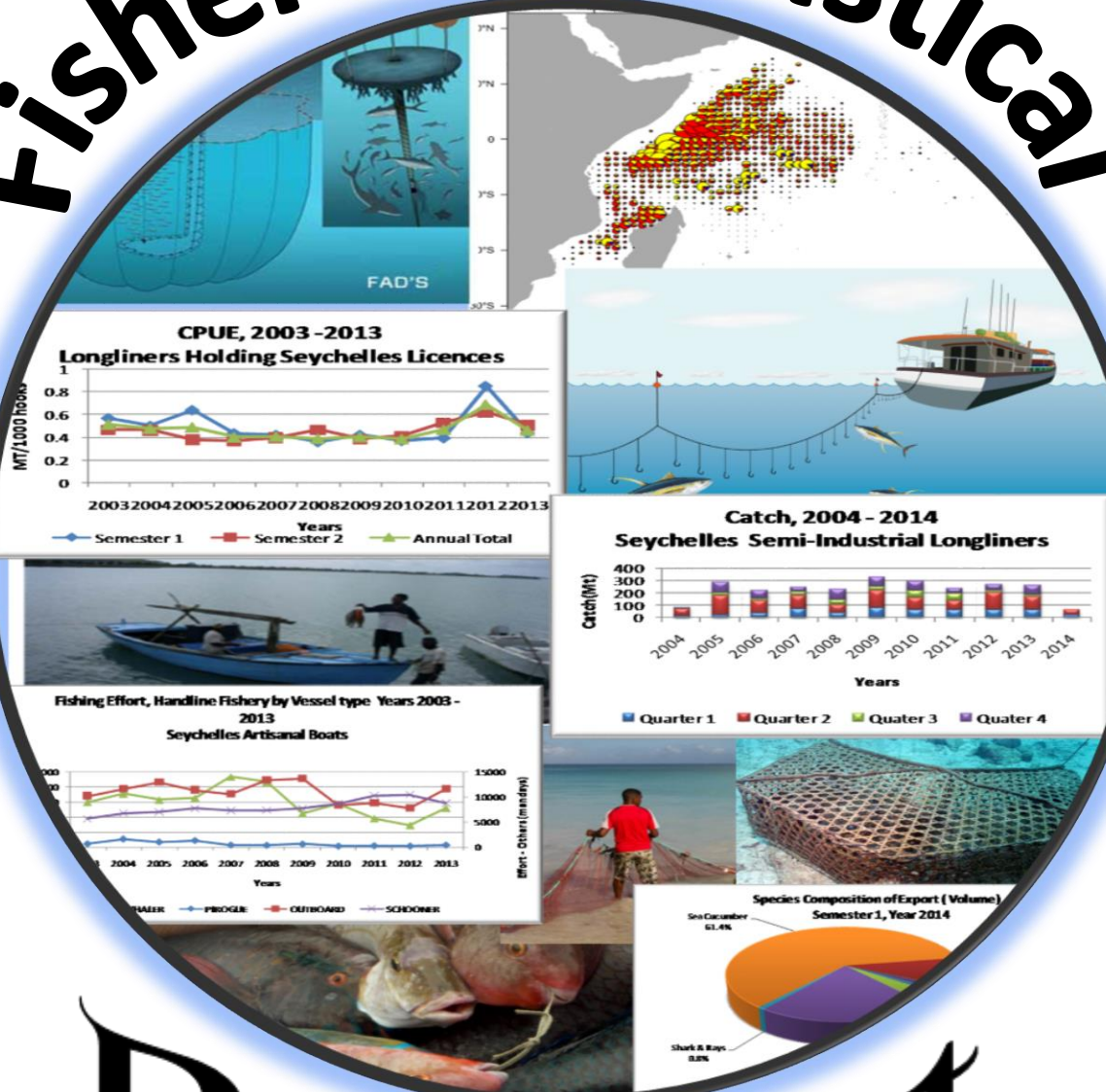




Fisheries Statistical



Report

Year 2023

Fisheries Statistical Report

Year: 2023



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- promote, develop and regulate fisheries;*
- advise the government on all matters related to fisheries; assist in the formulation of national policies with respect to*
- fisheries and lead the implementation of these policies;*
- assist in negotiations and represent Seychelles on matters related to fisheries;*
- promote and conduct scientific and development research related to fisheries;*
- enter into agreements in consultation with the authority responsible for ports, for the management or joint management of ports, harbours and related facilities;*
- administer the laws relating to fisheries and aquaculture and regulations made thereunder and other written laws relating to fisheries; and*
- advise the government on the manpower training requirements of Seychelles with regard to the fisheries sector.*

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Executive Summary

This report provides annual updates on fisheries statistics for the industrial, semi-industrial, artisanal, sea cucumber, and lobster fisheries by vessel type, fleet, gear, species, and geographical locations for the year 2023. It includes profiles of each fishery and summaries of data collection and processing procedures.

For the purse seine fishery, 47 purse seiners holding licences to fish inside the Seychelles EEZ reported a total catch of 373,123 MT in the in the Western Indian Ocean (WIO), for the year 2023. This represents a decrease of 7% over the estimated catch of 403,269 MT reported in the year 2022. The Spanish fleet accounted for 36% of the total catch in the WIO for year 2023, whilst the Seychelles and French fleet accounted for 32% and 16% respectively.

A record catch of 69,261 MT was reported inside the Seychelles EEZ during the year 2023 representing a decrease of 39% from the 113,566 MT reported for the year 2022. The catch was achieved from a decrease of 5% in fishing effort from 2,972 fishing day in 2022 to 2,836 fishing days in 2023. The mean catch rate for 2023 inside the Seychelles EEZ stands at 24.42 MT/fishing day compared to 38.22 MT/fishing day in 2022.

In terms of species composition, skipjack tuna dominated the total purse seine catches, accounting for 61% of the total catch followed by yellowfin tuna representing 29% whilst bigeye tuna made up only 9% of the total catch. In 2022, skipjack, yellowfin and bigeye tuna accounted for 60% ,30% and 9% of the total catch, respectively. Readers should note that since 2021, SFA encountered technical issues with its purse seine data processing software which did not allow for the species composition corrections of logbook data. Hence the figures presented are based on data reported on logbook extrapolated to the total landing and transshipment data only.

The Seychelles flagged purse seiners reported a total catch of 121,200 MT in the WIO in 2023, achieved from a fishing effort of 3,727 fishing days thus giving a mean catch rate of 32.52 MT/ fishing day. This represents a slight increase of 0.5% and 27% in catches and fishing effort respectively. In 2022 the Seychelles purse seine fleet reported a total catch of 120,642 MT obtained from a fishing effort of 2,934 fishing days with a mean catch rate of 41.12 MT/ fishing day. The catches of the Seychelles purse seine fleet inside the Seychelles EEZ in 2023 is estimated at 14,326 MT compared to 26,692 MT during the previous year. This represents a decrease of 46% in catches corresponding to a decrease of 13% in fishing effort.

Like previous years, Port Victoria remained the principal port for tuna transshipment and landing by purse seiners in the WIO during the year 2023. A total of 347,370 MT of tuna was unloaded through port Victoria compared to 373,395 MT in 2022. This represents 92% of the total landing and transshipment for that year and a 7% decrease from the previous year.

For the industrial longline fishery, 124 vessels licensed to fish in the Seychelles EEZ during year 2023 reported an estimated catch of 18,119 MT, obtained from a fishing effort of approximately 37.8 million hooks thus giving a mean catch rate of 0.48 MT/1000 hooks. The total catch reported by 176 vessels for the year 2022 was 19,989 MT, obtained from a fishing effort of approximately 54.2 million hooks with a mean catch rate of 0.37 MT/1000 hooks.

Only 58% of the total reported catch or 10,580 MT of fish were reported to have been caught inside of the Seychelles EEZ during the year 2023. This represents an 11% decrease and corresponds to a 33% reduction in fishing effort compared to the previous year.

In terms of species composition, bigeye tuna catches accounted for 37% of the total catch. Yellowfin tuna, swordfish and the 'others' category represented 35%, 6% and 13% of the total catch respectively.

During the year 2023, the industrial longline Seychelles fleet reported an estimated catch of 9,627 MT representing a decrease of 3% in catches with a decrease of 28% in fishing effort. This was achieved from a fishing effort of 20.1 million hooks and a mean catch rate of 0.48 MT/1000 hooks . During the previous year, the Seychelles fleet reported a total catch of 9,898 MT achieved from a fishing effort of 27.7 million hooks with a mean catch rate of 0.36 MT/1000 hooks.

The semi-industrial fishery reported a total catch of 2,536 MT in the year 2023, the highest catch recorded since the beginning of the fishery. This represent an increase of 22% in catches over the 2,073 MT reported for the year 2022, which was achieved from an increase of 29% in fishing effort, where a total of around 6.4 million hooks were sets compared to 4.6 million hooks sets in 2022. In term of species composition, yellowfin tuna accounted for 94% of the total catch followed by swordfish, accounting for 2% of the total catch. Bigeye tuna, sailfish and marlin, each accounted for 1% of the total catch each.

The mean number of boats operating per month in the artisanal fishery, during the year 2023 has decreased significantly to a mere 267 boats active per month when compared to a mean of 308 boats active per month during the previous year. The mean number of outboard vessels dropped by 23%, from an average of 184 vessels active per month in 2022 to 150 vessels in 2023. The mean number of schooners and whalers active per month also

recorded decreases of 16% and 6%, respectively, compared to the previous year. Handline fishery continued to be the leading gear type, in 2023, accounting for 78% of the total landings. Encircling gillnets were the second most prevalent gear used, contributing 10% to the total catch. Static traps accounted for 6% of the total catch.

The most important species groups landed during the year 2023 were trevally (36%), jobfish (20%) and emperor red snapper (8%). During the previous year, the artisanal catches were dominated by trevally (33%), Indian mackerel (13%) and jobfish (11%).

During the year 2023, the total fishing effort for handline fishery increase by 40% whilst fishing effort for trap and net fishery decrease by 23% and 28% respectively.

The Catch rate for the handline, trap and net fishery decreased during the year 2023 when compared to same period the previous year.

For the sea cucumber fishery, in the 2022/2023 fishing season, the total landings of sea cucumbers amounted to 230,248 individuals. The Flower teatfish accounted for the majority, with 194,390 individuals (approximately 84.4% of total landings), followed by Prickly redfish at 26,925 (11.7%) and Golden Sandfish at 8,933 (3.9%). This represents a 7.3% decrease in landings of Flower teatfish and a 10.7% decrease for Prickly redfish compared to the 2020/2021 season (see Table 5.1). Data for White Teatfish was not available for the 2022/2023 season, as it was replaced by Golden Sandfish. For the 2022/2023 season, the percentage of the assigned quota reached was 80.4% for Flower teatfish, 59.8% for Prickly redfish, and 8.9% for Golden Sandfish. Over the past decade, total sea cucumber catch has varied, with a peak of 582,411 individuals recorded in the 2012/2013 season and a minimum of 230,248 individuals in the 2022/2023 season, indicating a decline of 20.5% from the previous season (2021/2022).

The lobster fishery catch fluctuates from season to season. The overall lobster catch for the 2023 fishing season was 3.32 MT compared to 2.05 MT in 2021/2022 and 6.14 MT in the 2020/2021 season, representing a 62% increase and 46% decrease, respectively. The highest catch of 6.14 MT was recorded in the 2020/2021 season, whereas the lowest catch of 0.61 MT was recorded in the 2013/2014 season. In the 2023 fishing season, a total of 2.21 MT of *P. penicillatus* was recorded, representing 66.8% of the total catch. For the same period, *P. longipes* contributed to 1.0 MT or 29.6% of the total catch. *P. versicolor* and *P. ornatus* were less abundant, with catches of 0.07 MT (2.2%) and 0.05 MT (1.4%), respectively (Table 6.1, Figure 6A). Snorkelling was the predominant fishing method, accounting for 95% of the total catch.

Introduction

The Seychelles Fisheries Statistical Report is a comprehensive source of information for the commercial fishing industry, fisheries managers, policymakers, and researchers. Since 2014 the report has presented annual updates of fisheries statistics on a bi-annual basis. The report contains data on the volume of production from Seychelles artisanal, semi-industrial, industrial longline and purse seine fishery by vessel type, species, and geographical locations. Profiles of each fishery, summary of data collection and processing procedures are also provided.

In 2024, the Seychelles Fisheries Authority (SFA) upgraded its data processing system for the artisanal fishery. As a result, SFA is currently reprocessing historical artisanal fishery data to produce more refined and disaggregated statistics. This reprocessing is a time-consuming task and will be carried out in phases. Consequently, this report includes only the data for the years 2018 to 2023 that have been processed using the new system. Readers should be aware that the estimates presented in this report may differ from previously published figures.

In this edition, information on sea cucumber and lobster fishery has been included as new sections 5 and 6 respectively. Information on recreational and sport fishery will be included progressively in future editions. As a result, the publication gives only a partial estimate of the total volume of local fishery production.

Readers should note that some figures presented in this bulletin may be different to those previously published because these figures may have been revised following thorough verifications carried out on the data following database upgrading, new data received that were previously missing, revised EEZ shape file used or data validation using VMS data. Also, some of the figures presented may be subject to revision (usually upwards) as more data become available.

Since space is a limiting factor in some tables, flag country appearing in these tables is included based on their total catch. The remaining flags are classified under "OTHERS". Flag countries with only one vessel are automatically placed under "OTHERS" to preserve the confidentiality of data pertaining to the vessel.

Purse Seine Fishery:

Tuna purse seiners started exploratory fishing operation in Seychelles EEZ since the early 1980s. Commercial purse seining activities in the Seychelles EEZ began in 1984 when French and Spanish fleets moved from the tropical Atlantic to the Western Indian Ocean. The main fishing nation involve in purse seining in the WIO were those operating under the European Economic Community Agreement (French and Spanish). Seychelles registered purse seiners started fishing in 1997 and are currently of Spanish ownership.

Traditionally, purse seiners fished over free-swimming schools until the 1990s where changes were introduced to the fishing strategy, with the extensive use of floating objects such as Fish Aggregating Devices (FADs). The composition of species and size resulting from this type of fishing varies considerably in comparison to traditional fishing over free schools, since skipjack is the main catch and there is a higher rate of smaller yellowfin and bigeye. The purse seine tuna fishery targets mostly surface swimming yellowfin and skipjack tuna.

In view of Port Victoria's strategic location in the middle of the tuna fishing grounds, Port Victoria remain the most important tuna transshipment port in the Indian Ocean. Over 90% of catches of purse seiners licensed to fish inside the Seychelles EEZ are transhipped and landed in Port Victoria every year.

Data Collection

Data sources for tuna purse seiners are logbooks, transshipment, well plans and biological sampling. Logbooks are completed by the captains and contains record of the vessel's daily activities submitted to SFA. The logbook must be completed by vessel's captain for each trip undertaken during the period the vessel is registered as a Seychelles Flagged vessels for Seychelles flagged vessels and for the period of license for foreign vessels. All details must be filled in for each activity undertaken daily. Activity includes fishing sets and activities on FAD's, and it must be completed before the boat docks at the end of each trip. When the vessels are not fishing, a blank logbook must be submitted to SFA for the non-fishing period stating reason for not fishing. It must be noted that the supply vessels, vessels assisting the purse seiners during their fishing trip, must also complete a similar logbook and submit to SFA.

Landing and transshipment information can be obtained from either the local representative (agent) of the vessel or the vessel owner. They provide details of unloaded catch for each vessel and each operation.

The well plans contain information on where the catches are stored on the vessel. This is important for the port sampling program.

The multi-species nature of tropical tuna surface fisheries (purse seine) gives rise to a series of difficulties at the time of estimating basic catch by species and catch by size statistics.

Complications are mainly due on one hand to the unreliability of the weight and species composition declared on the logbooks (eye estimate of skippers) and to the tendencies of classifying landings into commercial categories, solely according to the sizes of individual rather than according to both size and species. For example, fish < 5kg often contains small yellowfin and bigeye as well as skipjacks but are often declared as skipjack only. To improve the accuracy of statistics for sound stock assessment, it is essential to implement a tuna-sampling programme. Biological sampling is carried out to simultaneously estimate the species composition (by counting and identifying each species) and the length frequency distribution (by measuring the individuals) of the catch. Using the logbooks and well plans, the fisheries technician decides, depending on established protocol the wells that are suitable for sampling. The criteria are:

- types of association (free schools or FAD's associated schools)
- zone covered, (10 zones),
- season (according to the quarter of the year)
- weight class of individuals (< 5kg, 10 – 30 kg, >30kg etc.)

The wells to be sampled must contain fish that were; caught from the same type of association, same zone, and same season. Furthermore, priorities are set depending on zones and season previously covered. The final decision is then made on site, depending on which vessel or wells being unloaded at that time.

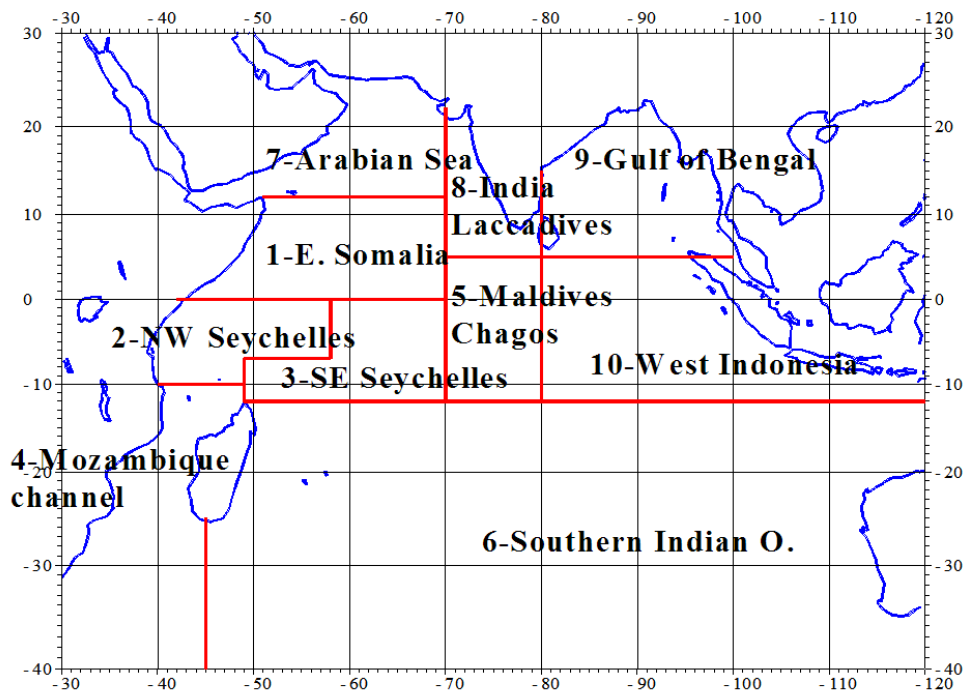
Data Processing

Data management for the purse seine fishery over the past 20 years has been developed through close collaboration with “Institut de Recherche Pour Le Development” (IRD) based in France. Purse seine fishery data are captured and in a specialised software (AVDTH), verified and validated by another specialised software (AKADO2). Following data capture, the data is verified to correct any data entry errors. VMS data are also used to validate activity positions declared on the logbook.

From 2003 to 2020, data were processed using the T3 software, which corrected species composition declared on logbooks, based on sampling data. However, due to technical issues with T3, the system changed in 2021. Since then, logbook data have been extrapolated to total landing and transshipment data. A raising factor is calculated by dividing the total landed/transhipped catches by the catches declared in the logbook per trip. This factor is then applied to the logbook declarations to estimate the total catch by geographical location, but no corrections for species composition are made.

- Readers should note that the *total tuna transhipped in Port Victoria refers to the total volume of fish transhipped from purse seiners to reefers or to containers, whereas “landings” are volume of fish landed in the port for further processing by local companies or for sale.*
- *Vessels covered or active* refer to vessels for which a logbook has been received and processed.

- The total number of vessels licensed and covered may not correspond to the direct summing of number of vessels licensed or vessel covered by countries by month or by year. The reason for this is that a vessel may change licence from one country to another in the same month, hence counted under both countries for that month or year.
- Where a trip is spread over two different years, e.g., December 2022 - January 2023, the catch up to December 2022 will be attributed to the year 2022 and the catch made in January 2023 will be attributed to the year 2023. However, the transshipment/landing will be attributed to the year when that transshipment/ landing occurs. Hence the difference between the total catch for the year and the total catch transhipped/ landed.
- Maps showing the Zones of Indian Ocean for Purse seine fishery



Industrial Longliners Fishery:

Industrial longline fisheries comprise of foreign longline vessels licensed to fish in Seychelles EEZ which started to be issued in the early 80' and Seychelles registered vessels (Taiwanese origin) started operating in 1999. Presently Taiwan Province of China and Seychelles registered fleet are the primary industrial longline fleets licensed to operate in the Seychelles Waters.

The longline gear used by the industrial longliners consists of three basic components: the mainline, the branch line, and the baited hook. All these parts are adaptable for targeting specific species through changes in materials, lengths, and deployment strategies. Using small buoys and float lines to suspend the gear below the surface results in a pelagic longline set that targets large pelagic fishes, such as bigeye (*Thunnus obesus*), yellowfin (*Thunnus albacares*), and albacore (*Thunnus alalunga*), broadbill swordfish (*Xiphias gladius*), and other billfishes.

Data Collection

The main data sources for the longline fishery are logbooks, landings and transshipment declarations and length frequency forms. Those vessels almost never call into port Victoria, and their data are submitted to SFA electronically. Logbooks are distributed by SFA to all longliners either licensed to fish in the Seychelles EEZ or registered in Seychelles. All longliners licensed to fish inside of the Seychelles Exclusive Economic zone is under obligation to submit a logbook to the Seychelles Fisheries Authority for the whole duration of their licensed period. The logbook details their daily catch and effort whilst inside of the Seychelles EEZ and state when they are outside the EEZ or in Port. Seychelles registered vessels are under obligation to submit a logbook detailing their daily activities, catch and effort wherever they operate throughout the validity of their registration period

In addition, a sampling protocol (self-reporting) with aim to collect information on the size distribution of the different species (tuna, billfish, and sharks) caught, to monitor the stock structure relative to time and strata, was set up by SFA in collaboration with Deep-Sea Fisheries of Taiwan in June 2007. The sampling is carried out on Seychelles Flagged vessel by crew members. They measure the first 30 fish per each set hauls and record on a sampling form which is submitted to SFA by email on a weekly basis.

The data recorded are Vessel details, Date, Position, and the measurement for the first 30 fish by species. The measurement type varies by species as follows:

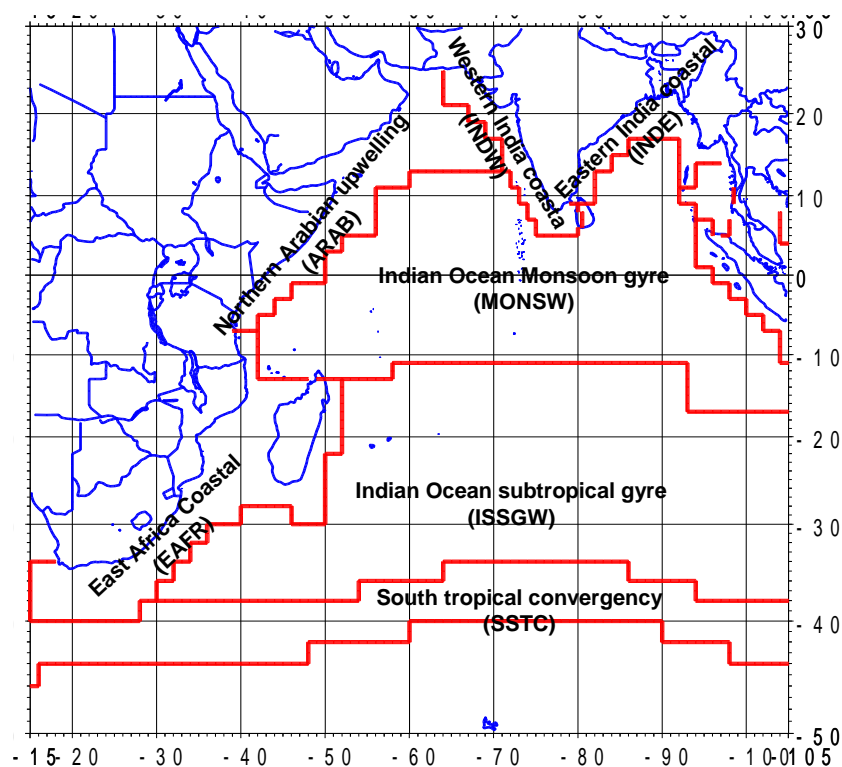
- For Tuna species the Dorsal Fork Length (DFL) are taken
- For swordfish, the Lower maxillary Fork length (LMFL) is recorded
- For Sharks, the total length is recorded

Data Processing

Following data capture, a series of verifications are conducted on the data to exclude all possible data capture errors. Furthermore, the geographical locations of fishing activities

reported data by the skipper is validated using VMS data. With VMS data available, the positions declared on logbook is crosschecked to eliminate data entry errors or to identify positions that that may have been falsify on the logbook. Finally, the data is processed to obtain the final estimated catches for the fishery. The estimated weight of the fish on the logbook is mostly reported for when the fish has been processed on board (e.g., headed, and gutted or gilled). The whole weight of the fish landed is estimated using conversion factor established and approved by the Indian Ocean Tuna Commission.

- For industrial longliners, each month covered in a logbook is considered as one logbook.
- Readers should be aware that the longliners statistics represent only a small sample of longliners activity in the WIO because:
 - Not all longliners in the WIO have a license to fish in the Seychelles EEZ and therefore are under no obligation to report to SFA.
 - Some Distant Water Fishing Nations (DWFN) provide SFA with log sheets covering their activity in the entire Indian Ocean while others confine their report to the Seychelles EEZ only.
- Maps showing the Zones of Indian Ocean for Longline fishery.



Longhurst areas

Semi Industrial Longline Fisheries

The semi-industrial sector comprises of the monofilament longline fishery operating around the Mahe plateaux which started in 1995. On average these vessels remain at sea for a period of 10 days, preserving their catches on ice. This fishery has been developed with the objective of relieving pressure from demersal resources by targeting pelagic fish in deep waters outside the continental plateaux.

The semi-industrial longline gear is used to target large pelagic fishes, such as broadbill swordfish (*Xiphias gladius*), bigeye (*Thunnus obesus*) and yellowfin tuna (*Thunnus albacares*). For trips targeting swordfish and tuna, bycatch (species not targeted but captured) of billfishes (*istiophorid*) such as marlins and sailfish and other species are also caught.

Data Collection

The semi-industrial longline fishery is monitored through a logbook system. Logbooks are distributed by SFA to all skippers of semi-industrial longliners and are collected by fisheries statistical technicians upon the arrivals of the vessel from its fishing trip. The logbook provides most of the fishing trip general information, and the day-by-day catch and effort information. Landing forms from fish processors and fish mongers are also collected for the trips and is used in data processing to obtain the actual catches of the fishery.

Data Processing

Following data capture, a series of verifications are conducted on the data to exclude all possible data capture errors. Furthermore, the geographical locations of fishing activities reported data by the skipper is validated using VMS data. With VMS data available, the positions declared on logbook is crosschecked to eliminate data entry errors or to identify positions that that may have been falsify on the logbook. Finally, the data is processed to obtain the final estimated catches for the fishery. The estimated weight of the fish on the logbook is mostly reported for when the fish has been processed on board (e.g., headed, and gutted or gilled). The whole weight of the fish landed is estimated using conversion factor established and approved by the Indian Ocean Tuna Commission. The estimated catches reported on the logbook is then raised to the total landed catches which provides the final estimated catch for the fishery.

Artisanal Fishery:

The artisanal fishery of the Seychelles is characterized by a wide variety of boats using different gears and catching various species within the Seychelles EEZ. The principal gears used by whalers and schooners are handlines, while the small boats use a multitude of gear combinations, including handlines, traps, encircling gill nets, beach seines and harpoons.

Small boats usually operate within 10 nm of the granitic islands, the ‘inshore’ area, and often in waters adjacent to the vessel mooring and landing sites used. Schooners and whalers target offshore banks and the outer islands, with catches often landed in Port Victoria, Providence Port, or the larger landing sites. Depending on the season and species targeted, whalers may also operate inshore and within or close to the strata where they are based.

All the artisanal fishing vessels target demersal resources such as Lutjanids (snappers), serranids (groupers), lethrinids (capitaines), Scombridae (notably the Indian mackerel), Siganidae (rabbitfish), Lethrinidae (emperors), Sphyrinae (barracuda) and Carangidae (carangues). The catches supply the local market demand including hotels and restaurants and some species such as groupers and snappers are exported.

It is to be noted that there are no discards in the artisanal fishery as the fish that are not sold are used as bait or are kept for own consumption by the fishers.

Data Collection

The artisanal fisheries are monitored by a Catch Assessment Survey (CAS) stratified geographically and by boat and gear type. The system is supplemented by data collection from companies that are involved in processing and export of catches from the artisanal fishery. It must be noted that currently the data does not include catches from sport and recreational fishery.

The primary objective of the CAS is to collect boat activities, catch, effort, and species composition data to enable timely monitoring and assessment of status and trends in the major artisanal fisheries. The main inner granitic islands of Mahé, Praslin and La Digue, where more than 99% of the population resides, are covered by the surveys. Area stratification is the same for all boat types, whereby the three main islands are further divided into seven strata in relation to the location of landing sites, as follows:

- Mahé (4 strata).
 - MNW – Mahé northwest from Baie Ternay to Glacis;
 - MNE – Mahé northeast from La Retraite to Petit Paris;
 - ME – Mahé east from Cascade to Anse Forban;
 - MW – Mahé west from Takamaka to Port Glaud;
- Praslin/La Digue (3 strata);

- PNE – Praslin northeast from Anse Boudin to Consolation;
- PNW – Praslin northwest from Anse Takamaka to Anse Lazio,
- LD – La Digue Island.

Nested within these strata are a total of 39 landing sites. Landing sites are divided into primary and secondary levels depending on the number of boats and catch landed at the site. A wide variety of species are monitored by the CAS and are collected disaggregated by species.

The Enumerators at designated landing sites collect data on:

- Weekly vessel activities: Information of all vessel's activities based at the site are collected through observations at the landing sites and interviews with Fishers present. The vessel activities are collected by vessel registration number, their activity, gear type and targeted species.
- Trip and Effort Details: Trip and effort information are collected through interviews of the fishermen and includes trip dates and time, fishing effort, gear type and number and geographical information.
- Catch sampling data: Catch data are collected by random sampling whereby boat landing their catches at the time the enumerators are present at site. The catch from each boat selected is weighed and recorded by species. If the catch is landed in packets, a maximum of 5 packets per vessel must be weighed for each species-group and the total number of packets must be recorded. In the case of packets with mixed species, the total weight of the packet is recorded, and the enumerators estimate the proportion of each species in the packet. Where catches are landed as single fish, as many fish as possible must be weighed and recorded for each species-group, and the total number of fish is recorded by species. Samples must always be taken in a random manner. For any boat sampled, the enumerator must be present at the landing site so that the totality of the catch for the boat is estimate.
- Economic data: Data on expenses for the trip are collected through interviews with the fishers and sales data are collected at the landing sites or from fishmongers and fish processors.
- Biological data: Length frequency data collected by enumerators are for tuna and tuna-like species only for IOTC reporting obligations. Biological data for other species are collected by SFA research department.

Enumerators work six days a week and receive overtime pay or are scheduled for one day off during the week and on Sunday. Each week, they monitor a total of 39 sites, which include 12 primary and 27 secondary sites. While each enumerator covers one primary site per day, a single enumerator may cover two secondary sites in a day.

Data Processing

Since 2017, the Seychelles Fishing Authority (SFA) has enhanced its data collection system for the artisanal fishery. The Enumerators now use the advanced “Système d’Information Halieutiques” (SIH), developed in collaboration with IFREMER, France, to collect and capture various types of data in a disaggregated format. This upgrade has significantly improved the accuracy and detail of the data collected.

In 2022, the SIH was further upgraded to a web-based version and expanded to include data management for other coastal fisheries, notably sea cucumber and lobster fisheries. The web-based SIH enables enumerators to capture data at landing sites using tablets, allowing the SFA to access the data in real-time. The collected data are stored in the Allegro database, where the latter is verified and validated prior to estimating the total catch for the artisanal fishery.

In 2024, the SFA also upgraded its data processing system to improve estimates of total catch and effort for the artisanal fishery. The revised system includes additional validation procedures and the integration of VMS data to account for fishing trips missed during landing site observations.

The data processing steps involve reconstructing the monthly activity calendar for each vessel using information recorded by technicians on-site and VMS data. Fishing effort and catches are estimated through data extrapolation. Sample catch and effort data are extrapolated to the total reconstructed fishing trips to estimate total catches, effort, and species composition for the artisanal fishery by vessel type, landing site, gear type, and month.

- As a result, SFA is currently reprocessing historical artisanal fishery data to produce more refined and disaggregated statistics. This reprocessing is a time-consuming task and will be carried out in phases. Consequently, this report includes only the data for the years 2018 to 2023 that have been processed using the new system. Readers should be aware that the estimates presented in this report may hence differ from previously published figures.
- This phased approach ensures that the data is meticulously reviewed and updated, providing more accurate and detailed insights into the artisanal fishery.

Sea Cucumber Fishery

Sea cucumber harvesting in Seychelles dates to the early 1800s, but the fisheries remained small scale until the late 1990s, when a rapid increase in catch was observed. The increase in demand and price for “beche-de-mer” (dried body wall) led to an evolution in the fishery from the collector type, where fishers collected on foot in shallow areas, to the use of scuba gears as they moved to deeper areas. The higher value species are White teatfish (*Holothuria fuscogilva*), Black teatfish (*Holothuria nobilis*) and Flower teatfish (*Holothuria* spp. (type “Pentard”). Prior to 1999, the fishery was open to all with no management restrictions in place. Declines in catch raised concerns about potential overexploitation of the resources, prompting the establishment of management measures to regulate the fishery. Regulations have been changed and improved over the last 20 years based on both fisheries dependent and independent stock assessments.

The current management regulations for the fishery include:

- A limit of 25 non-transferable fishing licenses and 4 processing licenses
- 8-9 months open fishing season
- Restrictions to only 3 species allowed to be exploited – For the 2021/2022 fishing season the species were, Flower teatfish, White teatfish and Pricky redfish (*Thelenota ananas*)
- A Total Allowable Catch (TAC) – the quota for the 2021/2022 fishing season were 253,125 pieces for flower teatfish, 56,250 pieces for white teatfish and 37,500 pieces for prickly redfish

Licensed vessels are required according to their license conditions to adhere to these regulations and to provide catch and effort data to the SFA. Catches are sold to licensed processors where the sea cucumbers are prepared for exportation. Majority of the processed sea cucumber is sold to foreign markets.

Data Collection

Catch and effort data is collected through paper logbooks that are distributed to skippers during the vessel departure inspection at the beginning of a fishing trip and collected during the landing inspection at the end of the fishing trip. Training is given on how to fill the logbooks at the opening of each fishing season and whenever there are change in skippers. Scuba diving is the only fishing method currently being used to collect sea cucumbers. Following a dive, the logbook needs to be filled out with the following information,

- Diving date
- Fishing site either using GPS position or the fishing grid provided by SFA
- Start and end diving time
- Number of divers
- Depths

- Dive time for each diver
- Catch in numbers of individual species.

Landings catch data is also collected during routine inspection carried out by MCS officers whenever a vessel is offloading. The data includes catch in numbers and in weight by species.

Data Processing

For the 2021/2022 fishing season, data collected from paper logbooks were captured partially in an access database and the SIH-OBSDEB database by the Fisheries Research Department.

Following data capture, the data is verified to ensure that any data entry errors are corrected. The MCS officers record the landings data in an excel spreadsheet. The complete paper logbook data for the previous five fishing seasons is currently unavailable due to a problem with the SIH-OBSDEB database download protocol. All catch data presented in this report is based on landings data.

Lobster Fishery

The Seychelles artisanal spiny lobster fishery targets shallow water lobster stocks around the main granitic islands. Locally, there are four species being exploited, notably, Pronghorn spiny lobster (*Panulirus penicillatus*), Long-legged spiny lobster (*Panulirus longipes*), Painted spiny lobster (*Panulirus versicolor*), and Ornate spiny lobster (*Panulirus ornatus*).

Data Collection

During the lobster fishing season data are collected from fishermen operating on Mahé, Praslin and La Digue through two main sources:

- a) **Fisher Catch and Effort log (FCEL):** Each licensed fishermen is given a logbook to record information on their fishing activities. Information collected included information on catch, effort, and fishing location.
- b) **Sampled Catch and Effort log (SCEL):** SFA research technicians sampled the landed catch directly whenever possible. Information on the species caught, weight and carapace length measures are collected. Interviews are also conducted to determine total effort and fishing location.

The lobster fishery operates on a seasonal and licensed basis; typically, the open season usually last for 3 months (December to March), however, the season length can vary depending on the state of the fishery. The 2021/2022 fishing season was opened for a period of 4 months from the 21st of December 2020 to the 20th April 2021(inclusive of a 1 month extension). A total of 16 licenses were on offer, among which 13 were on Mahe, 2 for Praslin and 1 from La Digue. Since 2011 a compliance bond of SCR5000 was introduced to ensure that licence holders comply to the license conditions such as the submission of all their logbooks at the end of the fishing season.

Fishing activity is carried out from dusk around 6pm to dawn 5am, by 2 to 4 fisherman using outboard engine vessel (often Mini Mahé). The permitted method of fishing in this fishery includes snorkelling, scuba dive and bamboo traps.

