

## 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 <sup>1</sup>	Year of publication	Stock status	
						Fishing mortality*	Biomass**
<a href="#">Lutjanus sebae</a>	Emperor red snapper	Bourzwa	SFA	2019	2021	Subject to overfishing	Overfished
<a href="#">Epinephelus chlorostigma</a>	Brown-spotted grouper	Vyey Makonde	SFA	2019	2021	Subject to overfishing	Uncertain
<a href="#">Aprion virescens, Aphareus rutilans and other jobfish</a>	Green jobfish, Rusty jobfish, other jobfish	Zob gri, Zob zonn, Zob	SFA	2019	2021	Subject to overfishing	Overfished
<a href="#">Siganus spp.</a>	Rabbitfish	Kordonyen	SFA	2019	2021	Not subject to overfishing	Not overfished
<a href="#">Carangidae</a>	Travelly	Karang	SFA	2019	2021	Subject to overfishing	Overfished
<a href="#">Holothuria fuscoqilva</a>	White teatfish	Kokosye blan	SFA	2021	2022	Subject to overfishing	Overfished
<a href="#">Holothuria sp.</a>	Flower teatfish	Banbara pentard	SFA	2021	2022	Subject to overfishing	Overfished
<a href="#">Thelenota ananas</a>	Prickly redfish	Sanpye	SFA	2021	2022	Subject to overfishing	Not overfished
<a href="#">Panulirus penicillatus</a>	Pronghorn spiny lobster	Oumar	SFA	2022	2022	Subject to overfishing	Not overfished
<a href="#">Panulirus longipes</a>	Long-legged spiny lobster	Oumar	SFA	2022	2022	Subject to overfishing	Not overfished

<sup>1</sup>Period 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)

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 <sup>1</sup>	Year of publication	Stock status	
						Fishing mortality*	Biomass**
<a href="#">Thunnus albacares</a>	Yellowfin tuna	Ton Zonn	IOTC	2020	2022	Subject to overfishing	Over fished
<a href="#">Katsuwonus pelamis</a>	Skipjack tuna	Ton reye	IOTC	2019	2022	Not subject to overfishing	Not overfished
<a href="#">Thunnus obesus</a>	Big eye tuna	Ton gro lizeye	IOTC	2021	2022	Subject to overfishing	Over fished
<a href="#">Makaira indica</a>	Black Marlin	Espadron	IOTC	-	2022	Unknown	Unknown
<a href="#">Thunnus alalunga</a>	Albacore	Albakor	IOTC	2020	2022	Not overfished	Not overfished
<a href="#">Alopias superciliosus</a>	Bigeye thresher shark		IOTC	-	2022	Unknown	Unknown
<a href="#">Makaira nigricans</a>	Blue marlin	Espadron	IOTC	2020	2022	Subject to overfishing	Over fished
<a href="#">Prionace glauca</a>	Blue shark		IOTC	2019	2022	Not subject to overfishing	Not overfished
<a href="#">Auxis rochei</a>	Bullet tuna		IOTC	-	2022	Unknown	Unknown
<a href="#">Auxis thazard</a>	Frigate tuna		IOTC	-	2022	Unknown	Unknown
<a href="#">Scomberomorus guttatus</a>	Indo-Pacific king mackerel		IOTC	2019	2022	Not subject to overfishing	Not overfished
<a href="#">Istiophorus platypterus</a>	Indo-Pacific sailfish	Dyab Lavwal	IOTC	2019	2022	Not subject to overfishing	Not overfished
<a href="#">Euthynnus affinis</a>	Kawakawa	Bonit fol	IOTC	2018	2022	Not subject to overfishing	Not overfished
<a href="#">Thunnus tonggol</a>	Longtail tuna		IOTC	2018	2022	Subject to overfishing	Over fished
<a href="#">Scomberomorus commerson</a>	Narrow-barred Spanish mackerel		IOTC	2018	2022	Subject to overfishing	Over fished
<a href="#">Carcharhinus longimanus</a>	Oceanic whitetip shark	Reken Kannal	IOTC	-	2022	Unknown	Unknown
<a href="#">Alopias pelagicus</a>	Pelagic thresher shark		IOTC	-	2022	Unknown	Unknown
<a href="#">Sphyrna lewini</a>	Scalloped hammerhead shark	Reken Marto	IOTC	-	2022	Unknown	Unknown
<a href="#">Isurus oxyrinchus</a>	Shortfin mako shark	Moro	IOTC	-	2022	Unknown	Unknown
<a href="#">Carcharhinus falciformis</a>	Silky shark	Lapo kler	IOTC	-	2022	Unknown	Unknown
<a href="#">Tetrapturus audax</a>	Striped marlin	Espadron	IOTC	2019	2022	Subject to overfishing	Over fished
<a href="#">Xiphias gladius</a>	Swordfish	Espadron	IOTC	2018	2022	Not subject to overfishing	Not overfished

<sup>1</sup>Period 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)