

State of the Fisheries Resources

Stock status summaries

The Seychelles Fisheries Authority (SFA) is responsible for undertaking assessments of various fisheries resources of the artisanal fishery. The main fisheries resources assessed include demersal fish species, semi-pelagic fish species, reef fish species, lobsters and sea cucumbers.

The table below summarises the status of the stock for various species/species groups that have been assessed. By clicking on the species name, you will be forwarded to a page on the SFA website where you can download a copy of the assessment report from which the key lines of evidence are derived to determine the stock status.

Species	Common name	Creole name	Organisation	Period ¹	Year of publication	Stock status	
						Fishing mortality*	Biomass**
Lutjanus sebae ***	Emperor red snapper	Bourzwa	SFA	2019	2021	Subject to overfishing	Not overfished
Epinephelus chlorostigma	Brown-spotted grouper	Vyey Makonde	SFA	2019	2021	Subject to overfishing	Uncertain
Jobfish ***	Green jobfish, Rusty jobfish, other jobfish	Zob gri, Zob zonn, Zob	SFA	2019	2021	Subject to overfishing	Not Overfished
Lethrinidae	Blue-lined large eye bream, Sky emperor, Yellowtail emperor, Spangled emperor, Slender emperor	Kaptenn blan, Madanm beri, laskar, kaptenn rouz, baksou	SFA	2019	2021	Subject to overfishing	Overfished
Lutjanidae	Two-spot red snapper, humphead snapper, humpback snapper, deep-water red snapper, deep-water longtail red snapper	Varavara, bordmar, terez, etelis, zob laflanm	SFA	2019	2021	Subject to overfishing	Not overfished
Epinephelinae	White blotched grouper, blue and yellow grouper, honeycomb grouper, coral grouper, yellow-edged lyretail, tomato hind	Vyey plat, vyey plat, vyey sat, vyey zannannan, kwrasan, msye angar	SFA	2019	2021	Subject to overfishing	Uncertain
Carangidae	Bludger, yellowspotted trevally, giant travelly, longnose travelly, Malabar travelly, bluefin travelly	Karang balo, karang plat, karang ledan, karang monik, karang ver	SFA	2019	2021	Subject to overfishing	Overfished
Scombrinae	Kawakawa	Bonit	SFA	2019	2021	Not subject to overfishing	Not overfished

Sphyraenidae	Bigeye barracuda, sawtooth barracuda, yellowtail barracuda, great barracuda	Bekin, bekin karo, bekin gomon, tazar				Subject to overfishing	Overfished
Siganus spp.	Shoemaker spinefoot, streamlined spinefoot, brown-spotted spinefoot, blue-spotted spinefoot, white-spotted spinefoot	Kordonnyen blan, kordonnyen soulfanm, kordonnyen margrit, kordonnyen lafimen, kordonnyen brizan	SFA	2019	2021	Not subject to overfishing	Uncertain
Other trap fish	Goatfish, parrotfish, wrasse, sweetlips, surgeonfish	Rouze, kakatwa, sirizyen	SFA	2019	2021	Subject to overfishing	Uncertain
Holothuria fuscoqilva ***	White teatfish	Kokosye blan	SFA	2025	2025	Subject to overfishing	Overfished
Holothuria sp. ***	Flower teatfish	Banbara pentard	SFA	2025	2025	Subject to overfishing	Overfished
Thelenota ananas	Prickly redfish	Sanpye	SFA	2025	2025	Subject to overfishing	Not overfished
Panulirus penicillatus ***	Pronghorn spiny lobster	Oumar gro latet	SFA	2024	2024	Uncertain	Not overfished
Panulirus longipes ***	Long-legged spiny lobster	Oumar rouz	SFA	2024	2024	Uncertain	Not overfished

¹Period refers to the most recent years' data used in the assessment

*** Status determined using the FAO Weight of Evidence

**The biomass status of the stock considers the size of the fish stock, and whether this number is above (Overfished) or below (not Overfished) a sustainable reference level eg. Maximum Sustainable Yield (MSY)

*The fishing mortality status considers how many fish are being caught (ie. level of fishing pressure), and whether that level is above (subject to overfishing) or below (not subject to overfishing) a sustainable reference level eg. FMSY (fishing pressure that corresponds to the maximum sustainable yield)

Below is a list of the latest stock assessment report and fishery-independent survey reports used to compile the stock status summary:

- Robinson, J. (2021) Assessing Key Fish Stocks of Seychelles' Artisanal Trap and Line Fishery, pp. 1-47.
- Seychelles Fisheries Authority (2024). Report on the spiny lobster fishery – Lobster Survey Report 2024, pp.1-18.
- Seychelles Fisheries Authority (2025). Seychelles sea cucumber survey – Final report, pp.1-98.