Data Processing

The collected data is captured in an access database and following capture the data is verified to correct any data entry errors. The information collected from the FCEL and the SCEL were crosschecked to determine the number of lobsters not sampled for each fishing trip. The average weight for each species was derived from the total weight and total number of lobsters (per species) recorded from the SCEL. The weight of lobsters not sampled for each fishing trip was estimated by raising the average weight of each species to the total number of that species caught. The total catch of lobsters was derived from the sum of weights of lobsters from the SCEL and the total sum of the raised weight of lobsters not sampled. The total effort was based on the total number of fishing trips undertaken. The catch per unit effort (CPUE) was calculated from the total catch in kg and the total effort.

Definitions of terms used

TERMS	DEFINITION
EEZ	Exclusive Economic Zone
WIO	Western Indian Ocean
NEI	Not elsewhere included
VESSELS LICENSED	Vessels licensed to fish in the Seychelles EEZ.
VESSELS COVERED	Vessels for which a logbook has been received containing at least one fishing day during the month; or a vessel that is not fishing yet the SFA knows of its activities.
FISHING DAYS	Days spent at sea minus days on passage, days adrift due to mechanical breakdown or other work stoppage. This may include days spent in searching even if no fish was caught or days spent drifting.
CATCH	MT - Metric Tonne (1000 kg)
CATCH RATE	Total Catch per fishing effort.
TRANSSHIPMENT	Generally, the transfer of tuna fish from a catcher vessel to a 'reefer' or cargo vessel. This normally takes place in port.
LANDING	This also includes fish landed in Port Victoria, Seychelles for the IOT canning factory. Most of this is subsequently re-exported.
COUNTRY OF REGISTRATION	Country in which ownership of the vessel is registered.
FLAG	Country and agreement under which the vessel is managed.

Purse Seine Fishery



1. SUMMARY OF PURSE SEINE FISHERY

1.1. *Vessels Licensed and Active*

- The total number of Purse seiners licensed to fish inside the Seychelles EEZ increased from 39 vessels in 2013 to reach 49 vessels licensed in the year 2015. This was followed by a decline to 44 vessels in 2018. Since then, there has been a positive trend, with the number increasing to 48 vessels licensed in 2022. (table1.2).
- In the year 2023, 47 purse seiners were licensed to fish in the Seychelles EEZ (table 1.2A) out of which 13 where Seychelles flagged vessels, 26 vessels were licensed under the SFPA (EU) agreement, 4 vessels were operating under a fishing agreement with Mauritius and 4 vessels were operating under a private fishing agreement.
- During the year 2023, the number of supply vessels licensed to operate inside the Seychelles EEZ remain at 12 vessels licensed, out of which 6 vessels were licensed under SFPA (EU) Agreement, 3 supply vessels were licensed under Seychelles flag and 3 vessels were operating under private agreements.
- The total number of purse seiners active shows similar historical trend to the number of vessels licensed over the last 10 years (table 1.2B).
- On average 42 and 41 vessels were active per month during the year 2023 and 2022 respectively (table 1.2C). Notably, there is a tendency for the number of active vessels to decrease in the final quarter of the year. This reduction is primarily due to some vessels having already met their yellowfin tuna quotas, prompting them to cease fishing activities before the end of the year.

1.2. *Fishing Effort, Catches and Catch Rate in WIO*

- An analysis of the catch trends by purse seiners licensed to fish in Seychelles waters over the past decade shows a gradual increase from 277,879 MT in 2013, reaching a peak of 439,831 MT in 2018 (figure 1A). This peak was followed by a decline, with catches decreasing to 353,675 MT by 2020. In 2021, there was a significant rebound, with catches rising by 17% to an estimated 412,922 MT.
- The fishing effort, in term of fishing days, has been increasing steadily from 10,184 fishing days in 2013 to reach a peak of 13,825 fishing days in 2016 (figure 1B). The fishing effort subsequently decreased to reach 9,579 fishing days in 2022.
- The CPUE shows an increasing trend from 2015 from 22.71 MT/fishing days to reach 42.70 MT/fishing day in 2021 (table 1.3 and figure 1C).
- According to 100% logbook data received by the SFA, the total catch in the Western Indian Ocean by purse seiners licensed to fish within the Seychelles EEZ for 2023 is estimated at 373,123 MT. This marks a 7% decrease from the 403,269 MT reported in

2022 (table 1.3B). Despite this decline, there was an 18% increase in fishing effort, rising from an estimated 9,579 fishing days in 2022 to 11,327 fishing days in 2023. Consequently, the mean catch rate (CPUE) dropped from 42.10 MT/fishing day in 2021 to 32.94 MT/fishing day in 2023

- The purse seine tuna catches in the Western Indian Ocean during the first semester of the year 2023 was estimated at 210,354 MT representing an 8% increase in catches over the same period in 2022. This was achieved from a fishing effort of 5,646 fishing days thus giving a mean catch rate of 37.26 MT/ fishing day (table 1.3). The total catch during the first semester of 2022 is estimated at 195,183 MT achieved from a fishing effort of 5,124 fishing days with a mean catch rate of 38.09 MT/ fishing day.
- During the second semester of the year 2023, the total catch is estimated at 162,768 MT, achieved from a fishing effort of 5,681 fishing days, compared to the 208,086 MT of catches reported during the same period, the previous year. The fishing effort for the second semester of the year 2022 was estimated at 4,455 fishing days. The catch rate for the second semester decreased from 46.71 MT/ fishing day in the year 2022 to 28.65 MT/ fishing day in the year 2023.
- In summary increased efforts in the first half of the year led to higher catches, while the second half saw a notable decline in total catches despite increased in fishing days.

1.2.1. Fishing Effort, Catches and Catch Rate in WIO by Fleet

- In 2023, the Spanish fleet continued to dominate the purse seine catches in the Western Indian Ocean (WIO), accounting for 36% of the total catch. This is a slight decrease from the previous year, where the Spanish fleet accounted for 37% of the total catch. The Seychelles fleet followed, contributing 32% of the total catch, which is an increase from 30% in 2022. The French fleet accounted for 16% of the total catch, a slight decrease from 17% in the previous year. Additionally, vessels operating under private agreements made up 13% of the total catches in 2023 highlighting the growing contributions of vessels operating under private agreement over the last 2 years.
- In 2023, the Spanish fleet reported a total catch of 135,866 metric tons (MT), which is an 8% decrease from the 147,341 MT caught in the previous year. This decline occurred despite a 15% increase in fishing effort, with the fleet spending 3,764 fishing days at sea. Consequently, the catch rate for the Spanish fleet dropped to 36.09 MT/fishing day in 2023, down from 45.03 MT/fishing day in 2022.
- The total catch for the Seychelles fleet for the year 2023 is estimated at 121,200 MT similar the previous year estimated at 120,642 MT despite a significant increase of 27% in fishing effort. The latter increased from 2,934 fishing days in 2022 to 3,727 fishing days in 2023. The catch rate for the Seychelles fleet decreased from 41.12 MT/ fishing days in 2021 to 32.52 MT/ fishing day in 2023 (table 1.3B).
- The estimated catch for the French fleet decreased by 11% in 2023 from the previous year. A total catch of 61,337 MT was reported to have been caught by the French purse

seiners in 2023 compared to a total catch of 68,686 MT recorded the previous year (table 1.3D). The fishing effort for the French fleet increased by 15% from 1,783 fishing days in 2022 to 2,054 fishing days in 2023. The catch rate also decreased from 38.52 MT/ fishing day in 2022 to 29.86 MT/ fishing day in the year 2023.

- In 2023, vessels flagged under Mauritius, Italy, South Korea, Tanzania, and Oman reported a combined total catch of 54,721 metric tons (MT). This catch was achieved with a fishing effort of 1,781 fishing days, resulting in a mean catch rate of 30.73 MT/fishing day. This represents an 18% decrease in total catches compared to the previous year, despite a 12% increase in fishing effort. In 2022, these vessels reported a total catch of 66,600 MT from 1,590 fishing days, with a higher mean catch rate of 41.89 MT/fishing day (table 1.3E).
- Overall, all fleets experienced a decrease in total catches in 2023 despite an increase in fishing effort. Consequently, all fleets had a lower catch rate compared to the previous year.

1.3. Species Composition of Catches in WIO

- Figure 1J illustrates the trends in species caught by purse seiners licensed to fish within the Seychelles EEZ. Historically, skipjack tuna has been the predominant species in the purse seine catches in the Western Indian Ocean (see table 1.3). However, from 2012 to 2015, yellowfin tuna overtook skipjack as the most commonly caught species. Following the implementation of the yellowfin quota in the Indian Ocean in 2017, the purse seine tuna fishery has shifted back to primarily targeting skipjack tuna.
- During the year 2023, skipjack tuna dominated the total purse seine catches, accounting for 61% of the total catch followed by yellowfin tuna representing 29% of the total catch, whilst bigeye tuna made up only 9% of the total catch similar to the previous year .
- In 2023, skipjack tuna catches decreased by 6% from 241,903 MT in 2022 to an estimated total catch of 226,495 MT. The total yellowfin catches were estimated at 106,605 MT, 12% lower than the 120,801 MT reported for the previous year. Bigeye tuna catches decreased by 10%, from 36,362 MT in 2022 to 32,851 MT in 2023.
- It must be noted that since year 2021, the species composition reported by the vessels captain on logbooks were not corrected using port sampling species composition data due to technical issues with the data processing software. This may explain the high increase in bigeye tuna catches when compared to previous years.

1.4. Catch by School Type

- Trend analysis of the catch by school type, over the last 10 years shows that purse seiners licensed to fish inside the Seychelles EEZ reported to have fished more on FAD's associated school which accounted for an average of 84% of the total catches per year (table 1.5A and figure 1G).

- In 2023, a total of 319,009 MT of tuna were caught on FAD's associated school representing 85% of the total catch and 46,039 MT or 12% of the total catch was caught on free swimming school. During the previous year, 81% or 325,737 MT of catches were reported to have been caught on FAD's associated schools whilst 19% or 76,153 MT of the catches were reported to have been caught on free swimming school. This represents a 2% decrease in catches on FAD's associated school and a remarkable 40% decrease in catches on free swimming school.
- Species wise, 66% of the catch on FAD's associated school were skipjack tuna, 24% were yellowfin tuna and 8% were bigeye tuna in the year 2023, similar to that of the previous year. Catches on free swimming schools were dominated by yellowfin tuna representing 58% of the total catch whilst skipjack and bigeye tuna accounted for 27% and 15% of the catches on free swimming schools respectively in 2023. During 2022, yellowfin tuna accounted for 52% of the total catch whilst skipjack and bigeye tuna accounted for 42% and 6% of the total catches on free swimming schools respectively.

1.5. Activity inside the Seychelles EEZ

- An analysis of the purse seine fishery trends within the Seychelles EEZ over the past decade reveals a significant upward trend. Starting from an estimated catch of 36,013 metric tons (MT) in 2013, the catch volume oscillated upward, reaching a peak of 95,668 MT in 2020. However, this peak was followed by a sharp 56% decline in 2021, with catches dropping to 42,082 MT. Remarkably, in 2022, the purse seine fishery in the Seychelles EEZ experienced an extraordinary rebound, with catches increasing to a record 113,566 MT corresponding to an increase of 88% in fishing effort. This represents a remarkable 170% increase from the previous year's total. This catch volume is the highest reported within the Seychelles EEZ over the past 20 years, highlighting a significant statistic for the fishery (figure 1D).
- The fishing effort fluctuated with an upward trend from the year 2013 to reach a peak of 4,740 fishing days in 2016 (figure 1E) followed by a subsequent declining trend to a mere 1,579 fishing days in the year 2021. In 2022, fishing effort increased by 88% to reach 2,972 fishing days. Consequently, the CPUE analysis shows a downward trend from 16.50 MT/fishing day in 2013 to a dip of 15.70 MT/ fishing day in 2014 followed by an increasing trend to 32.85 MT/ fishing day in 2019. This was followed by a decrease to reach 26.84 in 2021. CPUE increased to a remarkable 38.22 MT/fishing day in 2022, also the highest recorded in the Seychelles EEZ over the past 20 years. (figure 1F).
- In 2023, the total catch inside of the Seychelles EEZ was estimated to be 69,261 MT, representing a decrease of 39% from the record catch of 113,566 MT reported for the year 2022. The catch was achieved from a slight decrease of 5% in fishing effort from 2,972 fishing day in 2022 to 2,836 fishing days in 2023. The mean catch rate for 2023 within the Seychelles EEZ was 24.42 MT/ fishing day, a notable decline from the 38.22 MT/fishing day recorded in 2022. (table 1.4).

- The purse seine tuna catch reported inside the Seychelles EEZ during the first semester of 2023 is estimated at 43,191 MT (table 1.4A) achieved from a fishing effort of 1,504 fishing days, thus giving a mean catch rate of 28.72 MT/ fishing day. This represents a decrease of 43% and 22% in both catches and fishing effort over the same period, the previous year (table 1.4A). During the first semester of 2022, the purse seine tuna catches reported inside the Seychelles EEZ was estimated at 76,206 MT (table 1.4A) achieved from a fishing effort of 1,937 fishing days, thus giving a mean catch rate of 39.33 MT/ fishing day (table 1.4A).
- During the second semester of the year 2023, a total of 26,070 MT of tuna were reported to have been caught by purse seiners inside the Seychelles EEZ obtain from a fishing effort of 1,332 fishing days, thus giving a mean catch rate of 19.57 MT/ fishing day. This represents a decrease of 30 % in total catch from 37,360 MT of catches reported during the second semester of 2022 attributed to a 29% increase in fishing effort.
- In summary significant decreases in total catches with varying decrease in fishing effort were observed across both semesters in 2023 in comparison to the previous year.
- In contrast, during the previous year, the highest catch was also in March, with an estimated 32,320 MT. However, the highest catch rate in 2022 was observed in October, at 55.73 MT/fishing day.

1.5.1. Activity inside the Seychelles EEZ by Fleet

- During the year 2023, the Spanish fleet accounted for 34% of the catches in the Seychelles EEZ, compared to 36% during the previous year. The French and Seychelles Fleet accounted for 27% and 21% respectively. During the previous year the French and Seychelles fleet accounted for 23% and 24% of the Seychelles EEZ catches respectively.
- In 2023, the Spanish fleet reported catches inside of the Seychelles EEZ decrease by 43% despite only a 13% decrease in fishing effort when compared to the previous year. The estimated catch reported by the Spanish fleet inside the Seychelles EEZ in 2023 is estimated at 23,684 MT with a mean catch rate of 27.68 MT/fishing day compared to a total estimated catch of 41,311 MT and a mean catch rate of 42.11 MT/fishing day in 2022 (table 1.4C).
- The French fleet reported a total catch of 18,689 MT inside the Seychelles EEZ achieved from a total effort of 732 fishing days during the year 2023, (table 1.4 D). This represents a decrease of 29% in catches despite a 5% increase in fishing effort inside the Seychelles EEZ thus giving lower mean catch rate of 25.54 MT/fishing day compared to 38.11 MT/fishing day estimated for the previous year.

1.6. Statistics of Seychelles Flagged Vessels

- Trend analysis of the Seychelles flagged purse seine catches over the last 10 years shows a gradual increase since 2013 from 57,324 MT to reach a peak of 123,310 MT in 2018 and has subsequently fluctuated to an average of 117,915 Mt per year over the last 5 years. The fishing effort has increased steadily from 1,809 fishing days in the year 2013 to reach a peak of 4,092 fishing days in 2016. A decreasing trend was observed from 2016 to 2018 and has since then fluctuate between 2,922 to 3,221 fishing days. The CPUE oscillated between 26.55 MT/ fishing day and 44.25 MT/ fishing day between year 2013 to 2018 and has since then fluctuated to an average of 37.52 MT/ fishing day over the past 5 years .
- In 2023, Seychelles-flagged purse seiners reported a total catch of 121,200 metric tons (MT) in the Western Indian Ocean (WIO), achieved over 3,727 fishing days, resulting in a mean catch rate of 32.52 MT per fishing day. While the total catch remained nearly the same as the previous year's 120,642 MT, the fishing effort increased by 27%. In 2022, the Seychelles purse seine fleet achieved their catch over 2,934 fishing days, with a higher mean catch rate of 41.12 MT per fishing day (table 1.3B).
- The catches of the Seychelles purse seine fleet inside the Seychelles EEZ in 2023 is estimated at 14,326 MT compared to 26,692 MT during the previous year. This represents a decrease of 46% in catches corresponding to a decrease of 13% in fishing effort (table 1.4B). The mean catch rate for the Seychelles fleet inside the Seychelles EEZ is estimated at 19.75 MT/ fishing day and 31.86 MT/ fishing day in 2023 and 2022 respectively (table 1.4B).
- In 2023, the Seychelles purse seine fleet reported that 67% of their total catches were made on the high seas, while 12% were caught within the Seychelles Exclusive Economic Zone (EEZ). The remaining 21% of the catches were made in the EEZs of other countries. Comparatively, in the previous year, 71% of the Seychelles fleet's catches were made on the high seas, and 22% were caught within the Seychelles EEZ. This indicates a shift in fishing locations, with a decrease in the proportion of catches from the high seas and the Seychelles EEZ, and an increase in catches from foreign EEZs.

1.7. Purse seine statistics by Access Regime

- In 2023, purse seiners licensed to operate inside of the Seychelles EEZ were operating under the National or Seychelles flag licences, Sustainable Fisheries Partnership Agreement between the European Union (EU) and the Seychelles hereafter referred to as the EU agreement and under private agreement with South Korea, Mauritius, Oman and Tanzania hereafter group as 'Others'.
- In 2023, vessels operating under the EU agreement reported a total catch of 45,516 metric tons (MT) within the Seychelles EEZ, accounting for 66% of the total reported catch in this area. This represents a 35% decrease from the 69,888 MT reported in 2022. The fishing effort for these vessels in 2023 amounted to 1,717 fishing days, resulting in a mean catch rate of 26.51 MT per fishing day. In comparison, a slightly higher fishing effort of 1,745 fishing days were reported during the previous year, with a mean catch rate of 40.05 MT per fishing day (table 1.6). This highlights a significant reduction in

total catch for vessels under the EU agreement in 2023, despite a relatively stable level of fishing effort.

- Vessels operating under other agreements reported a total catch of 9,418 metric tons (MT) within the Seychelles EEZ in 2023. This represents a significant 45% decrease compared to the previous year's catch of 16,987 MT. Despite this reduction in total catch, there was a slight 1% increase in fishing effort, with 394 fishing days in 2023 compared to 389 fishing days in 2022. Consequently, the mean catch rate for these vessels also recorded a notable decline, dropping from 43.68 MT per fishing day in 2022 to 23.90 MT per fishing day in 2023. In terms of contribution to the overall catch within the Seychelles EEZ, vessels under other agreements accounted for only 14% of the total catch in the Seychelles EEZ in 2023.

1.8. Landing and Transshipment Statistics

Readers should be aware that the figures presented in this report for landings and transshipments may differ slightly from previously published data. This is due to updates that include revised discards and bycatch data reported during unloading. However, the Seychelles Fishing Authority (SFA) cannot publish discards and bycatch data disaggregated by species during unloading, nor discards recorded in logbooks, as this information is not yet consistently provided by all vessels. It is important to note that in previous years, some vessels reported both bycatch and discards under the category of "discards." Since 2022, most vessels have started reporting bycatch and discards separately. Therefore, figures for bycatch and discards are not directly comparable to those from previous years

- Time series analysis of landing and transshipment in Port Victoria shows an increasing trend from 233,574 MT in 2013 to reach a peak of 426,981 MT in 2018, which was then followed by a decreasing trend to reach 336,384 MT in 2020 (table 1.7 and figure 1K). Landing and transshipment increased by 16 % to reach a total of 389,542 MT in 2021, followed by a 4% decrease in 2022 to reach a total of 373,395MT of tuna unloaded through port Victoria.
- Like previous years, Port Victoria remained the principal port for tuna transshipment and landing by purse seiners in the WIO during the year 2023. A total of 347,367 MT of tuna was unloaded through port Victoria compared to 373,395 MT in 2022. This represents 92% of the total landing and transshipment for that year (figure 1L) and a 7% decrease from the previous year.
- In the year 2023, a total catch of 286,762 MT or 83% of total purse seine catches unloaded in Port Victoria were transhipped onto reefers or into containers for export whilst the remaining 17% or 60,605 MT of tuna were landed in Port Victoria for local processing or sale (table 1.9). In 2022, a total of 315,293 MT of tuna were transhipped and 57,926 MT were landed in Port Victoria. These represent decrease of 9% in transshipment and slight decrease of 5% in landings in port Victoria respectively during the year 2023 when compared to the previous year excluding discards.

- Out of the 286,762 MT of tuna transhipped in Port Victoria, 46% or 131,104 MT were transhipped onto reefer vessels whilst 54% or 155,658 MT were transhipped into containers for export excluding discards (table 1.9). This represents decrease of 11% of tuna transhipped via containers and a decrease of 6% of tuna transhipped via reefer vessels respectively when compared to the previous year. In 2022 a total of 139,773 MT or 44% of total tuna transhipped were by reefer vessels and 56% or 175,520 MT of tuna were transhipped into containers excluding discards.
- Analysis of catch landed/transhipped in port Victoria by fleet shows that historically, the Spanish fleet dominated tuna unloading in Port Victoria. In 2023 the Spanish fleet landed and transhipped a total of 131,237 MT of tuna in port Victoria representing 38% of the total catch unloaded in Port Victoria during that year whilst the French and Seychelles fleet accounted for 12% (or 41,798 MT) and 32% (or 112,129 MT) respectively (table 1.8). During the previous year, the Spanish fleet accounted for 37% (or 139,963 MT) of landing and transhipment in Port Victoria whilst the French and Seychelles fleet accounted for 16% (or 59,195 MT) and 31% (or 114,239 MT) respectively.
- It is important to note that bycatch and discards made up 2% and 1% of the total catch unloaded in Port Victoria for the years 2023 and 2022, respectively. The estimated total volume of bycatch unloaded in Port Victoria was 7,685 metric tons (MT) in 2023 and 3,723 MT in 2022. Discards were estimated at 303 MT in 2023 and 176 MT in 2022. Readers should be aware that in previous years, bycatch may have been reported under “Mixed species” along with tuna species not classified elsewhere

1.9. Fishing Ground

- Map 1A and 1B show the distribution of reported catch of purse seiner by 1^o square in the WIO for the years 2022 and 2023 respectively. Map 1C and 1D shows the distribution of reported catch of purse seiner by 1^o square in the WIO for the 1st Semester of 2022 and 2023 respectively whilst maps 1E and 1F show the distribution of reported catch of purse seiner by 1^o square in the WIO for the 2nd Semester of 2022 and 2023 respectively.
- Maps 1B shows a decreased in total catches in the NW and SE Seychelles area, a decrease in yellowfin catches in the Seychelles area with an increase in catches in the Arabian Sea area and in the Mozambique channel in 2023 when compared to that of the previous year (Map 1A).
- Maps 1D shows increased catches in the Arabian sea, NW Seychelles and Mozambique Channel area with decreased catches in the SE Seychelles area during the first semester of 2023 when compared to the same period in 2022 (Map 1C).
- Maps 1F increased catches in the Arabian sea, NW Seychelles and Mozambique Channel area with decreased catches in the SE Seychelles and E. Somalia area during the second semester of 2023 when compared to the same period in 2022 (map 1E).

TABLE 1.2. Purse Seiners and Supply Vessels Holding Licenses by Country of Registration by Year

(Database Closed on 03/06/2024)

Vessel Type: Purse Seiners

Years: 2013 - 2023

Access Regime	Country	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
National	Seychelles	7	11	13	13	13	13	13	13	13	13	13
National Total		7	11	13	13	13	13	13	13	13	13	13
EU	Spain	14	15	17	16	14	14	15	15	16	16	14
	France	8	13	13	12	12	12	12	11	11	11	11
	Italy			1	1	1	1	1	1	1	1	1
EU Total		22	28	31	29	27	27	28	27	28	28	26
Others	Mauritius	2	2	2	2	2	2	3	3	3	4	4
	Mayotte	5										
	Korea, South	3	4	5	5	4	2	2	2	2	2	2
	Tanzania, United Republic of										1	1
	Oman										1	1
Others Total		10	6	7	7	6	4	5	5	5	8	8
		39	44	49	49	46	44	45	45	46	48	47

* Number of Vessels change of flag	1	2						1			1	
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Vessel Type: Supply Vessels

Years: 2013 - 2023

Access Regime	Country	2013	2014	2015	2016	2017	Year 2018	2019	2020	2021	2022	2023
National	Seychelles	4	6	7	9	8	7	6	5	4	4	3
National Total		4	6	7	9	8	7	6	5	4	4	3
EU	Spain	6	10	11	11	11	11	6	6	5	4	4
	France				1	1	2	2	3	2	2	2
	Italy						1	1				
EU Total		6	10	11	12	12	14	9	9	7	6	6
Others	Korea					1	1	1	1	1	1	1
	Mauritius			1	1	1	1	1	1	1	1	1
	Tanzania, United Republic of										1	1
Others Total		0	0	1	1	2	2	2	2	2	3	3
	Annual Total	10	16	19	22	22	22	17	16	13	12	12

* Number of Vessels change of flag							1					1
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TABLE 1.2A. Purse Seiners Holding Licenses by Country of Registration

(Database Closed on 03/06/2024)

Year: 2022

Month	Seychelles	Spain	France	Italy	Korea	Mauritius	Tanzania	Oman	Total
Jan	13	16	11	1	2	3	0	0	46
Feb	13	16	11	1	2	3	0	0	46
Mar	13	15	10	1	2	3	1	0	45
Apr	13	15	10	1	2	3	1	0	45
May	13	15	10	1	2	3	1	0	45
Jun	13	15	10	1	2	3	1	0	45
Jul	13	15	10	1	2	3	1	1	46
Aug	13	15	10	1	2	3	1	1	46
Sep	13	15	10	1	2	3	1	1	46
Oct	13	15	10	1	2	4	1	1	47
Nov	13	14	10	1	2	4	1	1	46
Dec	13	14	10	1	2	4	1	1	46
Year Average	13	15	10	1	2	3	1	1	46
Quarter 1	13	16	11	1	2	3	1	0	46
Quarter 2	13	15	10	1	2	3	1	0	45
Quarter 3	13	15	10	1	2	3	1	1	46
Quarter 4	13	14	10	1	2	4	1	1	46
First Semester	13	15	10	1	2	3	1	0	45
Second Semester	13	15	10	1	2	4	1	1	46

Year: 2023

Month	Seychelles	Spain	France	Italy	Korea	Mauritius	Tanzania	Oman	Total
Jan	13	13	10	1	2	4	1	1	45
Feb	13	14	11	1	2	4	1	1	47
Mar	13	14	11	1	2	4	1	1	47
Apr	13	14	11	1	2	4	1	1	47
May	13	14	11	1	2	1	1	1	44
Jun	13	14	11	1	2	1	1	1	44
Jul	13	14	11	1	2	1	1	1	44
Aug	13	14	11	1	2	1	1	1	44
Sep	13	14	11	1	2	1	1	1	44
Oct	13	14	11	1	2	1	1	1	44
Nov	13	14	11	1	2	1	1	1	44
Dec	13	14	11	1	2	1	1	1	44
Year Average	13	14	11	1	2	2	1	1	45
Quarter 1	13	14	11	1	2	4	1	1	46
Quarter 2	13	14	11	1	2	2	1	1	45
Quarter 3	13	14	11	1	2	1	1	1	44
Quarter 4	13	14	11	1	2	1	1	1	44
First Semester	13	14	11	1	2	3	1	1	46
Second Semester	13	14	11	1	2	1	1	1	44

TABLE 1.2B. Purse Seiners Active by Country of Registration by year

(Database Closed on 03/06/2024)

Years: 2013 - 2023

Access Regime	Country	Year										
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
National	Seychelles	7	10	13	13	13	13	13	13	13	13	13
National Total		7	10	13	13	13	13	13	13	13	13	13
EU	Spain	14	15	17	14	14	14	15	15	16	15	13
	France	8	13	12	12	12	12	12	10	11	10	11
	Italy			1	1	1	1	1	1	1	1	1
EU Total		22	28	30	27	27	27	28	26	28	26	25
Others	Mauritius	1	2	2	2	2	2	3	3	3	4	4
	Mayotte	5										
	Korea	3	4	5	5	3	2	2	2	2	2	2
	Tanzania, United Republic of										1	1
	Oman										1	1
Others Total		9	6	7	7	5	4	5	5	5	8	8
	Annual Total	38	43	49	47	45	44	45	44	46	47	46

TABLE 1.2C. Purse Seiners Active by Country of Registration

(Database Closed on 03/06/2024)

Year: 2022

Month	Seychelles	Spain	France	Italy	Korea	Mauritius	Tanzania	Oman	Total
Jan	12	13	10	1	2	3	0	0	41
Feb	13	14	10	1	2	3	0	0	43
Mar	13	15	10	1	2	2	1	0	44
Apr	13	14	10	1	2	3	1	0	44
May	12	12	8	1	2	3	1	0	39
Jun	12	10	10	0	2	3	1	0	38
Jul	12	14	10	0	2	3	1	1	43
Aug	13	15	10	1	2	3	1	1	46
Sep	12	15	10	1	1	3	1	1	44
Oct	13	14	10	1	2	4	1	1	46
Nov	9	9	9	1	2	3	1	1	35
Dec	4	9	9	1	2	3	1	1	30
Year Average	12	13	10	1	2	3	1	1	41
Quarter 1	13	14	10	1	2	3	1	0	43
Quarter 2	12	12	9	1	2	3	1	0	40
Quarter 3	12	15	10	1	2	3	1	1	44
Quarter 4	9	11	9	1	2	3	1	1	37
First Semester	13	13	10	1	2	3	1	0	42
Second Semester	11	13	10	1	2	3	1	1	41

Year: 2023

Month	Seychelles	Spain	France	Italy	Korea	Mauritius	Tanzania	Oman	Total
Jan	12	13	10	1	2	4	1	1	44
Feb	12	13	10	1	2	4	1	1	44
Mar	12	13	10	1	2	3	1	1	43
Apr	13	13	10	1	2	4	1	1	45
May	12	12	9	1	2	1	1	1	39
Jun	12	12	10	1	2	1	1	1	40
Jul	13	13	9	1	2	1	1	1	41
Aug	13	13	10	1	2	1	1	1	42
Sep	13	13	9	1	2	1	1	1	41
Oct	13	12	8	1	2	1	1	1	39
Nov	13	13	9	1	2	0	1	1	40
Dec	13	13	10	1	2	0	1	1	41
Year Average	13	13	10	1	2	2	1	1	42
Quarter 1	12	13	10	1	2	4	1	1	44
Quarter 2	12	12	10	1	2	2	1	1	41
Quarter 3	13	13	9	1	2	1	1	1	41
Quarter 4	13	13	9	1	2	1	1	1	40
First Semester	12	13	10	1	2	3	1	1	43
Second Semester	13	13	9	1	2	1	1	1	41

TABLE 1.3 Time Series of Catch, Effort and Catch Rate Statistics for Purse Seiners in the WIO

(Database Closed on 03/06/2024)

Country: ALL

Semester 1, Years: 2013 - 2023

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2013	4,802	25.87	60,320	49	51,469	41	11,933	10	351	0	131	0	124,204
2014	5,674	24.23	68,865	50	57,157	42	11,165	8	268	0	39	0	137,494
2015	5,977	24.84	74,033	50	57,523	39	16,386	11	413	0	119	0	148,473
2016	6,823	23.07	68,709	44	78,815	50	9,509	6	348	0	45	0	157,426
2017	6,356	29.47	84,484	45	83,129	44	19,047	10	433	0	216	0	187,309
2018	5,744	41.04	73,335	31	146,489	62	14,339	6	46	0	1,525	1	235,734
2019	5,256	38.15	69,559	35	115,216	57	15,115	8	116	0	478	0	200,485
2020	5,662	29.06	53,928	33	102,736	62	6,515	4	45	0	1,330	1	164,553
2021	5,330	38.46	65,401	32	116,749	57	21,063	10	117	0	1,632	1	204,960
2022	5,124	38.09	58,878	30	118,889	61	15,846	8	20	0	1,550	1	195,183
2023	5,646	37.26	63,474	30	122,557	58	21,020	10	7	0	3,297	2	210,354

Country: ALL

Semester 2, Years: 2013 - 2023

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2013	5,382	28.55	75,041	49	65,584	43	12,827	8	148	0	75	0	153,675
2014	6,115	22.95	57,935	41	71,948	51	10,071	7	256	0	132	0	140,343
2015	6,779	20.83	61,763	44	70,620	50	8,653	6	124	0	70	0	141,230
2016	7,002	27.78	78,054	40	103,209	53	12,927	7	73	0	239	0	194,501
2017	5,062	35.45	53,485	30	114,551	64	10,561	6	39	0	812	0	179,448
2018	5,145	39.67	66,938	33	127,827	63	8,923	4	57	0	354	0	204,097
2019	4,860	42.38	59,348	29	136,914	66	9,045	4	41	0	623	0	205,971
2020	4,886	38.71	56,824	30	120,867	64	10,188	5	90	0	1,151	1	189,121
2021	4,341	47.91	54,170	26	135,962	65	16,015	8	48	0	1,766	1	207,961
2022	4,455	46.71	61,924	30	123,014	59	20,516	10	19	0	2,614	1	208,086
2023	5,681	28.65	43,132	26	103,938	64	11,831	7	41	0	3,826	2	162,768

Country: ALL

Years: 2013 - 2023

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2013	10,184	27.29	135,361	49	117,053	42	24,760	9	499	0	206	0	277,879
2014	11,789	23.57	126,800	46	129,105	46	21,236	8	524	0	172	0	277,837
2015	12,756	22.71	135,797	47	128,143	44	25,039	9	537	0	188	0	289,704
2016	13,825	25.46	146,763	42	182,024	52	22,435	6	421	0	284	0	351,927
2017	11,418	32.12	137,970	38	197,680	54	29,608	8	472	0	1,027	0	366,757
2018	10,889	40.39	140,273	32	274,315	62	23,261	5	103	0	1,879	0	439,831
2019	10,115	40.18	128,907	32	252,131	62	24,160	6	157	0	1,100	0	406,455
2020	10,548	33.53	110,752	31	223,603	63	16,702	5	135	0	2,481	1	353,675
2021	9,671	42.70	119,571	29	252,711	61	37,078	9	165	0	3,397	1	412,922
2022	9,579	42.10	120,801	30	241,903	60	36,362	9	39	0	4,164	1	403,269
2023	11,327	32.94	106,605	29	226,495	61	32,851	9	48	0	7,124	2	373,123

TABLE 1.3A Monthly Catch, Effort and Catch Rate Statistics for All Purse Seiners in the WIO

(Database Closed on 03/06/2024)

Country: ALL

Year: 2022

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate		Catches (MT)								Total Catch (Mt)	
				(MT/Fishing day)	Yellowfin (Mt) (%)	Skipjack (Mt) (%)	Bigeye (Mt) (%)	Albacore (Mt) (%)	Others (Mt) (%)						
Jan	46	41	882	41.86	9,443	26	23,731	64	3,522	10	6	0	236	1	36,937
Feb	46	43	851	48.85	16,958	41	20,812	50	3,354	8	5	0	430	1	41,560
Mar	45	44	902	46.05	15,054	36	23,584	57	2,604	6	3	0	293	1	41,538
Apr	45	44	898	36.19	8,039	25	21,763	67	2,557	8	2	0	133	0	32,494
May	45	39	840	30.94	4,786	18	19,154	74	1,872	7	3	0	186	1	26,001
Jun	45	38	751	22.18	4,599	28	9,845	59	1,937	12	1	0	271	2	16,653
Jul	46	43	926	34.36	11,188	35	17,540	55	2,931	9	4	0	162	1	31,826
Aug	46	46	947	40.57	11,932	31	21,992	57	4,282	11	5	0	201	1	38,412
Sep	46	44	932	57.92	14,983	28	32,735	61	5,588	10	6	0	649	1	53,961
Oct	47	46	780	64.35	14,353	29	31,286	62	3,987	8	2	0	577	1	50,206
Nov	46	35	450	47.22	5,871	28	12,342	58	2,430	11	1	0	608	3	21,251
Dec	46	30	420	29.58	3,596	29	7,119	57	1,298	10	0	0	418	3	12,430
Annual	46	41	9,579	42.10	120,801	30	241,903	60	36,362	9	39	0	4,164	1	403,269
Quarter 1	46	43	2,635	45.55	41,454	35	68,127	57	9,480	8	14	0	960	1	120,035
Quarter 2	45	40	2,489	30.19	17,424	23	50,762	68	6,366	8	6	0	590	1	75,148
Quarter 3	46	44	2,805	44.28	38,103	31	72,267	58	12,801	10	16	0	1011	1	124,199
Quarter 4	46	37	1,650	50.83	23,820	28	50,747	60	7,715	9	3	0	1603	2	83,887
First Semester	45	42	5,124	38.09	58,878	30	118,889	61	15,846	8	20	0	1550	1	195,183
Second Semester	46	41	4,455	46.71	61,924	30	123,014	59	20,516	10	19	0	2614	1	208,086

