

Information paper submitted by the Secretariat.

NPFC 2024 Fisheries Overview

Abstract:

This report provides a comprehensive summary of fishing catch and effort for all NPFC species in the NPFC Convention Area and National Waters for 2024, along with comparative data from 2019 onward. The data presented in this report is drawn from the annual reports submitted by Members, the NPFC Vessel Registry, and additional information provided by Members.

Note:

Report Updated to revise the numbers 13 March 2025 (Rev. 1) and 14 March 2025 (Rev. 2).

Report Updated to revise the numbers according to the following members responses 19 March 2025 (Rev. 3 to 5).

Report Updated to revise the Table 3 and Supplementary Tables 22 March 2025 (Rev. 6).

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2024 Fisheries Overview

1. Introduction:

This report provides an organized summary of fishing activities for 2024 as reported by Members/CNCP, through the submission of annual reports and the updating of the Vessel Registry. The catch and effort data for 2024 is presented along with the same for previous years back to 2019, when the Vessel Registry was introduced. For a more detailed look at the NPFC's annual fishery reports, please visit the website at <https://www.npfc.int/statistics>.

In 2024, NPFC Members reported a total of 1,323 authorized vessels¹, with 473 actively operating in the Convention Area. A total catch of approximately 530,843 MT of fish was reported from the Convention Area from approximately 41,945 fishing days. An additional 1,195,601 MT of NPFC species (straddling stocks) were harvested in the National Waters of Japan and Russia in 2024. Details of catch and effort reports from National Waters are provided in Appendix 1.

Tables 1 and 2 present Member-specific the numbers of authorized vessels, catch, and effort data by species for 2024 in the Convention Area. Authorized and active vessel counts were extracted from Members' annual reports, and total fishing days were calculated by summing days recorded for each species. No Japanese Flying Squid catch was reported in 2024. All figures — except those for Sharks and Chimera Species — are rounded to one decimal place. Details on data sources and limitations, as well as historical data on authorized and active vessel counts, catch, and effort from 2019 onward, are provided in the Supplementary Tables in Appendix 2.

¹ Authorized vessels were counted if they were registered for at least one day in 2024.

Table 1. The number of Authorized and Active Vessels from Annual Report with Fishing Days and Total Catch Amounts in 2024 in the Convention Area for each active Member

	Authorized Vessels	Active Vessels	Fishing Days	Total Catch Amounts (Metric Ton)
China	741	259	32,818	389,817
Japan	362	121	4,013	34,224
Korea	40	5	434	5,885
Russia	73	14	328	31,226
Chinese Taipei	101	70	4,215	67,284
Vanuatu	6	4	137	2,407
Total	1,323	473	41,945	530,843

Table 2. The total catch amounts by species in the Convention Area in 2024 for each active Member (Metric Ton)

	Pacific Saury	Chub Mackerel	Japanese Sardine	Neon Flying Squid	Bottom Fisheries	Sharks and Chimera Species
China	40,504	72,367	261,104	15,842	-	Blue Shark (0.6)
Japan	28,701	1	-	3,426	2,096	Sharks nei (10.8) Chimera ns (1.2)
Korea	5,866	-	-	19	-	-
Russia	286	1,431	29,506	-	-	-
Chinese Taipei	67,280	-	-	4	-	-
Vanuatu	2,407	-	-	-	-	-
Total	145,044	73,799	290,610	19,291	2,096	-

2. Bottom Fisheries

The 2024 bottom fishery was conducted by 2 vessels over 304 days with a total catch of 2,096 MT. This compares to 2,235 MT harvested in 2023 by 2 vessels over 278 days. Tables 3 to 4 present the total catch, number of active vessels, fishing days, and catch amounts by Member and species for bottom fisheries from 2019 to 2024. Only data for Japan, Korea and Russia are shown.

Table 3. The catch amounts of Bottom Fisheries for each species in 2024 for each active Member (Metric Ton)

	North Pacific armorhead	Splendid alfonsino	Mirror dory	Butterfish	Rockfishes	Other
Canada	-	-	-	-	-	-
Japan	46	1,573	24	13	10	430
Korea	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Total	46	1,573	24	13	10	430

Table 4. The number of active vessels for Bottom fisheries for each active Member from 2019 to 2024

	2019	2020	2021	2022	2023	2024
Canada	1	-	-	-	-	-
Japan	4	2	2	2	2	2
Korea	1	-	-	-	-	-
Russia	1	-	1	1	-	-
Total	6	2	3	3	2	2

The historical numbers of authorized and active vessels and fishing days with catch amounts from 2019 can be found in Supplementary Table 3 in Appendix 2.

