9E+00
Port area (North of eastern wave breaker)	Flatfish (muscle) No.2	2022/12/27	< 2.6E+00	< 2.9E+00	ND

- Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
- Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
- Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
- Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31. Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

Analysis Results of Fish

<Sampled from the Port Area of the Fukushima Daiichi Nuclear Power Station>

(5/6)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item		
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))
Port area (North of eastern wave breaker)	Spotted halibut (muscle) No.1	2022/12/7	< 2.2E+00	3.6E+01	3.6E+01
Port area (North of eastern wave breaker)	Common Japanese conger (muscle) No.1	2022/12/8	< 2.4E+00	1.8E+01	1.8E+01
Port area (North of eastern wave breaker)	Common Japanese conger (muscle) No.2	2022/12/8	< 1.9E+00	2.0E+01	2.0E+01
Port area (North of eastern wave breaker)	Common Japanese conger (muscle) No.3	2022/12/8	< 2.6E+00	1.6E+01	1.6E+01
Port area (North of eastern wave breaker)	Common Japanese conger (muscle) No.4	2022/12/28	< 2.8E+00	1.7E+01	1.7E+01
Port area (North of eastern wave breaker)	Marbled sole (muscle) No.1	2022/12/7	< 2.0E+00	6.6E+01	6.6E+01
Port area (North of eastern wave breaker)	Pacific redbfin (muscle) No.1	2022/12/27	< 2.1E+00	2.1E+01	2.1E+01
Port area (North of eastern wave breaker)	Spotbelly rockfish (muscle) No.1	2022/12/27	< 2.8E+00	2.0E+01	2.0E+01
Port area (South of eastern wave breaker)	Greenling (muscle) No.1	2022/12/7	3.3E+00	1.1E+02	1.1E+02
Port area (South of eastern wave breaker)	Greenling (muscle) No.2	2022/12/26	< 2.2E+00	< 2.2E+00	ND

- Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
- Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
- Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
- Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31. Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

Analysis Results of Fish

<Sampled from the Port Area of the Fukushima Daiichi Nuclear Power Station>

(6/6)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item		
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))
Port area (South of eastern wave breaker)	Sea raven (muscle) No.1	2022/12/12	< 1.7E+00	< 2.2E+00	ND
Port area (South of eastern wave breaker)	Smooth dogfish (muscle) No.1	2022/12/28	< 2.0E+00	5.5E+00	5.5E+00
Port area (South of eastern wave breaker)	Marbled sole (muscle) No.1	2022/12/7	< 2.7E+00	1.8E+01	1.8E+01

- Half life of each nuclide: Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
- Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
- Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
- Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31. Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.