Country: ALL

Year: 2023

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate		Catches (MT)								Total Catch (Mt)	
				(MT/Fishing day)	Yellowfin (Mt) (%)	Skipjack (Mt) (%)	Bigeye (Mt) (%)	Albacore (Mt) (%)	Others (Mt) (%)						
Jan	45	44	1,036	34.06	9,493	27	21,341	60	3,950	11	1	0	507	1	35,293
Feb	47	44	933	36.90	9,283	27	21,734	63	2,942	9	0	0	464	1	34,422
Mar	47	43	972	51.99	14,350	28	31,556	62	3,911	8	1	0	728	1	50,547
Apr	47	45	970	38.61	9,752	26	23,677	63	3,361	9	3	0	657	2	37,449
May	44	39	938	29.80	8,085	29	16,884	60	2,152	8	1	0	827	3	27,948
Jun	44	40	797	31.00	12,511	51	7,365	30	4,705	19	1	0	113	0	24,695
Jul	44	41	948	22.25	6,380	30	12,080	57	2,362	11	31	0	249	1	21,102
Aug	44	42	948	29.04	7,902	29	16,853	61	2,314	8	8	0	470	2	27,548
Sep	44	41	951	34.38	6,214	19	23,819	73	1,391	4	1	0	1266	4	32,691
Oct	44	39	955	33.71	8,671	27	20,554	64	2,070	6	1	0	895	3	32,191
Nov	44	40	880	25.60	5,320	24	14,908	66	1,743	8	0	0	557	2	22,527
Dec	44	41	999	26.74	8,645	32	15,725	59	1,951	7	0	0	389	1	26,709
Annual	45	42	11,327	32.94	106,605	29	226,495	61	32,851	9	48	0	7,124	2	373,123
Quarter 1	46	44	2,941	40.89	33,127	28	74,631	62	10,803	9	2	0	1,700	1	120,262
Quarter 2	45	41	2,704	33.31	30,347	34	47,926	53	10,217	11	5	0	1,598	2	90,092
Quarter 3	44	41	2,848	28.56	20,496	25	52,752	65	6,068	7	40	0	1,985	2	81,341
Quarter 4	44	40	2,834	28.74	22,636	28	51,186	63	5,763	7	1	0	1,841	2	81,428
First Semester	46	43	5,646	37.26	63,474	30	122,557	58	21,020	10	7	0	3,297	2	210,354
Second Semester	44	41	5,681	28.65	43,132	26	103,938	64	11,831	7	41	0	3,826	2	162,768

TABLE 1.3B Monthly Catch, Effort and Catch Rate Statistics for Seychelles Flagged Purse Seiners in the WIO

(Database Closed on 03/06/2024)

Country: SEYCHELLES

Year: 2022

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate				Catches (MT)						Total Catch (Mt)	
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)		(%)
Jan	13	12	268	34.95	2,152	23	6,391	68	773	8	0	0	55	1	9,372
Feb	13	13	268	49.16	3,669	28	8,268	63	996	8	0	0	244	2	13,178
Mar	13	13	296	37.29	3,955	36	6,164	56	821	7	0	0	86	1	11,026
Apr	13	13	274	38.69	2,738	26	7,025	66	795	8	0	0	27	0	10,585
May	13	12	253	34.10	1,776	21	6,101	71	687	8	0	0	69	1	8,633
Jun	13	12	251	20.40	1,189	23	3,436	67	432	8	0	0	64	1	5,121
Jul	13	12	309	31.14	3,307	34	5,373	56	927	10	0	0	25	0	9,632
Aug	13	13	278	46.56	3,029	23	8,553	66	1,264	10	0	0	90	1	12,935
Sep	13	12	300	55.20	3,514	21	11,208	68	1,483	9	0	0	338	2	16,543
Oct	13	13	228	69.36	3,568	23	10,999	70	1,069	7	0	0	157	1	15,794
Nov	13	9	131	44.44	1,423	25	3,569	61	667	11	0	0	147	3	5,806
Dec	13	4	79	25.54	657	33	1,161	58	162	8	0	0	38	2	2,017
Annual	13	12	2,934	41.12	30,978	26	78,250	65	10,074	8	0	0	1,340	1	120,642
Quarter 1	13	13	832	40.36	9,776	29	20,824	62	2,590	8	0	0	385	1	33,576
Quarter 2	13	12	778	31.29	5,703	23	16,562	68	1,914	8	0	0	160	1	24,339
Quarter 3	13	12	887	44.10	9,850	25	25,134	64	3,673	9	0	0	453	1	39,110
Quarter 4	13	9	437	54.00	5,648	24	15,730	67	1,897	8	0	0	342	1	23,617
First Semester	13	13	1,610	35.98	15,479	27	37,386	65	4,504	8	0	0	545	1	57,915
Second Semester	13	11	1,324	47.37	15,498	25	40,864	65	5,570	9	0	0	794	1	62,727

Country: SEYCHELLES

Year: 2023

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate				Catches (MT)						Total Catch (Mt)	
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)		(%)
Jan	13	12	327	32.75	2,418	23	7,034	66	1,087	10	0	0	180	2	10,719
Feb	13	12	268	39.84	2,303	22	7,502	70	785	7	0	0	98	1	10,688
Mar	13	12	294	48.72	3,007	21	10,174	71	911	6	0	0	207	1	14,299
Apr	13	13	326	42.20	2,476	18	10,192	74	919	7	0	0	159	1	13,745
May	13	12	304	32.99	2,389	24	6,450	64	927	9	0	0	270	3	10,036
Jun	13	12	264	33.92	4,080	45	2,747	31	2,123	24	0	0	19	0	8,969
Jul	13	13	334	20.75	1,647	24	4,187	60	1,032	15	14	0	48	1	6,928
Aug	13	13	324	27.13	1,700	19	5,986	68	947	11	0	0	158	2	8,792
Sep	13	13	333	28.00	1,494	16	6,968	75	428	5	0	0	437	5	9,327
Oct	13	13	323	30.98	2,115	21	7,082	71	549	5	0	0	268	3	10,014
Nov	13	13	291	24.72	1,703	24	4,685	65	642	9	0	0	157	2	7,187
Dec	13	13	339	30.96	2,997	29	6,786	65	622	6	0	0	91	1	10,496
Annual	13	13	3,727	32.52	28,329	23	79,792	66	10,972	9	14	0	2,093	2	121,200
Quarter 1	13	12	889	40.16	7,728	22	24,709	69	2,783	8	28	0	486	1	35,706
Quarter 2	13	12	894	36.62	8,946	27	19,389	59	3,968	12	0	0	448	1	32,750
Quarter 3	13	13	991	25.27	4,842	19	17,141	68	2,407	10	14	0	642	3	25,046
Quarter 4	13	13	953	29.06	6,814	25	18,553	67	1,813	7	0	0	516	2	27,697
First Semester	13	12	1,783	38.39	16,673	24	44,098	64	6,752	10	0	0	934	1	68,457
Second Semester	13	13	1,944	27.13	11,656	22	35,694	68	4,220	8	14	0	1,159	2	52,743

TABLE 1.3C Monthly Catch, Effort and Catch Rate Statistics for Spanish Purse Seiners in the WIO

(Database Closed on 03/06/2024)

Country: SPAIN

Year: 2022

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate				Catches (MT)						Total Catch (Mt)	
				(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)		(%)
Jan	16	13	323	52.22	4,243	25	10,797	64	1,791	11	0	0	51	0	16,882
Feb	16	14	308	54.25	6,983	42	8,145	49	1,493	9	0	0	84	1	16,705
Mar	15	15	337	54.50	5,706	31	11,412	62	1,144	6	0	0	127	1	18,389
Apr	15	14	325	34.96	2,670	23	7,687	68	972	9	0	0	36	0	11,365
May	15	12	268	23.73	1,239	19	4,692	74	380	6	0	0	48	1	6,358
Jun	15	10	207	21.40	1,216	27	2,567	58	626	14	0	0	17	0	4,426
Jul	15	14	339	42.64	4,361	30	8,447	58	1,613	11	0	0	45	0	14,466
Aug	15	15	352	43.48	4,415	29	8,556	56	2,272	15	0	0	54	0	15,298
Sep	15	15	330	65.05	5,363	25	12,882	60	3,052	14	2	0	154	1	21,453
Oct	15	14	236	65.05	3,891	25	9,429	62	1,903	12	0	0	100	1	15,323
Nov	14	9	81	36.50	583	20	1,749	59	560	19	0	0	73	2	2,966
Dec	14	9	166	22.33	1,641	44	1,552	42	487	13	0	0	31	1	3,710
Annual	15	13	3,272	45.03	42,311	29	87,915	60	16,293	11	2	0	820	1	147,341
Quarter 1	16	14	969	53.66	16,932	33	30,355	58	4,428	9	0	0	262	1	51,976
Quarter 2	15	12	800	27.69	5,124	23	14,946	67	1,978	9	0	0	100	0	22,149
Quarter 3	15	15	1,021	50.17	14,140	28	29,884	58	6,937	14	2	0	253	0	51,217
Quarter 4	14	11	483	45.55	6,115	28	12,730	58	2,950	13	0	0	204	1	21,999
First Semester	15	13	1,769	41.91	22,056	30	45,301	61	6,405	9	0	0	363	0	74,125
Second Semester	15	13	1,504	48.69	20,255	28	42,614	58	9,888	14	2	0	457	1	73,216

Country: SPAIN

Year: 2023

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate				Catches (MT)						Total Catch (Mt)	
				(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)		(%)
Jan	13	13	313	37.63	2,916	25	7,176	61	1,499	13	0	0	172	1	11,763
Feb	14	13	317	37.81	3,713	31	6,718	56	1,305	11	0	0	233	2	11,970
Mar	14	13	321	59.20	4,945	26	11,845	62	2,030	11	0	0	196	1	19,016
Apr	14	13	292	40.83	2,533	21	7,971	67	1,309	11	2	0	106	1	11,920
May	14	12	308	30.52	2,667	28	5,988	64	584	6	0	0	150	2	9,389
Jun	14	12	260	34.94	5,499	60	1,523	17	2,057	23	0	0	18	0	9,098
Jul	14	13	342	24.97	3,093	36	4,263	50	1,101	13	14	0	72	1	8,543
Aug	14	13	331	35.77	3,020	25	7,842	66	863	7	7	0	125	1	11,856
Sep	14	13	305	43.05	2,694	21	9,500	72	620	5	0	0	308	2	13,122
Oct	14	12	317	35.97	3,077	27	7,046	62	1,042	9	0	0	229	2	11,395
Nov	14	13	315	25.61	1,910	24	5,333	66	710	9	0	0	121	2	8,075
Dec	14	13	344	28.28	4,300	44	4,683	48	621	6	0	0	115	1	9,718
Annual	14	13	3,764	36.09	40,368	30	79,888	59	13,742	10	22	0	1,846	1	135,866
Quarter 1	14	13	950	44.98	11,575	27	25,739	60	4,834	11	0	0	601	1	42,749
Quarter 2	14	12	860	35.36	10,700	35	15,482	51	3,950	13	2	0	274	1	30,407
Quarter 3	14	13	978	34.26	8,806	26	21,605	64	2,584	8	21	0	505	2	33,521
Quarter 4	14	13	976	29.91	9,287	32	17,062	58	2,374	8	0	0	466	2	29,188
First Semester	14	13	1,810	40.41	22,275	30	41,221	56	8,784	12	2	0	875	1	73,157
Second Semester	14	13	1,954	32.09	18,093	29	38,668	62	4,957	8	21	0	970	2	62,709

TABLE 1.3D Monthly Catch, Effort and Catch Rate Statistics for French Purse Seiners in the WIO

(Database Closed on 03/06/2024)

Country: FRANCE

Year: 2022

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate		Catches (MT)								Total Catch	
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	(Mt)
Jan	11	10	179	38.39	1,967	29	4,227	61	591	9	4	0	86	1	6,876
Feb	11	10	167	41.20	3,805	55	2,437	35	545	8	4	0	90	1	6,880
Mar	10	10	169	44.76	3,716	49	3,419	45	376	5	2	0	71	1	7,585
Apr	10	10	160	32.99	1,366	26	3,541	67	340	6	1	0	46	1	5,294
May	10	8	156	29.44	748	16	3,411	74	382	8	1	0	47	1	4,589
Jun	10	10	190	25.73	1,444	30	2,805	58	494	10	1	0	133	3	4,877
Jul	10	10	150	23.88	1,956	55	1,356	38	178	5	2	0	82	2	3,574
Aug	10	10	159	34.76	2,735	50	2,383	43	353	6	5	0	35	1	5,510
Sep	10	10	166	48.20	2,687	34	4,752	59	420	5	1	0	141	2	8,002
Oct	10	10	155	63.33	3,796	39	5,388	55	359	4	2	0	268	3	9,814
Nov	10	9	107	49.87	1,817	34	2,884	54	569	11	1	0	87	2	5,360
Dec	10	9	25	13.08	81	25	219	67	26	8	0	0	1	0	326
Annual	10	10	1,783	38.52	26,119	38	36,823	54	4,634	7	24	0	1,086	2	68,686
Quarter 1	11	10	516	41.39	9,488	44	10,083	47	1,513	7	10	0	247	1	21,341
Quarter 2	10	9	506	29.18	3,559	24	9,757	66	1,216	8	3	0	225	2	14,760
Quarter 3	10	10	474	36.03	7,378	43	8,492	50	951	6	8	0	258	2	17,087
Quarter 4	10	9	287	53.94	5,694	37	8,491	55	955	6	3	0	356	2	15,499
First Semester	10	10	1,021	35.34	13,047	36	19,840	55	2,728	8	13	0	473	1	36,101
Second Semester	10	10	762	42.79	13,072	40	16,983	52	1,905	6	11	0	614	2	32,585

Country: FRANCE

Year: 2023

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate		Catches (MT)								Total Catch	
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	(Mt)
Jan	10	10	188	34.41	2,303	36	3,466	54	596	9	1	0	94	1	6,460
Feb	11	10	175	32.83	1,686	29	3,666	64	305	5		0	81	1	5,738
Mar	11	10	173	48.18	2,886	35	4,779	57	426	5	1	0	228	3	8,320
Apr	11	10	177	30.96	2,065	38	2,729	50	477	9	1	0	206	4	5,478
May	11	9	172	20.90	1,650	46	1,668	46	153	4	1	0	125	3	3,598
Jun	11	10	157	26.60	2,422	58	1,369	33	328	8	1	0	62	1	4,182
Jul	11	9	147	23.76	1,109	32	2,161	62	127	4	3	0	93	3	3,494
Aug	11	10	163	25.18	2,281	55	1,414	34	308	7	1	0	109	3	4,113
Sep	11	9	163	29.49	952	20	3,513	73	106	2	1	0	225	5	4,798
Oct	11	8	177	34.11	2,124	35	3,544	59	260	4	1	0	122	2	6,051
Nov	11	9	152	27.36	809	19	3,011	72	192	5		0	146	4	4,158
Dec	11	10	210	23.56	975	20	3,282	66	562	11		0	128	3	4,947
Annual	11	10	2,054	29.86	21,264	35	34,603	56	3,841	6	11	0	1,619	3	61,337
Quarter 1	11	10	535	38.34	6,876	34	11,911	58	1,327	6	2	0	402	2	20,519
Quarter 2	11	10	506	26.18	6,137	46	5,766	43	959	7	3	0	394	3	13,259
Quarter 3	11	9	473	26.22	4,343	35	7,088	57	541	4	5	0	427	3	12,404
Quarter 4	11	9	539	28.10	3,908	26	9,837	65	1,014	7	1	0	396	3	15,156
First Semester	11	10	1,042	32.43	13,013	39	17,677	52	2,286	7	5	0	796	2	33,777
Second Semester	11	9	1,012	27.22	8,250	30	16,925	61	1,555	6	6	0	823	3	27,560

TABLE 1.3E Monthly Catch, Effort and Catch Rate Statistics for Purse Seiners NEI in the WIO

(Database Closed on 03/06/2024)

Country: OTHERS

Year: 2022

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate	Catches (MT)										Total Catch
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	Yellowfin (%)	Skipjack (Mt)	Skipjack (%)	Bigeeye (Mt)	Bigeeye (%)	Albacore (Mt)	Albacore (%)	Others (Mt)	Others (%)	(Mt)
Jan	6	6	112	34.02	1,080	28	2,315	61	366	10	2	0	45	1	3,808
Feb	6	6	108	44.52	2,501	52	1,962	41	321	7	1	0	12	0	4,797
Mar	7	5	99	45.63	1,676	37	2,588	57	264	6	1	0	8	0	4,538
Apr	7	6	139	37.84	1,265	24	3,510	67	451	9	1	0	24	0	5,251
May	7	6	163	39.33	1,023	16	4,950	77	423	7	2	0	22	0	6,421
Jun	7	5	103	21.59	749	34	1,036	46	385	17	0	0	58	3	2,229
Jul	8	5	128	32.46	1,564	38	2,364	57	213	5	2	0	11	0	4,154
Aug	8	6	159	29.41	1,752	38	2,501	54	393	8	1	0	22	0	4,669
Sep	8	5	136	58.47	3,419	43	3,892	49	634	8	3	0	15	0	7,963
Oct	9	7	162	57.27	3,098	33	5,469	59	656	7	0	0	53	1	9,275
Nov	9	6	131	54.50	2,047	29	4,139	58	633	9	0	0	301	4	7,120
Dec	9	6	150	42.47	1,218	19	4,187	66	624	10	0	0	348	5	6,377
Annual	8	6	1,590	41.89	21,393	32	38,914	58	5,362	8	13	0	918	1	66,600
Quarter 1	6	6	319	41.18	5,258	40	6,865	52	950	7	4	0	65	0	13,142
Quarter 2	7	6	405	34.30	3,037	22	9,497	68	1,259	9	3	0	104	1	13,901
Quarter 3	8	5	423	39.69	6,735	40	8,757	52	1,240	7	6	0	47	0	16,785
Quarter 4	9	6	443	51.43	6,363	28	13,795	61	1,913	8	0	0	701	3	22,772
First Semester	7	6	724	37.33	8,295	31	16,362	61	2,209	8	7	0	169	1	27,043
Second Semester	9	6	866	45.70	13,098	33	22,552	57	3,153	8	6	0	749	2	39,557

Country: OTHERS

Year: 2023

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate	Catches (MT)										Total Catch
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	Yellowfin (%)	Skipjack (Mt)	Skipjack (%)	Bigeeye (Mt)	Bigeeye (%)	Albacore (Mt)	Albacore (%)	Others (Mt)	Others (%)	(Mt)
Jan	9	9	208	30.46	1,856	29	3,665	58	768	12	0	0	61	1	6,350
Feb	9	9	173	34.81	1,581	26	3,848	64	546	9	0	0	52	1	6,026
Mar	9	8	185	48.23	3,511	39	4,759	53	544	6	0	0	97	1	8,912
Apr	9	9	175	35.97	2,677	42	2,786	44	656	10	0	0	186	3	6,305
May	6	6	154	31.99	1,378	28	2,778	56	487	10	0	0	282	6	4,925
Jun	6	6	115	21.35	510	21	1,726	71	197	8	0	0	14	1	2,446
Jul	6	6	125	17.07	531	25	1,469	69	101	5	0	0	36	2	2,137
Aug	6	6	130	21.50	901	32	1,611	58	197	7	0	0	80	3	2,788
Sep	6	6	150	36.21	1,074	20	3,838	70	238	4	0	0	296	5	5,445
Oct	6	6	138	34.40	1,355	29	2,881	61	219	5	0	0	276	6	4,731
Nov	6	5	122	25.50	898	29	1,879	60	198	6	0	0	133	4	3,107
Dec	6	5	106	14.60	374	24	973	63	146	9	0	0	55	4	1,548
Annual	7	7	1,781	30.73	16,645	30	32,212	59	4,296	8	0	0	1,567	3	54,721
Quarter 1	9	9	566	37.58	6,948	33	12,272	58	1,858	9	0	0	210	1	21,288
Quarter 2	7	7	444	30.81	4,564	33	7,289	53	1,340	10	0	0	482	4	13,676
Quarter 3	6	6	405	25.59	2,505	24	6,918	67	536	5	0	0	411	4	10,370
Quarter 4	6	5	365	25.69	2,627	28	5,733	61	563	6	0	0	463	5	9,387
First Semester	8	8	1,010	34.61	11,512	33	19,561	56	3,198	9	0	0	692	2	34,964
Second Semester	6	6	771	25.63	5,132	26	12,651	64	1,099	6	0	0	875	4	19,757

TABLE 1.4 Time Series Catch, Effort and Catch Rate Statistics for Purse Seiners Inside the Seychelles EEZ

(Database Closed on 03/06/2024)

Country: ALL

Semester 1, Years: 2013 - 2023

Year	Effort		Catch Rate				Catches (MT)						Total Catch (Mt)
	(Days Fished)	MT/Fishing day	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2013	1313	18.02	12,948	55	8,062	34	2,523	11	47	0	67	0	23,646
2014	2115	15.49	19,118	58	10,872	33	2,673	8	62	0	21	0	32,747
2015	1497	17.68	14,405	54	9,799	37	2,171	8	43	0	58	0	26,476
2016	2658	16.72	20,198	45	21,790	49	2,343	5	79	0	17	0	44,426
2017	2109	23.43	27,978	57	16,891	34	4,285	9	205	0	46	0	49,405
2018	1517	31.03	15,927	34	28,403	60	2,686	6	8	0	38	0	47,061
2019	1418	32.75	20,483	44	20,425	44	5,311	11	93	0	130	0	46,443
2020	1894	27.44	24,145	46	25,333	49	2,369	5	41	0	81	0	51,968
2021	948	26.10	9,187	37	13,215	53	2,064	8	20	0	256	1	24,742
2022	1937	39.33	27,831	37	42,879	56	5,032	7	7	0	457	1	76,206
2023	1504	28.72	18,119	42	21,194	49	3,380	8	3	0	494	1	43,191

Country: ALL

Semester 2, Years: 2013 - 2023

Year	Effort		Catch Rate				Catches (MT)						Total Catch (Mt)
	(Days Fished)	MT/Fishing day	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2013	870	14.21	5,395	44	5,659	46	1,175	10	115	1	22	0	12,366
2014	1439	16.01	9,599	42	11,854	51	1,502	7	20	0	72	0	23,047
2015	1504	15.01	9,580	42	11,549	51	1,387	6	44	0	10	0	22,570
2016	2082	23.31	22,075	45	24,252	50	2,088	4	49	0	68	0	48,532
2017	1002	23.92	8,054	34	14,492	60	1,366	6	10	0	32	0	23,955
2018	1300	31.98	14,395	35	25,496	61	1,569	4	21	0	105	0	41,587
2019	1159	33.31	15,485	40	20,744	54	2,337	6	18	0	25	0	38,609
2020	1233	35.43	16,479	38	24,349	56	2,568	6	78	0	225	1	43,700
2021	631	27.48	5,714	33	10,252	59	1,076	6	19	0	279	2	17,340
2022	1034	36.12	17,727	47	15,593	42	3,631	10	12	0	397	1	37,360
2023	1332	19.57	9,285	36	13,851	53	2,205	8	12	0	717	3	26,070

Country: ALL

Years: 2013 - 2023

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2013	2,183	16.50	18,343	51	13,721	38	3,698	10	161	0	89	0	36,013
2014	3,554	15.70	28,717	51	22,726	41	4,175	7	83	0	93	0	55,794
2015	3,001	16.34	23,985	49	21,348	44	3,558	7	87	0	68	0	49,046
2016	4,740	19.61	42,273	45	46,042	50	4,431	5	127	0	85	0	92,958
2017	3,110	23.59	36,032	49	31,383	43	5,651	8	215	0	78	0	73,360
2018	2,817	31.47	30,322	34	53,899	61	4,255	5	30	0	143	0	88,649
2019	2,577	33.00	35,969	42	41,169	48	7,648	9	111	0	155	0	85,052
2020	3,127	30.59	40,624	42	49,682	52	4,936	5	119	0	306	0	95,668
2021	1,579	26.65	14,901	35	23,467	56	3,140	7	39	0	535	1	42,082
2022	2,972	38.22	45,558	40	58,472	51	8,663	8	19	0	854	1	113,566
2023	2,836	24.42	27,404	40	35,045	51	5,586	8	15	0	1,211	2	69,261

TABLE 1.4A Monthly Catch, Effort and Catch Rate Statistics for Purse Seiners Inside the Seychelles EEZ

(Database Closed on 03/06/2024)

Country: ALL

Year: 2022

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate		Catches (MT)								Total Catch	
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	(Mt)
Jan	46	41	165	38.25	1,896	30	3,813	60	508	8	1	0	89	1	6,307
Feb	46	43	375	35.99	7,178	53	5,002	37	1,237	9	2	0	68	1	13,486
Mar	45	44	646	50.07	12,709	39	17,697	55	1,735	5	2	0	176	1	32,320
Apr	45	44	536	37.81	5,313	26	13,566	67	1,333	7	2	0	66	0	20,279
May	45	39	150	23.04	656	19	2,567	74	184	5	0	0	47	1	3,453
Jun	45	38	66	5.46	79	22	236	65	35	10	0	0	12	3	361
Jul	46	43	276	25.10	4,809	69	1,158	17	919	13	3	0	40	1	6,930
Aug	46	46	188	26.71	2,371	47	2,367	47	233	5	4	0	47	1	5,022
Sep	46	44	232	49.87	4,956	43	5,265	45	1,191	10	4	0	162	1	11,578
Oct	47	46	189	55.73	4,392	42	5,247	50	787	7	0	0	120	1	10,546
Nov	46	35	107	27.98	1,100	37	1,414	47	449	15	0	0	22	1	2,985
Dec	46	30	42	7.14	99	33	143	48	52	17	0	0	6	2	300
Annual	46	41	2,972	38.22	45,558	40	58,472	51	8,663	8	19	0	854	1	113,566
Quarter 1	46	43	1,185	43.97	21,783	42	26,511	51	3,480	7	5	0	333	1	52,113
Quarter 2	45	40	752	32.03	6,048	25	16,368	68	1,551	6	2	0	124	1	24,093
Quarter 3	46	44	696	33.79	12,137	52	8,790	37	2,343	10	12	0	249	1	23,530
Quarter 4	46	37	338	40.93	5,590	40	6,803	49	1,288	9	0	0	148	1	13,830
First Semester	45	42	1,937	39.33	27,831	37	42,879	56	5,032	7	7	0	457	1	76,206
Second Semester	46	41	1,034	36.12	17,727	47	15,593	42	3,631	10	12	0	397	1	37,360

Country: ALL

Year: 2023

Month	Vessels Licensed	Vessels Covered	Effort	Catch Rate		Catches (MT)								Total Catch	
	(Number)	(Number)	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	(Mt)
Jan	45	44	73	10.01	262	36	414	57	45	6		0	10	1	731
Feb	47	44	176	20.19	937	26	2,245	63	313	9		0	51	1	3,546
Mar	47	43	383	42.25	6,451	40	8,428	52	1,090	7	1	0	199	1	16,169
Apr	47	45	310	27.94	3,356	39	4,675	54	564	6		0	78	1	8,674
May	44	39	257	20.49	3,074	58	1,875	36	253	5	1	0	73	1	5,276
Jun	44	40	305	28.85	4,039	46	3,557	40	1,116	13	1	0	83	1	8,795
Jul	44	41	253	12.40	1,641	52	777	25	656	21	11	0	55	2	3,140
Aug	44	42	191	22.50	2,502	58	1,411	33	284	7	1	0	107	2	4,305
Sep	44	41	72	13.36	326	34	531	55	75	8		0	26	3	958
Oct	44	39	146	24.24	745	21	2,368	67	307	9		0	114	3	3,535
Nov	44	40	300	23.61	1,506	21	4,806	68	520	7		0	246	3	7,078
Dec	44	41	370	19.05	2,565	36	3,958	56	362	5		0	170	2	7,055
Annual	45	42	2,836	24.42	27,404	40	35,045	51	5,586	8	15	0	1,211	2	69,261
Quarter 1	46	44	631	32.38	7,650	37	11,087	54	1,448	7	1	0	260	1	20,446
Quarter 2	45	41	873	26.06	10,469	46	10,108	44	1,932	8	2	0	235	1	22,745
Quarter 3	44	41	516	16.28	4,469	53	2,718	32	1,015	12	12	0	187	2	8,402
Quarter 4	44	40	816	21.65	4,816	27	11,132	63	1,190	7	0	0	530	3	17,667
First Semester	46	43	1,504	28.72	18,119	42	21,194	49	3,380	8	3	0	494	1	43,191
Second Semester	44	41	1,332	19.57	9,285	36	13,851	53	2,205	8	12	0	717	3	26,070

TABLE 1.4B Monthly Catch, Effort and Catch Rate Statistics for Seychelles Flagged Purse Seiners Inside the Seychelles EEZ

(Database Closed on 03/06/2024)

Country: SEYCHELLES

Year: 2022

Month	Vessels	Vessels	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Catches (MT)										Total Catch (Mt)
	Licensed (Number)	Covered (Number)			Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
Jan	13	12	63	38.47	568	24	1,695	70	143	6	0	0	6	0	2,412
Feb	13	13	91	34.52	970	31	1,818	58	344	11	0	0	9	0	3,141
Mar	13	13	238	38.62	3,436	37	5,032	55	680	7	0	0	54	1	9,202
Apr	13	13	159	34.82	1,767	32	3,424	62	327	6	0	0	17	0	5,535
May	13	12	35	11.47	114	28	228	57	51	13	0	0	10	3	403
Jun	13	12	22	1.80	6	14	25	65	3	7	0	0	5	14	39
Jul	13	12	93	21.92	1,555	76	193	9	299	15	0	0	0	0	2,048
Aug	13	13	23	11.83	71	26	149	54	52	19	0	0	5	2	277
Sep	13	12	38	26.28	203	21	714	72	60	6	0	0	9	1	986
Oct	13	13	32	53.75	399	23	1,154	67	151	9	0	0	7	0	1,712
Nov	13	9	31	27.85	366	42	347	40	160	18	0	0	0	0	873
Dec	13	4	12	5.26	35	53	24	37	6	10	0	0	0	0	65
Annual	13	12	838	31.86	9,490	36	14,803	55	2,277	9	0	0	123	0	26,692
Quarter 1	13	13	392	37.64	4,974	34	8,545	58	1,167	8	0	0	69	0	14,755
Quarter 2	13	12	216	27.69	1,886	32	3,677	62	381	6	0	0	32	1	5,977
Quarter 3	13	12	154	21.44	1,830	55	1,056	32	410	12	0	0	14	0	3,311
Quarter 4	13	9	76	35.09	800	30	1,525	58	318	12	0	0	7	0	2,650
First Semester	13	13	608	34.11	6,860	33	12,221	59	1,549	7	0	0	101	0	20,732
Second Semester	13	11	230	25.93	2,629	44	2,582	43	728	12	0	0	22	0	5,961

Country: SEYCHELLES

Year: 2023

Month	Vessels	Vessels	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Catches (MT)										Total Catch (Mt)
	Licensed (Number)	Covered (Number)			Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
Jan	13	12	26	9.95	41	16	192	74	20	8	0	0	6	2	260
Feb	13	12	60	26.19	401	26	960	61	186	12	0	0	23	1	1,570
Mar	13	12	80	33.62	496	18	1,983	74	138	5	0	0	64	2	2,681
Apr	13	13	82	25.35	355	17	1,636	79	78	4	0	0	11	1	2,080
May	13	12	64	13.51	330	38	453	52	61	7	0	0	19	2	863
Jun	13	12	69	23.25	382	24	1,034	64	180	11	0	0	14	1	1,611
Jul	13	13	78	9.86	309	40	207	27	248	32	7	1	1	0	773
Aug	13	13	34	10.72	77	21	191	53	79	22	0	0	16	4	363
Sep	13	13	20	13.48	57	22	173	65	32	12	0	0	2	1	264
Oct	13	13	38	14.24	97	18	412	77	19	4	0	0	7	1	535
Nov	13	13	73	26.80	381	20	1,318	68	228	12	0	0	24	1	1,951
Dec	13	13	102	13.50	634	46	680	49	49	4	0	0	12	1	1,375
Annual	13	13	725	19.75	3,561	25	9,237	64	1,320	9	7	0	201	1	14,326
Quarter 1	13	12	166	27.21	939	21	3,134	69	345	8	15	0	93	2	4,511
Quarter 2	13	12	215	21.16	1,067	23	3,123	69	320	7	0	0	45	1	4,555
Quarter 3	13	13	132	10.62	443	32	570	41	360	26	7	1	19	1	1,400
Quarter 4	13	13	212	18.19	1,112	29	2,409	62	296	8	0	0	44	1	3,861
First Semester	13	12	381	23.79	2,006	22	6,258	69	665	7	0	0	138	2	9,065
Second Semester	13	13	344	15.29	1,555	30	2,980	57	656	12	7	0	63	1	5,261

TABLE 1.4C Monthly Catch, Effort and Catch Rate Statistics for Spanish Purse Seiners Inside the Seychelles EEZ

(Database Closed on 03/06/2024)

Country: SPAIN

Year: 2022

Month	Vessels		Effort (Days Fished)	Catch Rate		Catches (MT)						Total Catch (Mt)			
	Licensed (Number)	Covered (Number)		Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)		Others (Mt)	(%)	
Jan	16	13	47	42.98	587	29	1,209	60	200	10	0	0	17	1	2,014
Feb	16	14	110	31.33	1,704	49	1,213	35	522	15	0	0	22	1	3,460
Mar	15	15	215	66.42	4,641	33	8,783	62	752	5	0	0	78	1	14,254
Apr	15	14	212	39.79	2,031	24	5,732	68	664	8	0	0	19	0	8,447
May	15	12	68	21.87	363	25	994	67	98	7	0	0	23	2	1,478
Jun	15	10	22	6.95	21	14	116	77	13	9	0	0	1	0	151
Jul	15	14	94	29.88	1,823	65	439	16	528	19	0	0	10	0	2,800
Aug	15	15	56	23.45	432	33	777	59	88	7	0	0	9	1	1,305
Sep	15	15	66	61.37	1,835	45	1,479	36	682	17	2	0	61	1	4,059
Oct	15	14	55	51.03	926	33	1,422	51	445	16	0	0	12	0	2,805
Nov	14	9	26	18.21	141	30	217	46	104	22	0	0	6	1	467
Dec	14	9	11	6.25	26	37	38	53	7	10	0	0	0	0	71
Annual	15	13	981	42.11	14,531	35	22,418	54	4,102	10	2	0	258	1	41,311
Quarter 1	16	14	372	53.05	6,933	35	11,204	57	1,474	7	0	0	117	1	19,728
Quarter 2	15	12	302	33.41	2,415	24	6,843	68	775	8	0	0	43	0	10,076
Quarter 3	15	15	216	37.88	4,090	50	2,695	33	1,298	16	2	0	80	1	8,164
Quarter 4	14	11	92	36.36	1,093	33	1,676	50	555	17	0	0	18	1	3,343
First Semester	15	13	673	44.25	9,348	31	18,047	61	2,249	8	0	0	160	1	29,804
Second Semester	15	13	307	37.43	5,183	45	4,371	38	1,853	16	2	0	98	1	11,507

Country: SPAIN

Year: 2023

Month	Vessels		Effort (Days Fished)	Catch Rate		Catches (MT)						Total Catch (Mt)			
	Licensed (Number)	Covered (Number)		Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)		Others (Mt)	(%)	
Jan	13	14	20	9.06	87	48	81	45	14	8	0	0	0	0	181
Feb	14	13	59	16.61	238	24	680	69	51	5	0	0	16	2	985
Mar	14	13	137	46.70	1,981	31	3,738	59	602	9	0	0	58	1	6,378
Apr	14	13	85	26.55	602	27	1,476	65	171	8	0	0	15	1	2,264
May	14	11	68	28.52	1,107	57	718	37	114	6	0	0	12	1	1,951
Jun	14	12	96	44.38	2,441	57	908	21	894	21	0	0	6	0	4,249
Jul	14	13	97	16.36	908	57	312	20	352	22	0	0	17	1	1,589
Aug	14	13	42	10.92	162	35	255	56	39	8	0	0	4	1	460
Sep	14	13	17	13.88	145	62	66	28	18	8	0	0	6	3	235
Oct	14	12	34	26.02	187	21	543	62	133	15	0	0	9	1	872
Nov	14	13	81	20.55	366	22	1,104	67	140	8	0	0	45	3	1,655
Dec	14	13	120	23.88	1,123	39	1,583	55	121	4	0	0	39	1	2,865
Annual	14	13	856	27.68	9,345	39	11,463	48	2,650	11	0	0	226	1	23,684
Quarter 1	14	13	216	34.94	2,306	31	4,498	60	667	9	0	0	74	1	7,545
Quarter 2	14	12	249	33.94	4,149	49	3,102	37	1,180	14	0	0	33	0	8,463
Quarter 3	14	13	156	14.63	1,215	53	633	28	410	18	0	0	27	1	2,284
Quarter 4	14	13	234	23.04	1,675	31	3,230	60	394	7	0	0	92	2	5,392
First Semester	14	13	465	34.40	6,455	40	7,600	47	1,846	12	0	0	107	1	16,008
Second Semester	14	13	390	19.67	2,890	38	3,863	50	804	10	0	0	119	2	7,676

TABLE 1.4D Monthly Catch, Effort and Catch Rate Statistics for French Purse Seiners Inside the Seychelles EEZ

(Database Closed on 03/06/2024)

Country: FRANCE

Year: 2022

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate		Catches (MT)								Total Catch (Mt)	
				(MT/Fishing day)	Yellowfin (Mt) (%)	Skipjack (Mt) (%)	Bigeye (Mt) (%)	Albacore (Mt) (%)	Others (Mt) (%)						
Jan	11	10	40	32.57	517 (40)	618 (48)	109 (8)	1	0	50 (4)					1,295
Feb	11	10	117	37.45	2,847 (65)	1,258 (29)	262 (6)	2	0	28 (1)					4,397
Mar	10	10	125	46.90	3,134 (54)	2,475 (42)	199 (3)	1	0	37 (1)					5,846
Apr	10	10	85	34.94	577 (19)	2,263 (76)	128 (4)	1	0	13 (0)					2,982
May	10	8	29	17.36	136 (27)	350 (69)	13 (3)	0	0	10 (2)					508
Jun	10	10	15	10.43	46 (30)	82 (54)	19 (13)	0	0	5 (4)					153
Jul	10	10	61	19.44	772 (66)	298 (25)	83 (7)	2	0	23 (2)					1,178
Aug	10	10	63	35.10	1,325 (60)	836 (38)	46 (2)	3	0	15 (1)					2,227
Sep	10	10	64	42.61	1,152 (42)	1,401 (51)	89 (3)	0	0	81 (3)					2,724
Oct	10	10	62	69.05	2,345 (55)	1,756 (41)	91 (2)	0	0	69 (2)					4,262
Nov	10	9	26	33.79	278 (31)	522 (59)	79 (9)	0	0	13 (1)					892
Dec	10	9	7	0.00	0 (0)	0 (0)	0 (0)	0	0	0 (0)					0
Annual	10	10	694	38.11	13,129	50	11,859	45	1,120	4	11	0	345	1	26,463
Quarter 1	11	10	282	40.94	6,498 (56)	4,351 (38)	570 (5)	4	0	115 (1)					11,538
Quarter 2	10	9	129	28.17	759 (21)	2,695 (74)	161 (4)	1	0	28 (1)					3,643
Quarter 3	10	10	188	32.61	3,249 (53)	2,535 (41)	219 (4)	6	0	120 (2)					6,129
Quarter 4	10	9	95	54.11	2,623 (51)	2,278 (44)	170 (3)	0	0	82 (2)					5,154
First Semester	10	10	411	36.93	7,256 (48)	7,045 (46)	731 (5)	5	0	143 (1)					15,181
Second Semester	10	10	283	39.84	5,873 (52)	4,814 (43)	389 (3)	6	0	201 (2)					11,283