3. Pelagic Fisheries

In 2024, pelagic fisheries within the Convention Area harvested a total of 528,747 metric tons (MT) of chub mackerel, Pacific saury, Neon flying squid, and Japanese sardines. The tables below detail the catch and effort by active Members and provide historical data to contextualize the 2024 activities.

3.1 Pacific saury

In 2024, Pacific saury catches in the NPFC Convention Area exhibited an increase from 2023, totaling 145,044 MT, up from 104,394 MT in the previous year. Of the 359 authorized vessels, 224 actively fished over 11,578 days, achieving an average catch rate of 12.5 MT per day. While the fishing effort decreased in 2024, the catch rate improved stable compared to 2023, when 196 of the 363 authorized vessels achieved an average catch rate of 8.77 MT per day over 11,926 fishing days. An additional 9,987 MT was harvested in the National Waters of Japan. Further details are provided in Annex 1. Supplementary Tables 6 and 7 in Annex 2 present, by Member, the number of authorized and active vessels, as well as the number of fishing days and catches from 2019 to 2024.

3.2 Chub mackerel

Although vessels are registered separately for chub mackerel and blue mackerel, catches of both species are reported collectively as chub mackerel in Members' Annual Reports. In 2024, chub mackerel catches in the Convention Area increased by more than 1.48% from the previous year, with a total reported catch of 73,799 MT (48,851 MT in 2023). Of the 232 authorized vessels in 2024, 119 fished over 19,063 days, achieving an average catch rate of 3.87 MT per day. This compares with a higher catch rate of 2.9 MT per day for the 93 (of an authorized 228) vessels that fished 16,652 days in 2023. Chub mackerel catches within Japanese National Waters also witnessed a significant decrease from 2023 to 2024, with the average daily catch rate falling from 16.2 MT in 2023 to 13.1 MT in 2024. Details of the chub mackerel fishery in National Waters may be found in Annex 1. Supplementary Tables 8 and 9 in Annex 2 show, by Member, the numbers of authorized and active vessels, as well as the number of fishing days and catches for the period 2019–2024.

3.3 Japanese sardine

In 2024, the largest single-species harvest reported by the NPFC was Japanese sardine, with a catch of 290,610 MT, accounting for more than 54% of the total catch in the Convention Area. This amount was harvested by 118 vessels over 18,907 fishing days. This represents a slight increase from the 2023 catch of 233,167 MT, which involved 94 vessels over 16,654 days. Japanese sardines were also fished in the National Waters of Japan and Russia, where an additional 1,083,331 MT was harvested. Details are provided in Annex 1. Supplementary Tables 10 and 11 in Annex 2 present, by Member, the number of authorized and active vessels, and the number of fishing days and catches from 2019 to 2024.

3.4 Squids: Neon Flying Squid and Japan Flying Squid

The number of active vessels and fishing days for Neon flying squid and Japanese flying squid are reported collectively as "squids." Although vessels are registered separately for the two species, catches and fishing days for Neon and Japanese flying squid are combined in Members' Annual Reports. Consequently, the effort data for both species are aggregated.

In 2024, a total of 19,291 MT of Neon flying squid was reported caught in the Convention Area, with 10,353 fishing days reported under the generic "squids." Authorizations included 827 for Neon flying squid and an additional 267 for Japanese flying squid. Supplementary Tables 12 to 14 in Annex 2 provide information on authorized vessels, reported catches for "squid" and Japanese flying squid, including active vessels and fishing days by Member from 2019 to 2024. Additionally, a total of 17,452 MT of Japanese flying squid was reported as caught in the National Waters of Japan in 2024. Further details are available in Annex 1. Please note that the counts of active vessels for Squid and Neon Flying Squid were determined by summing the active vessel numbers across all species and both western and eastern fishing regions.