The Indian Ocean Tuna Commission (IOTC) undertakes stock assessments for tuna and tuna-like species and other species impacted by IOTC fisheries, such as sharks. The table below provides a summary of the status of the stock for various species under the IOTC mandate.

By clicking on the species name, you will be forwarded to the IOTC Stock Status Dashboard on the IOTC website, where you can access and download PDF documents of the Executive summaries of the status of the species.

Species	Common name	Creole name	Organisation	Period ¹	Year of publication	Stock status	
						Fishing mortality*	Biomass**
Thunnus alalunga	Albacore	Albakor	IOTC	2020	2024	Not subject to overfishing	Not overfished
Thunnus obesus	Bigeye tuna	Ton gro lizeye	IOTC	2021	2024	Subject to overfishing	Overfished
Katsuwonus pelamis	Skipjack tuna	Ton reye	IOTC	2022	2024	Not subject to overfishing	Not overfished
Thunnus albacares	Yellowfin tuna	Ton Zonn	IOTC	2023	2024	Not subject to overfishing	Not overfished
Xiphias gladius	Swordfish	Espadron	IOTC	2021	2024	Not subject to overfishing	Not overfished
Istiompax indica	Black Marlin	Espadron	IOTC	2022	2024	Subject to overfishing	Not overfished
Makaira nigricans	Blue marlin	Espadron	IOTC	2020	2024	Subject to overfishing	Overfished
Kajikia audax	Striped marlin	Espadron	IOTC	2022	2024	Subject to overfishing	Overfished
Istiophorus platypterus	Indo-Pacific sailfish	Dyab Lavwal	IOTC	2019	2024	Not subject to overfishing	Not overfished
Auxis rochei	Bullet tuna		IOTC	2022	2024	Unknown	Unknown
Auxis thazard	Frigate tuna		IOTC	2022	2024	Unknown	Unknown
Euthynnus affinis	Kawakawa	Bonit fol	IOTC	2021	2024	Not subject to overfishing	Overfished
Thunnus tonggol	Longtail tuna		IOTC	2021	2024	Subject to overfishing	Overfished
Scomberomorus guttatus	Indo-Pacific king mackerel		IOTC	2022	2024	Not subject to overfishing	Not overfished
Scomberomorus commerson	Narrow-barred Spanish mackerel		IOTC	2021	2024	Subject to overfishing	Overfished
Prionace glauca	Blue shark		IOTC	2019	2024	Not subject to overfishing	Not overfished
Carcharhinus longimanus	Oceanic whitetip shark	Reken Kannal	IOTC	-	2024	Unknown	Unknown
Sphyrna lewini	Scalloped hammerhead shark	Reken Marto	IOTC	-	2024	Unknown	Unknown
Isurus oxyrinchus	Shortfin mako shark	Moro	IOTC	2022	2024	Subject to overfishing	Overfished
Carcharhinus falciformis	Silky shark	Lapo kler	IOTC	-	2024	Unknown	Unknown
Alopias superciliosus	Bigeye thresher shark		IOTC	-	2024	Unknown	Unknown
Alopias pelagicus	Pelagic thresher shark		IOTC	-	2024	Unknown	Unknown
Lamna nasus	Porbeagle shark		IOTC	-	2024	Unknown	Unknown

¹Period refers to the most recent years' data used in the assessment

**The biomass status of the stock considers the size of the fish stock, and whether this number is above (Overfished) or below (not Overfished) a sustainable reference level eg. Maximum Sustainable Yield (MSY)

*The fishing mortality status considers how many fish are being caught (ie. level of fishing pressure), and whether that level is above (subject to overfishing) or below (not subject to overfishing) a sustainable reference level eg. FMSY (fishing pressure that corresponds to the maximum sustainable yield)