Country: FRANCE

Year: 2023

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate		Catches (MT)								Total Catch (Mt)	
				(MT/Fishing day)	Yellowfin (Mt) (%)	Skipjack (Mt) (%)	Bigeye (Mt) (%)	Albacore (Mt) (%)	Others (Mt) (%)						
Jan	10	10	8	7.79	13 (20)	50 (75)	2 (3)	0	0	1 (2)					66
Feb	11	10	31	22.03	158 (23)	453 (67)	57 (8)	0	0	11 (2)					678
Mar	11	10	91	42.63	1,879 (49)	1,721 (45)	200 (5)	1	0	65 (2)					3,867
Apr	11	10	60	26.61	642 (40)	852 (54)	75 (5)	0	0	18 (1)					1,587
May	11	9	95	20.60	1,249 (64)	591 (30)	71 (4)	1	0	39 (2)					1,951
Jun	11	10	102	21.13	1,097 (51)	973 (45)	28 (1)	1	0	58 (3)					2,157
Jul	11	9	40	11.18	222 (50)	162 (36)	32 (7)	3	1	30 (7)					448
Aug	11	10	80	33.50	1,846 (69)	641 (24)	146 (5)	1	0	57 (2)					2,691
Sep	11	9	15	9.20	48 (34)	87 (62)	3 (2)	0	0	2 (2)					140
Oct	11	8	44	22.21	197 (20)	642 (66)	102 (10)	0	0	33 (3)					974
Nov	11	9	88	29.11	533 (21)	1,846 (72)	81 (3)	0	0	107 (4)					2,566
Dec	11	10	78	20.14	493 (32)	929 (59)	77 (5)	0	0	64 (4)					1,563
Annual	11	10	732	25.54	8,378	45	8,945	48	874	5	7	0	485	3	18,689
Quarter 1	11	10	130	35.48	2,050 (44)	2,223 (48)	259 (6)	1	0	77 (2)					4,611
Quarter 2	11	10	256	22.21	2,989 (52)	2,415 (42)	174 (3)	2	0	115 (2)					5,695
Quarter 3	11	9	136	24.17	2,116 (65)	889 (27)	181 (6)	4	0	89 (3)					3,279
Quarter 4	11	9	210	24.35	1,223 (24)	3,417 (67)	259 (5)	0	0	204 (4)					5,103
First Semester	11	10	386	26.67	5,040 (49)	4,639 (45)	433 (4)	3	0	192 (2)					10,307
Second Semester	11	9	345	24.28	3,339 (40)	4,306 (51)	440 (5)	4	0	293 (3)					8,382

TABLE 1.4E Monthly Catch, Effort and Catch Rate Statistics for Purse Seiners NEI inside the Seychelles EEZ

(Database Closed on 03/06/2024)

Country: OTHERS

Year: 2022

Month	Vessels		Effort (Days Fished)	Catch Rate				Catches (MT)						Total Catch (Mt)	
	Licensed (Number)	Covered (Number)		(MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		
			(Mt)		(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
Jan	6	6	16	37.65	225	38	292	50	55	9	0	0	15	3	587
Feb	6	6	56	44.54	1,656	67	714	29	110	4	0	0	8	0	2,488
Mar	7	5	68	44.36	1,498	50	1,406	47	104	3	1	0	8	0	3,017
Apr	7	6	80	41.58	938	28	2,147	65	213	6	1	0	17	1	3,316
May	7	6	18	59.53	44	4	995	94	21	2	0	0	3	0	1,064
Jun	7	5	8	2.23	6	33	12	66	0	0	0	0	0	1	18
Jul	8	5	28	31.82	659	73	227	25	9	1	1	0	7	1	904
Aug	8	6	45	26.68	542	45	605	50	48	4	1	0	17	1	1,213
Sep	8	5	65	59.01	1,766	46	1,671	44	359	9	2	0	11	0	3,809
Oct	9	7	41	43.43	721	41	914	52	100	6	0	0	32	2	1,767
Nov	9	6	23	32.30	315	42	328	44	107	14	0	0	2	0	752
Dec	9	6	11	14.60	38	23	82	50	38	23	0	0	6	4	164
Annual	8	6	459	41.64	8,409	44	9,392	49	1,165	6	6	0	129	1	19,100
Quarter 1	6	6	139	43.69	3,379	55	2,411	40	269	4	1	0	32	1	6,092
Quarter 2	7	6	106	41.66	988	22	3,154	72	235	5	1	0	21	0	4,398
Quarter 3	8	5	138	42.81	2,968	50	2,503	42	416	7	4	0	35	1	5,926
Quarter 4	9	6	75	35.67	1,074	40	1,324	49	245	9	0	0	41	2	2,684
First Semester	7	6	245	42.81	4,367	42	5,565	53	503	5	2	0	53	1	10,490
Second Semester	9	6	214	40.30	4,042	47	3,827	44	661	8	4	0	76	1	8,610

Country: OTHERS

Year: 2023

Month	Vessels		Effort (Days Fished)	Catch Rate				Catches (MT)						Total Catch (Mt)	
	Licensed (Number)	Covered (Number)		(MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		
			(Mt)		(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
Jan	9	9	18	12.15	121	54	91	41	8	4	0	0	3	1	223
Feb	9	9	26	12.22	139	44	154	49	19	6	0	0	1	0	313
Mar	9	8	76	42.87	2,095	65	986	30	150	5	0	0	12	0	3,243
Apr	9	9	83	32.88	1,757	64	712	26	240	9	0	0	34	1	2,743
May	6	6	30	16.80	388	76	113	22	6	1	0	0	3	1	510
Jun	6	6	38	20.59	118	15	642	82	13	2	0	0	5	1	779
Jul	6	6	38	8.76	202	61	96	29	24	7	0	0	7	2	329
Aug	6	6	35	22.56	417	53	325	41	20	2	0	0	30	4	792
Sep	6	6	20	15.99	76	24	205	65	22	7	0	0	16	5	318
Oct	6	6	31	37.34	265	23	772	67	53	5	0	0	65	6	1,154
Nov	6	5	58	15.53	226	25	538	59	71	8	0	0	70	8	906
Dec	6	5	71	17.65	315	25	766	61	116	9	0	0	55	4	1,252
Annual	7	7	524	23.97	6,120	49	5,399	43	741	6	0	0	300	2	12,561
Quarter 1	9	9	120	31.58	2,355	62	1,231	33	178	5	0	0	16	0	3,779
Quarter 2	7	7	152	26.59	2,264	56	1,467	36	259	6	0	0	42	1	4,032
Quarter 3	6	6	92	15.55	695	48	626	44	65	5	0	0	53	4	1,439
Quarter 4	6	5	160	20.67	806	24	2,076	63	240	7	0	0	190	6	3,312
First Semester	8	8	271	28.79	4,619	59	2,698	35	436	6	0	0	58	1	7,811
Second Semester	6	6	253	18.80	1,501	32	2,702	57	305	6	0	0	242	5	4,750

TABLE 1.4F Quarterly Catch, Effort and Catch Rate Statistics for Seychelles Flagged Purse Seiners by Geographical Areas

(Database Closed on 03/06/2024)

Country: SEYCHELLES

Year: 2022

Area	Quarter	Effort	Catch Rate	Catches		Skipjack		Bigeye		Albacore		Others		Total	Cumulative Total (Mt)
		Days Fished	MT/Fishing day	Yellowfin (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	
SYC EEZ	1	392	37.64	4,974	34	8,545	58	1,167	8	0	0	69	0.5	14,755	14,755
	2	216	27.69	1,886	32	3,677	62	381	6	0	0	32	0.5	5,977	20,732
	3	154	21.44	1,830	55	1,056	32	410	12	0	0	14	0.4	3,311	24,042
	4	76	35.09	800	30	1,525	58	318	12	0	0	7	0.3	2,650	26,692
SYC EEZ Total		838	31.86	9,490	36	14,803	55	2,277	9	0	0	123	0	26,692	
Foreign EEZ	1	14	0.00	0	0	0	0	0	0	0	0	0	0.0	0	0
	2	149	50.01	1,452	19	5,650	76	361	5	0	0	2	0.0	7,465	7,465
	3	15	38.43	128	22	412	69	53	9	0	0	2	0.3	594	8,059
	4	3	0.00	0	0	0	0	0	0	0	0	0	0.0	0	8,059
Foreign EEZ Total		182	44.20	1,580	20	6,062	75	413	5	0	0	4	0	8,059	
High Seas	1	426	44.20	4,803	26	12,279	65	1,423	8	0	0	316	1.7	18,821	18,821
	2	413	26.40	2,365	22	7,235	66	1,171	11	0	0	126	1.2	10,897	29,718
	3	717	49.10	7,892	22	23,666	67	3,210	9	0	0	437	1.2	35,205	64,923
	4	358	58.51	4,849	23	14,205	68	1,580	8	0	0	335	1.6	20,967	85,891
High Seas Total		1,914	44.88	19,908	23	57,385	67	7,384	9	0	0	1,213	1	85,891	
WIO Total	1	832	40.36	9,776	29	20,824	62	2,590	8	0	0	385	1	33,576	33,576
	2	778	31.29	5,703	23	16,562	68	1,914	8	0	0	160	1	24,339	57,915
	3	887	44.10	9,850	25	25,134	64	3,673	9	0	0	453	1	39,110	97,025
	4	437	54.00	5,648	14	15,730	40	1,897	5	0	0	342	1	23,617	120,642
Grand Total		2,934	41.12	30,978	26	78,250	65	10,074	8	0	0	1,340	1	120,642	

Country: SEYCHELLES

Year: 2023

Area	Quarter	Effort	Catch Rate	Catches		Skipjack		Bigeye		Albacore		Others		Total	Cumulative Total (Mt)
		Days Fished	MT/Fishing day	Yellowfin (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	
SYC EEZ	1	166	27.21	939	21	3,134	69	345	8	0	0	93	2.1	4,511	4,511
	2	215	21.16	1,067	23	3,123	69	320	7	0	0	45	1.0	4,555	9,065
	3	132	10.62	443	32	570	41	360	26	7	1	19	1.4	1,400	10,465
	4	212	18.19	1,112	29	2,409	62	296	8	0	0	44	1.1	3,861	14,326
SYC EEZ Total		725	19.75	3,561	25	9,237	64	1,320	9	7	0	201	1	14,326	
Foreign EEZ	1	175	51.36	1,443	16	7,014	78	504	6	0	0	27	0.3	8,988	8,988
	2	147	56.13	1,641	20	5,886	71	717	9	0	0	34	0.4	8,278	17,266
	3	70	26.00	498	27	1,008	56	272	15	4	0	30	1.7	1,810	19,076
	4	103	65.46	1,563	23	4,727	70	433	6	0	0	33	0.5	6,755	25,831
Foreign EEZ Total		495	52.15	5,144	20	18,635	72	1,925	7	4	0	124	0	25,831	
High Seas	1	548	40.50	5,346	24	14,561	66	1,934	9	0	0	366	1.6	22,207	22,207
	2	532	37.47	6,237	31	10,379	52	2,932	15	0	0	369	1.9	19,918	42,126
	3	789	27.66	3,901	18	15,563	71	1,776	8	3	0	593	2.7	21,836	63,962
	4	638	26.79	4,140	24	11,417	67	1,084	6	0	0	440	2.6	17,081	81,042
High Seas Total		2,507	32.33	19,625	24	51,920	64	7,726	10	3	0	1,768	2	81,042	
WIO Total	1	889	40.16	7,728	23	24,709	74	2,783	8	0	0	486	1	35,706	35,706
	2	894	36.62	8,946	37	19,389	80	3,968	16	0	0	448	2	32,750	68,457
	3	991	25.27	4,842	12	17,141	44	2,407	6	14	0	642	2	25,046	93,503
	4	953	29.06	6,814	29	18,553	79	1,813	8	0	0	516	2	27,697	121,200
Grand Total		3,727	32.52	28,329	23	79,792	66	10,972	9	14	0	2,093	2	121,200	

TABLE 1.4g Quarterly Proportion of Catch and Effort by Geographical Areas and Flag.

(Database Closed on 03/06/2024)

Country: ALL

Year: 2022

Quarter	Flag	Effort - Days Fished			Total Catch		
		Seychelles EEZ	Foreign EEZ	High Seas	Seychelles EEZ	Foreign EEZ	High Seas
1	Seychelles	47%	2%	51%	44%	0%	56%
	Spain	38%	1%	61%	38%	0%	62%
	France	55%	1%	44%	54%	0%	46%
	Others	44%	2%	54%	46%	3%	51%
Quarter 1 Total		45%	1%	54%	43%	0%	56%
2	Seychelles	28%	19%	53%	25%	31%	45%
	Spain	38%	1%	61%	45%	0%	54%
	France	26%	1%	74%	25%	0%	75%
	Others	26%	9%	65%	32%	6%	62%
Quarter 2 Total		30%	8%	62%	32%	11%	57%
3	Seychelles	17%	2%	81%	8%	2%	90%
	Spain	21%	0%	78%	16%	0%	84%
	France	40%	1%	59%	36%	2%	62%
	Others	33%	3%	64%	35%	2%	63%
Quarter 3 Total		25%	1%	74%	19%	1%	80%
4	Seychelles	17%	1%	82%	11%	0%	89%
	Spain	19%	1%	80%	15%	1%	84%
	France	33%	0%	67%	33%	0%	67%
	Others	17%	3%	80%	12%	1%	87%
Quarter 4 Total		20%	1%	78%	16%	0%	83%
Semester 1		38%	5%	58%	39%	4%	56%
Semester 2		23%	1%	75%	18%	1%	81%
Year Total		31%	3%	66%	28%	3%	69%

Country: ALL

Year: 2023

Quarter	Flag	Effort - Days Fished			Total Catch		
		Seychelles EEZ	Foreign EEZ	High Seas	Seychelles EEZ	Foreign EEZ	High Seas
1	Seychelles	19%	20%	62%	13%	25%	62%
	Spain	23%	1%	76%	18%	1%	81%
	France	24%	0%	75%	22%	1%	77%
	Others	21%	11%	68%	18%	15%	67%
Quarter 1 Total		21%	9%	70%	17%	11%	72%
2	Seychelles	24%	16%	59%	14%	25%	61%
	Spain	29%	2%	69%	28%	1%	71%
	France	51%	2%	48%	43%	1%	56%
	Others	34%	5%	61%	29%	7%	63%
Quarter 2 Total		32%	7%	60%	25%	11%	64%
3	Seychelles	13%	7%	80%	6%	7%	87%
	Spain	16%	5%	79%	7%	3%	90%
	France	29%	2%	70%	26%	0%	74%
	Others	23%	6%	71%	14%	4%	82%
Quarter 3 Total		18%	5%	77%	10%	4%	86%
4	Seychelles	22%	11%	67%	14%	24%	62%
	Spain	24%	5%	71%	18%	8%	74%
	France	39%	2%	59%	34%	1%	66%
	Others	44%	1%	56%	35%	0%	65%
Quarter 4 Total		29%	6%	65%	22%	11%	67%
Semester 1		27%	8%	65%	21%	11%	69%
Semester 2		23%	1%	75%	18%	1%	81%
Year Total		25%	7%	68%	19%	9%	72%

TABLE 1.5A Time Series Catch Statistics by School Type and Species for Purse Seiners in WIO

(Database Closed on 03/06/2024)

Country: ALL Area: WIO Years: 2013 - 2023

School Type	Species	Catch(MT)										
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Free School	YFT	34,461	46,270	62,075	47,714	46,797	14,228	30,852	19,436	38,635	39,275	26,741
	SKJ	5,464	6,495	7,558	7,627	6,250	5,304	25,427	5,236	9,015	31,710	12,416
	BET	4,207	5,840	9,638	2,666	10,054	2,134	5,659	1,597	5,785	4,921	6,737
	ALB	449	340	415	326	392	16	90	103	76	14	39
	OTH	4	24	56	10	5	2	38	11	33	216	106
	Free School Total	44,584	58,969	79,741	58,343	63,498	21,684	62,067	26,383	53,543	76,135	46,039
FAD Associated School	YFT	100,764	80,485	73,651	98,936	91,138	122,643	96,381	91,107	80,368	81,005	77,592
	SKJ	111,287	122,601	120,497	174,236	191,342	262,886	218,295	217,497	242,880	209,435	209,270
	BET	20,539	15,393	15,379	19,762	19,549	20,598	18,363	15,046	31,104	31,344	25,273
	ALB	50	181	121	95	80	87	67	32	84	25	9
	OTH	202	147	133	274	1,023	1,876	1,016	2,470	3,351	3,927	6,865
	FAD Associated School Total	232,842	218,807	209,781	293,303	303,132	408,091	334,123	326,153	357,786	325,737	319,009
Unidentified School	YFT	137	45	71	113	35	3,401	1,674	209	568	521	2,272
	SKJ	302	9	88	161	87	6,126	8,408	870	816	757	4,810
	BET	14	4	22	8	5	529	138	59	190	98	841
	ALB	0	3	0	0	1	0	0	0	5	0	0
	OTH	0	0	0	0	0	1	46	0	14	22	153
	Unidentified School Total	452	61	181	282	127	10,057	10,266	1,138	1,593	1,398	8,076
Total WIO Catch	YFT	135,361	126,800	135,797	146,763	137,970	140,273	128,907	110,752	119,571	120,801	106,605
	SKJ	117,053	129,105	128,143	182,024	197,680	274,315	252,131	223,603	252,711	241,903	226,495
	BET	24,760	21,236	25,039	22,435	29,608	23,261	24,160	16,702	37,078	36,362	32,851
	ALB	499	524	537	421	472	103	157	135	165	39	48
	OTH	206	172	188	284	1,027	1,879	1,100	2,481	3,397	4,164	7,124
		Total WIO	277,879	277,837	289,704	351,927	366,757	439,831	406,455	353,675	412,922	403,269

Country: ALL Area: WIO Years: 2013 - 2023

School Type	Species	Catch(%)										
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Free School	YFT	77%	78%	78%	82%	74%	66%	50%	74%	72%	52%	58%
	SKJ	12%	11%	9%	13%	10%	24%	41%	20%	17%	42%	27%
	BET	9%	10%	12%	5%	16%	10%	9%	6%	11%	6%	15%
	ALB	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FAD Associated School	YFT	43%	37%	35%	34%	30%	30%	29%	28%	22%	25%	24%
	SKJ	48%	56%	57%	59%	63%	64%	65%	67%	68%	64%	66%
	BET	9%	7%	7%	7%	6%	5%	5%	5%	9%	10%	8%
	ALB	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	2%
		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unidentified School	YFT	30%	73%	39%	40%	27%	34%	16%	18%	36%	37%	28%
	SKJ	67%	15%	49%	57%	68%	61%	82%	76%	51%	54%	60%
	BET	3%	7%	12%	3%	4%	5%	1%	5%	12%	7%	10%
	ALB	0%	5%	0%	0%	1%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	2%
		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total WIO	Free School	16%	21%	28%	17%	17%	5%	15%	7%	13%	19%	12%
	FAD Associated School	84%	79%	72%	83%	83%	93%	82%	92%	87%	81%	85%
	Unidentified School	0%	0%	0%	0%	0%	2%	3%	0%	0%	0%	2%

TABLE 1.5B Time Series Catch Statistics by School Type and Species for Purse Seiners in SYC EEZ

(Database Closed on 03/06/2024)

Country: ALL Area: SYC EEZ Years: 2013 - 2023

School Type	Species	Catch(MT)											
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Free School	YFT	7,225	14,758	13,993	21,467	18,966	3,303	15,216	16,934	7,286	27,787	12,267	
	SKJ	670	1,263	1,813	3,172	1,671	458	5,690	3,040	987	22,841	1,466	
	BET	784	1,783	1,410	818	2,823	434	3,554	1,302	615	3,396	1,866	
	ALB	157	51	47	75	195	4	86	99	11	9	13	
	OTH	0	0	41	6	1	1	7	10	4	109	24	
	Free School Total		8,836	17,854	17,305	25,540	23,657	4,201	24,553	21,385	8,903	54,142	15,636
FAD Associated School	YFT	11,068	13,959	9,988	20,777	17,042	26,668	20,528	23,625	7,511	17,576	14,651	
	SKJ	12,962	21,464	19,534	42,837	29,657	52,340	34,672	46,486	22,420	35,335	32,971	
	BET	2,910	2,392	2,147	3,610	2,824	3,765	4,070	3,632	2,495	5,266	3,545	
	ALB	4	31	40	52	20	25	24	20	22	10	2	
	OTH	89	93	27	79	77	142	139	296	532	742	1,170	
	FAD Associated School Total		27,033	37,939	31,736	67,354	49,620	82,940	59,434	74,059	32,979	58,929	52,339
Unidentified School	YFT	50	0	4	29	23	351	224	65	104	194	487	
	SKJ	88	0	2	32	55	1,101	808	157	60	296	609	
	BET	5	0	0	3	3	56	25	2	30	1	174	
	ALB	0	0	0	0	1	0	0	0	5	0		
	OTH	0	0	0	0	0	0	8	0	0	4	17	
	Unidentified School Total		143	0	6	64	83	1,507	1,065	224	199	495	1,287
Total EEZ Catch	YFT	18,343	28,717	23,985	42,273	36,032	30,322	35,969	40,624	14,901	45,558	27,404	
	SKJ	13,721	22,726	21,348	46,042	31,383	53,899	41,169	49,682	23,467	58,472	35,045	
	BET	3,698	4,175	3,558	4,431	5,651	4,255	7,648	4,936	3,140	8,663	5,586	
	ALB	161	83	87	127	215	30	111	119	39	19	15	
	OTH	89	93	68	85	78	143	155	306	535	854	1,211	
	Total		36,013	55,794	49,046	92,958	73,360	88,649	85,052	95,668	42,082	113,566	69,261

Country: ALL Area: SYC EEZ Years: 2013 - 2023

School Type	Species	Catch(%)										
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Free School	YFT	82%	83%	81%	84%	80%	79%	62%	79%	82%	51%	78%
	SKJ	8%	7%	10%	12%	7%	11%	23%	14%	11%	42%	9%
	BET	9%	10%	8%	3%	12%	10%	14%	6%	7%	6%	12%
	ALB	2%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FAD Associated School	YFT	41%	37%	31%	31%	34%	32%	35%	32%	23%	30%	28%
	SKJ	48%	57%	62%	64%	60%	63%	58%	63%	68%	60%	63%
	BET	11%	6%	7%	5%	6%	5%	7%	5%	8%	9%	7%
	ALB	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	2%
	Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unidentified School	YFT	35%	0%	65%	46%	28%	23%	21%	29%	52%	39%	38%
	SKJ	62%	0%	33%	51%	66%	73%	76%	70%	30%	60%	47%
	BET	3%	0%	2%	4%	4%	4%	2%	1%	15%	0%	14%
	ALB	0%	0%	0%	0%	1%	0%	0%	0%	3%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	1%
	Total		100%	0%	100%	100%	100%	100%	100%	100%	100%	100%
Total EEZ	Free School	25%	32%	35%	27%	32%	5%	29%	22%	21%	48%	23%
	FAD Associated School	75%	68%	65%	72%	68%	94%	70%	77%	78%	52%	76%
	Unidentified School	0%	0%	0%	0%	0%	2%	1%	0%	0%	0%	2%

TABLE 1.5C Time Series Catch Statistics by School Type and Agreement for Purse Seiners in WIO

(Database Closed on 03/06/2024)

Country: ALL

Area: WIO

Years: 2013 - 2023

Agreement	School Type	Catch(MT)										
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
National	Free School	7,171	8,035	21,622	9,185	18,557	3,665	7,002	2,797	7,844	16,271	12,238
	FAD associated School	49,883	52,220	67,108	99,169	103,566	119,544	97,623	109,383	115,041	104,371	108,962
	Unidentified School	270	0	10	260	79	102	7,996	51	0	0	0
National Total	All Schools	57,324	60,255	88,740	108,613	122,202	123,310	112,621	112,231	122,885	120,642	121,200
European Community	Free School	29,026	41,457	50,974	36,242	37,847	10,687	38,933	17,697	37,453	48,189	27,170
	FAD associated School	157,687	150,783	127,946	172,239	178,662	261,898	210,930	188,576	205,140	172,039	168,384
	Unidentified School	133	61	172	22	26	9,955	2,219	1,064	1,393	1,254	8,076
European Community Total	All Schools	186,845	192,301	179,091	208,503	216,535	282,540	252,082	207,338	243,986	221,482	203,630
Others	Free School	8,388	9,476	7,145	12,916	7,093	7,332	16,132	5,889	8,246	11,674	6,631
	FAD associated School	25,272	15,804	14,727	21,895	20,905	26,649	25,570	28,194	37,605	49,327	41,663
	Unidentified School	49	0	0	0	22	0	50	23	200	144	
Others Total	All Schools	33,710	25,280	21,873	34,811	28,020	33,981	41,753	34,106	46,051	61,145	48,293
Grand Total		277,879	277,837	289,704	351,927	366,757	439,831	406,455	353,675	412,922	403,269	373,123

Agreement	School Type	Catch(%)										
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
National	Free School	13%	13%	24%	8%	15%	3%	6%	2%	6%	13%	10%
	FAD associated School	87%	87%	76%	91%	85%	97%	87%	97%	94%	87%	90%
	Unidentified School	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%
National Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
European Community	Free School	16%	22%	28%	17%	17%	4%	15%	9%	15%	22%	13%
	FAD associated School	84%	78%	71%	83%	83%	93%	84%	91%	84%	78%	83%
	Unidentified School	0%	0%	0%	0%	0%	4%	1%	1%	1%	1%	4%
European Community Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Others	Free School	25%	37%	33%	37%	25%	22%	39%	17%	18%	19%	14%
	FAD associated School	75%	63%	67%	63%	75%	78%	61%	83%	82%	81%	86%
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Others Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 1.5D Time Series Catch Statistics by School Type and Agreement for Purse Seiners in SYC EEZ

(Database Closed on 03/06/2024)

Country: ALL

Area: SYC EEZ

Years: 2013 - 2023

Agreement	School Type	Catch(MT)										
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
National	Free School	1,014	1,001	3,028	3,194	4,940	357	3,204	2,173	1,636	11,361	1,507
	FAD associated School	5,457	6,574	8,617	17,946	10,575	24,444	14,007	23,006	9,771	15,331	12,819
	Unidentified School	21	0	6	47	57	10	877	51	0	0	0
National Total	All Schools	6,492	7,575	11,650	21,187	15,572	24,812	18,088	25,230	11,407	26,692	14,326
European Comunity	Free School	6,064	14,726	12,271	16,494	15,950	2,566	14,921	14,639	6,121	34,507	10,649
	FAD associated School	16,540	27,908	20,235	43,937	33,610	51,864	38,799	43,172	20,534	34,924	33,580
	Unidentified School	113	0	0	17	26	1,497	188	162	194	457	1,287
European Comunity Total	All Schools	22,717	42,633	32,506	60,448	49,586	55,927	53,908	57,973	26,849	69,888	45,516
Others	Free School	1,758	2,128	2,006	5,851	2,767	1,277	6,429	4,573	1,146	8,273	3,479
	FAD associated School	5,036	3,457	2,884	5,472	5,435	6,632	6,627	7,882	3,594	8,675	5,940
	Unidentified School	9	0	0	0	0	0	0	10	5	38	0
Others Total	All Schools	6,804	5,586	4,890	11,323	8,202	7,910	13,056	12,465	4,745	16,987	9,418
Grand Total		36,013	55,794	49,046	92,958	73,360	88,649	85,052	95,668	43,001	113,566	69,261

Agreement	School Type	Catch(%)										
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
National	Free School	16%	13%	26%	15%	32%	1%	18%	9%	14%	43%	11%
	Seychelles	84%	87%	74%	85%	68%	99%	77%	91%	86%	57%	89%
	Unidentified School	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%
National Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
European Comunity	Free School	27%	35%	38%	27%	32%	5%	28%	25%	23%	49%	23%
	FAD associated School	73%	65%	62%	73%	68%	93%	72%	74%	76%	50%	74%
	Unidentified School	0%	0%	0%	0%	0%	3%	0%	0%	1%	1%	3%
European Comunity Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Others	Free School	26%	38%	41%	52%	34%	16%	49%	37%	24%	49%	37%
	FAD associated School	74%	62%	59%	48%	66%	84%	51%	63%	76%	51%	63%
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Others Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 1.6 Quarterly Catch, Effort and Catch Rate Statistics for Purse Seiners by Access Regime in Seychelles EEZ

(Database Closed on 03/06/2024)

Area: SEYCHELLES EEZ

Year: 2022

Access Regime	Quarter	Effort	Catch Rate	Catches		Skipjack		Bigeye		Albacore		Others		Total	Cummulative
		Days Fished	MT/Fishing day	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	Total (Mt)
National	1	392	37.64	4,974	34	8,545	58	1,167	8	0	0	69	0	14,755	14,755
	2	216	27.69	1,886	32	3,677	62	381	6	0	0	32	1	5,977	20,732
	3	154	21.44	1,830	55	1,056	32	410	12	0	0	14	0	3,311	24,042
	4	76	35.09	800	30	1,525	58	318	12	0	0	7	0	2,650	26,692
National Total		838	31.86	9,490	36	14,803	55	2,277	9	0	0	123	0	26,692	
EC Agreement	1	687	47.28	14,247	44	15,906	49	2,088	6	4	0	233	1	32,478	32,478
	2	439	31.40	3,197	23	9,561	69	941	7	2	0	83	1	13,785	46,263
	3	426	34.80	7,587	51	5,472	37	1,540	10	10	0	211	1	14,820	61,083
	4	193	45.55	3,832	44	4,085	46	782	9	0	0	105	1	8,804	69,888
EC Agreement Total		1,745	40.05	28,862	41	35,026	50	5,351	8	15	0	633	1	69,888	
Others	1	106	45.95	2,562	53	2,060	42	225	5	1	0	31	1	4,880	4,880
	2	97	44.43	964	22	3,130	72	229	5	0	0	9	0	4,332	9,211
	3	116	46.53	2,720	50	2,261	42	393	7	2	0	23	0	5,399	14,610
	4	69	34.38	959	40	1,193	50	189	8	0	0	36	1	2,376	16,987
Others Total		389	43.68	7,206	42	8,644	51	1,035	6	3	0	98	1	16,987	
All Agreements	1	1,185	43.97	21,783	42	26,511	51	3,480	7	5	0	333	1	52,113	52,113
	2	752	32.03	6,048	25	16,368	68	1,551	6	2	0	124	1	24,093	76,206
	3	696	33.79	12,137	52	8,790	37	2,343	10	12	0	249	1	23,530	99,736
	4	338	40.93	5,590	40	6,803	49	1,288	9	0	0	148	1	13,830	113,566
Grand Total		2,972	38.22	45,558	40	58,472	51	8,663	8	19	0	854	1	113,566	

EC Agreement: Include: Seychelles

Other Agreement: Includes Korea and Mauritius

Area: SEYCHELLES EEZ

Year: 2023

Access Regime	Quarter	Effort	Catch Rate	Catches		Skipjack		Bigeye		Albacore		Others		Total	Cummulative
		Days Fished	MT/Fishing day	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	Total (Mt)
National	1	166	27.21	939	21	3,134	69	345	8	0	0	93	2	4,511	4,511
	2	215	21.16	1,067	23	3,123	69	320	7	0	0	45	1	4,555	9,065
	3	132	10.62	443	32	570	41	360	26	7	1	19	1	1,400	10,465
	4	212	18.19	1,112	29	2,409	62	296	8	0	0	44	1	3,861	14,326
National Total		725	19.75	3,561	25	9,237	64	1,320	9	7	0	201	1	14,326	
EC Agreement	1	352	34.75	4,360	36	6,787	55	930	8	1	0	153	1	12,231	12,231
	2	531	27.53	7,335	50	5,743	39	1,371	9	2	0	178	1	14,629	26,860
	3	337	19.80	3,970	59	1,918	29	625	9	4	0	160	2	6,677	33,538
	4	497	24.12	3,211	27	7,593	63	755	6	0	0	420	4	11,979	45,516
EC Agreement Total		1,717	26.51	18,877	41	22,041	48	3,680	8	7	0	911	2	45,516	
Others	1	114	32.61	2,351	63	1,165	31	174	5	0	0	14	0	3,704	3,704
	2	126	28.23	2,066	58	1,242	35	242	7	0	0	12	0	3,561	7,265
	3	47	6.89	56	17	230	71	31	9	0	0	8	2	325	7,590
	4	107	17.04	493	27	1,130	62	139	8	0	0	66	4	1,828	9,418
Others Total		394	23.90	4,966	53	3,767	40	585	6	0	0	100	1	9,418	
All Agreements	1	631	32.38	7,650	15	11,087	21	1,448	3	1	0	260	0	20,446	20,446
	2	873	26.06	10,469	43	10,108	42	1,932	8	2	0	235	1	22,745	43,191
	3	516	16.28	4,469	19	2,718	12	1,015	4	12	0	187	1	8,402	51,593
	4	816	21.65	4,816	35	11,132	80	1,190	9	0	0	530	4	17,667	69,261
Grand Total		2,836	24.42	27,404	40	35,045	51	5,586	8	15	0	1,211	2	69,261	

EC Agreement: Includes Spain, France and Italy

Other Agreement: Includes Korea, Mauritius, Oman and Tanzania

TABLE 1.7. Time Series of Landing and Transhipment Statistics of Purse Seiners by Port.

