

(Provisional Translation)

Monitoring results of Strontium in fisheries products conducted by Fisheries Research Agency

The monitoring results of Strontium in Fisheries products conducted by the Fisheries Research Agency upon request from the Fisheries Agency are as follows.

NO	Species			Sampling point	Sampling date	Publication date	Monitoring results (Becquerel/kg)								Ref. (analyzed part)
	Japanese	English	Scientific name				Sr-89	Sr-90	Ce-134	Ce-137	I-131	Pu-238	Pu-239+240	Am-241	
421	スケトウダラ	Alaska pollock	<i>Ondus chalogrammus</i>	38°51' N, 141°59' E	April 18, 2025	April 2, 2026	—	N.D. (Detection limit0.018)	N.D. (Detection limit0.052)	0.12	—	—	—	—	Sr & Cs: Whole except viscera
422	シロメバル	Rockfish	<i>Sebastes cheni</i>	37°16' N, 141°05' E	June 17, 2025	April 2, 2026	—	0.035	N.D. (Detection limit0.039)	0.54	—	—	—	—	Sr & Cs: Whole except viscera
423	キツネメバル	Fox jacopever	<i>Sebastes vulpus</i>	37°16' N, 141°05' E	June 17, 2025	April 2, 2026	—	N.D. (Detection limit0.015)	N.D. (Detection limit0.039)	0.38	—	—	—	—	Sr & Cs: Whole except viscera
424	シロメバル	Rockfish	<i>Sebastes cheni</i>	37°23' N, 141°05' E	June 17, 2025	April 2, 2026	—	0.079	N.D. (Detection limit0.042)	0.52	—	—	—	—	Sr & Cs: Whole except viscera
425	キツネメバル	Fox jacopever	<i>Sebastes vulpus</i>	37°23' N, 141°05' E	June 17, 2025	April 2, 2026	—	N.D. (Detection limit0.015)	N.D. (Detection limit0.041)	0.39	—	—	—	—	Sr & Cs: Whole except viscera
426	キアノコウ	Yellow goosfish	<i>Lophius litulon</i>	37°18' N, 141°10' E	June 25, 2025	April 2, 2026	—	N.D. (Detection limit0.014)	N.D. (Detection limit0.029)	0.12	—	—	—	—	Sr & Cs: Whole except viscera
427	ムンゴレイ	Shotted halibut	<i>Eopsetta grigorjovi</i>	37°18' N, 141°10' E	June 25, 2025	April 2, 2026	—	N.D. (Detection limit0.013)	N.D. (Detection limit0.015)	0.17	—	—	—	—	Sr & Cs: Whole except viscera
428	ゴマサバ	Southern mackerel	<i>Scomber australasicus</i>	37°15' N, 141°06' E	June 25, 2025	April 2, 2026	—	0.011 (Detection limit0.011)	N.D. (Detection limit0.016)	0.12	—	—	—	—	Sr & Cs: Whole except viscera
429	ヤナギダコ	Chestnut octopus	<i>Octopus cutipapillatus</i>	37°10' N, 141°27' E	June 27, 2025	April 2, 2026	—	N.D. (Detection limit0.0006)	N.D. (Detection limit0.017)	N.D. (Detection limit0.020)	—	—	—	—	Sr & Cs: Muscle part
430	マダイ	Red seabream	<i>Pagrus major</i>	37°25' N, 141°10' E	June 27, 2025	April 2, 2026	—	N.D. (Detection limit0.021)	N.D. (Detection limit0.034)	0.24	—	—	—	—	Sr & Cs: Whole except viscera
431	ヒラメ	Olive flounder	<i>Paralichthys olivaceus</i>	37°16' N, 141°05' E	August 25, 2025	April 2, 2026	—	N.D. (Detection limit0.018)	N.D. (Detection limit0.033)	0.17	—	—	—	—	Sr & Cs: Whole except viscera
432	ヒラメ	Olive flounder	<i>Paralichthys olivaceus</i>	37°23' N, 141°05' E	August 25, 2025	April 2, 2026	—	N.D. (Detection limit0.014)	N.D. (Detection limit0.041)	0.20	—	—	—	—	Sr & Cs: Whole except viscera
433	ワカメ	Wakame seaweed	<i>Undaria pinnatifida</i>	35°12' N, 139°36' E	April 3, 2025	May 8, 2026	—	0.012	N.D. (Detection limit0.016)	N.D. (Detection limit0.022)	—	—	—	—	Sr & Cs: Whole
434	ホンダワラ類	Sargassum algae	<i>Sargassum</i> sp.	36°56' N, 140°55' E	June 13, 2025	May 8, 2026	—	0.027	N.D. (Detection limit0.067)	0.12	—	—	—	—	Sr & Cs: Whole