3.5 Sharks and Chimera

Sharks and chimera within the NPFC Convention Area were reported for the first time in 2024. China reported 0.6 MT of Blue Shark while Japan reported 10.8 MT for “Sharks nei” and 1.2 MT for “Chimera ns”.

Annex 1. Overview of fisheries in National Waters

Annex 1 provides the information on fisheries in National Waters reported by each Member in its annual report. Annex 1 shows data from Japan, Korea and Russia, which are the only Members that reported fishery data in their National Waters. The figures for active vessels, fishing days, and total catch amounts were derived by summing the values for each species, and all figures have been rounded to one decimal place. Supplementary Tables 1 and 2 show the active vessels and catch amounts of the pelagic fisheries in 2024.

Supplementary Table 1. The number of active vessels with total catch amounts in 2024 in the National Waters for each active Member

	Active vessels	Fishing Days	Total Catch Amounts (Metric Ton)
Japan	247	11,302	631,219
Korea	-	-	-
Russia	105	3,232	564,382
Total	352	14,534	1,195,601

Supplementary Table 2. The total catch amounts in the National Waters in 2024 for each active Member (Metric Ton)

	Pacific Saury	Chub Mackerel	Japanese Sardine	Neon Flying Squid	Japan Squid
Japan	9,987	78,487	525,278	15	17,452
Korea	-	-	-	-	-
Russia	528	5,801	558,053	-	-
Total	10,515	84,288	1,083,331	15	17,452

Annex 2. Historical numbers of Authorized and Active Vessels and Fishing days with catch amounts

****** All vessels intending to fish within the North Pacific Fisheries Commission (NPFC) Convention Area should be registered in the NPFC Vessel Registry in accordance with NPFC CMM-2023-01; vessels that operate solely in National Waters are not required to register. Because the Secretariat's fisheries overview focuses on activity within the Convention Area, only registry-registered vessels in the NPFC Vessel Registry. Under national authorization procedures, however, vessels may be authorized for Convention Area fisheries without being entered into the NPFC Vessel Registry until they indicate an intention to fish inside of the Convention Area. Consequently, Member-reported authorization and active vessels counts can exceed those recorded in the NPFC Vessel Registry. This approach can produce discrepancies between NPFC Vessel Registry totals and Member-side records, but it aligns with the NPFC's mandate to monitor and manage Convention Area fisheries.

In 2024, all Members reported their authorized and active vessel counts (total and by species) exclusively via the e-Annual Report system, which automatically retrieves vessel data from the NPFC Vessel Registry; accordingly, all 2024 figures derive solely from these submissions. Between 2019 and 2021, Members transitioned from reporting vessel authorizations under a generic "Pelagic Species" category to specifying authorizations by individual species, leading to discrepancies between aggregated authorized vessel totals and Member submitted counts. The NPFC Vessel Registry further contains non-fishing vessels—such as carrier and research vessels—with commercial fishing authorizations, inflating overall authorization figures. Conversely, some vessels that operated across multiple fisheries (for example, Chub Mackerel and Japanese Sardine) were authorized for only a single target species, resulting in underrepresentation of their activity in species-specific authorization counts. Active vessel and fishing-day totals in Supplementary Tables 3–5—derived from annual reports and footprint data—may exceed Member-side records because vessels registered in multiple fisheries can be counted more than once during aggregation. Select figures in the historical NPFC Vessel Registry have been revised following consultation with Members to address identified discrepancies.

Supplementary Table 3. Historical numbers of Authorized Vessels (A.V.) and Active Vessels in the Convention Area

	2019		2020		2021		2022		2023		2024	
	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active
Canada	1	1	1	-	-	-	-	-	-	-	-	-
China	474	168 (wo carrier)	592	190	717	262	711	215	736	210	741	259
Japan	440	146	432	138	418	141	408	114	371	160	362	121
Korea	44	21	44	10	44	20	42	20	41	11	40	5
Russia	111	11	72	11	73	11	61	3	64	8	73	14
Chinese Taipei	115	94	110	90	107	96	110	82	104	67	101	70
Vanuatu	4	4	4	4	4	4	4	3	4	2	6	4
Total	1,189	539	1,255	572	1,363	685	1,336	591	1,320	577	1,323	473