(Database Closed on 03/06/2024)

Country: ALL

Semester 1, Years: 2013 - 2023

Year	PORT					Total Grand Total	% of Total Landing & Transhipment In Seychelles
	SEYCHELLES	MADAGASCAR	MAURICE	MOMBASA	OTHERS*		
2013	94,013	19,955	8,951			122,919	76%
2014	114,826	3,023	9,390	3,971		131,211	88%
2015	127,511	7,679	3,118	3,241		141,548	90%
2016	141,550	3,335	2,285			147,171	96%
2017	177,115	6,558	1,880			185,552	95%
2018	217,847	1,483	6,128			225,459	97%
2019	198,416	1,365	3,371			203,152	98%
2020	157,860	4,644	2,209			164,713	96%
2021	194,557	5,301	3,846		661	204,366	95%
2022	174,287	9,988	9,169			193,445	90%
2023	193,217	8,215	3,016		2,160	206,608	94%

Country: ALL

Semester 2, Years: 2013 - 2023

Year	PORT					Total Grand Total	% of Total Landing & Transhipment In Seychelles
	SEYCHELLES	MADAGASCAR	MAURICE	MOMBASA	OTHERS*		
2013	139,561	4,287	9,297	1,527		154,672	90%
2014	130,948	1,514	7,368	1,507		141,338	93%
2015	141,576	175	2,981			144,732	98%
2016	187,261		3,172			190,433	98%
2017	165,409	1,301	3,370			170,080	97%
2018	209,134		1,198			210,331	99%
2019	192,892	13,776	743			207,411	93%
2020	178,524	5,049	3,997	1,810	553	189,934	94%
2021	194,984	11,893	6,049			212,926	92%
2022	199,109	8,575	3,816			211,499	94%
2023	154,453	13,589	779	508		169,329	91%

Country: ALL

Years: 2013 - 2023

Year	PORT					Total Grand Total	% of Total Landing & Transhipment In Seychelles
	SEYCHELLES	MADAGASCAR	MAURICE	MOMBASA	OTHERS*		
2013	233,574	24,242	18,247	1,527		277,591	84%
2014	245,774	4,538	16,758	5,479		272,549	90%
2015	269,087	7,855	6,099	3,241		286,280	94%
2016	328,812	3,335	5,457			337,604	97%
2017	342,523	7,859	5,250			355,632	96%
2018	426,981	1,483	7,326			435,791	98%
2019	391,308	15,141	4,114			410,563	95%
2020	336,384	9,693	6,206	1,810	553	354,647	95%
2021	389,542	17,193	9,895		661	417,292	93%
2022	373,395	18,564	12,985			404,944	92%
2023	347,670	23,964	3,795	508		375,936	92%

OTHERS* include South Korea and Abidjan

TABLE 1.7A Monthly Landing and Transhipment Statistics of Purse Seiners in Port Victoria

(Database Closed on 03/06/2024)

Port: VICTORIA, SEYCHELLES

Year: 2022

Month	Catches landed/transhipped (Mt)							Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transhipment in All Ports* (Mt)	% of Total Landing & Transhipment
	Yellowfin Tuna (Mt)	Skipjack Tuna (Mt)	Bigeye Tuna (Mt)	Albacore uTuna (Mt)	Frigate Tuna	Mix Species (Mt)	Bycatch Species (Mt)					
Jan	6,806	13,660	2,008			2,899	270	25,642	0	25,642	28,172	98%
Feb	12,445	19,115	2,683		13	3,246	499	38,002	0	38,002	42,520	92%
Mar	14,997	18,014	2,412		29	1,011	394	36,856	13	36,869	41,071	92%
Apr	8,120	18,328	1,290		2	5,355	204	33,298	0	33,299	34,278	91%
May	4,655	13,185	1,073		1	3,431	132	22,477	0	22,477	29,405	100%
Jun	3,668	12,342	1,237	1	2	557	192	17,998	0	17,998	17,998	100%
Jul	6,702	10,918	2,197	0	8	15	293	20,134	0	20,134	20,134	100%
Aug	12,532	22,361	3,446	1	1	1,310	212	39,863	0	39,863	39,863	98%
Sep	13,834	26,828	4,753	11	14	1,579	422	47,442	142	47,584	50,048	82%
Oct	14,706	31,006	4,341		7	39	455	50,555	5	50,559	58,491	90%
Nov	8,393	18,578	3,463		133	36	526	31,128	13	31,141	32,564	89%
Dec	2,452	6,152	716		337	41	126	9,824	3	9,826	10,398	100%
Annual	109,312	210,486	29,618	13	546	19,518	3,725	373,219	176	373,395	404,944	92%
Quarter 1	34,249	50,788	7,103	0		7,155	1,163	100,500	13	100,513	111,763	90%
Quarter 2	16,443	43,855	3,599	1		9,343	528	73,773	0	73,774	81,681	90%
Quarter 3	33,068	60,108	10,397	12		2,904	927	107,439	142	107,581	110,046	98%
Quarter 4	25,552	55,735	8,520	0		116	1,107	91,507	20	91,527	101,454	90%
First Semester	50,692	94,643	10,702	1		16,498	1,691	174,273	14	174,287	193,445	90%
Second Semester	58,620	115,843	18,917	12		3,020	2,034	198,946	163	199,109	211,499	94%

* Refers to total catch landed and transhipped in all ports and include discards

Port: VICTORIA, SEYCHELLES

Year: 2023

Month	Catches landed/transhipped (Mt)							Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transhipment in All Ports* (Mt)	% of Total Landing & Transhipment
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)		Mix Species (Mt)	Bycatch (Mt)					
Jan	6,418	11,923	2,503		2	13	163	21,023	3	21,026	22,170	95%
Feb	10,343	21,005	3,228				598	35,174	4	35,178	37,162	95%
Mar	12,108	28,010	4,910		15	544	584	46,172	73	46,245	49,662	93%
Apr	9,256	19,591	2,572				642	32,061	16	32,077	37,364	86%
May	7,078	18,954	2,403		39		862	29,337	6	29,343	30,902	95%
Jun	12,313	12,915	3,247	0	319		546	29,340	8	29,348	29,348	100%
Jul	9,180	8,636	3,836	49			168	21,868	20	21,888	22,971	95%
Aug	8,856	18,656	2,799	17	12		557	30,898	23	30,920	33,461	92%
Sep	5,579	22,012	1,338		124		1,081	30,134	73	30,206	32,306	94%
Oct	7,063	17,996	1,796			27	1,138	28,020	14	28,034	32,070	87%
Nov	6,168	16,734	1,506				865	25,273	42	25,314	27,484	92%
Dec	4,188	12,060	1,340	1			480	18,069	21	18,090	21,036	86%
Annual	98,549	208,492	31,478	67	511	585	7,685	347,367	303	347,670	375,936	92%
Quarter 1	28,869	60,938	10,641	0		558	1,346	102,369	80	102,449	108,994	94%
Quarter 2	28,647	51,460	8,222	0		0	2,050	90,738	30	90,768	97,613	93%
Quarter 3	23,615	49,304	7,973	66		0	1,806	82,899	115	83,015	88,739	94%
Quarter 4	17,418	46,790	4,642	1		27	2,483	71,361	77	71,438	80,590	89%
First Semester	57,516	112,399	18,863	0		558	3,396	193,107	110	193,217	206,608	94%
Second Semester	41,033	96,094	12,614	67		27	4,289	154,260	193	154,453	169,329	91%

* Refers to total catch landed and transhipped in all ports and include discards

TABLE 1.7B Monthly Landing and Transshipment Statistics of Purse Seiners in Port Madagascar

(Database Closed on 03/06/2024)

Port: MADAGASCAR

Year: 2022

Month	Catches (Mt)						Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transshipment in All Ports* (Mt)	% of Total Landing & Transshipment*
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)	Mix Species (Mt)	Bycatch (Mt)					
Jan	580	1,678	271	1	0	0	2,530	0	2,530	28,172	9%
Feb	849	2,669	402	0	0	0	3,919	0	3,919	42,520	9%
Mar	0	0	0	0	0	0	0	0	0	41,071	0%
Apr	0	0	0	0	0	0	0	0	0	34,278	0%
May	713	2,644	183	0	0	0	3,539	0	3,539	29,405	12%
Jun	0	0	0	0	0	0	0	0	0	17,998	0%
Jul	0	0	0	0	0	0	0	0	0	20,134	0%
Aug	0	0	0	0	0	0	0	0	0	39,863	0%
Sep	674	1,678	112	0	0	0	2,464	0	2,464	50,048	5%
Oct	1,466	2,761	140	0	0	0	4,368	0	4,368	58,491	7%
Nov	286	843	42	0	0	0	1,171	0	1,171	32,564	4%
Dec	121	379	72	0	0	0	572	0	572	10,398	6%
Annual Total	4,689	12,653	1,221	1	0	0	18,564	0	18,564	404,944	5%
Quarter 1	1,429	4,347	673	1	0	0	6,449	0	6,449	111,763	6%
Quarter 2	713	2,644	183	0	0	0	3,539	0	3,539	81,681	4%
Quarter 3	674	1,678	112	0	0	0	2,464	0	2,464	110,046	2%
Quarter 4	1,874	3,984	253	0	0	0	6,111	0	6,111	101,454	6%
First Semester	2,141	6,991	855	1	0	0	9,988	0	9,988	193,445	5%
Second Semester	2,548	5,662	365	0	0	0	8,575	0	8,575	211,499	4%

* Refers to total catch landed and transhipped in all ports.

Port: MADAGASCAR

Year: 2023

Month	Catches (Mt)						Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transshipment in All Ports* (Mt)	% of Total Landing & Transshipment*
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)	Mix Species (Mt)	Bycatch (Mt)					
Jan	199	756	180	0	0	8	1,143	0	1,143	22,170	5%
Feb	309	1,088	116	0	0	0	1,513	0	1,513	37,162	4%
Mar	825	2,394	159	0	0	25	3,403	15	3,418	49,662	7%
Apr	483	2,134	125	0	0	0	2,742	0	2,742	37,364	7%
May	155	1,326	75	0	0	3	1,559	0	1,559	30,902	5%
Jun	0	0	0	0	0	0	0	0	0	29,348	0%
Jul	43	529	3	0	0	0	576	0	576	22,971	3%
Aug	426	1,267	47	0	0	61	1,801	0	1,801	33,461	5%
Sep	705	1,238	50	0	0	106	2,100	0	2,100	32,306	6%
Oct	1,368	2,328	125	0	0	214	4,036	0	4,036	32,070	13%
Nov	706	1,326	96	0	0	2	2,131	0	2,131	27,484	8%
Dec	333	2,416	158	0	0	40	2,946	0	2,946	21,036	14%
Annual Total	5,552	16,801	1,135	0	0	460	23,949	15	23,964	375,936	6%
Quarter 1	1,333	4,237	456	0	0	36	6,059	15	6,074	108,994	6%
Quarter 2	1,107	5,256	250	0	0	382	4,301	0	4,301	97,613	4%
Quarter 3	2,779	4,893	272	0	0	363	4,476	0	4,476	88,739	5%
Quarter 4	333	2,416	158	0	0	#REF!	9,113	0	9,113	80,590	11%
First Semester	2,440	9,493	705	0	0	418	10,360	15	10,375	206,608	5%
Second Semester	3,112	7,308	430	0	0	363	13,589	0	13,589	169,329	8%

* Refers to total catch landed and transhipped in all ports.

TABLE 1.7C Monthly Landing and Transhipment of Purse Seiners Statistics in Port Louis

(Database Closed on 03/06/2024)

Port: PORT LOUIS, MAURITIUS

Year: 2022

Month	Catches (Mt)						Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transhipment in All Ports* (Mt)	% of Total Landing & Transhipment*
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)	Mix Species (Mt)	Bycatch (Mt)					
Jan	0	0	0	0	0	0	0	0	0	28,172	0%
Feb	266	282	23	0	0	27	599	0	599	42,520	1%
Mar	1,286	2,538	278	0	3	98	4,202	0	4,202	41,071	10%
Apr	713	0	266	0	0	0	979	0	979	34,278	3%
May	583	2,417	367	0	0	21	3,389	0	3,389	29,405	12%
Jun	0	0	0	0	0	0	0	0	0	17,998	0%
Jul	0	0	0	0	0	0	0	0	0	20,134	0%
Aug	0	0	0	0	0	0	0	0	0	39,863	0%
Sep	0	0	0	0	0	0	0	0	0	50,048	0%
Oct	880	2,484	185	0	0	14	3,564	0	3,564	58,491	6%
Nov	58	96	89	0	0	9	252	0	252	32,564	1%
Dec	0	0	0	0	0	0	0	0	0	10,398	0%
Annual Total	3,787	7,817	1,209	0	3	170	12,985	0	12,985	404,944	3%
Quarter 1	1,552	2,820	301	0	3	147	4,801	0	4,801	111,763	4%
Quarter 2	1,297	2,417	634	0	0	21	4,368	0	4,368	81,681	5%
Quarter 3	0	0	0	0	0	0	0	0	0	110,046	0%
Quarter 4	938	2,580	274	0	0	23	3,816	0	3,816	101,454	4%
First Semester	2,848	5,237	935	0	3	147	9,169	0	9,169	193,445	5%
Second Semester	938	2,580	274	0	0	23	3,816	0	3,816	211,499	2%

* Refers to total catch landed and transhipped in all ports.

Port: PORT LOUIS, MAURITIUS

Year: 2023

Month	Catches (Mt)						Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transhipment in All Ports* (Mt)	% of Total Landing & Transhipment*
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)	Mix Species (Mt)	Bycatch (Mt)					
Jan	0	0	0	0	0	0	0	0	0	22,170	0%
Feb	15	432	24	0	0	0	471	1	471	37,162	1%
Mar	0	0	0	0	0	0	0	0	0	49,662	0%
Apr	1,048	1,174	234	0	0	88	2,545	0	2,545	37,364	7%
May	0	0	0	0	0	0	0	0	0	30,902	0%
Jun	0	0	0	0	0	0	0	0	0	29,348	0%
Jul	0	0	0	0	0	0	0	0	0	22,971	0%
Aug	423	225	45	0	0	43	736	4	740	33,461	2%
Sep	0	0	0	0	0	0	0	0	0	32,306	0%
Oct	0	0	0	0	0	0	0	0	0	32,070	0%
Nov	5	28	5	0	0	0	39	0	39	27,484	0%
Dec	0	0	0	0	0	0	0	0	0	21,036	0%
Annual Total	1,491	1,859	308	0	0	131	3,790	5	3,795	375,936	1%
Quarter 1	15	432	24	0	0	131	471	5	471	108,994	0%
Quarter 2	1,048	1,174	234	0	0	88	2,545	0	2,545	97,613	3%
Quarter 3	423	225	45	0	0	43	736	4	740	88,739	1%
Quarter 4	5	28	5	0	0	0	39	0	39	80,590	0%
First Semester	1,063	1,606	258	0	0	88	3,015	1	3,016	206,608	1%
Second Semester	428	253	50	0	0	43	774	4	779	169,329	0%

* Refers to total catch landed and transhipped in all ports.

TABLE 1.7D Monthly Landing and Transhipment of Purse Seiners Statistics in Port Others

(Database Closed on 03/06/2024)

Port: OTHERS**

Year: 2022

Month	Catches (Mt)						Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transhipment in All Ports* (Mt)	% of Total Landing & Transhipment*
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)	Mix Species (Mt)	Bycatch (Mt)					
Jan	0	0	0	0	0	0	0	0	0	28,172	0%
Feb	0	0	0	0	0	0	0	0	0	42,520	0%
Mar	0	0	0	0	0	0	0	0	0	41,071	0%
Apr	0	0	0	0	0	0	0	0	0	34,278	0%
May	0	0	0	0	0	0	0	0	0	29,405	0%
Jun	0	0	0	0	0	0	0	0	0	17,998	0%
Jul	0	0	0	0	0	0	0	0	0	20,134	0%
Aug	0	0	0	0	0	0	0	0	0	39,863	0%
Sep	0	0	0	0	0	0	0	0	0	50,048	0%
Oct	0	0	0	0	0	0	0	0	0	58,491	0%
Nov	0	0	0	0	0	0	0	0	0	32,564	0%
Dec	0	0	0	0	0	0	0	0	0	10,398	0%
Annual Total	0	0	0	0	0	0	0	0	0	404,944	0%
Quarter 1	0	0	0	0	0	0	0	0	0	111,763	0%
Quarter 2	0	0	0	0	0	0	0	0	0	81,681	0%
Quarter 3	0	0	0	0	0	0	0	0	0	110,046	0%
Quarter 4	0	0	0	0	0	0	0	0	0	101,454	0%
First Semester	0	0	0	0	0	0	0	0	0	193,445	0%
Second Semester	0	0	0	0	0	0	0	0	0	211,499	0%

* Refers to total catch landed and transhipped in all ports.

**OTHERS include Mombassa ,South Korea and Abidjan

Port: OTHERS**

Year: 2023

Month	Catches (Mt)						Total (Mt)	Discards (Mt)	Total + Discards (Mt)	Total Landing & Transhipment in All Ports* (Mt)	% of Total Landing & Transhipment*
	Yellowfin (Mt)	Skipjack (Mt)	Bigeye (Mt)	Albacore (Mt)	Mix Species (Mt)	Bycatch (Mt)					
Jan	0	0	0	0	0	0	0	0	0	22,170	0%
Feb	0	0	0	0	0	0	0	0	0	37,162	0%
Mar	0	0	0	0	0	0	0	0	0	49,662	0%
Apr	0	0	0	0	0	0	0	0	0	37,364	0%
May	0	0	0	0	0	0	0	0	0	30,902	0%
Jun	0	0	0	0	0	0	0	0	0	29,348	0%
Jul	322	142	43	1	0	0	508	0	508	22,971	2%
Aug	0	0	0	0	0	0	0	0	0	33,461	0%
Sep	0	0	0	0	0	0	0	0	0	32,306	0%
Oct	0	0	0	0	0	0	0	0	0	32,070	0%
Nov	0	0	0	0	0	0	0	0	0	27,484	0%
Dec	0	0	0	0	0	0	0	0	0	21,036	0%
Annual Total	322	142	43	1	0	0	508	0	508	375,936	0%
Quarter 1	0	0	0	0	0	0	0	0	0	108,994	0%
Quarter 2	0	0	0	0	0	0	0	0	0	97,613	0%
Quarter 3	322	142	43	1	0	0	508	0	508	88,739	1%
Quarter 4	0	0	0	0	0	0	0	0	0	80,590	0%
First Semester	0	0	0	0	0	0	0	0	0	206,608	0%
Second Semester	322	142	43	1	0	0	508	0	508	169,329	0%

* Refers to total catch landed and transhipped in all ports.

TABLE 1.8 Monthly Landing and Transhipment by Purse Seiners by Flag in Port Victoria

(Database Closed on 03/06/2024)

Port: Victoria, Seychelles

Year: 2022

Month	Landing by Flag					Transhipment by Flag					Landing + Transhipment by Flag				
	Seychelles	Spain	France	Others	Grand Total	Seychelles	Spain	France	Others	Grand Total	Seychelles	Spain	France	Others	Grand Total
Jan	160	1,385	704	232	2,481	4,164	11,337	3,988	3,672	23,161	4,324	12,722	4,692	3,904	25,642
Feb	631	1,044	2,895	909	5,479	12,191	13,399	3,980	2,952	32,523	12,822	14,443	6,875	3,862	38,002
Mar	1,805	1,608	1,925	1,105	6,443	9,712	14,076	2,685	3,954	30,426	11,517	15,684	4,610	5,059	36,869
Apr	49	21	1,818	526	2,414	10,180	10,602	4,392	5,710	30,885	10,230	10,622	6,211	6,236	33,299
May	1,032	1,676	315	1,071	4,093	3,004	7,328	4,676	3,376	18,383	4,036	9,004	4,991	4,447	22,477
Jun	2,888	550	970	119	4,527	3,494	4,552	2,740	2,685	13,472	6,382	5,103	3,710	2,804	17,998
Jul	2,434	383	1,821	57	4,695	3,795	7,955	1,951	1,738	15,440	6,229	8,338	3,773	1,795	20,134
Aug	2,716	2,421	1,049	868	7,054	12,362	12,351	2,906	5,189	32,809	15,078	14,773	3,956	6,057	39,863
Sep	1,592	1,665	2,457	935	6,649	14,238	19,753	2,767	4,176	40,935	15,830	21,418	5,224	5,111	47,584
Oct	1,149	3,710	3,322	676	8,856	11,404	16,508	5,728	8,063	41,703	12,553	20,218	9,050	8,739	50,559
Nov	743		2,559	611	3,912	12,162	6,897	2,522	5,649	27,229	12,905	6,897	5,080	6,259	31,141
Dec	461	503	534		1,499	1,872	238	490	5,726	8,327	2,334	742	1,025	5,726	9,826
Annual Total	15,659	14,966	20,369	7,109	58,103	98,580	124,997	38,826	52,890	315,293	114,239	139,963	59,195	59,998	373,395
Quarter 1	2,595	4,037	5,523	2,247	14,403	26,067	38,812	10,653	10,578	86,110	28,663	42,849	16,176	12,824	100,513
Quarter 2	3,969	2,247	3,103	1,715	11,034	16,679	22,482	11,808	11,771	62,740	20,647	24,728	14,911	13,487	73,774
Quarter 3	6,741	4,469	5,328	1,860	18,398	30,396	40,060	7,625	11,103	89,184	37,137	44,529	12,953	12,963	107,581
Quarter 4	2,354	4,213	6,415	1,287	14,268	25,439	23,643	8,740	19,437	77,259	27,792	27,856	15,155	20,724	91,527
Semester 1	6,564	6,284	8,627	3,962	25,437	42,746	61,294	22,461	22,349	148,850	49,310	67,578	31,088	26,311	174,287
Semester 2	9,095	8,682	11,742	3,146	32,666	55,834	63,703	16,365	30,541	166,443	64,929	72,385	28,107	33,687	199,109

Port: Victoria, Seychelles

Year: 2023

Month	Landing by Flag					Transhipment by Flag					Landing + Transhipment by Flag				
	Seychelles	Spain	France	Others	Grand Total	Seychelles	Spain	France	Others	Grand Total	Seychelles	Spain	France	Others	Grand Total
Jan	627	2,553	2,038	237	5,456	2,030	8,839	2,302	2,399	15,570	2,657	11,392	4,341	2,636	21,026
Feb	1,689	2,074	1,347	176	5,286	11,677	8,268	3,387	6,560	29,893	13,366	10,342	4,734	6,736	35,178
Mar	2,184	1,842	1,920	679	6,625	10,575	16,228	3,901	8,915	39,619	12,759	18,070	5,821	9,595	46,245
Apr	720	1,522	1,569	918	4,729	10,080	11,458	1,505	4,305	27,348	10,800	12,980	3,075	5,222	32,077
May	2,823	448	2,280	194	5,744	7,193	9,078	2,053	5,275	23,599	10,016	9,526	4,333	5,469	29,343
Jun	630	1,534	1,858	619	4,641	10,186	7,012	3,069	4,441	24,707	10,816	8,545	4,926	5,060	29,348
Jul	573	1,034	1,384	289	3,280	7,582	6,683	1,185	3,157	18,608	8,155	7,718	2,570	3,446	21,888
Aug	2,548	1,204	601	746	5,099	7,850	13,226	821	3,924	25,821	10,399	14,430	1,422	4,670	30,920
Sep	2,241	1,059	1,860	753	5,913	6,196	11,125	397	6,576	24,294	8,437	12,184	2,256	7,330	30,206
Oct	2,124	754	873	173	3,924	5,620	12,050	1,467	4,974	24,110	7,744	12,803	2,340	5,147	28,034
Nov	2,704	1,731	1,317	86	5,838	9,056	4,573	1,599	4,249	19,476	11,760	6,304	2,915	4,335	25,314
Dec	931	731	1,569	1,143	4,374	4,290	6,213	1,496	1,717	13,716	5,221	6,943	3,066	2,860	18,090
Annual Total	19,793	16,485	18,616	6,014	60,908	92,336	114,752	23,181	56,492	286,762	112,129	131,237	41,798	62,506	347,670
Quarter 1	4,500	6,469	5,306	1,092	17,367	24,283	33,335	9,590	17,874	85,082	28,783	39,804	14,895	18,967	102,449
Quarter 2	4,172	3,504	5,707	1,731	15,114	27,459	27,547	6,627	14,020	75,654	31,632	31,051	12,334	15,751	90,768
Quarter 3	5,362	3,297	3,845	1,788	14,291	21,628	31,034	2,403	13,658	68,723	26,990	34,332	6,247	15,446	83,015
Quarter 4	5,759	3,215	3,759	1,402	14,136	18,966	22,835	4,562	10,940	57,302	24,725	26,050	8,321	12,342	71,438
Semester 1	8,673	9,972	11,012	2,823	32,481	51,742	60,883	16,217	31,895	160,736	60,415	70,855	27,229	34,718	193,217
Semester 2	11,120	6,512	7,604	3,190	28,427	40,594	53,870	6,965	24,597	126,026	51,715	60,382	14,569	27,788	154,453

TABLE 1.9 Quarterly Landing and Transshipment by Purse Seiners by Species Category in Port Victoria

(Database Closed on 03/06/2024)

Port: **VICTORIA, SEYCHELLES**

Year: **2022**

	Destination	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Frigate	Mix Species	Bycatch (MT)	Total (Mt)	
			(-10kg)	(+10kg)	(Mix)	(-1.8kg)	1.8kg - 3.4kg	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)						
Landing (Mt)	Local Company	Quarter 1												3	36	980	1,019	
		Quarter 2													33	469	502	
		Quarter 3			467			390			386				6	15	791	2,054
		Quarter 4	15	260	576	13	1,235	650	70	25	30					34	912	3,820
	Local Company Total			15	260	1,042	13	1,235	0	1,041	70	25	416	0	9	118	3,152	7,395
	IOT	Quarter 1	1,435	4,603	596	300	2,821	1,156	1,590	369	227	82			9	71	13,259	
		Quarter 2	898	1,878	452	486	2,256	2,532	890	315	139	65			563	35	10,508	
		Quarter 3	1,339	6,086	1,993	1,158	2,256	2,475	169	444	97	48				66	16,131	
		Quarter 4	927	3,737	247	476	1,069	2,480	590	444	238	22				3	27	10,260
	IOT Landing Total			4,598	16,303	3,288	2,421	8,402	8,642	3,240	1,572	701	217	0	0	575	199	50,157
Landing Total			4,613	16,563	4,330	2,434	9,637	8,642	4,280	1,642	726	633	0	9	693	3,351	57,552	
Transshipment (Mt)	Container	Quarter 1	1,974	11,438	9,503	779	9,866	3,075	10,484	1,134	1,357	2,058		31	5,850	53	57,601	
		Quarter 2	1,736	5,468	2,733	1,028	6,228	4,707	6,753	650	800	758	1	3	4,527	8	35,400	
		Quarter 3	2,332	10,686	3,601	3,178	10,588	6,348	7,246	1,671	3,188	2,108	12	12	1,889	64	52,923	
		Quarter 4	1,611	6,497	2,568	3,715	4,292	3,122	3,889	902	1,328	1,624		168	4	166	29,886	
	Container Total			7,652	34,089	18,405	8,700	30,974	17,251	28,373	4,356	6,673	6,548	13	214	12,270	291	175,810
	Reefer	Quarter 1	3,002	1,055	644	2,131	11,336	4,132	3,119	1,098	383	394		8	1,260	58	28,621	
		Quarter 2	1,299	1,314	665	1,072	7,037	5,815	5,050	534	225	115		2	4,220	16	27,364	
		Quarter 3	1,078	1,152	4,336	2,214	6,011	7,395	10,678	454	249	1,751		5	1,000	7	36,331	
		Quarter 4	2,802	2,956	3,356	4,914	7,528	12,389	9,372	1,389	888	1,561		309	74	2	47,541	
	Reefer Total			8,180	6,478	9,002	10,331	31,913	29,732	28,219	3,474	1,745	3,821	0	324	6,555	83	139,856
Transshipment Total			15,832	40,567	27,406	19,032	62,887	46,984	56,592	7,830	8,418	10,369	13	538	18,825	374	315,667	
Total (Mt)		Quarter 1	6,410	17,096	10,743	3,209	24,023	8,363	15,193	2,600	1,967	2,535	0		7,155	1,163	100,458	
		Quarter 2	3,932	8,660	3,850	2,587	15,520	13,055	12,693	1,498	1,164	937	1		9,343	528	73,769	
		Quarter 3	4,748	17,923	10,397	6,551	18,855	16,218	18,484	2,570	3,534	4,293	12		2,904	927	107,416	
		Quarter 4	5,356	13,449	6,747	9,118	14,125	17,991	14,501	2,804	2,479	3,237	0		116	1,107	91,030	
	Year Total			20,445	57,130	31,737	21,465	72,523	55,626	60,872	9,472	9,144	11,002	13	546	19,518	3,725	373,219

Mix Species* includes all tuna species that are not reported by species and category.

Note: The landing and transshipment presented in this table excludes discards.

	Destination	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Frigate	Mix Species	Bycatch (MT)	Total (Mt)
			(-10kg)	(+10kg)	(Mix)	(-1.8kg)	1.8kg - 3.4kg	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)					
Landing (Mt)	Local Company	Quarter 1	59	309		8	276	241		29	62					1,153	2,139
		Quarter 2														1,590	1,590
		Quarter 3														1,493	1,493
		Quarter 4	50	12		3	97	41		11						2,352	2,565
	Local Company Total		109	321	0	10	373	282	0	40	62	0	0	0	0	6,589	7,787
	IOT	Quarter 1	907	3,271	995	1,185	2,098	3,128	1,848	565	255	240			463	22	14,978
		Quarter 2	1,598	3,052	1,579	359	2,493	2,940	322	261	247	181				163	13,197
		Quarter 3	1,341	1,882	552	2,445	1,404	2,744	1,614	151	203	33				44	12,413
		Quarter 4	2,283	396	196	1,293	3,380	2,527	698	432	84	75				60	11,422
	IOT Landing Total		6,130	8,601	3,322	5,282	9,375	11,339	4,483	1,408	790	529	0	0	463	288	52,010
Landing Total		6,239	8,922	3,322	5,292	9,748	11,621	4,483	1,449	852	529	0	0	463	6,877	59,798	
Transhipment (Mt)	Container	Quarter 1	3,748	7,518	6,627	3,659	6,950	6,097	8,683	2,052	1,819	2,864		15		166	50,198
		Quarter 2	2,881	8,552	3,838	1,215	5,981	4,897	3,729	1,274	1,879	1,236		358		294	36,134
		Quarter 3	1,528	6,056	3,162	4,597	3,856	7,225	2,399	813	3,019	1,839	44	136		170	34,845
		Quarter 4	4,246	1,866	2,664	2,512	7,061	7,611	5,860	1,796	250	1,215	1		27	71	35,182
	Container Total		12,404	23,992	16,291	11,983	23,849	25,830	20,671	5,935	6,968	7,155	45	509	27	701	156,359
	Reefer	Quarter 1	2,544	1,699	1,190	3,729	8,806	7,192	7,037	1,427	550	779			94	5	35,054
		Quarter 2	2,091	2,407	2,648	2,418	9,939	7,494	9,673	796	1,237	1,110	0			3	39,817
		Quarter 3	3,462	1,774	3,858	4,482	5,992	7,744	4,800	843	291	780	22			99	34,148
		Quarter 4	3,069	1,261	1,375	3,301	4,547	2,575	5,285	295	41	441	0				22,192
	Reefer Total		11,167	7,141	9,071	13,931	29,284	25,005	26,795	3,361	2,119	3,110	22	2	94	106	131,210
Transhipment Total		23,571	31,133	25,362	25,914	53,133	50,836	47,466	9,296	9,087	10,265	67	511	121	808	287,570	
Total (Mt)		Quarter 1	7,260	12,797	8,812	8,581	18,131	16,658	17,569	4,072	2,685	3,884	0	0	0	1,346	101,794
		Quarter 2	6,571	14,011	8,065	3,992	18,413	15,331	13,724	2,331	3,363	2,527	0	0	0	2,050	90,380
		Quarter 3	6,331	9,711	7,572	11,524	11,252	17,714	8,813	1,807	3,514	2,652	66	66	66	1,806	82,895
		Quarter 4	9,649	3,535	4,235	7,108	15,085	12,754	11,843	2,535	376	1,731	1	1	1	2,483	71,337
Year Total		29,810	40,055	28,684	31,206	62,881	62,457	51,948	10,745	9,939	10,794	67	511	585	7,685	347,367	

Mix Species* includes all tuna species that are not reported by species and category.

Note: The landing and transhipment presented in this table excludes discards.

TABLE 1.10 Quarterly Landing and Transshipment OF Purse Seiners by Access Regime in Port Victoria

(Database Closed on 03/06/2024)

Port: VICTORIA, SEYCHELLES

Year: 2022

	Access Regime	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Frigate	Mix Species	Bycatch	Total (Mt)	Cumulative Total (Mt)
			(-10kg)	(+10kg)	(Mix)	(-1.8)	(1.8kg - 3.4kg)	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)						
Landing	National	Quarter 1	312	759		28	378	380		22	1					695	2,576	2,576
		Quarter 2	354	414		341	1,209	1,286		107	30					223	3,965	6,541
		Quarter 3	246	3,424		331	859	1,144		59	28					488	6,579	13,120
		Quarter 4	227	553		17	174	665		106	45					510	2,296	15,417
		National Total	1,139	5,149		717	2,619	3,476		294	105					1,917	15,417	
	EU Agreement	Quarter 1	846	3,619	596	257	2,105	661	1,590	264	207	82		3	45	292	10,569	10,569
		Quarter 2	350	1,260	452	103	710	450	890	139	75	65			595	241	5,330	15,899
		Quarter 3	966	2,310	2,460	782	915	1,054	560	276	58	434		6	15	269	10,106	26,005
		Quarter 4	665	3,176	325	472	2,118	1,709	1,240	398	212	32			37	418	10,804	36,809
	EU Agreement Total	2,828	10,366	3,833	1,614	5,848	3,875	4,280	1,078	552	613		9	693	1,219	36,809		
	Others	Quarter 1	276	225		15	338	114		82	19					64	1,133	1,133
		Quarter 2	194	203		43	338	795		69	34					40	1,714	2,847
		Quarter 3	126	352		45	482	277		109	11					99	1,500	4,347
		Quarter 4	51	267	497	0	12	105		9	6	20				12	979	5,327
	Others Total	647	1,048	497	102	1,169	1,291		270	69	20				215	5,327		
	All Agreements	Quarter 1	1,435	4,603	596	300	2,821	1,156	1,590	369	227	82	0	3	45	1,051	14,278	14,278
		Quarter 2	898	1,878	452	486	2,256	2,532	890	315	139	65	0	0	595	504	11,010	25,288
		Quarter 3	1,339	6,086	2,460	1,158	2,256	2,475	560	444	97	434	0	6	15	857	18,185	43,472
		Quarter 4	942	3,996	822	489	2,304	2,480	1,240	514	263	52	0	0	37	939	14,080	57,552
	Landing Total		4,613	16,563	4,330	2,434	9,637	8,642	4,280	1,642	726	633	0	9	693	3,351	57,552	
Transshipment	National	Quarter 1	2,539	4,587		1,487	9,913	5,256		1,370	916					19	26,086	26,086
		Quarter 2	1,288	2,910		1,114	4,878	5,047		496	527		1		418	4	16,682	42,769
		Quarter 3	1,836	4,316		1,654	7,696	11,511		1,342	2,042		0			23	30,418	73,187
		Quarter 4	2,007	3,816		1,884	3,882	11,489		1,203	1,148					55	25,483	98,670
		National Total	7,669	15,629		6,138	26,368	33,302		4,411	4,633		1		418	100	98,670	
	EU Agreement	Quarter 1	1,992	5,545	10,147	1,345	9,365	1,360	13,603	677	737	2,453			3,239	93	50,554	50,554
		Quarter 2	1,265	2,724	2,731	891	7,272	4,003	7,509	451	481	720			6,237	19	34,304	84,858
		Quarter 3	1,098	5,506	6,745	1,004	7,379	1,494	16,357	442	1,172	3,570	12		2,889	38	47,706	132,564
		Quarter 4	1,381	3,662	3,601	2,844	4,680	2,450	9,489	747	822	2,605			28	29	32,339	164,903
	EU Agreement Total	5,735	17,437	23,224	6,083	28,696	9,307	46,957	2,318	3,212	9,348	12		12,393	179	164,903		
	Others	Quarter 1	444	2,361		78	1,925	592		184	87				3,871		9,543	9,543
		Quarter 2	482	1,149	667	95	1,114	1,473	4,294	236	18	153			2,092	1	11,772	21,315
		Quarter 3	475	2,016	1,192	2,736	1,524	738	1,568	341	223	289				10	11,113	32,428
		Quarter 4	1,026	1,975	2,323	3,901	3,259	1,572	3,772	340	245	580			51	84	19,129	51,557
	Others Total	2,427	7,501	4,182	6,810	7,822	4,374	9,634	1,102	573	1,021			6,014	95	51,557		
	All Agreements	Quarter 1	4,975	12,493	10,147	2,910	21,202	7,207	13,603	2,232	1,740	2,453	0		7,110	112	86,183	86,183
		Quarter 2	3,034	6,783	3,398	2,100	13,265	10,523	11,803	1,183	1,025	872	1		8,747	24	62,759	148,942
		Quarter 3	3,409	11,838	7,937	5,393	16,599	13,743	17,925	2,125	3,437	3,859	12		2,889	71	89,237	238,179
		Quarter 4	4,413	9,453	5,924	8,629	11,821	15,511	13,261	2,290	2,216	3,185	0		79	168	76,950	315,129
	Transshipment Total		15,832	40,567	27,406	19,032	62,887	46,984	56,592	7,830	8,418	10,369	13	0	18,825	374	315,129	
Year Total		20,445	57,130	31,737	21,465	72,523	55,626	60,872	9,472	9,144	11,002	13	9	19,518	3,725	372,681		

Mix Species* includes all tuna species that are not reported by species and category.

Note: The landing and transshipment presented in this table excludes discards.

Port: VICTORIA, SEYCHELLES

Year: 2023

	Access Regime	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Frigate	Mix Species	Bycatch	Total (Mt)	Cumulative Total (Mt)	
			(-10kg)	(+10kg)	(Mix)	(-1.8)	(1.8kg - 3.4kg)	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)							
Landing	National	Quarter 1	308	968		356	798	1,194		145	82						483	4,335	4,335
		Quarter 2	522	984		56	925	634		81	123						746	4,070	8,405
		Quarter 3	511	305	186	1,031	440	1,130	742	48	108	9					817	5,327	13,732
		Quarter 4	969	170	55	709	925	1,032	321	60	10	44					1,392	5,685	19,417
	National Total		2,310	2,426	240	2,151	3,089	3,989	1,063	334	324	54					3,437	19,417	
	EU Agreement	Quarter 1	574	2,456	995	804	1,259	1,898	1,848	399	192	240			463		565	11,694	11,694
		Quarter 2	1,042	2,057	1,579	279	1,523	2,122	322	127	119	181					690	10,042	21,737
		Quarter 3	744	1,410	366	1,375	821	1,409	872	93	64	24					485	7,664	29,400
		Quarter 4	1,364	238	141	586	2,552	1,536	377	384	74	30					823	8,105	37,506
	EU Agreement Total		3,725	6,161	3,081	3,044	6,155	6,964	3,420	1,003	450	475			463		2,564	37,506	
	Others	Quarter 1	85	156		32	317	278		49	42						128	1,087	1,087
		Quarter 2	33	12		25	45	184		54	5						318	675	1,762
		Quarter 3	86	167		40	143	206		9	31						234	917	2,679
		Quarter 4															197	197	2,875
	Others Total		647	1,048	497	102	1,169	1,291		270	69	20					876	2,875	
	All Agreements	Quarter 1	967	3,580	995	1,192	2,374	3,370	1,848	594	317	240	0	0	463		1,175	17,117	17,117
Quarter 2		1,598	3,052	1,579	359	2,493	2,940	322	261	247	181	0	0	0		1,753	14,787	31,903	
Quarter 3		1,341	1,882	552	2,445	1,404	2,744	1,614	151	203	33	0	0	0		1,537	13,907	45,810	
Quarter 4		2,333	408	196	1,295	3,477	2,567	698	443	84	75	0	0	0		2,411	13,987	59,798	
Landing Total		6,239	8,922	3,322	5,292	9,748	11,621	4,483	1,449	852	529	0	0	463		6,877	59,798		
Transshipment	National	Quarter 1	2,447	3,046		1,996	6,951	7,521		1,557	758				6		85	24,368	24,368
		Quarter 2	2,856	3,666		1,176	9,544	7,372		954	1,891						75	27,534	51,902
		Quarter 3	2,046	3,092		2,247	4,211	6,893		862	2,237		40				8	21,636	73,538
		Quarter 4	3,011	998	340	2,600	5,162	4,343	1,180	1,137	107	86	1				14	18,980	92,518
	National Total		10,361	10,802	340	8,020	25,868	26,129	1,180	4,510	4,993	86	41		6		182	92,518	
	EU Agreement	Quarter 1	2,454	4,059	5,575	4,312	6,257	4,799	10,378	1,543	617	3,060		17	88		81	43,239	43,239
		Quarter 2	1,382	4,506	4,345	1,840	4,443	3,193	10,868	610	887	2,060	0	39			178	34,352	77,591
		Quarter 3	1,629	3,878	6,571	4,432	2,903	3,547	6,685	517	786	2,464	25				36	33,473	111,064
		Quarter 4	3,061	1,892	2,818	2,045	3,988	3,782	8,025	746	146	1,423	0		27		8	27,960	139,024
	EU Agreement Total		8,525	14,335	19,309	12,630	17,591	15,322	35,955	3,415	2,436	9,007	26	56	115		302	139,024	
	Others	Quarter 1	1,392	2,112	2,242	1,080	2,549	969	5,343	378	994	583					4	17,646	17,646
		Quarter 2	734	2,786	2,140	617	1,933	1,825	2,533	507	338	286		319			45	14,065	31,711
		Quarter 3	1,315	859	449	2,400	2,734	4,529	514	277	288	155	0	136			225	13,883	45,593
		Quarter 4	1,244	238	881	1,168	2,458	2,061	1,941	208	38	148					50	10,434	56,027
	Others Total		4,685	5,996	5,713	5,264	9,674	9,385	10,331	1,371	1,658	1,173	0	455			321	56,027	
	All Agreements	Quarter 1	6,293	9,217	7,817	7,388	15,756	13,289	15,720	3,478	2,368	3,644	0	17	94		171	85,253	85,253
Quarter 2		4,973	10,959	6,486	3,633	15,920	12,391	13,401	2,070	3,116	2,346	0	358	0		297	75,951	161,203	
Quarter 3		4,990	7,830	7,020	9,079	9,848	14,970	7,199	1,656	3,311	2,619	66	136	0		269	68,992	230,196	
Quarter 4		7,315	3,127	4,039	5,813	11,608	10,186	11,145	2,091	292	1,657	1	0	27		71	57,374	287,570	
Transshipment Total		23,571	31,133	25,362	25,914	53,133	50,836	47,466	9,296	9,087	10,265	67	511	121		808	287,570		
Year Total		29,810	40,055	28,684	31,206	62,881	62,457	51,948	10,745	9,939	10,794	67	511	585		7,685	347,367		

Mix Species* includes all tuna species that are not reported by species and category.

