

6.2 Japanese Flying Squid (JFS)



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Agenda items related to JFS

6.2.1 Review of tasks and recommendations

6.2.2 Observation of domestic stock assessment

6.2.3 Review of species summary

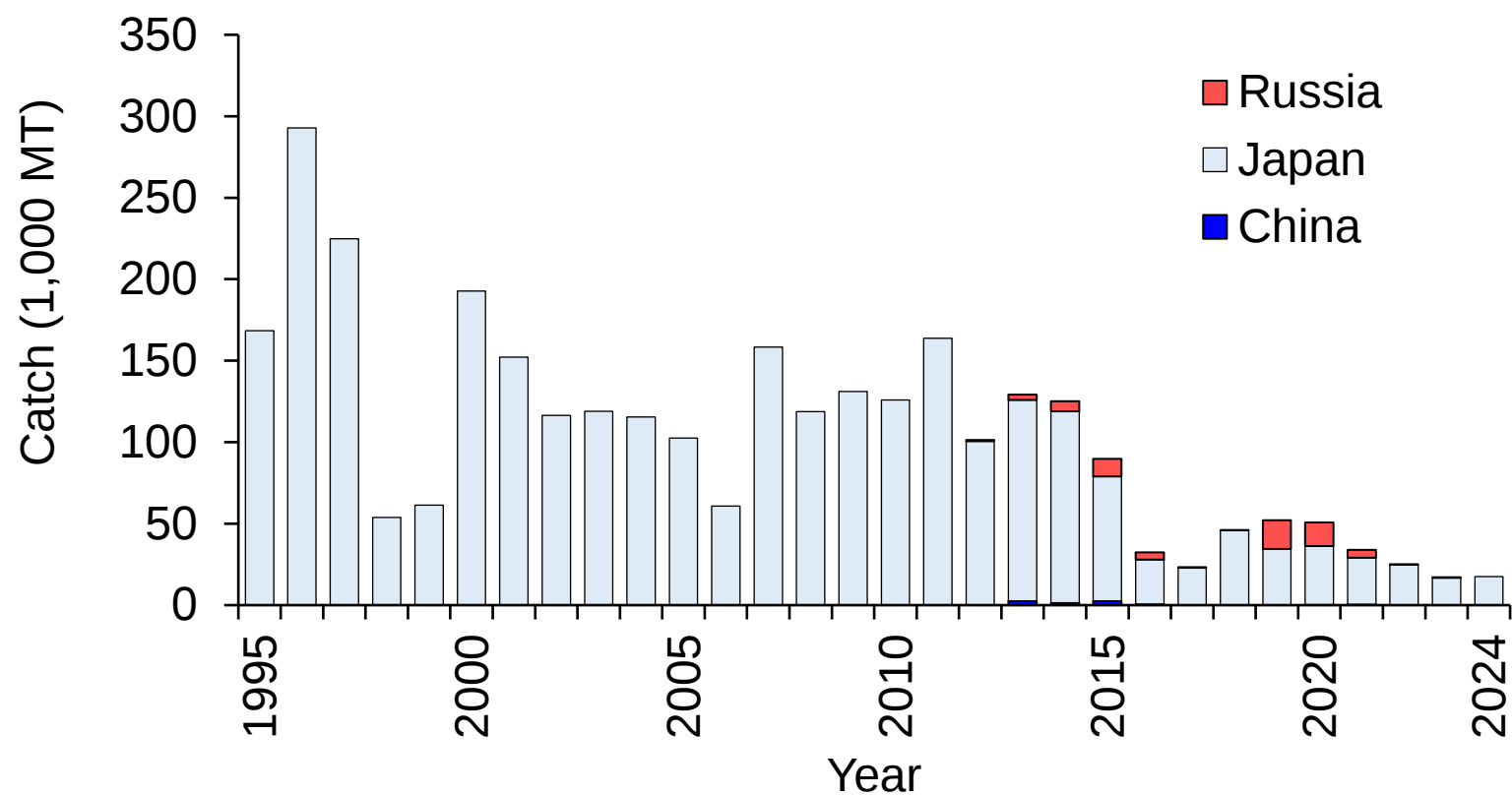
6.2.1 Review of tasks and recommendations