435	アワメ	Arame seaweed	<i>Enteromorpha flexilis</i>	36°56' N, 140°55' E	June 13, 2025	May 8, 2026	—	N.D. (Detection limit0.018)	N.D. (Detection limit0.086)	N.D. (Detection limit0.081)	—	—	—	—	Sr & Cs: Whole
436	ワカメ	Wakame seaweed	<i>Undaria pinnatifida</i>	36°56' N, 140°55' E	June 13, 2025	May 8, 2026	—	N.D. (Detection limit0.015)	N.D. (Detection limit0.059)	N.D. (Detection limit0.055)	—	—	—	—	Sr & Cs: Whole
437	アカモク	Akamoku seaweed	<i>Sargassum horneri</i>	36°56' N, 140°55' E	June 13, 2025	May 8, 2026	—	N.D. (Detection limit0.017)	N.D. (Detection limit0.056)	0.30	—	—	—	—	Sr & Cs: Whole
438	ヤナギダコ	Chestnut octopus	<i>Octopus cutipapillatus</i>	37°26' N, 141°31' E	June 28, 2025	August 6, 2026	—	N.D. (Detection limit0.0088)	N.D. (Detection limit0.019)	N.D. (Detection limit0.017)	—	—	—	—	Sr & Cs: Muscle part
439	ブリ	Japanese amberjack	<i>Seriola quinqueradiata</i>	37°50' N, 141°09' E	June 28, 2025	August 6, 2026	—	N.D. (Detection limit0.0074)	N.D. (Detection limit0.021)	0.16	—	—	—	—	Sr & Cs: Whole except viscera
440	カタクチイワシ	Anchovy	<i>Engraulis japonicus</i>	37°18' N, 141°10' E	June 29, 2025	August 6, 2026	—	N.D. (Detection limit0.0078)	N.D. (Detection limit0.027)	0.048	—	—	—	—	Sr & Cs: Whole except viscera
441	スケトウダラ	Alaska pollock	<i>Ondus chalogrammus</i>	40°10' N, 142°13' E	October 3, 2025	August 6, 2026	—	N.D. (Detection limit0.0085)	N.D. (Detection limit0.021)	0.055	—	—	—	—	Sr & Cs: Whole except viscera
442	スケトウダラ	Alaska pollock	<i>Ondus chalogrammus</i>	39°39' N, 142°14' E	October 14, 2025	August 6, 2026	—	N.D. (Detection limit0.011)	N.D. (Detection limit0.022)	0.094	—	—	—	—	Sr & Cs: Whole except viscera
443	マダラ	Pacific cod	<i>Ondus macrocephalus</i>	39°47' N, 142°17' E	October 15, 2025	August 6, 2026	—	N.D. (Detection limit0.012)	N.D. (Detection limit0.018)	0.110	—	—	—	—	Sr & Cs: Whole except viscera
444	スケトウダラ	Alaska pollock	<i>Ondus chalogrammus</i>	39°48' N, 142°17' E	October 15, 2025	August 6, 2026	—	N.D. (Detection limit0.0072)	N.D. (Detection limit0.020)	0.079	—	—	—	—	Sr & Cs: Whole except viscera
445	マダラ	Pacific cod	<i>Ondus macrocephalus</i>	38°23' N, 141°51' E	October 16, 2025	August 6, 2026	—	N.D. (Detection limit0.0046)	N.D. (Detection limit0.021)	0.10	—	—	—	—	Sr & Cs: Whole except viscera

Note 1: According to the Nuclear Regulation Authority's Environment Radiation Database, up through the period of 2005-2010 prior to the Fukushima Daiichi NPS accident, the fish, shellfish and algae in the sea zones around Japan contained strontium-90 in concentrations between 0.25 Bq/kg and below the minimum detectable level.
Note 2: According to the Nuclear Regulation Authority's Environment Radiation Database, up through the period of 2005-2010 prior to the Fukushima Daiichi NPS accident, the fish and shellfish in the sea zones around Japan contained plutonium-238 in concentrations between 0.0016 Bq/kg and below the minimum detectable level. Concentrations of plutonium-239+240 were between 0.073 Bq/kg and below the minimum detectable level.
Note 3: No. 433 was provided by a research project commissioned by the FY2025 Radioactivity Research Fund.
Note 4: Nos. 421-432, 434-445 were provided by a research project commissioned by the FY2025 Radioactivity Research Fund.