

State of the Fisheries Resources

Stock status summaries

The Seychelles Fishing 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, lobsters and sea cucumbers.

The below table provides a summary of the status of the stock for various species/species groups that has 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	Year of publication	Stock status	
						Fishing mortality*	Biomass**
Lutjanus sebae	Emperor red snapper	Bourzwa	SFA	2017	2018	Subject to overfishing	Overfished
Epinephelus chlorostigma	Brown-spotted grouper	Vyey Makonde	SFA	2017	2018	Uncertain	Overfished
Aprion virescens	Green jobfish	Zob gri	SFA	2017	2018	Uncertain	Overfished
Siganus spp.	Rabbitfish	Kordonyen	SFA	2017	2018	Not subject to overfishing	Not overfished
Caranxoides fulvoquttatus	Yellowspotted trevally	Karang plat	SFA	2017	2018	Uncertain	Overfished
Caranxoides gymnostethus	Bludger	Karang balo	SFA	2017	2018	Uncertain	Overfished
Holothuria fuscoqilva	White teatfish	Kokosye blan	SFA	2017	2017	Subject to overfishing	Overfished
Holothuria sp.	Flower teatfish	Banbara pentard	SFA	2017	2017	Subject to overfishing	Overfished
Panulirus penicillatus	Pronghorn spiny lobster	Oumar	SFA	2019	2019	Uncertain	Not overfished
Panulirus longipes	Long-legged spiny lobster	Oumar	SFA	2019	2019	Uncertain	Not overfished

**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)

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 below table 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	Year of publication	Stock status	
						Fishing mortality*	Biomass**
Thunnus albacares	Yellowfin tuna	Ton Zonn	IOTC	2018	2020	Subject to overfishing	Over fished
Katsuwonus pelamis	Skipjack tuna	Ton reye	IOTC	2019	2020	Not subject to overfishing	Not overfished
Thunnus obesus	Big eye tuna	Ton gro lizye	IOTC	2019	2020	Subject to overfishing	Not overfished
Makaira indica	Black Marlin	Espadron	IOTC	2018	2020	Not subject to overfishing	Not overfished
Thunnus alalunga	Albacore	Albakor	IOTC	2019	2020	Subject to overfishing	Not overfished
Alopias superciliosus	Bigeye thresher shark		IOTC	2018	2020	Unknown	Unknown
Makaira nigricans	Blue marlin	Espadron	IOTC	2017	2020	Subject to overfishing	Over fished
Prionace glauca	Blue shark		IOTC	2017	2020	Not subject to overfishing	Not overfished
Auxis rochei	Bullet tuna		IOTC	2019	2020	Unknown	Unknown
Auxis thazard	Figate tuna		IOTC	2019	2020	Unknown	Unknown
Scomberomorus guttatus	Indo-Pacific king mackerel		IOTC	2016	2020	Unknown	Unknown
Istiophorus platypterus	Indo-Pacific sailfish	Dyab Lavwal	IOTC	2019	2020	Uncertain	Uncertain
Euthynnus affinis	Kawakawa	Bonit fol	IOTC	2020	2020	Not subject to overfishing	Not overfished
Thunnus tonggol	Longtail tuna		IOTC	2020	2020	Subject to overfishing	Over fished
Scomberomorus commerson	Narrow-barred Spanish mackerel		IOTC	2020	2020	Subject to overfishing	Over fished
Carcharhinus longimanus	Oceanic whitetip shark	Reken Kannal	IOTC	2018	2020	Unknown	Unknown
Alopias pelagicus	Pelagic thresher shark		IOTC	2018	2020	Unknown	Unknown
Sphyrna lewini	Scalloped hammerhead shark	Reken Marto	IOTC	2018	2020	Unknown	Unknown
Isurus oxyrinchus	Shortfin mako shark	Moro	IOTC	2018	2020	Unknown	Unknown
Carcharhinus falciformis	Silky shark	Lapo kler	IOTC	2018	2020	Unknown	Unknown
Tetrapturus audax	Striped marlin	Espadron	IOTC	2018	2020	Subject to overfishing	Over fished
Xiphias gladius	Swordfish	Espadron	IOTC	2018	2020	Not subject to overfishing	Not overfished

**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)