Task for JFS in 2025

- ✓ Update catch and effort data among Members
- ✓ Update the species summary
- ✓ Evaluate the influence of environmental variables on the life history, biology, and population dynamics
- ✓ Japan: provide a summary of its 2024 stock assessment at SC10

We have discussed these tasks at two intersessional meetings in July and October

Update catch data among Members (1st meeting)



Summary Footprint of Squid Fisheries was updated up to 2024
There was no catch in the NPFC convention area in 2023 and 2024

Evaluate the influence of environmental variables on the life history, biology, and population dynamics (1st meeting)

Environmental variables examined	Life History Parameter examined	No. of papers
ENSO	Distribution	1
Luner cycle, Tidal condition, Wind direction	Catch condition	1
Salinity	Recruitment	1
Water mass	Distribution, Migration	1
Water temperature	Abundance	1
	Distribution, Migration	3
	Growth	1
	Maturation, Growth	1
	Maturation	1
	Recruitment	5
Water temperature, Chlorophyll a, Sea surface height, eddy kinetic energy	Distribution, Migration	1
Water temperature, Plankton density	Growth	1
Water temperature, Salinity	Distribution	2
	Distribution, Migration	1
Water temperature, Water mass	Migration	1

6.2.3 Review of species summary

Update of the species summary documents (2nd meeting)

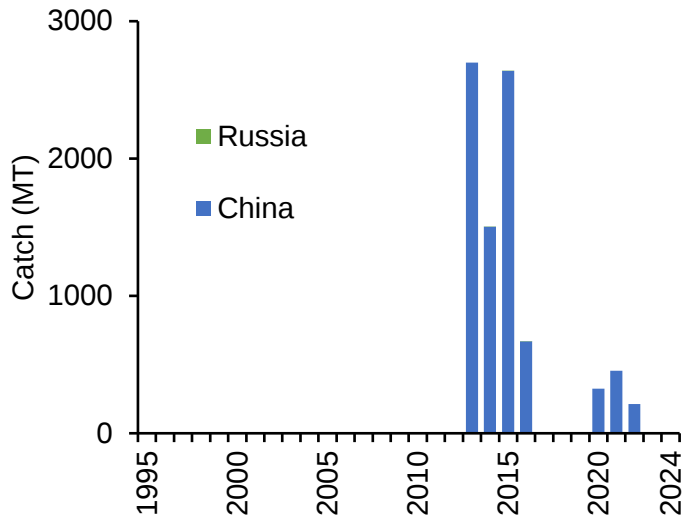
The following sections have been revised to reflect updated.

- Japanese stock assessment results of the winter-spawning stock JFS
- Data table and catch by each Member

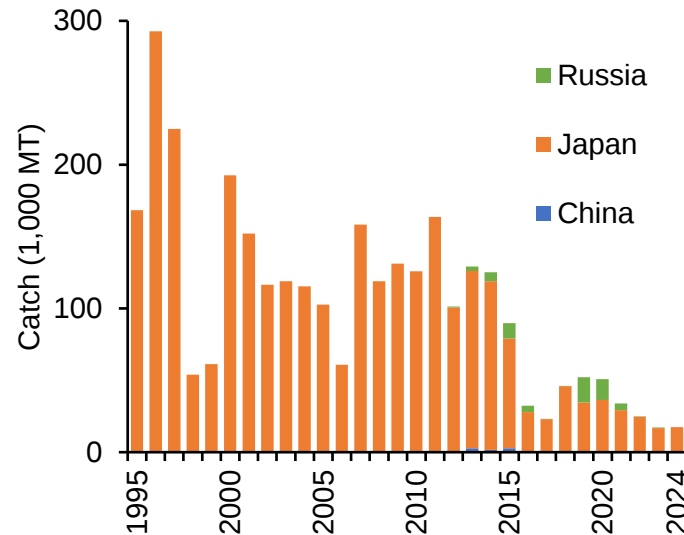


Japanese flying squid

Catch in the CA



Catch in the NW and CA



Comments

- There was no catch in the CA in 2023 and 2024
- Majority of catches comes from Japanese and Russian national waters