Note: The landing and transshipment presented in this table excludes discards.

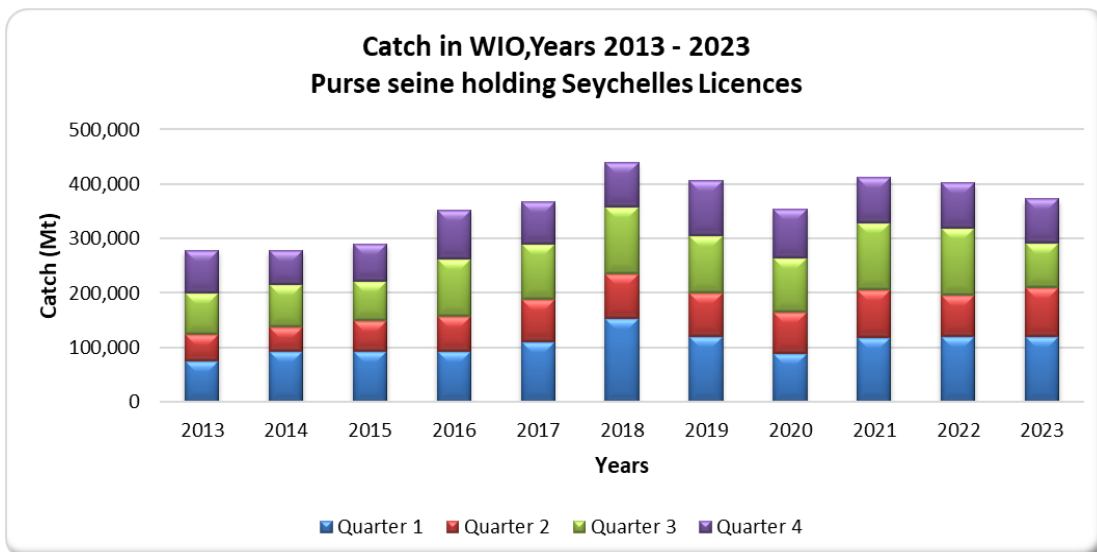


Figure 1A: Purse Seine total catch in the WIO by Year, 2013 - 2023

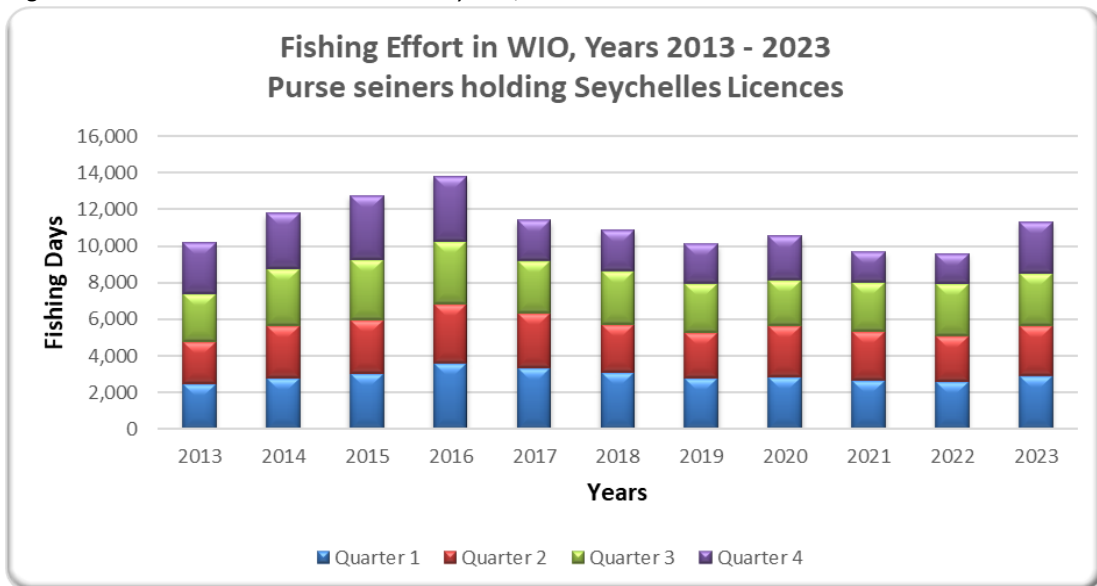


Figure 1B: Purse Seine fishing effort in the WIO by Year, 2013 - 2023

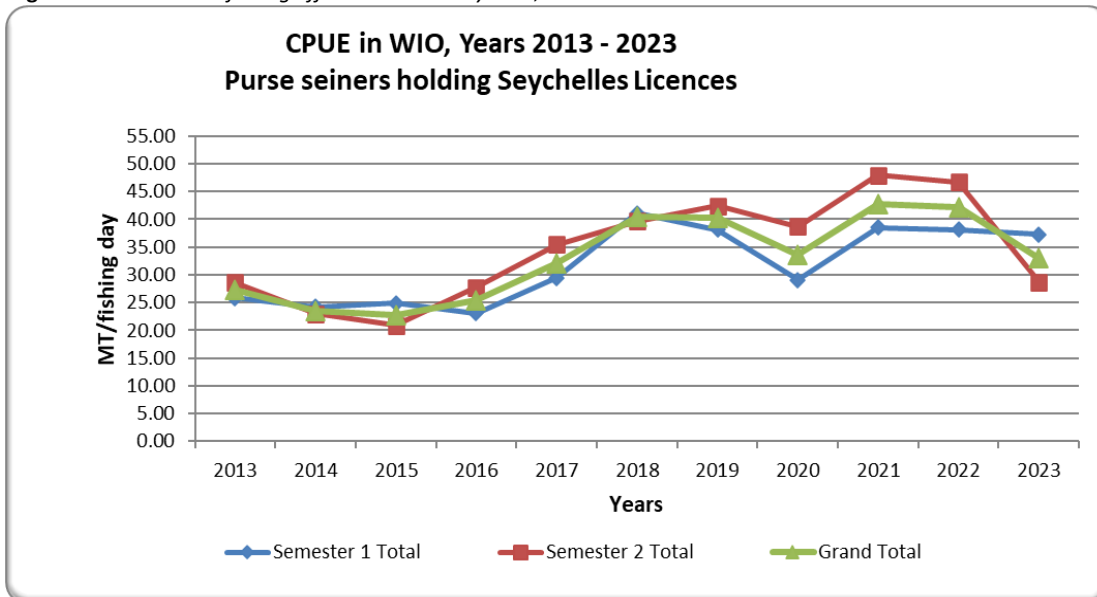


Figure 1C: Purse Seine CPUE in the WIO by Year, 2013 - 2023

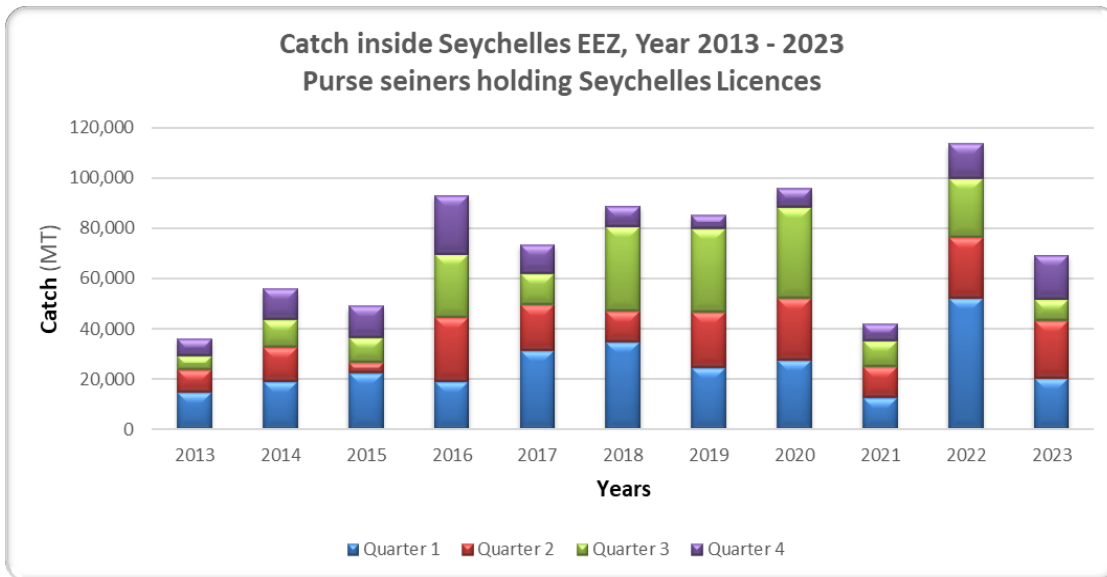


Figure 1D: Purse Seine total catch in the Seychelles EEZ by Year, 2013 - 2023

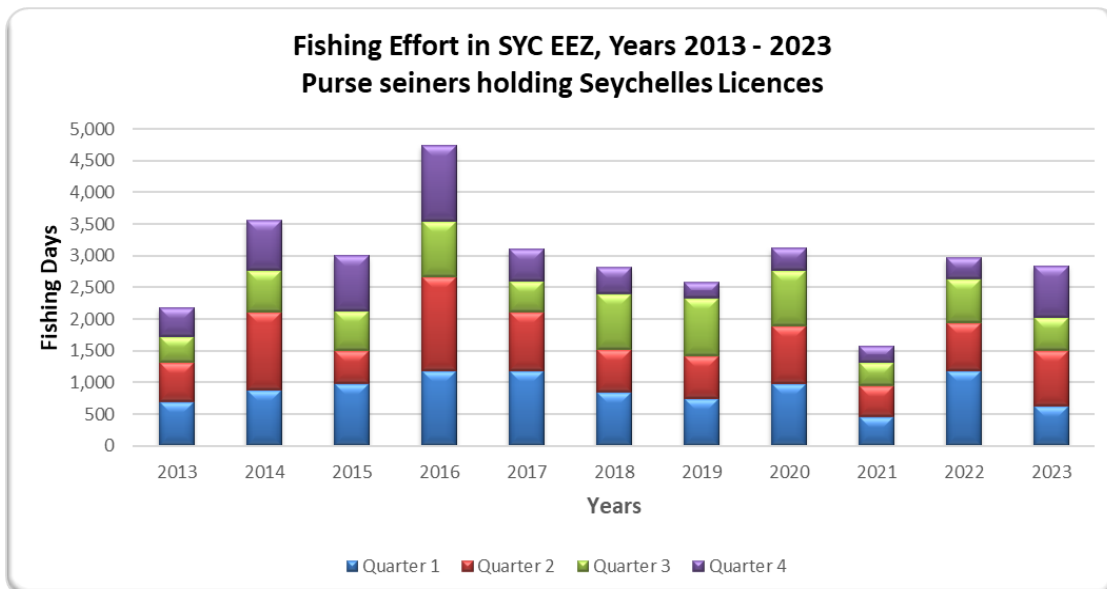


Figure 1E: Purse Seine fishing effort in the Seychelles EEZ by Year, 2013 - 2023

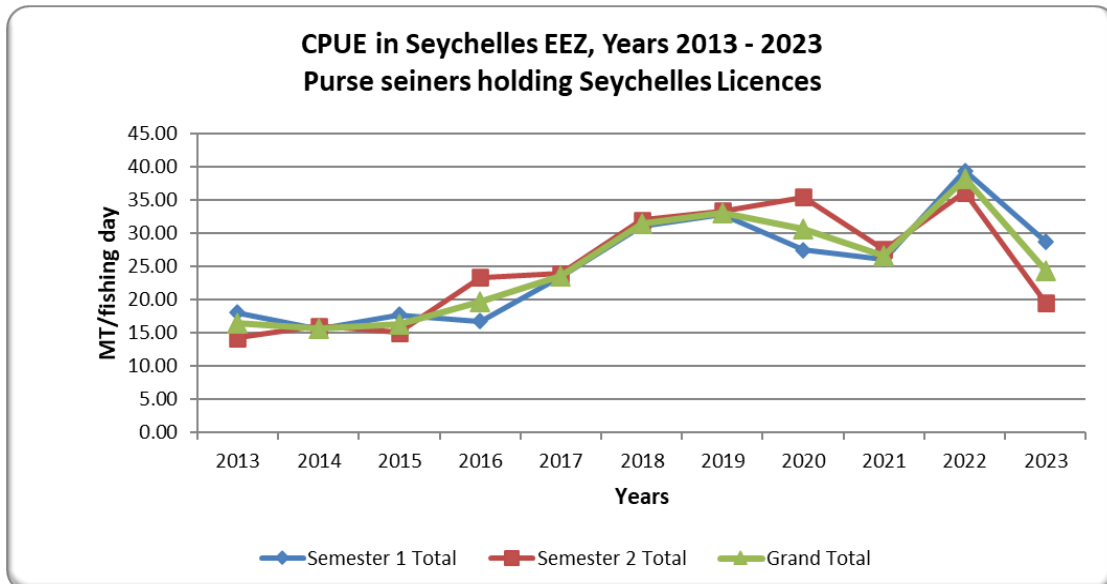


Figure 1F: Purse Seine CPUE in the Seychelles EEZ by Year, 2013 - 2023

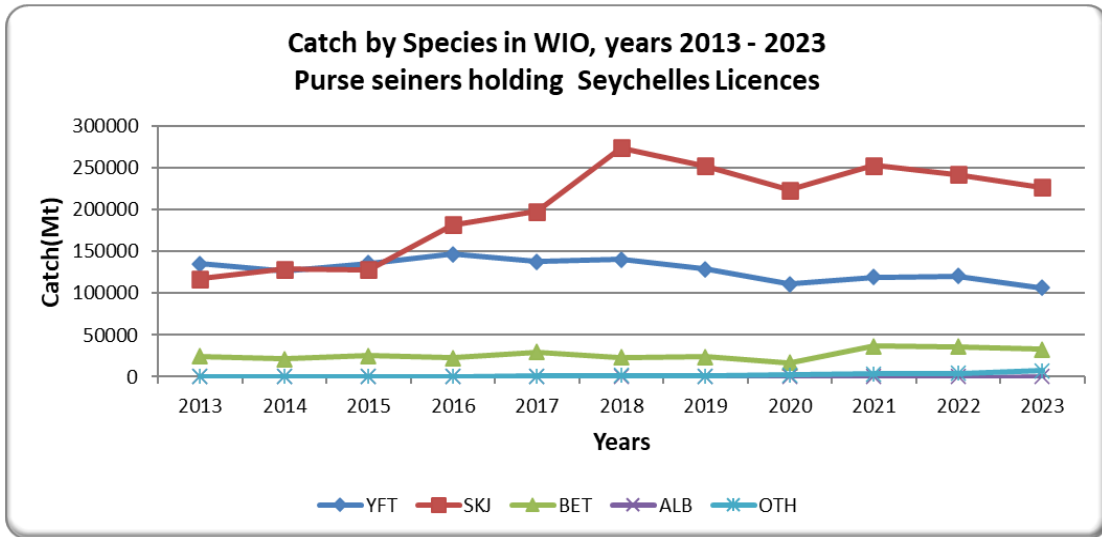


Figure 1J: Purse Seine catch by species in WIO, Years 2013 - 2023

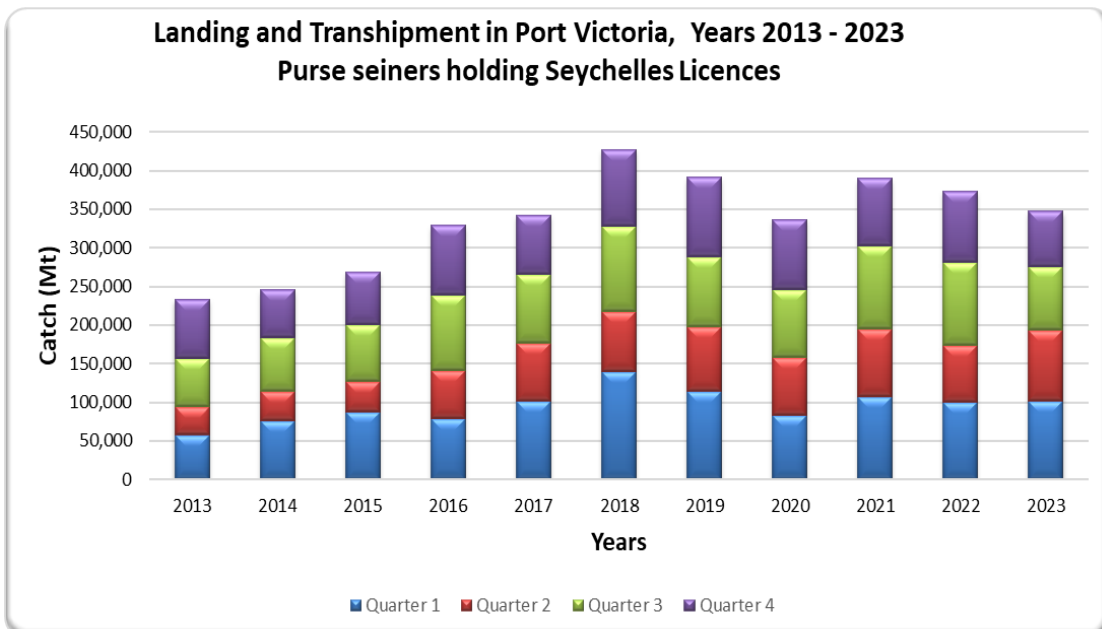


Figure 1K: Purse Seine landing and transhipment in port Victoria, Years 2013 - 2023

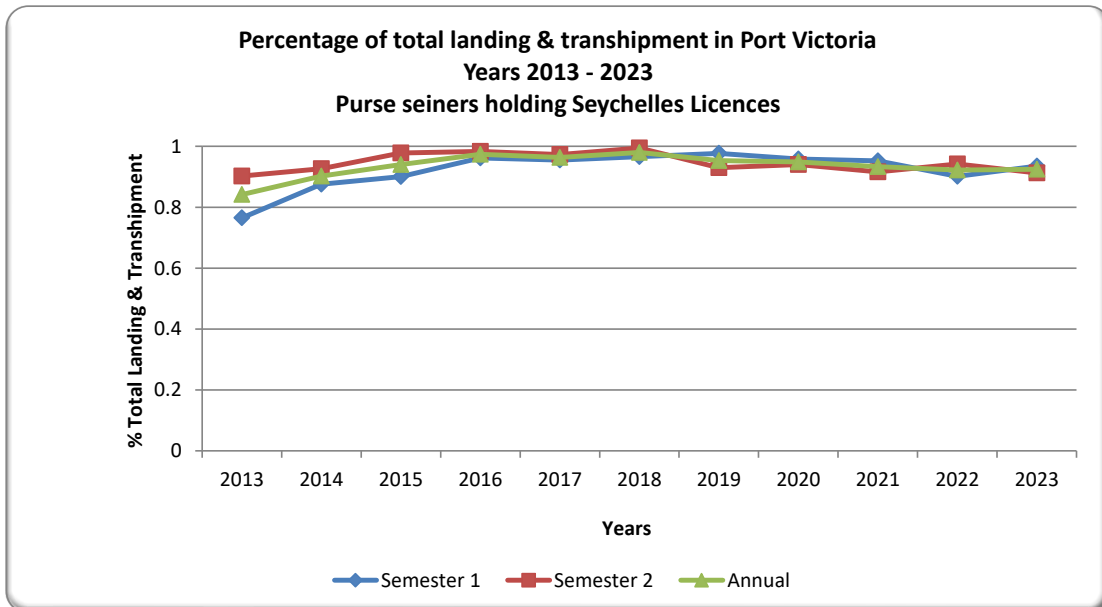


Figure 1L: Proportion of Purse Seine landing and transhipment in port Victoria, Years 2013 - 2023

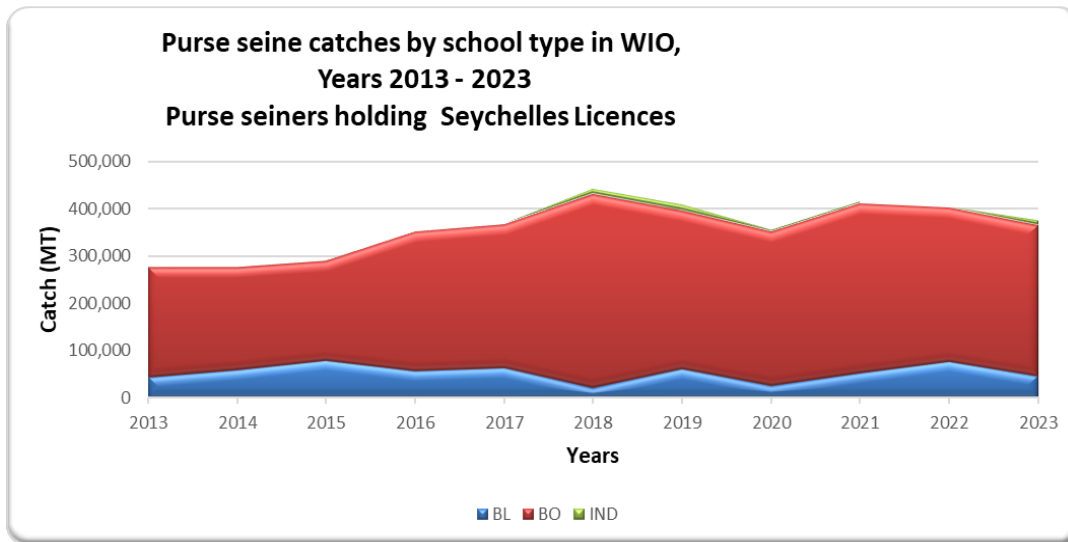


Figure 1G: Purse Seine catches by school type in WIO, Years 2013 - 2023

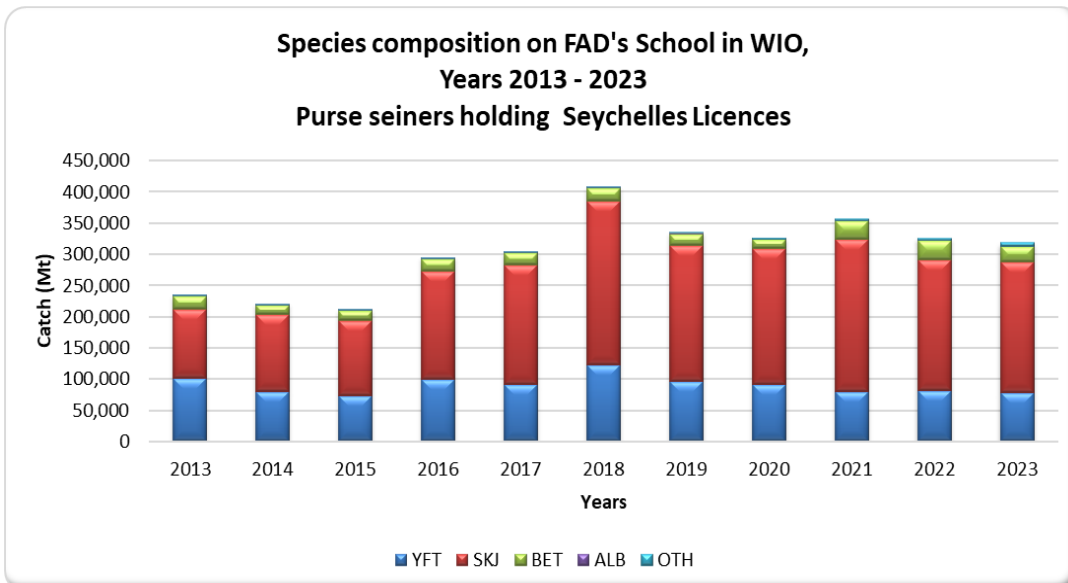


Figure 1H: Purse Seine species composition on FAD's associated school, Years 2013 -2023

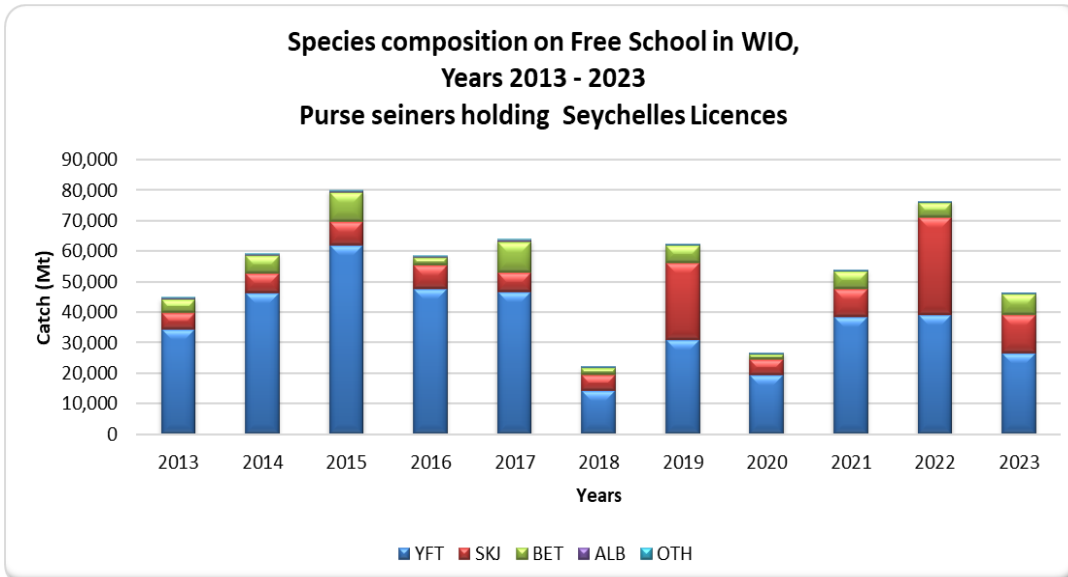
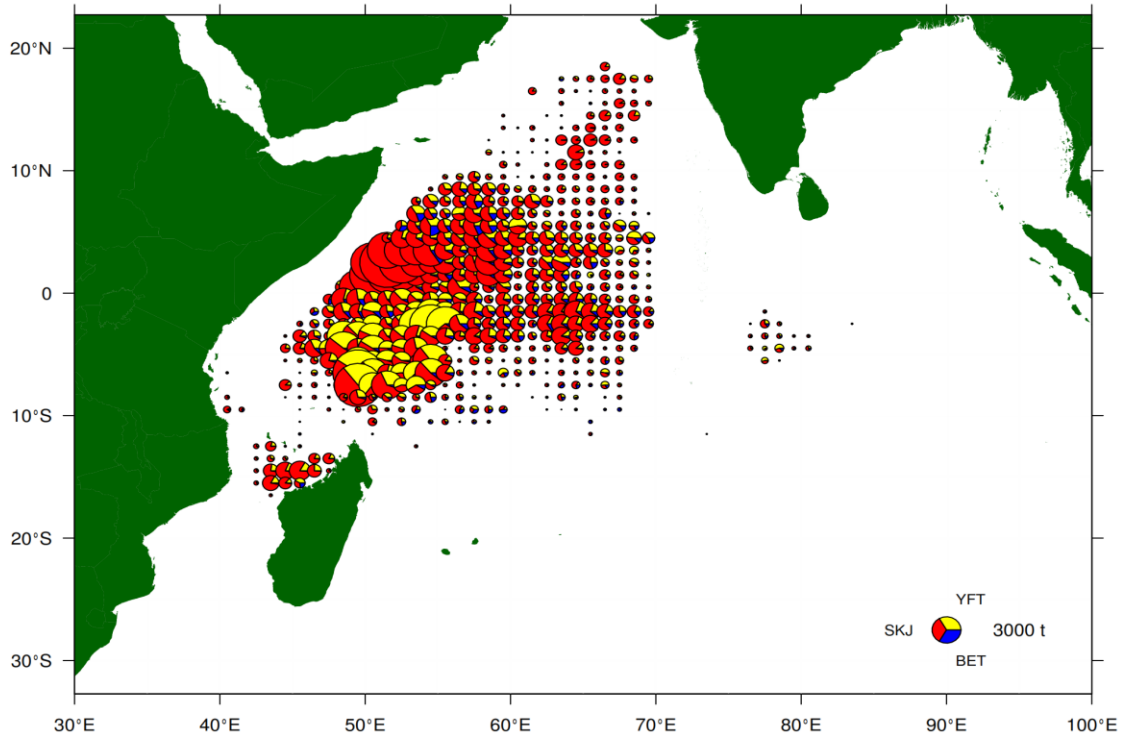


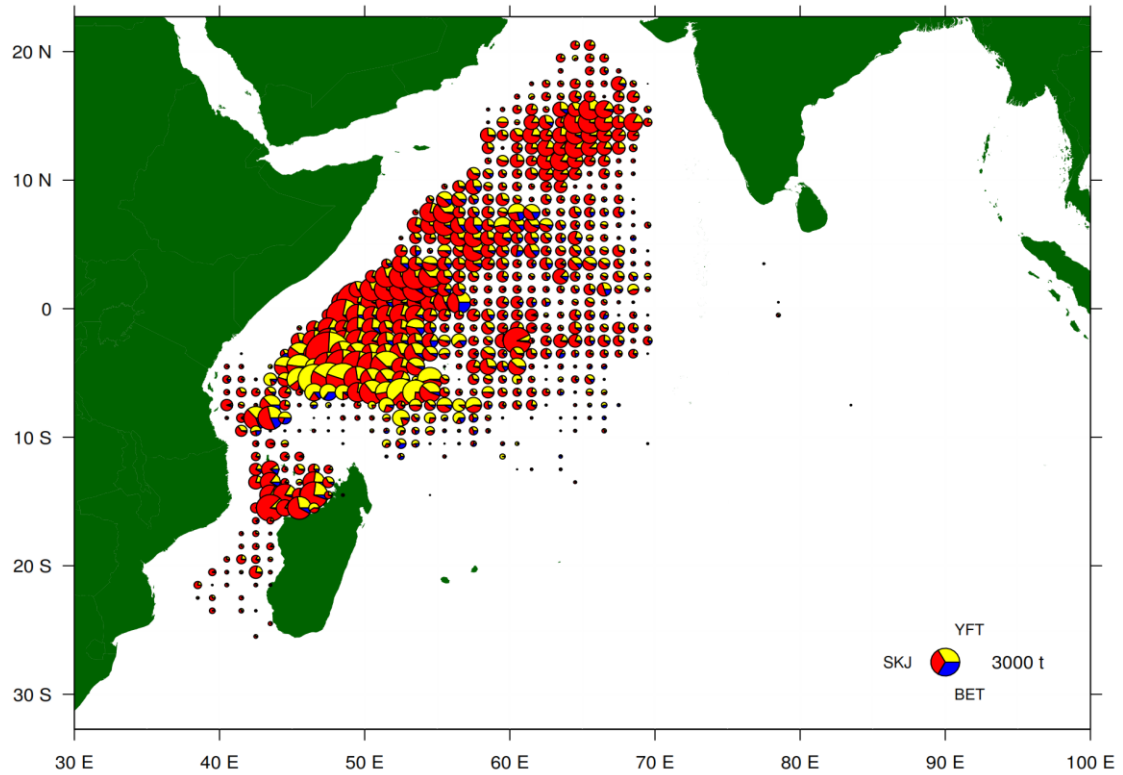
Figure 1I: Purse Seine species composition on free school, years 2013 -2023