Supplementary Table 4. Historical numbers of Fishing days (Effort) and Catch amounts (Metric Tons) in the Convention Area

	2019		2020		2021		2022		2023		2024	
	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch
China	31,513	177,755	38,061	240,005	59,033	389,478	52,617	420,370	44,687	332,907	32,828	389,817
Japan	5,621	31,306	5,525	27,094	4,910	23,097	4,450	19,816	3,569	16,301	4,013	34,224
Korea	662	8,449	567	5,993	579	4,447	708	3,478	473	3,179	434	5,885
Russia	233	2,194	107	3,102	300	4,019	36	63	25	58	328	31,226
Chinese Taipei	8,829	86,785	5,849	57,055	5,252	34,157	6,026	42,375	4,825	50,604	4,215	67,284
Vanuatu	373	3,574	280	2,700	247	1,273	168	937	123	1,110	137	2,407
Total	47,231	310,063	50,389	335,949	70,321	456,471	64,005	487,039	53,710	404,949	41,945	530,843

Supplementary Table 5. Historical numbers of Fishing days (Effort) and Catch amounts (Metric Tons) in the Convention Area for Bottom Fisheries

	2019		2020		2021		2022		2023		2024	
	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch
Canada	1	22	-	-	-	-	-	-	-	-	-	-
Japan	737	3,210	368	2,045	312	1,429	310	1,876	278	2,240	304	2,096
Korea	35	37	-	-	-	-	-	-	-	-	-	-
Russia	7	-	-	-	7	127	16	47	-	-	-	-
Total	779	3,247	368	2,045	319	1,556	326	1,923	278	2,235	304	2,096

Supplementary Table 6. Historical numbers of Authorized Vessels (A.V.) and Active Vessels in the Convention Area for Pacific saury

	2019		2020		2021		2022		2023		2024	
	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active
China	85	62	79	57	79	66	77	63	77	57	76	58
Japan	177	111	181	98	176	109	177	89	147	63	143	84
Korea	21	11	21	10	21	10	19	10	19	6	18	5
Russia	25	4	26	2	24	3	22	1	19	2	23	3
Chinese Taipei	101	91	100	87	98	93	102	81	97	66	95	70
Vanuatu	4	4	4	4	4	4	4	3	4	2	4	2
Total	413	283	411	258	402	285	401	247	363	196	359	223

Supplementary Table 7. Historical numbers of Fishing days (Effort) and Catch amounts (Metric Tons) in the Convention Area for Pacific saury

	2019		2020		2021		2022		2023		2024	
	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch
China	8,964	51,404	8,846	44,006	8,924	33,511	9,957	35,477	5,507	39,252	4,767	40,504
Japan	1,733	20,986	2,124	17,430	2,669	17,378	2,527	14,709	1,298	10,608	2,012	28,701
Korea	583	8,375	567	5,993	522	4,365	653	3,438	380	3,107	412	5,866
Russia	187	1,683	62	443	141	574	-	-	11	51	42	286
Chinese Taipei	6,509	83,941	5,450	56,662	5,138	34,043	5,782	42,177	4,613	50,268	4,208	67,280
Vanuatu	276	3,456	280	2,700	238	1,270	164	929	113	1,108	137	2,407
Total	18,252	169,845	17,329	127,234	17,632	91,141	19,083	110,860	11,922	104,394	11,578	145,044

Supplementary Table 8. Historical numbers of Authorized Vessels (A.V.) and Active Vessels in the Convention Area for Chub mackerel

	2019		2020		2021		2022		2023		2024	
	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active
China	109	32	109	53	109	108	109	107	109	93	*109	106
Japan	68	3	70	1	70	1	70	1	65	-	62	1
Korea	21	-	21	-	21	-	19	-	19	-	18	-
Russia	19	3	38	5	46	4	36	1	35	4	42	12
Chinese Taipei	-	-	-	-	-	-	-	-	-	-	-	-
Vanuatu	-	-	-	-	-	-	-	-	-	-	1	-
Total	217	38	238	59	246	113	234	109	228	97	232	119

* China reported that one vessel, which remained registered until April 2024, was scrapped, reducing the total count of authorized vessels by one.