Fishing Ground Exploited by Purse Seiners

Map 1A. Purse seiners fishing ground for Year 2022

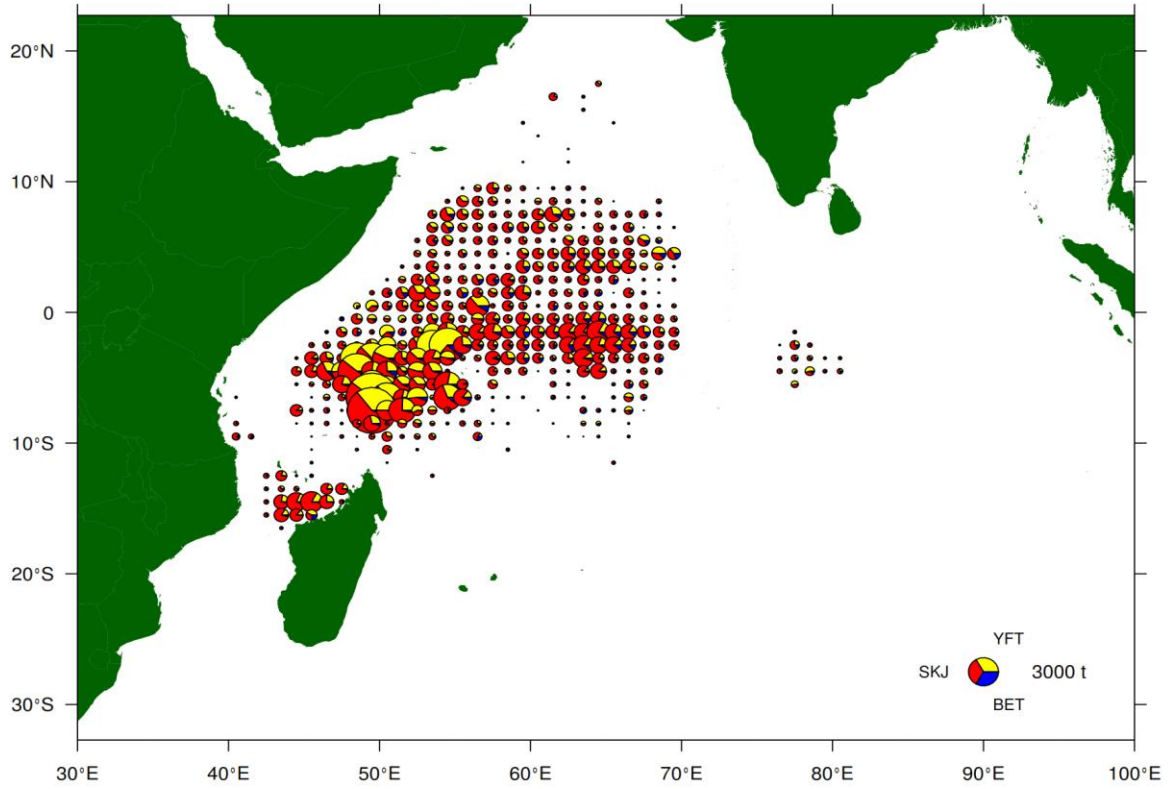


Map 1B. Purse seiners fishing ground for Year 2023

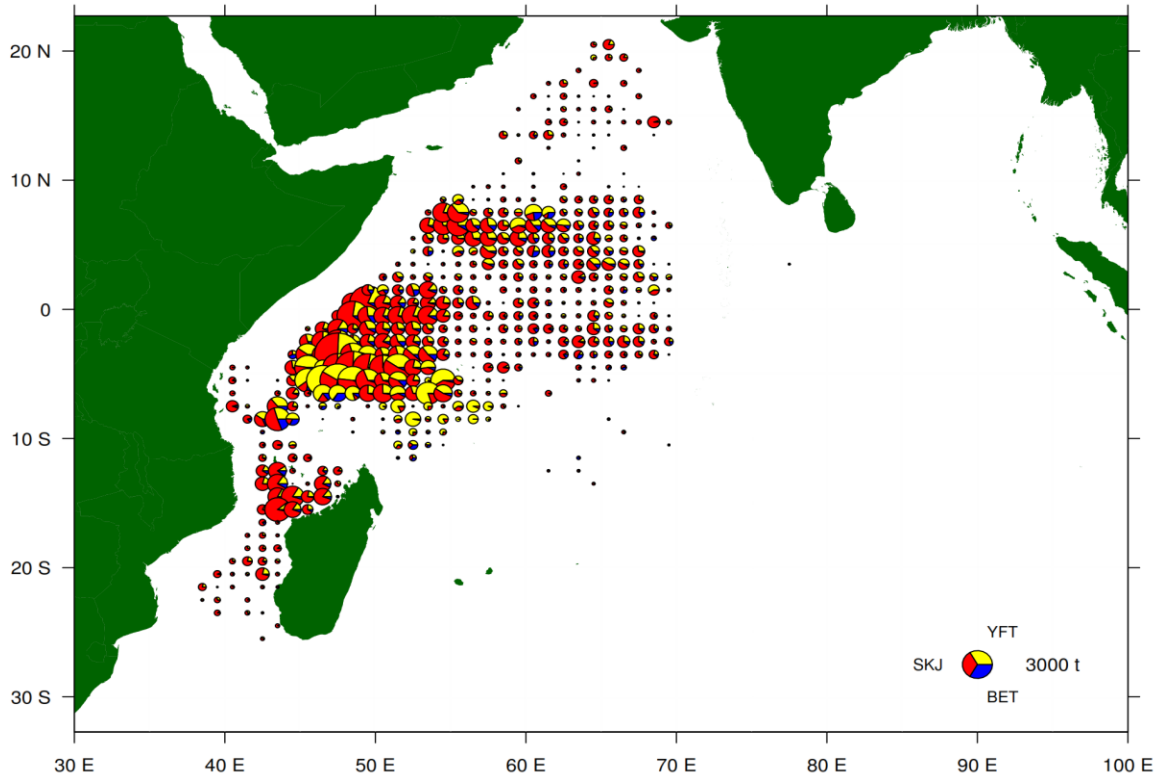


Fishing Ground Exploited by Purse Seiners

Map 1C. Purse seiners fishing ground for 1st Semester 2022

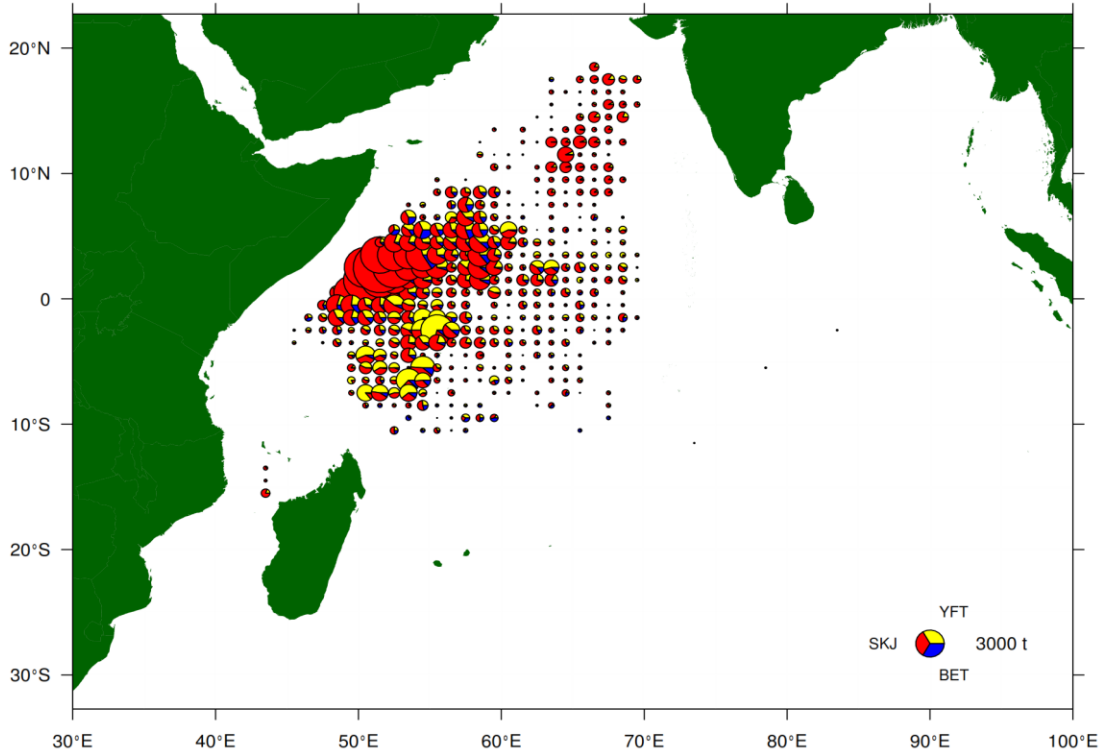


Map 1D. Purse seiners fishing ground for 1st Semester 2023

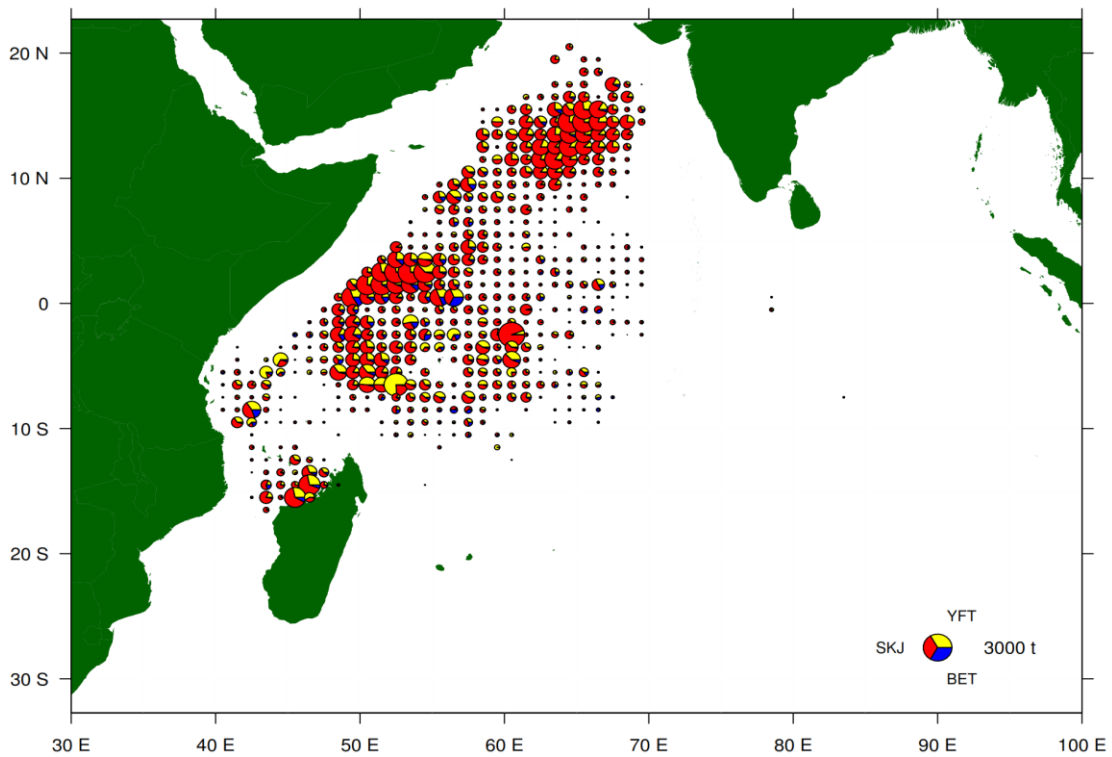


Fishing Ground Exploited by Purse Seiners

Map 1E: Purse seiners fishing ground for 2nd Semester 2022



Map 1F: Purse seiners fishing ground for 2nd Semester 2023



Industrial Longline Fishery



2. SUMMARY OF INDUSTRIAL LONGLINE FISHERY

2.1. *Logbook Returned*

- The statistics published for year 2023 relates to 99% and for year 2022, 100% logbooks captured in the database at the time when those statistical tables were generated. (Table 2.2).

2.2. *Vessels Licensed and Active*

- The number of industrial longliners licensed to operate within the Seychelles Exclusive Economic Zone (EEZ) increased from 148 vessels in 2014 to 213 vessels in 2017, followed by a subsequent decline (table 2.1).
- For the year 2023, the number of vessels licensed to fish inside the Seychelles EEZ decreased by 52 vessels resulting in a total of 124 vessels licensed compared to 176 vessels licensed the previous year. There was a decrease of 41% in number of Seychelles registered vessels from 58 vessels registered in 2022 to 34 vessels registered in 2023. Additionally, a 28% decrease was observed in the number of vessels flagged under Taiwan Province of China. The number of vessels licensed under the EU agreement also decreased from 3 vessel in 2022 to only 1 vessel in 2023. Licenses were also issued to 3 vessels registered under Omanese flag. Four vessels changed flag from Seychelles to Mauritius in 2023 resulting in 15 vessels licensed under Mauritian Flag in 2023 compared to 12 vessels in 2022. No licenses were issued to vessels flying the Chinese flag.
- On average, 23 Seychelles registered longliners vessels were active per month during the year 2023 compared to 33 vessels active during the year 2022. In 2023, an average of 24 Taiwanese vessels, 4 Mauritian and 1 Omanese vessel were active inside the Seychelles EEZ per month compared to an average of 34 Taiwanese, 3 Mauritian, 1 Omanese and 1 Chinese vessels active in the year 2022 (table 2.1C).
- It must be noted that, based on logbooks received for the year 2023 and 2022, no vessels were active in the Seychelles EEZ during the month of July.

2.3. *Fishing Effort, Catches and Catch Rate in WIO*

- From 2013 to 2020, the total catch in WIO showed an increasing trend, rising from 16,234 metric tons (MT) to a peak of 31,496 MT, before declining to 19,989 MT in 2022. A similar trend was observed in fishing effort over the same period. The catch rate declined from 2015 to 2017, then increased to 0.55 MT/1000 hooks in 2020, before decreasing again to 0.37 MT/1000 hooks in 2022 (Figure 2C).
- The total catch reported by all industrial longline fleet licensed to fish in the Seychelles EEZ during year 2023 was estimated at 18,119 MT, obtained from a fishing effort of approximately 37.8 million hooks thus giving a mean catch rate of 0.48 MT/1000 hooks

(table 2.2A). In comparison, the total catch for the previous year was estimated at 19,989 MT, with a fishing effort of approximately 54.2 million hooks and a mean catch rate of 0.37 MT per 1,000 hooks. This indicates a 9% decrease in total catch and a 30% reduction in fishing effort.

- In the first semester of 2023, the total catch reported by the industrial longline fleet in the Western Indian Ocean was estimated at 7,052 MT, reflecting a 19% decrease compared to 8,709 MT estimated for the same period in 2022. This catch was achieved with an estimated fishing effort of 17 million hooks, resulting in a mean catch rate of 0.41 MT/1000 hooks (Table 2.2A). This represents a 27% reduction in fishing effort compared to the previous year. For the first semester of 2022, the total fishing effort was approximately 23.3 million hooks, yielding a mean catch rate of 0.37 MT/1000 hooks.
- During the second semester of 2023, a total catch reported was 11,067 MT, achieved from a fishing effort of 20.8 million hooks. This represents a slight decrease of 2% compared to the 11,280 MT reported in the same period of 2022. The fishing effort for the second semester of 2022 was approximately 30.9 million hooks. In comparison the mean catch rate during the last six months of 2022 was 0.37 MT/1000 hooks, which was significantly lower than the 0.53 MT per 1,000 hooks recorded during the same period in 2023.
- A monthly analysis of catch rates indicates that the highest catch rate in 2023 was recorded in December, at 0.70 MT/1000 hooks. In contrast, the highest catch rate in 2022 was 0.47 MT/1000 hooks, recorded in May.

2.3.1. Fishing Effort, Catches and Catch Rate in WIO by Fleet

- The Seychelles fleet reported an estimated catch of 9,627 MT for the year 2023, achieved from a fishing effort of 20.1 million hooks, resulting in a mean catch rate of 0.48 MT/1000 hooks (Table 2.2C). This reflects a 3% and 28% reduction catches and fishing effort respectively when compared to the previous year. In 2022, the Seychelles fleet recorded a total catch of 9,898 MT from a fishing effort of 27.7 million hooks, with a mean catch rate of 0.36 MT/1000 hooks.
- The total catches reported by the Taiwanese fleet for the year 2023 is estimated at 7,392 MT, achieved from a fishing effort of 15.5 million hooks resulting in a mean catch rate of 0.48 MT/1000 hooks. This represents a 10% and 34% reduction in catches and fishing effort when compared to the previous year. In 2022, the Taiwanese fleet reported a total catch of 8,223 MT achieved from a fishing effort of 23.5 million hooks, yielding a mean catch rate of 0.35 MT/1000 hooks (Table 2.2D).
- The remaining 1,100 MT of tuna and tuna-like species reported in the industrial longline fishery were reported by the Mauritian and Omani fleets. This catch was achieved with an approximate fishing effort of 2.2 million hooks, resulting in a mean catch rate of 0.50 MT/1000 hooks. In 2022, vessels from the Mauritian, Chinese, Spanish, and Omani fleets reported an estimated catch of 1,868 MT, achieved from a

fishing effort of approximately 2.9 million hooks, and a mean catch rate of 0.65 MT/1000 hooks (Table 2.2E).

2.4. Species Composition in WIO

- Historically bigeye dominated the catch of the industrial longline fishery with exception for the year 2018 to 2019 where yellowfin tuna replaced bigeye tuna as the dominant species caught the industrial longline fleet (table 2.2B).
- In 2023, bigeye tuna accounted for 37% of the total catch, whilst yellowfin tuna, swordfish, and the "others" category represented 35%, 6%, and 13%, respectively. In 2022, the total catch included 39% bigeye tuna, followed by 33% yellowfin tuna, with the "others" category making up 12% of the total catch. Notably, the "others" category comprised 36% *Ruvettus pretiosus* (oilfish) and 25% albacore in 2023, while these two species accounted for 23% and 31% of total catches in 2022, respectively.
- In 2023, a decrease in catches was observed across all main species categories compared to the previous year. Catches of yellowfin and bigeye tuna decreased by 4% and 12%, respectively, while catches of swordfish, sharks, and marlin decreased by 25%, 22%, and 20%, respectively.

2.5. Activity inside the Seychelles EEZ

- Time series of total catch and fishing effort of industrial longliners inside the Seychelles EEZ shows similar trend to that in the WIO. Following the piracy era in 2012, a sharp increase in catches was observed, inside Seychelles EEZ, reaching a record 15,036 MT in 2016, subsequently followed by a downward trend until 2019. Average annual catches for 2020 and 2021 were approximately 14,644 MT and had since then been on a downward trend (Table 2.3, Figures 2D, 2E, and 2F).
- According to logbooks received and recorded by the Seychelles Fishing Authority (SFA), an estimated catch of 10,580 MT was reported inside the Seychelles EEZ by industrial longliners in 2023. This represents an 11% decrease in catches corresponding to a 33% reduction in fishing effort when compared to the previous year. The estimated fishing effort for the year 2023 was approximately 21.8 million hooks, resulting in a mean catch rate of 0.48 MT/1000 hooks (Table 2.3A). In contrast, a total catch of 11,903 MT obtained from a fishing effort of approximately 32.4 million hooks was reported for the year 2022, resulting in a mean catch rate of 0.37 MT per 1,000 hooks.
- During the first semester of 2023, industrial longliners reported an estimated catch of 2,522 MT inside the Seychelles EEZ, achieved from a fishing effort of approximately 6.5 million hooks, resulting in a mean catch rate of 0.39 MT/1000 hooks. This represents a 19% and a 31% decrease in catches and fishing effort respectively compared to the same period in the previous year, when catches were estimated at

3,123 MT from approximately 9.4 million hooks, yielding a mean catch rate of 0.33 MT/1000 hooks.

- During the second semester of 2023, a total of 8,058 MT of tuna was reported to have been caught by industrial longliners inside the Seychelles EEZ achieved from a fishing effort of approximately 15.3 million hooks, resulting in a mean catch rate of 0.53 MT/1000 hooks. This reflects an 8% decrease in total catch compared to 8,780 MT reported during the second semester of 2022, and a 33% reduction in fishing effort.

Analysis of monthly trend in 2023 shows higher catches were recorded inside the Seychelles EEZ during the month of December of the year similar to previous year.

2.6. Statistics of Seychelles Flagged Vessels

- An increasing trend has been observed in total catch by Seychelles registered industrial longliners from the year 2014 to reach a peak of 22,866 MT in 2019 (table 2.4 and figure 2G). This was followed by a decreasing trend to reach a total of 9,898 MT in 2022. A similar trend was noted in fishing effort, which increased from 23.5 million hooks in 2013 to 40.6 million hooks in 2020, subsequently decreasing to 27.7 million hooks in 2022 (Table 2.4 and Figure 2H). The catch per unit effort (CPUE) fluctuated between 0.58 and 0.33 MT/1000 hooks from 2013 to 2022 (Figure 2I).

During the year 2023, the Seychelles fleet reported an estimated catch of 9,627 MT representing a decrease of 3% in catches with a decrease of 28% in fishing effort. This was achieved from a fishing effort of 20.1 million hooks and a mean catch rate of 0.48 MT/1000 hooks (table 2.2C). During the previous year, the Seychelles fleet reported a total catch of 9,898 MT achieved from a fishing effort of 27.7 million hooks with a mean catch rate of 0.36 MT/1000 hooks.

- The Seychelles flagged industrial longliners reported to have caught 58% of their total catch on the high Seas and only 41% in the Seychelles EEZ during the year 2023. During the previous year, 60% and 38% of the Seychelles flagged industrial longliners catches were caught on the high Seas and inside Seychelles EEZ respectively.

2.7. Industrial Longliners statistics by Access Regime

- During the years 2023 and 2022, foreign industrial longliners licensed to operate inside of the Seychelles EEZ were operating under the two main fishing agreements: the Taiwan Deep-sea Tuna Longline Boat Owners and Exporters Association (TTA) and Top Fortune Agreement (TFI). Few vessels were also operating under private agreements and the SFPA(EU) agreement.

For year 2023, vessels operating under the National agreement accounted for 25% of the total EEZ catch whilst vessels operating under the TTA agreement represent 65% of the total EEZ catch. During 2022, vessels operating under the National agreement

accounted for 21% of the total EEZ catch whilst vessels operating under the TTA agreement represented 64% of the total EEZ catch.

2.8. Fishing Ground

- Map 2A and 2B show the distribution of reported catch of industrial longliners by 1^o square in the WIO for the years 2022 and 2023 respectively. Map 2C and 2D shows the distribution of reported catch of industrial longliners by 1^o square in the WIO for the 1st Semester of 2022 and 2023 respectively whilst maps 2E and 2F shows the distribution of reported catch of industrial longliners by 1^o square in the WIO for the 2nd Semester of 2022 and 2023 respectively.
- Maps 2B shows similar fishing pattern in 2023 when compared to the year 2022 (map 2A) with an increase in catches in the East Somalia and South East Seychelles .
- Map 2D shows a predominant catches of Bigeye Tuna in the East Somlaia area and Yellowfin in the Sout East Seychelles area during the firsrt semester of the year 2023 when compared to the same period in 2022 (Map 2C).
- Comparing maps of catches for semester 2 of year 2023 (Map 2F) with the same period for the previous year revealed a shift in yellowfin tuna from the south to the east of the Seychelles area.

TABLE 2.1. Industrial Longliners Holding Licenses by Country of Registration by Year

(Database Closed on 20/09/2024)

Years: 2013 - 2023

Country	Year										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023**
SEYCHELLES	33	38	45	46	54	55	57	62	64	58	34
TAIWAN PROVINCE OF CHINA	113	84	85	103	108	98	84	88	105	105	76
CHINA	16	19	19	29	43	50	44	7	12	7	
JAPAN*	4	4	2								
KOREA			1	4	7	4					
SPAIN								2	3	2	1
PORTUGAL								2	2	1	
BELIZE											
FRANCE					1	1	1	1	1		
OMAN	2								1	3	2
MAURITIUS										12	15
INDONESIA			1	1							
PHILIPPINES	6	1	1	1							
TANZANIA	1	1	1	1							
THAILAND		1	2	2							
Annual	175	148	155	187	213	208	186	162	188	176	124

Number of Vessels change of flag			2							12	4
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* Note: Since 2012, Vessel under Japan flag were operating under Taiwanese Deep Sea Fisheries Agreement (TFA).

** 4 Vessels change flag from Seychelles to Mauritius

TABLE 2.1A Industrial Longliners Holding Licenses by Country of Registration by Month

(Database Closed on 20/09/2024)

Year: 2022

Month	Seychelles*	Taiwan POC	China	France	Oman	Mauritius	Portugal	Spain	Total
Jan	58	89	7	0	1	0	1	2	158
Feb	58	86	5	0	1	0	1	3	154
Mar	56	84	3	0	1	0	0	1	145
Apr	54	55	2	0	1	5	0	1	118
May	44	43	2	0	1	5	0	1	96
Jun	44	42	2	0	1	5	0	1	95
Jul	44	40	2	0	1	5	0	1	93
Aug	42	39	2	0	1	6	0	1	91
Sep	41	55	2	0	1	6	0	1	106
Oct	41	78	2	0	3	12	0	1	137
Nov	41	92	2	0	2	12	0	1	150
Dec	40	88	0	0	2	12	0	1	143
Annual Average	47	66	3	0	1	8	1	1	124
Quarter 1	57	86	5	0	1	0	1	2	152
Quarter 2	47	47	2	0	1	5	0	1	103
Quarter 3	42	45	2	0	1	6	0	1	97
Quarter 4	41	86	2	0	2	12	0	1	143
First Semester	52	67	4	0	1	5	1	2	128
Second Semester	42	65	2	0	2	9	0	1	120

*Number of Seychelles registered vessels

Year: 2023

Month	Seychelles*	Taiwan POC	China	France	Oman	Mauritius	Portugal	Spain	Total
Jan	31	65	0	0	2	11	0	1	110
Feb	31	65	0	0	2	11	0	1	110
Mar	31	63	0	0	2	10	0	0	106
Apr	30	63	0	0	2	10	0	0	105
May	28	61	0	0	2	0	0	0	91
Jun	28	61	0	0	2	0	0	0	91
Jul	28	73	0	0	2	0	0	0	103
Aug	28	73	0	0	2	1	0	0	104
Sep	30	73	0	0	2	6	0	0	111
Oct	30	73	0	0	2	12	0	0	117
Nov	30	73	0	0	2	12	0	0	117
Dec	30	73	0	0	2	12	0	0	117
Annual Average	30	68	0	0	2	9	0	1	107
Quarter 1	31	64	0	0	2	11	0	1	109
Quarter 2	29	62	0	0	2	10	0	0	96
Quarter 3	29	73	0	0	2	4	0	0	106
Quarter 4	30	73	0	0	2	12	0	0	117
First Semester	30	63	0	0	2	11	0	1	102
Second Semester	29	73	0	0	2	9	0	0	112

*Number of Seychelles Registered Vessels

TABLE 2.1B Industrial Longliners Active by Country of Registration by Year

(Database Closed on 20/09/2024)

Years: 2013 - 2023

Country	Year										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023**
SEYCHELLES	33	35	42	47	51	54	56	57	63	57	33
TAIWAN PROVINCE OF CHINA	90	71	83	105	106	92	76	82	97	103	76
CHINA	13	18	17	27	41	45	25	7	11	6	
JAPAN*	3	2									
KOREA				2							
SPAIN								1	1	1	
PORTUGAL								1	1		
BELIZE											
OMAN	1								1	3	2
MAURITIUS										12	12
INDONESIA			1	1							
PHILIPPINES	5	1	1								
FRANCE								1			
TANZANIA	1	1	1	1							
THAILAND		1	2								
Annual	146	129	147	183	198	191	157	149	174	170	123

Number of Vessels change of flag			2								12	4
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* Note: Since 2012, Vessel under Japan flag were operating under Taiwanese Deep Sea Fisheries Agreement (TFA).

** 4 Vessels change flag from Seychelles to Mauritius

TABLE 2.1C Industrial Longliners Active by Country of Registration by Month

(Database Closed on 20/09/2024)

Year: 2022

Month	Seychelles*	Taiwan POC	China	Oman	Mauritius	Spain	Total
Jan	54	75	6	1	0	0	136
Feb	50	27	1	0	0	1	79
Mar	35	29	0	0	0	0	64
Apr	34	19	0	0	0	0	53
May	33	5	0	0	0	0	38
Jun	27	1	0	0	0	0	28
Jul	23	0	0	0	0	0	23
Aug	22	2	0	0	1	0	25
Sep	25	23	0	0	4	0	52
Oct	28	65	1	2	12	0	108
Nov	32	82	0	2	10	0	126
Dec	31	77	0	2	9	0	119
Annual Average	33	37	3	2	7	1	71
Quarter 1	46	44	4	1	0	1	93
Quarter 2	31	8	0	0	0	0	40
Quarter 3	23	13	0	0	3	0	33
Quarter 4	30	75	1	2	10	0	118
First Semester	39	26	4	1	0	1	66
Second Semester	27	50	1	2	7	0	76

Year: 2023

Month	Seychelles*	Taiwan POC	China	Oman	Mauritius	Spain	Total
Jan	28	59	0	2	11	0	100
Feb	25	36	0	2	9	0	72
Mar	25	14	0	0	6	0	45
Apr	26	7	0	0	2	0	35
May	25	8	0	0	0	0	33
Jun	25	6	0	0	0	0	31
Jul	23	0	0	0	0	0	23
Aug	14	1	0	0	0	0	15
Sep	19	16	0	0	2	0	37
Oct	21	44	0	0	6	0	71
Nov	23	51	0	2	3	0	79
Dec	23	47	0	2	7	0	79
Annual Average	23	26	0	2	6	0	52
Quarter 1	26	36	0	2	9	0	72
Quarter 2	25	7	0	0	2	0	33
Quarter 3	19	9	0	0	2	0	25
Quarter 4	22	47	0	2	5	0	76
First Semester	26	22	0	2	7	0	53
Second Semester	21	32	0	2	5	0	51

TABLE 2.2. Logbook Returned (%) to SFA by Industrial Longliners Holding Licenses

(Database Closed on 20/09/2024)

Years: 2013 - 2023

Country	Year											
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
SEYCHELLES	100	95	95	97	95	95	98	100	100	100	100	
TAIWAN PROVINCE OF CHINA	77	81	95	92	98	95	99	100	100	100	100	
CHINA	86	91	98	100	99	97	96	100	100	100		
JAPAN	91	89	20									
REPUBLIC OF KOREA			0	34	0	0						
SPAIN								100	100	100	100	
PORTUGAL								100	100			
BELIZE												
FRANCE					0	0	0	100	100			
OMAN	90								100	100	100	
MAURITIUS										100	87	
INDONESIA			0	0								
PHILIPPINES	68	100	50	0								
TANZANIA	92	91	100	100								
THAILAND		100	100	100								
Grand Total	84	88	95	93	94	94	98	100	100	100	99	

TABLE 2.2A Time Series Catch, Effort and Catch Rate Statistics for Industrial Longliners in the WIO

(Database Closed on 20/09/2024)

Country: ALL

Semester 1, Year: 2013 - 2023

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	18,985,332	0.45	877.4	10	4,565.9	53	854.8	10	631.9	7	297.6	3	1,386.8	16	8,614.5
2014	16,939,623	0.44	1,589.6	21	3,511.2	47	742.2	10	548.3	7	360.6	5	733.8	10	7,485.7
2015	16,567,630	0.48	1,656.1	21	3,702.0	46	991.9	12	826.7	10	352.6	4	493.3	6	8,022.6
2016	27,703,915	0.43	2,912.8	24	4,246.0	35	1,165.4	10	1,599.8	13	564.7	5	1,545.5	13	12,034.3
2017	25,287,702	0.39	2,474.9	25	2,866.4	29	1,104.1	11	823.1	8	495.0	5	2,177.0	22	9,940.6
2018	26,422,469	0.40	3,764.8	35	2,243.5	21	1,359.5	13	862.5	8	661.2	6	1,714.9	16	10,606.4
2019	26,655,508	0.53	5,820.1	41	2,973.8	21	1,547.4	11	609.7	4	1,059.3	7	2,242.2	16	14,252.7
2020	26,405,652	0.60	5,778.3	36	5,499.6	35	1,310.5	8	616.6	4	714.7	4	2,018.1	13	15,937.8
2021	28,538,052	0.40	3,323.1	29	3,750.4	33	884.5	8	310.5	3	879.6	8	2,376.3	21	11,524.4
2022	23,312,005	0.37	2,918.2	34	3,082.4	35	660.1	8	356.1	4	556.4	6	1,136.1	13	8,709.2
2023	16,995,533	0.41	2,520.1	36	2,508.7	36	529.9	8	218.6	3	382.5	5	892.2	13	7,052.1

Country: ALL

Semester 2, Year: 2013 - 2023

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	15,309,146	0.50	957.5	13	4,573.9	60	450.5	6	348.9	5	374.2	5	914.3	12	7,619.2
2014	19,592,754	0.54	1,743.6	17	5,601.3	53	710.9	7	643.4	6	782.1	7	1,034.1	10	10,515.4
2015	22,441,818	0.55	2,719.1	22	5,918.8	48	1,209.0	10	1,166.5	9	531.7	4	828.2	7	12,373.2
2016	35,105,409	0.44	3,378.7	22	6,199.9	41	1,645.6	11	1,197.5	8	766.8	5	2,085.7	14	15,274.3
2017	36,259,726	0.38	3,166.6	23	4,959.0	36	1,202.9	9	730.3	5	901.6	7	2,693.3	20	13,653.6
2018	33,843,424	0.42	4,533.0	32	3,785.1	27	1,621.6	11	721.5	5	1,153.8	8	2,305.3	16	14,120.3
2019	26,683,515	0.59	6,080.4	38	4,607.5	29	1,019.7	6	496.1	3	922.5	6	2,714.5	17	15,840.7
2020	30,969,870	0.50	4,639.9	30	6,031.0	39	1,158.7	7	313.5	2	969.2	6	2,446.2	16	15,558.5
2021	38,073,378	0.36	3,472.6	25	6,737.5	49	901.7	7	396.3	3	601.5	4	1,705.8	12	13,815.3
2022	30,857,908	0.37	3,777.4	33	4,660.3	41	679.1	6	312.5	3	675.6	6	1,175.6	10	11,280.1
2023	20,792,961	0.53	3,902.9	35	4,280.9	39	473.2	4	313.6	3	579.0	5	1,517.0	14	11,066.7

Country: ALL

Year: 2013 - 2023

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	34,294,478	0.47	1,834.9	11	9,139.8	56	1305.3	8	980.8	6	671.8	4	2,301.1	14	16,233.7
2014	36,532,377	0.49	3,333.3	19	9,112.5	51	1453.1	8	1191.7	7	1,142.7	6	1,767.9	10	18,001.1
2015	39,009,448	0.52	4,375.2	21	9,620.8	47	2200.8	11	1993.2	10	884.3	4	1,321.4	6	20,395.8
2016	62,809,324	0.43	6,291.5	23	10,445.8	38	2811.1	10	2797.4	10	1,331.6	5	3,631.2	13	27,308.5
2017	61,547,429	0.38	5,641.5	24	7,825.4	33	2307.0	10	1553.4	7	1,396.6	6	4,870.3	21	23,594.2
2018	60,265,893	0.41	8,297.8	34	6,028.6	24	2981.1	12	1584.0	6	1,814.9	7	4,020.2	16	24,726.7
2019	53,339,023	0.56	11,900.6	40	7,581.3	25	2567.2	9	1105.8	4	1,981.8	7	4,956.7	16	30,093.4
2020	57,375,523	0.55	10,418.2	33	11,530.6	37	2469.2	8	930.1	3	1,684.0	5	4,464.3	14	31,496.3
2021	66,611,430	0.38	6,795.7	27	10,487.9	41	1786.2	7	706.8	3	1,481.0	6	4,082.0	16	25,339.7
2022	54,169,914	0.37	6,695.6	33	7,742.7	39	1339.3	7	668.6	3	1,232.0	6	2,311.7	12	19,989.3
2023	37,788,494	0.48	6,423.0	35	6,789.6	37	1003.1	6	532.3	3	961.5	5	2,409.2	13	18,118.8

TABLE 2.2B Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the WIO

(Database Closed on 20/09/2024)

Country: ALL

Year: 2022

Month	Vessels		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
	Licensed (Number)	Covered (Number)			Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	158	136	7,669,821	0.37	1,364.7	48	833.7	29	196.7	7	110.1	4	168.5	6	186.7	7	2,860.3
Feb	154	79	3,927,080	0.31	418.9	34	431.5	35	103.7	8	51.2	4	123.0	10	108.1	9	1,236.3
Mar	145	64	3,532,776	0.29	290.5	28	358.4	35	101.1	10	63.4	6	109.6	11	112.4	11	1,035.4
Apr	118	53	3,440,715	0.41	371.5	26	584.4	41	90.5	6	52.2	4	76.5	5	239.9	17	1,415.0
May	96	38	2,912,019	0.47	320.5	23	608.4	44	110.3	8	45.9	3	37.2	3	258.2	19	1,380.7
Jun	95	28	1,829,593	0.43	152.1	19	266.0	34	57.9	7	33.3	4	41.4	5	230.8	30	781.5
Jul	93	23	1,523,844	0.32	58.6	12	182.8	37	41.6	8	18.9	4	19.9	4	168.9	34	490.7
Aug	91	25	1,691,310	0.28	45.8	10	181.8	39	50.7	11	15.8	3	22.3	5	153.0	33	469.4
Sep	106	52	2,426,530	0.30	147.6	21	272.2	38	49.9	7	24.3	3	51.5	7	171.6	24	717.1
Oct	137	108	6,901,137	0.38	1,018.4	39	911.4	34	157.3	6	65.7	2	187.7	7	302.5	11	2,642.9
Nov	150	126	9,022,086	0.34	1,074.9	35	1,316.2	43	186.5	6	94.1	3	196.5	6	210.8	7	3,079.0
Dec	143	119	9,293,000	0.42	1,432.1	37	1,796.0	46	193.2	5	93.6	2	197.8	5	168.8	4	3,881.5
Annual	124	71	54,169,914	0.37	6,695.6	33	7,742.7	39	1,339	7	668.6	3	1,232.0	6	2,311.7	12	19,989.8
Quarter 1	152	93	15,129,677	0.34	2,074.0	40	1,623.6	32	401.4	8	224.7	4	401.1	8	407.2	8	5,132.0
Quarter 2	103	40	8,182,328	0.44	844.1	24	1,458.9	41	258.7	7	131.5	4	155.2	4	728.9	20	3,577.2
Quarter 3	97	33	5,641,685	0.30	252.0	15	636.7	38	142.2	8	59.0	4	93.7	6	493.5	29	1,677.2
Quarter 4	143	118	25,216,223	0.38	3,525.4	37	4,023.6	42	537.0	6	253.5	3	581.9	6	682.1	7	9,603.4
First Semester	128	66	23,312,005	0.37	2,918.2	34	3,082.4	35	660.1	8	356.1	4	556.4	6	1,136.1	13	8,709.2
Second Semester	120	76	30,857,908	0.37	3,777.4	33	4,660.3	41	679.1	6	312.5	3	675.6	6	1,175.6	10	11,280.6

Country: ALL

Year: 2023

Month	Vessels		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
	Licensed (Number)	Covered (Number)			Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	110	100	5,870,086	0.45	1,518.6	58	628.0	24	131.8	5	57.6	2	169.7	6	106.9	4	2,612.5
Feb	110	72	2,990,299	0.29	328.2	38	270.9	32	62.6	7	51.4	6	68.3	8	71.1	8	852.7
Mar	106	45	1,979,885	0.33	166.7	25	320.4	49	42.1	6	27.5	4	39.9	6	63.2	10	659.8
Apr	105	35	2,149,663	0.42	159.5	18	443.9	49	87.8	10	27.4	3	36.7	4	154.8	17	910.0
May	91	33	2,352,837	0.54	204.3	16	553.1	44	139.6	11	37.0	3	46.6	4	282.0	22	1,262.6
Jun	91	31	1,652,763	0.46	142.8	19	292.4	39	66.0	9	17.8	2	21.2	3	214.2	28	754.4
Jul	103	23	1,616,014	0.57	160.1	17	249.1	27	47.3	5	45.0	5	22.6	2	403.6	44	927.8
Aug	104	15	818,564	0.40	63.6	19	80.1	25	21.3	7	6.8	2	25.2	8	129.9	40	327.0
Sep	111	37	1,645,143	0.44	286.9	40	186.3	26	40.8	6	15.3	2	52.0	7	139.3	19	720.6
Oct	117	71	5,169,505	0.42	736.3	34	794.4	36	114.8	5	47.6	2	150.1	7	343.9	16	2,187.1
Nov	117	79	6,110,225	0.51	949.6	30	1,469.1	47	131.0	4	84.6	3	181.9	6	301.5	10	3,117.7
Dec	117	79	5,433,512	0.70	1,706.3	45	1,501.8	40	118.1	3	114.3	3	147.2	4	198.9	5	3,786.7
Annual	107	52	37,788,494	0.48	6,423.0	35	6,789.6	37	1,003.1	6	532.3	3	961.5	5	2,409.2	13	18,118.8
Quarter 1	109	72	10,840,269.73	0	2,013.5	48.8	1,219.3	29.6	237	6	136	3	278	6.7	241	5.8	4,125.0
Quarter 2	96	33	6,155,263.053	0	506.5	17.3	1,289.4	44.1	293	10	82	3	105	3.6	651	22.2	2,927.1
Quarter 3	106	25	4,079,720.232	0	510.7	25.9	515.5	26.1	109	6	67	3	100	5.1	673	34.1	1,975.3
Quarter 4	117	76	16,713,240.87	1	3,392.2	37.3	3,765.4	41.4	364	4	247	3	479	5.3	844	9.3	9,091.4
First Semester	102	53	16,995,533	0.41	2,520.1	36	2,508.7	36	529.9	8	218.6	3	382.5	5	892.2	13	7,052.1
Second Semester	112	51	20,792,961	0.53	3,902.9	35	4,280.9	39	473.2	4	313.6	3	579.0	5	1,517.0	14	11,066.7

TABLE 2.2C Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the WIO

(Database Closed on 20/09/2024)