Supplementary Table 9. Historical numbers of Fishing days (Effort) and Catch amounts (Metric Tons) in the Convention Area for Chub mackerel

	2019		2020		2021		2022		2023		2024	
	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch
China	5,193	64,446	8,755	92,456	20,151	108,266	17,915	110,856	16,648	48,850	18,759	72,367
Japan	594	-	203	-	193	1	184	-	-	-	166	1
Korea	-	-	-	-	-	-	-	-	-	-	-	-
Russia	23	508	23	59	93	1,195	10	4	4	1	138	1,431
Chinese Taipei	-	-	-	-	-	-	-	-	-	-	-	-
Vanuatu	-	-	-	-	-	-	-	-	-	-	-	-
Total	5,810	64,954	8,981	92,515	20,437	109,462	18,109	110,860	16,652	48,851	19,063	73,79

Supplementary Table 10. Historical numbers of Authorized Vessels (A.V.) and Active Vessels in the Convention Area for Japanese sardines

	2019		2020		2021		2022		2023		2024	
	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active	# of A.V.	# of Active
China	109	32	109	53	109	108	109	107	109	93	*109	106
Japan	67	-	69	-	69	-	68	-	63	-	60	-
Korea	21	-	21	-	21	-	19	-	19	-	18	-
Russia	14	2	39	4	44	4	31	1	29	1	43	12
Chinese Taipei	-	-	-	-	-	-	-	-	-	-	-	-
Vanuatu	-	-	-	-	-	-	-	-	-	-	-	-
Total	211	34	238	57	243	112	227	108	220	94	230	118

* China reported that one vessel, which remained registered until April 2024, was scrapped, reducing the total count of authorized vessels by one.

Supplementary Table 11. Historical numbers of Fishing days (Effort) and Catch amounts (Metric Tons) in the Convention Area for Japanese sardines

	2019		2020		2021		2022		2023		2024	
	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch	# of Effort	# of Catch
China	5,193	45,986	8,755	92,679	20,151	237,301	17,915	266,615	16,648	233,161	18,759	261,104
Japan	-	-	-	-	-	-	-	-	-	-	-	-
Korea	-	-	-	-	-	-	-	-	-	-	-	-
Russia	3	-	22	2,600	59	2,123	10	12	6	6	148	29,506
Chinese Taipei	-	-	-	-	-	-	-	-	-	-	-	-
Vanuatu	-	-	-	-	-	-	-	-	-	-	-	-
Total	5,196	45,986	8,777	95,279	20,210	239,424	17,925	266,627	16,654	233,167	18,907	290,610

Supplementary Table 12. Historical numbers of Active vessels from Annual reports and Catch amounts (Metric Tons) in the Convention Area for Squid

	2019		2020		2021		2022		2023		2024	
	# of Active	# of Effort	# of Active	# of Effort	# of Active	# of Effort	# of Active	# of Effort	# of Active	# of Effort	# of Active	# of Effort
China	136	12,163	156	11,705	131	9,807	92	6,830	86	5,884	90	8,793
Japan	32	2,557	39	2,830	31	1,736	24	1,429	27	1,993	31	1,531
Korea	10	44	-	-	10	57	10	55	5	93	4	22
Russia	2	13	-	-	-	-	-	-	1	4	-	-
Chinese Taipei	91	2,320	77	399	51	114	64	244	47	212	6	7
Vanuatu	2	97	-	-	4	9	2	4	2	10	-	-
Total	273	17,194	272	14,934	227	11,723	192	8,562	168	8,196	131	10,353

Supplementary Table 13. Historical numbers of Authorized Vessels (A.V.) and Active Vessels in the Convention Area for Neon Flying Squid

	2019		2020		2021		2022		2023		2024	
	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch
China	363	15,919	472	10,540	528	9,945	532	7,209	556	11,644	556	15,842
Japan	127	7,110	130	7,619	129	4,289	116	3,231	105	3,453	103	3,426
Korea	41	37	41	-	42	82	40	40	39	72	38	19
Russia	7	1	28	-	28	-	17	-	18	-	33	-
Chinese Taipei	105	2,844	101	393	99	114	101	198	95	336	93	4
Vanuatu	4	118	4	-	4	3	4	8	4	2	4	-
Total	647	26,029	776	18,552	830	14,433	810	10,686	817	15,507	827	19,291

Supplementary Table 14. Historical numbers of Authorized Vessels (A.V.) and Active Vessels in the Convention Area for Japanese Flying Squid

	2019		2020		2021		2022		2023		2024	
	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch	# of A.V.	# of Catch
China	280	-	217	324	104	455	1	213	1	-	-	-
Japan	127	-	130	-	129	-	116	-	105	-	103	-
Korea	41	-	41	-	42	-	40	-	39	-	38	-
Russia	7	2	28	-	28	-	25	-	24	-	33	-
Chinese Taipei	105	-	101	-	99	-	101	-	95	-	93	-
Vanuatu	4	-	4	-	1	-	-	-	-	-	-	-
Total	564	2	521	324	403	455	283	213	264	-	267	-

Supplementary Table 15. The active vessels, catch amounts, and fishing days (effort) for the Pacific saury fisheries in the National Waters from 2019 to 2024

	2019			2020			2021			2022			2023			2024		
	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort
Japan	183	24,678	1,945	173	12,265	1,077	168	940	102	154	3,355	405	144	13,818	1,864	136	9,987	809
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Russia	5	720	5	1	310	-	2	36	2	-	-	-	1	-	4	2	528	36
Total	188	25,398	1,950	174	12,575	1,077	170	976	104	154	3,355	405	145	13,818	1,864	138	10,515	845

Supplementary Table 16. The active vessels, catch amounts, and fishing days (effort) for the Chub mackerel fisheries in the National Waters from 2019 to 2024

	2019			2020			2021			2022			2023			2024		
	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort
Japan	58	334,058	6,203	60	286,398	7,569	57	302,433	6,439	58	171,808	6,305	57	113,935	6,467	52	78,487	5,524
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Russia	62	86,085	1,688	96	81,326	2,356	83	86,193	2,093	50	49,890	1,666	60	15,539	1,524	42	5,801	901
Total	120	420,143	7,891	156	367,724	9,925	140	388,626	8,532	108	221,698	7,971	117	129,474	7,991	94	84,288	6,425

Supplementary Table 17. The active vessels, catch amounts, and fishing days (effort) for the Japanese sardine fisheries in the National Waters from 2019 to 2024

	2019			2020			2021			2022			2023			2024		
	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort	# of Active	# of Catch	# of Effort
Japan	58	521,410	6,203	60	614,731	7,569	57	575,841	6,439	58	560,357	6,305	57	570,463	6,467	52	525,278	5,524
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Russia	56	133,011	1,629	91	312,891	2,928	63	253,629	1,920	46	288,314	2,009	69	544,068	2,851	60	558,053	2,295
Total	114	654,421	7,832	151	927,622	10,497	120	829,470	8,359	104	848,671	8,314	126	1,224,531	9,318	112	1,083,331	7,919

Supplementary Table 18. The fishing days (effort) and catch amounts and for the Squid fisheries in the National Waters from 2019 to 2024

	2019			2020			2021			2022			2023			2024		
	# of Effort	# of Catch (NFS)	# of Catch (JFS)	# of Effort	# of Catch (NFS)	# of Catch (JFS)	# of Effort	# of Catch (NFS)	# of Catch (JFS)	# of Effort	# of Catch (NFS)	# of Catch (JFS)	# of Effort	# of Catch (NFS)	# of Catch (JFS)	# of Effort	# of Catch (NFS)	# of Catch (JFS)
Japan	86 (NFS)	28	34,488	50 (NFS)	19	36,010	6 (NFS)	-	28,676	210 (NFS)	227	22,711	8 (NFS)	1	16,745	45 (NFS)	15	17,452
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Russia	1,288	1	17,617	1,727	-	14,396	619	-	4,835	49	-	105	26	2	379	-	-	-
Total	1,374	29	52,105	1,777	19	50,406	625	-	33,511	259	227	22,816	34	3	17,124	45	15	17,452

Supplementary Table 19. The number of active vessels for Squid in the National Waters for each active Member from 2019 to 2024

	2019	2020	2021	2022	2023	2024
Japan						
(Neon Flying Squid)	10	6	2	11	3	7
Korea	-	-	-	-	-	-
Russia	52	67	57	12	8	-
Total	62	73	59	23	11	7