Country: SEYCHELLES

Year: 2022

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
					Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	58	54	3,607,394	0.40	741.8	52	423.1	30	120.0	8	46.2	3	31.4	2	71.0	5	1,433.5
Feb	58	50	2,815,045	0.31	305.1	35	341.7	40	69.2	8	32.7	4	40.6	5	71.9	8	861.4
Mar	56	35	2,388,349	0.29	180.4	26	253.8	37	75.2	11	35.9	5	51.8	8	84.9	12	681.9
Apr	54	34	2,669,481	0.42	301.5	27	449.8	40	70.1	6	36.5	3	43.9	4	226.3	20	1,128.1
May	44	33	2,765,725	0.48	305.0	23	589.5	44	105.1	8	43.3	3	33.6	3	254.8	19	1,331.2
Jun	44	27	1,811,113	0.42	152.1	20	265.9	35	57.7	8	26.2	3	36.5	5	229.0	30	767.4
Jul	44	23	1,523,844	0.32	58.6	12	182.8	37	41.6	8	18.9	4	19.9	4	168.9	34	490.7
Aug	42	22	1,666,520	0.28	45.5	10	178.0	38	50.2	11	15.6	3	21.9	5	152.3	33	463.5
Sep	41	25	1,827,816	0.28	78.8	15	209.5	41	33.4	6	17.5	3	30.1	6	147.2	29	516.6
Oct	41	28	2,058,903	0.34	197.1	28	289.2	41	46.8	7	21.0	3	44.3	6	111.8	16	710.3
Nov	41	32	2,318,934	0.31	238.9	34	322.0	45	58.7	8	20.4	3	30.8	4	37.0	5	707.7
Dec	40	31	2,293,686	0.35	289.0	36	376.8	47	52.4	6	23.4	3	31.0	4	33.5	4	806.1
Annual	47	33	27,746,813	0.36	2,893.9	29	3,882.2	39	780.4	8	337.5	3	415.8	4	1,588.6	16	9,898.3
Quarter 1	57	46	8,810,788	0.34	1,227.3	41	1,018.7	34	264.4	9	114.8	4	123.7	4	227.8	8	2,976.8
Quarter 2	47	31	7,246,320	0.45	758.6	24	1,305.2	40	232.8	7	106.0	3	114.0	4	710.0	22	3,226.8
Quarter 3	42	23	5,018,181	0.29	182.9	12	570.3	39	125.3	9	51.9	4	71.9	5	468.4	32	1,470.8
Quarter 4	41	30	6,671,523	0.33	725.0	33	988.1	44	157.9	7	64.8	3	106.1	5	182.2	8	2,224.1
First Semester	52	39	16,057,108	0.39	1,985.9	32	2,323.8	37	497.3	8	220.8	4	237.8	4	937.9	15	6,203.5
Second Semester	42	27	11,689,704	0.32	907.9	25	1,558.4	42	283.1	8	116.7	3	178.0	5	650.7	18	3,694.8

Country: SEYCHELLES

Year: 2023

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
					Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	31	28	2,295,771	0.46	657.7	62	256.1	24	63.2	6	25.8	2	31.8	3	23.1	2	1,057.8
Feb	31	25	1,544,367	0.25	130.4	34	160.8	42	33.5	9	24.3	6	16.1	4	19.0	5	384.1
Mar	31	25	1,732,480	0.35	154.4	26	302.8	51	37.2	6	26.0	4	19.9	3	58.5	10	598.9
Apr	30	26	1,965,578	0.42	145.9	18	400.9	48	78.9	9	23.1	3	30.1	4	152.4	18	831.3
May	28	25	2,063,197	0.55	175.9	16	529.7	47	118.8	10	27.5	2	18.2	2	264.0	23	1,134.0
Jun	28	25	1,563,863	0.46	141.4	20	286.0	39	61.5	8	15.9	2	13.2	2	207.1	29	725.1
Jul	28	23	1,616,014	0.57	160.1	17	249.1	27	47.3	5	45.0	5	22.6	2	403.6	44	927.8
Aug	28	14	798,264	0.39	58.7	19	78.2	25	19.4	6	6.8	2	18.2	6	128.9	42	310.2
Sep	30	19	1,103,578	0.45	196.8	40	122.9	25	22.1	4	9.4	2	29.8	6	113.5	23	494.4
Oct	30	21	1,643,422	0.46	318.0	42	222.6	30	28.2	4	12.4	2	35.0	5	132.2	18	748.5
Nov	30	23	1,778,283	0.53	391.0	42	372.7	40	33.9	4	15.9	2	38.9	4	82.7	9	935.1
Dec	30	23	1,997,620	0.74	789.2	53	550.8	37	44.4	3	26.1	2	17.9	1	51.7	3	1,480.0
Annual	30	23	20,102,437	0.48	3,319.6	34	3,532.6	37	588.3	6	258.3	3	291.8	3	1,636.7	17	9,627.3
Quarter 1	31	26	5,572,618	0.37	942.5	46	719.7	35	133.9	7	76.1	4	67.8	3	100.7	5	2,040.8
Quarter 2	29	25	5,592,638	0.48	463.2	17	1,216.6	45	259.2	10	66.5	2	61.5	2	623.5	23	2,690.5
Quarter 3	29	19	3,517,855	0.49	415.7	24	450.2	26	88.8	5	61.2	4	70.6	4	646.0	37	1,732.4
Quarter 4	30	22	5,419,326	0.58	1,498.2	47	1,146.1	36	106.4	3	54.5	2	91.8	3	266.6	8	3,163.6
First Semester	30	26	11,165,256	0.42	1,405.8	30	1,936.3	41	195.2	4	115.6	2	129.3	3	912.6	19	4,731.3
Second Semester	29	21	8,937,181	0.55	1,913.9	39	1,596.2	33	377.2	8	161.8	3	162.5	3	1,104.6	23	4,896.1

TABLE 2.2D Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the WIO

(Database Closed on 20/09/2024)

Country: TAIWAN PROVINCE OF CHINA

Year: 2022

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
					Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	89	75	3,666,275	0.36	550.1	42	382.3	29	72.9	6	60.0	5	131.1	10	106.2	8	1,302.5
Feb	86	27	1,073,170	0.33	112.7	31	88.0	25	27.1	8	17.9	5	77.3	22	35.7	10	358.7
Mar	84	29	1,144,427	0.31	110.1	31	104.6	30	25.9	7	27.6	8	57.8	16	27.5	8	353.5
Apr	55	19	771,234	0.37	70.0	24	134.7	47	20.4	7	15.7	5	32.6	11	13.6	5	286.9
May	43	5	146,294	0.34	15.6	31	18.9	38	5.2	10	2.6	5	3.7	7	3.5	7	49.5
Jun	42	1	18,480	0.76	0.0	0	0.1	1	0.2	2	7.1	50	4.9	35	1.7	12	14.1
Jul	40	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	39	2	5,590	0.16	0.0	2	0.3	31	0.1	11	0.1	8	0.3	39	0.1	9	0.9
Sep	55	23	401,714	0.27	34.3	31	38.6	35	7.5	7	3.2	3	17.2	16	9.6	9	110.4
Oct	78	65	4,130,671	0.37	587.2	38	520.5	34	93.8	6	37.1	2	136.7	9	164.7	11	1,540.1
Nov	92	82	5,983,599	0.32	558.4	29	885.7	46	112.4	6	66.8	3	160.8	8	157.7	8	1,941.9
Dec	88	77	6,198,777	0.37	535.5	24	1,253.5	55	127.7	6	65.0	3	164.1	7	118.9	5	2,264.7
Annual	66	34	23,540,231	0.35	2,573.9	31	3,427.1	42	493.3	6	303.1	4	786.5	10	639.2	8	8,223.2
Quarter 1	86	44	5,883,872	0.34	772.9	38	574.8	29	126.0	6	105.4	5	266.2	13	169.4	8	2,014.7
Quarter 2	47	8	936,008	0.37	85.5	24	153.7	44	25.8	7	25.4	7	41.2	12	18.8	5	350.5
Quarter 3	45	8	407,304	0.27	34.3	31	38.8	35	7.6	7	3.3	3	17.5	16	9.7	9	111.2
Quarter 4	86	75	16,313,047	0.35	1,681.1	29	2,659.8	46	334.0	6	169.0	3	461.6	8	441.3	8	5,746.7
First Semester	67	26	6,819,880	0.35	858.5	36	728.5	31	151.8	6	130.9	6	307.4	13	188.2	8	2,365.2
Second Semester	65	42	16,720,351	0.35	1,715.4	29	2,698.6	46	341.5	6	172.3	3	479.1	8	451.0	8	5,857.9

Country: TAIWAN PROVINCE OF CHINA

Year: 2023

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort	Catch Rate	Catches												Total Catch
					Yellowfin	Bigeeye	Swordfish	Marlin	Shark	Others							
Jan	65	59	2,890,753	0.46	757.5	57	280.8	21	56.4	4	26.3	2	135.3	10	70.0	5	1,326.4
Feb	65	36	1,026,585	0.30	85.0	27	87.7	28	20.2	6	25.0	8	51.3	17	41.3	13	310.5
Mar	63	14	206,915	0.26	8.3	16	14.9	28	4.1	8	1.3	2	20.0	38	4.6	9	53.1
Apr	63	7	131,285	0.39	10.5	21	21.3	42	5.9	12	4.1	8	6.6	13	2.3	5	50.8
May	61	8	289,640	0.44	28.4	22	23.4	18	20.8	16	9.5	7	28.5	22	18.0	14	128.6
Jun	61	6	88,900	0.33	1.3	5	6.4	22	4.5	15	1.8	6	8.0	27	7.2	24	29.3
Jul	73	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	73	1	20,300	0.82	4.9	29	2.0	12	1.9	12	0	0	7.0	42	1.0	6	16.7
Sep	73	16	502,895	0.38	66.0	34	57.6	30	16.7	9	4.9	3	22.2	12	24.0	13	191.6
Oct	73	44	3,247,512	0.39	326.7	26	534.9	42	77.1	6	30.3	2	115.0	9	181.9	14	1,265.9
Nov	73	51	4,013,997	0.51	485.1	24	1,039.9	51	93.5	5	65.7	3	141.0	7	208.2	10	2,033.4
Dec	73	47	3,064,333	0.65	710.1	36	858.5	43	67.6	3	79.4	4	128.5	6	141.2	7	1,985.3
Annual	68	24	15,483,115	0.48	2,483.69	34	2,927.6	40	368.7	5	248.5	3	663.5	9	699.6	9	7,391.5
Quarter 1	64	36	4,124,253	0.41	850.7	50	383.4	23	80.7	5	52.6	3	206.6	12	115.9	7	1,689.9
Quarter 2	62	7	509,825	0.41	40.2	19	51.1	25	31.2	15	15.5	7	43.1	21	27.5	13	208.6
Quarter 3	73	6	523,195	0.40	70.9	34	59.6	29	18.7	9	4.9	2	29.2	14	25.0	12	208.3
Quarter 4	73	47	10,325,842	0.51	1,521.8	29	2,433.4	46	238.2	5	175.5	3	384.6	7	531.2	10	5,284.7
First Semester	63	22	4,634,078	0.41	891.0	47	434.6	23	111.9	6	68.1	4	413.8	22	143.4	8	1,898.6
Second Semester	73	27	10,849,037	0.51	1,592.7	29	2,493.0	45	256.9	5	180.4	3	114.3	2	73.4	1	5,493.0

TABLE 2.2E Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the WIO

(Database Closed on 20/09/2024)

Country: OTHERS

Year: 2022

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin		Bigeye		Catches		Marlin		Shark		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	11	7	396,152	0.31	72.8	59	28.3	23	3.7	3	3.9	3	6.0	5	9.5	8	124.3
Feb	10	2	38,865	0.42	1.0	6	1.8	11	7.3	45	0.5	3	5.2	32	0.5	3	16.2
Mar	5	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Apr	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
May	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jun	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jul	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	10	1	19,200	0.26	0.3	7	3.5	69	0.4	8	0.1	3	0.1	1	0.6	13	5.0
Sep	10	4	197,000	0.46	34.5	38	24.1	27	9.0	10	3.7	4	4.2	5	14.7	16	90.1
Oct	18	15	711,563	0.55	234.1	60	101.6	26	16.6	4	7.6	2	6.7	2	25.9	7	392.6
Nov	17	12	719,553	0.60	277.5	65	108.4	25	15.5	4	6.9	2	4.9	1	16.2	4	429.4
Dec	15	11	800,537	1.01	607.6	75	165.7	20	13.1	2	5.2	1	2.7	0	16.4	2	810.2
Annual	11	4	2,882,870	0.65	1,227.9	66	433.4	23	65.5	4	27.9	1	29.7	2	83.9	4	1,867.8
Quarter 1	9	3	435,017	0.32	73.8	53	30.1	21	11.0	8	4.4	3	11.2	8	10.0	7	140.5
Quarter 2	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Quarter 3	10	2	216,200	0.44	34.8	37	27.6	29	9.3	10	3.8	4	4.3	5	15.4	16	95.2
Quarter 4	17	13	2,231,653	0.73	1,119.3	69	375.7	23	45.2	3	19.7	1	14.2	1	58.5	4	1,632.2
First Semester	9	2	435,017	0.32	73.8	53	30.1	21	11.0	8	4.4	3	11.2	8	10.0	7	140.5
Second Semester	13	7	2,447,853	0.71	1,154.1	67	403.3	23	54.5	3	23.5	1	18.5	1	73.9	4	1,727.4

Country: OTHERS

Year: 2023

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin		Bigeye		Catches		Marlin		Shark		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	14	13	683,562	0.33	103.4	45	91.0	40	12.2	5	5	2	2.7	1	13.7	6	228.4
Feb	14	11	419,347	0.38	112.9	71	22.4	14	9.0	6	2.0	1	0.9	1	10.8	7	158.0
Mar	12	6	40,490	0.19	4.0	51	2.7	34	0.8	10	0.3	3	0	0	0.2	2	7.9
Apr	12	2	52,800	0.53	3.1	11	21.6	78	3.0	11	0.1	0	0	0	0.0	0	27.9
May	2	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jun	2	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jul	2	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	3	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Sep	8	2	38,670	0.89	24.0	70	5.8	17	2.0	6	1.0	3	0	0	1.8	5	34.6
Oct	14	6	278,570	0.62	91.6	53	36.9	21	9.5	5	4.9	3	0	0	29.8	17	172.7
Nov	14	5	317,944	0.47	73.6	49	56.6	38	3.6	2	2.9	2	1.9	1	10.6	7	149.1
Dec	14	9	371,559	0.86	207.1	64	92.5	29	6.1	2	8.8	3	0.8	0	6.1	2	321.3
Annual	9	5	2,202,942	0.50	619.7	56	329.5	30	46.1	4	25.5	2	6.3	1	72.9	7	1,099.9
Quarter 1	13	10	1,143,399	0.34	220.2	56	116.1	29	22.0	6	7.8	2	3.6	1	24.7	6	394.3
Quarter 2	5	1	52,800	0.53	3.1	11	21.6	78	3.0	11	0.1	0	0.0	0	0.0	0	27.9
Quarter 3	4	1	38,670	0.89	24.0	70	5.8	17	2.0	6	1.0	3	0.0	0	1.8	5	34.6
Quarter 4	14	7	968,073	0.66	372.3	58	185.9	29	19.2	3	16.6	3	2.7	0	46.4	7	643.1
First Semester	9	5	1,196,199	0.35	223.4	53	137.8	33	25.0	6	7.9	2	3.6	1	24.7	6	422.2
Second Semester	9	4	1,006,743	0.67	396.3	58	191.7	28	21.1	3	17.6	3	2.7	0	48.2	7	677.6

TABLE 2.2F Time Series of Discarded catches (Number) for Industrial Longliners in the WIO

Country: Seychelles

Area: WIO

Year	Fate	Sharks						Others		Interactions with	
		Blue shark	Mako sharks	Thresher sharks	Silky shark	Hammerhead shark	Porbeagle	Rays, mantas nei	Others	Sea birds	Marine turtles
2022	ALIVE	1259	73	12	36	2		5		83	95
	DEAD	1177	69	7	46	2				26	8
	UNKNOWN								90		
2022 Total		2436	142	19	82	2		5	90	109	103
2023	ALIVE	765	27	42	90	1		19		29	24
	DEAD	561	33	5	62		2			14	
	UNKNOWN	19			1						
2023 Total		1345	60	47	153	1	2	19		43	24

TABLE 2.3 Time Series Catch, Effort and Catch Rate Statistics for Industrial Longliners in the Seychelles EEZ

(Database Closed on 20/09/2024)

Country: ALL

Semester 1, Year: 2013 - 2023

Area: SYC EEZ

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	7,397,036	0.42	432.6	14	1,839.4	59	290.4	9	306.1	10	145.9	5	83.4	3	3,097.8
2014	7,150,969	0.38	737.1	27	1,295.8	48	218.3	8	188.7	7	193.4	7	69.8	3	2,703.1
2015	7,358,909	0.39	775.3	27	1,249.9	43	311.0	11	278.4	10	193.9	7	92.2	3	2,900.6
2016	13,673,906	0.42	1,740.6	30	2,185.8	38	570.4	10	768.7	13	317.8	5	225.8	4	5,809.1
2017	10,650,142	0.34	1,099.1	30	1,309.4	36	455.2	13	343.4	10	262.2	7	137.7	4	3,606.9
2018	9,603,367	0.32	1,343.7	43	754.8	24	388.6	12	239.7	8	234.7	8	148.2	5	3,109.7
2019	8,377,428	0.40	1,416.0	42	853.1	25	292.9	9	183.4	5	418.3	12	200.2	6	3,363.8
2020	8,676,185	0.60	2,046.0	39	1,905.4	37	411.5	8	214.2	4	369.9	7	265.4	5	5,212.5
2021	14,432,763	0.38	1,994.1	36	2,150.2	39	441.6	8	152.5	3	535.6	10	262.8	5	5,536.8
2022	9,376,199	0.33	1,341.1	43	877.5	28	199.3	6	153.3	5	309.0	10	242.6	8	3,122.8
2023	6,483,619	0.39	1,276.6	51	596.8	24	152.8	6	79.4	3	245.5	10	170.9	7	2,522.0

Country: ALL

Semester 2, Year: 2013 - 2023

Area: SYC EEZ

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	7,207,523	0.55	540.1	14	2,802.5	70	174.4	4	197.5	5	184.5	5	79.8	2	3,978.7
2014	12,808,336	0.56	1,532.4	21	4,142.8	57	429.3	6	435.6	6	474.3	7	209.8	3	7,224.3
2015	14,362,378	0.54	2,176.7	28	3,956.8	51	505.0	6	659.1	8	317.7	4	180.0	2	7,795.3
2016	22,149,887	0.44	2,856.3	29	4,546.7	46	770.6	8	777.4	8	600.8	6	264.8	3	9,816.7
2017	21,786,365	0.36	2,129.9	27	3,635.9	46	621.8	8	433.6	6	606.6	8	412.2	5	7,839.9
2018	17,981,382	0.39	2,517.6	36	2,288.9	33	650.7	9	390.8	6	665.8	10	467.6	7	6,981.4
2019	9,732,500	0.68	3,277.4	50	2,012.7	31	322.1	5	222.2	3	365.5	6	375.6	6	6,575.6
2020	17,221,491	0.55	3,620.0	38	4,071.3	43	682.7	7	193.2	2	553.6	6	379.9	4	9,500.7
2021	24,149,178	0.37	2,832.8	31	4,537.8	50	539.2	6	260.9	3	459.5	5	408.0	5	9,038.4
2022	22,976,492	0.38	3,389.6	39	3,486.2	40	485.6	6	234.9	3	583.1	7	601.5	7	8,780.4
2023	15,345,350	0.53	3,005.0	37	3,341.9	41	349.3	4	226.9	3	468.5	6	666.3	8	8,057.9

Country: ALL

Year: 2013 - 2023

Area: SYC EEZ

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	14,604,559	0.48	972.7	14	4,641.9	66	464.7	7	503.6	7	330.4	5	163.2	2	7,076.5
2014	19,959,305	0.50	2,269.6	23	5,438.6	55	647.6	7	624.3	6	667.8	7	279.6	3	9,927.4
2015	21,721,287	0.49	2,952.0	28	5,206.7	49	816.0	8	937.5	9	511.5	5	272.1	3	10,695.8
2016	35,823,793	0.44	4,597.0	29	6,732.4	43	1341.0	9	1546.1	10	918.7	6	490.6	3	15,625.8
2017	32,436,507	0.35	3,229.0	28	4,945.2	43	1077.0	9	777.0	7	868.8	8	549.9	5	11,446.9
2018	27,584,749	0.37	3,861.3	38	3,043.7	30	1039.2	10	630.5	6	900.5	9	615.8	6	10,091.1
2019	18,109,928	0.55	4,693.5	47	2,865.8	29	615.0	6	405.5	4	783.7	8	575.8	6	9,939.3
2020	25,897,676	0.57	5,666.0	39	5,976.7	41	1094.3	7	407.4	3	923.5	6	645.3	4	14,713.1
2021	38,581,941	0.38	4,826.9	33	6,688.0	46	980.8	7	413.5	3	995.1	7	670.8	5	14,575.2
2022	32,352,691	0.37	4,730.7	40	4,363.7	37	684.8	6	388.2	3	892.1	7	844.2	7	11,903.2
2023	21,828,969	0.48	4,281.6	40	3,938.7	37	502.1	5	306.3	3	714.0	7	837.2	8	10,579.9

TABLE 2.3A Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the Seychelles EEZ

(Database Closed on 20/09/2024)

Country: ALL			Year: 2022			Area: SYC EEZ													
Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches														Total Catch (Mt)
					Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others				
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
Jan	158	136	5,178,278	0.36	885.6	48	518.1	28	95.0	5	74.0	4	137.8	7	132.8	7	1,843.2		
Feb	154	79	1,841,080	0.30	187.3	34	142.6	26	46.2	8	26.8	5	87.7	16	58.3	11	548.9		
Mar	145	64	1,587,579	0.28	154.2	34	134.1	30	36.8	8	32.2	7	62.3	14	31.4	7	451.0		
Apr	118	53	478,877	0.32	63.0	42	46.3	31	9.8	6	8.5	6	12.4	8	11.0	7	151.1		
May	96	38	209,265	0.39	26.1	32	33.1	40	9.0	11	4.6	6	4.3	5	5.1	6	82.3		
Jun	95	28	81,120	0.57	24.8	54	3.3	7	2.5	5	7.2	16	4.4	10	4.0	9	46.2		
Jul	93	23	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Aug	91	25	108,148	0.24	2.7	10	10.1	39	1.9	7	0.8	3	6.1	23	4.4	17	26.1		
Sep	106	52	843,097	0.33	81.5	30	92.4	34	21.6	8	9.0	3	40.2	15	29.7	11	274.3		
Oct	137	108	5,912,582	0.39	975.1	42	745.2	32	138.8	6	57.4	2	173.4	7	222.8	10	2,312.7		
Nov	150	126	8,007,847	0.35	1,033.9	37	1,105.3	40	159.3	6	86.5	3	186.0	7	192.6	7	2,763.7		
Dec	143	119	8,104,818	0.42	1,296.4	38	1,533.2	45	164.0	5	81.2	2	177.4	5	152.0	4	3,403.6		
Annual	124	71	32,352,691	0.37	4,730.7	40	4,363.7	37	684.8	6	388.2	3	892.1	7	844.2	7	11,903.2		
Quarter 1	152	93	8,606,937	0.33	1,227.1	43	794.8	28	177.9	6	133.0	5	287.8	10	222.5	8	2,843.1		
Quarter 2	103	40	769,262	0.36	114.0	41	82.7	30	21.3	8	20.3	7	21.1	8	20.2	7	279.7		
Quarter 3	97	33	951,245	0.32	84.2	28	102.5	34	23.5	8	9.8	3	46.3	15	34.1	11	300.4		
Quarter 4	143	118	22,025,248	0.39	3,305.4	39	3,383.7	40	462.1	5	225.1	3	536.8	6	567.4	7	8,480.0		
First Semester	128	66	9,376,199	0.33	1,341.1	43	877.5	28	199.3	6	153.3	5	309.0	10	242.6	8	3,122.8		
Second Semester	120	76	22,976,492	0.38	3,389.6	39	3,486.2	40	485.6	6	234.9	3	583.1	7	601.5	7	8,780.4		

Country: ALL			Year: 2023			Area: SYC EEZ													
Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches														Total Catch (Mt)
					Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others				
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
Jan	110	100	3,853,788	0.43	958.4	58	380.5	23	73.5	4	33.6	2	125.9	8	82.3	5	1,654.2		
Feb	110	72	1,742,890	0.32	251.1	46	128.7	23	33.2	6	29.1	5	55.1	10	54.2	10	551.4		
Mar	106	45	274,406	0.23	11.3	18	17.0	27	7.4	12	1.6	3	20.4	32	5.5	9	63.1		
Apr	105	35	199,005	0.46	19.4	21	42.4	46	11.9	13	4.5	5	9.6	11	3.6	4	91.5		
May	91	33	318,330	0.41	34.9	27	21.6	16	22.0	17	8.8	7	26.5	20	17.7	13	131.5		
Jun	91	31	95,200	0.32	1.3	4	6.7	22	4.8	16	1.8	6	8.0	26	7.7	25	30.4		
Jul	103	23	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Aug	104	15	64,800	0.47	14.0	46	3.8	12	3.5	11	0.2	1	7.1	23	2.1	7	30.7		
Sep	111	37	961,936	0.43	213.9	52	99.0	24	27.6	7	9.4	2	28.6	7	33.6	8	412.1		
Oct	117	71	4,560,592	0.43	705.1	36	739.6	38	108.0	5	43.9	2	135.2	7	232.4	12	1,964.1		
Nov	117	79	5,397,109	0.52	851.1	31	1,333.0	48	118.7	4	78.2	3	163.0	6	236.8	9	2,780.8		
Dec	117	79	4,360,913	0.66	1,220.9	43	1,166.5	41	91.5	3	95.2	3	134.6	5	161.4	6	2,870.1		
Annual	107	52	21,828,969	0.48	4,281.6	40	3,938.7	37	502.1	5	306.3	3	714.0	7	837.2	8	10,579.9		
Quarter 1	109	72	5,871,083	0.39	1,220.9	54	526.14	23	114.1	5	64.2	3	201.3	9	141.9	6	2,268.6		
Quarter 2	96	33	612,535	0.41	55.7	22	70.71	28	38.7	15	15.2	6	44.1	17	28.9	11	253.4		
Quarter 3	106	25	1,026,736	0.43	227.9	51	102.84	23	31.1	7	9.5	2	35.8	8	35.7	8	442.8		
Quarter 4	117	76	14,318,614	0.53	2,777.1	36	3,239.04	43	318.2	4	217.3	3	432.8	6	630.7	8	7,615.0		
First Semester	102	53	6,483,619	0.39	1,276.6	51	596.8	24	152.8	6	79.4	3	245.5	10	170.9	7	2,522.0		
Second Semester	112	51	2,629,831	3.06	3,005.0	37	3,341.9	41	349.3	4	226.9	3	468.5	6	666.3	8	8,057.9		

TABLE 2.3B Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the Seychelles EEZ

(Database Closed on 20/09/2024)

Country: SEYCHELLES

Year: 2022

Area: SYC EEZ

Month	Vessels		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
	Licensed (Number)	Covered (Number)			Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	58	54	1,335,617	0.37	287.9	59	130.9	27	23.9	5	14.0	3	7.3	1	23.8	5	487.8
Feb	58	50	790,258	0.24	77.4	41	56.2	30	12.8	7	9.4	5	9.7	5	22.9	12	188.4
Mar	56	35	668,364	0.25	64.9	39	54.6	33	15.1	9	9.3	6	13.5	8	9.6	6	167.0
Apr	54	34	197,773	0.32	32.4	52	16.3	26	4.1	7	2.3	4	1.2	2	6.1	10	62.4
May	44	33	102,971	0.46	15.6	33	20.1	43	5.1	11	2.2	5	1.1	2	2.9	6	47.0
Jun	44	27	65,720	0.51	24.8	74	3.2	9	2.3	7	0.8	2	0.1	0	2.3	7	33.5
Jul	44	23	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	42	22	83,358	0.24	2.3	12	6.4	32	1.4	7	0.6	3	5.7	28	3.7	18	20.2
Sep	41	25	308,083	0.29	17.8	20	37.0	42	6.2	7	2.2	2	19.4	22	5.5	6	88.1
Oct	41	28	1,229,748	0.35	173.7	41	143.0	33	30.7	7	13.7	3	31.9	7	34.1	8	427.1
Nov	41	32	1,454,850	0.30	203.2	47	136.1	32	34.1	8	13.9	3	22.6	5	21.0	5	430.9
Dec	40	31	1,567,332	0.35	224.0	41	236.1	43	32.9	6	14.3	3	22.5	4	22.7	4	552.4
Annual	47	33	7,804,074	0.32	1,124.0	45	839.8	34	168.6	7	82.7	3	135.2	5	154.6	6	2,504.9
Quarter 1	57	46	2,794,239	0.30	430.3	51	241.7	29	51.8	6	32.6	4	30.5	4	56.3	7	843.3
Quarter 2	47	31	366,464	0.39	72.8	51	39.6	28	11.5	8	5.4	4	2.4	2	11.3	8	142.9
Quarter 3	42	23	391,441	0.28	20.1	19	43.4	40	7.6	7	2.8	3	25.1	23	9.2	9	108.3
Quarter 4	41	30	4,251,931	0.33	600.8	43	515.2	37	97.7	7	41.9	3	77.1	5	77.8	6	1,410.4
First Semester	52	39	3,160,703	0.31	503.1	51	281.3	29	63.3	6	38.0	4	32.9	3	67.6	7	986.2
Second Semester	42	27	4,643,371	0.33	620.9	41	558.6	37	105.3	7	44.7	3	102.3	7	87.0	6	1,518.7

Country: SEYCHELLES

Year: 2023

Area: SYC EEZ

Month	Vessels		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
	Licensed (Number)	Covered (Number)			Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	31	28	842,909	0.39	222.8	67	66.1	20	15.7	5	7.0	2	10.3	3	9.3	3	331.1
Feb	31	25	429,604	0.25	60.9	56	27.2	25	6.7	6	4.4	4	6.4	6	3.9	4	109.5
Mar	31	25	51,491	0.19	0.3	3	1.3	13	3.1	31	0.3	3	3.8	38	1.2	12	9.9
Apr	30	26	42,215	0.60	6.6	26	9.0	36	4.1	16	0.8	3	3.4	13	1.4	6	25.3
May	28	25	92,870	0.28	6.9	27	4.2	16	6.9	27	0.5	2	3.7	14	3.6	14	25.8
Jun	28	25	6,300	0.18	0	0	0.3	28	0.3	27	0	0	0.0	0	0.5	45	1.1
Jul	28	23	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	28	14	44,500	0.31	9.1	65	1.8	13	1.5	11	0.2	1	0.2	1	1.1	8	14.0
Sep	30	19	466,991	0.43	128.5	64	41.1	20	10.3	5	3.9	2	7.1	4	10.0	5	201.0
Oct	30	21	1,133,985	0.48	292.9	54	174.2	32	22.1	4	9.1	2	21.0	4	24.0	4	543.3
Nov	30	23	1,261,368	0.54	305.5	45	280.7	42	26.3	4	12.0	2	27.1	4	23.5	3	675.1
Dec	30	23	1,180,711	0.62	360.7	49	292.5	40	25.3	3	18.7	3	10.6	1	28.1	4	735.9
Annual	30	23	5,552,944	0.48	1,394.3	52	898.5	34	122.4	5	56.8	2	93.6	4	106.6	4	2,672.2
Quarter 1	31	26	1,324,003	0.34	284.0	63	94.6	21	25.5	6	11.7	3	20.5	5	14.3	3	450.6
Quarter 2	29	25	141,385	0.37	13.5	26	13.5	26	11.3	22	1.3	3	7.1	14	5.5	11	52.3
Quarter 3	29	19	511,491	0.42	137.7	64	43.0	20	11.9	6	4.0	2	7.2	3	11.1	5	214.9
Quarter 4	30	22	3,576,064	0.55	959.1	49	747.4	38	73.7	4	39.8	2	58.7	3	75.6	4	1,954.4
First Semester	30	26	1,465,389	0.34	297.5	59	108.1	22	36.8	7	13.0	3	27.6	5	19.8	4	502.9
Second Semester	29	21	4,087,555	0.53	1,096.8	51	790.4	36	85.6	4	43.8	2	66.0	3	86.8	4	2,169.3

TABLE 2.3C Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the Seychelles EEZ

(Database Closed on 20/09/2024)

Country: TAIWAN PROVINCE OF CHINA

Year: 2022

Area: SYC EEZ

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches														Total Catch (Mt)
					Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others				
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	89	75	3,466,909	0.36	527.7	43	361.9	29	67.8	5	56.2	5	124.9	10	99.8	8	1238.2		
Feb	86	27	1,011,957	0.34	108.9	32	84.7	25	26.1	8	16.9	5	72.8	21	34.9	10	344.2		
Mar	84	29	919,215	0.31	89.2	31	79.5	28	21.7	8	22.9	8	48.8	17	21.8	8	284.0		
Apr	55	19	281,104	0.32	30.6	35	30.0	34	5.6	6	6.2	7	11.3	13	4.9	6	88.7		
May	43	5	106,294	0.33	10.6	30	13.0	37	3.9	11	2.4	7	3.2	9	2.3	6	35.4		
Jun	42	1	15,400	0.83	0.0	0	0.1	1	0.2	2	6.4	50	4.3	34	1.7	13	12.7		
Jul	40	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Aug	39	2	5,590	0.16	0.0	2	0.3	31	0.1	11	0.1	8	0.3	39	0.1	9	0.9		
Sep	55	23	379,614	0.28	34.2	32	37.0	34	7.2	7	3.2	3	16.6	15	9.5	9	107.6		
Oct	78	65	4,054,511	0.37	579.5	38	508.3	34	92.9	6	36.2	2	135.1	9	163.6	11	1515.6		
Nov	92	82	5,856,164	0.33	554.6	29	862.8	45	109.8	6	65.7	3	158.5	8	155.6	8	1907.0		
Dec	88	77	5,794,137	0.36	502.9	24	1153.5	55	119.3	6	62.0	3	152.2	7	113.2	5	2103.1		
Annual	66	34	21,890,895	0.35	2,438.2	32	3,131.0	41	454.7	6	278.0	4	727.9	10	607.4	8	7,637.2		
Quarter 1	86	44	5,398,081	0.35	725.8	39	526.0	28	115.6	6	95.9	5	246.5	13	156.5	8	1,866.4		
Quarter 2	47	8	402,798	0.34	41.2	30	43.2	32	9.8	7	15.0	11	18.8	14	8.9	6	136.8		
Quarter 3	45	8	385,204	0.28	34.2	32	37.3	34	7.3	7	3.2	3	16.9	16	9.5	9	108.4		
Quarter 4	86	75	15,704,812	0.35	1,637.0	30	2,524.6	46	322.0	6	163.9	3	445.8	8	432.5	8	5,525.6		
First Semester	67	26	5,800,879	0.35	767.0	38	569.2	28	125.4	6	110.9	6	265.2	13	165.4	8	2,003.1		
Second Semester	65	42	16,090,016	0.35	1,671.2	30	2,561.9	45	329.3	6	167.1	3	462.7	8	442.0	8	5,634.1		

Country: TAIWAN PROVINCE OF CHINA

Year: 2023

Area: SYC EEZ

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches														Total Catch (Mt)
					Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others				
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	65	59	2,401,797	0.46	641.0	58	227.7	20	46.8	4	21.9	2	113.2	10	61.1	5	1111.6		
Feb	65	36	919,605	0.31	77.9	27	80.0	28	17.8	6	22.6	8	47.8	17	39.5	14	285.7		
Mar	63	14	189,145	0.25	7.7	16	14.4	30	3.6	8	1.1	2	16.6	35	4.2	9	47.5		
Apr	63	7	103,990	0.37	9.7	25	11.8	31	4.8	13	3.6	9	6.3	16	2.1	6	38.3		
May	61	8	225,460	0.47	28.0	26	17.4	16	15.1	14	8.3	8	22.8	22	14.1	13	105.7		
Jun	61	6	88,900	0.33	1.3	5	6.4	22	4.5	15	1.8	6	8.0	27	7.2	24	29.3		
Jul	73	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		
Aug	73	1	20,300	0.82	4.9	29	2.0	12	1.9	12	0.0	0	7.0	42	1.0	6	16.7		
Sep	73	16	456,275	0.39	61.3	35	52.1	30	15.3	9	4.5	3	21.6	12	21.8	12	176.6		
Oct	73	44	3,206,537	0.39	322.5	26	530.1	42	76.4	6	29.9	2	114.2	9	178.6	14	1251.7		
Nov	73	51	3,851,077	0.51	474.0	24	996.8	51	88.9	5	63.3	3	133.9	7	202.8	10	1959.7		
Dec	73	47	2,847,193	0.65	675.0	37	791.9	43	60.9	3	68.4	4	123.3	7	128.0	7	1847.4		
Annual	68	24	14,310,279	0.48	2,303.4	34	2,730.5	40	336.0	5	225.4	3	614.5	9	660.3	10	6,870.1		
Quarter 1	64	36	3,510,547	0.41	726.7	50	322.0	22	68.2	5	45.6	3	177.6	12	104.7	7	1,444.8		
Quarter 2	62	7	418,350	0.41	39.1	23	35.5	21	24.4	14	13.7	8	37.0	21	23.4	14	173.2		
Quarter 3	73	6	476,575	0.41	66.2	34	54.1	28	17.2	9	4.5	2	28.5	15	22.8	12	193.3		
Quarter 4	73	47	9,904,807	0.51	1,471.5	29	2,318.8	46	226.2	4	161.6	3	371.4	7	509.4	10	5,058.8		
First Semester	63	22	3,928,897	0.41	765.7	47	357.5	22	92.6	6	59.3	4	214.6	13	128.1	8	1,618.0		
Second Semester	73	27	10,381,382	0.51	1,537.7	29	2,372.9	45	243.4	5	166.1	3	399.9	8	532.1	10	5,252.2		

TABLE 2.3D Monthly Catch, Effort and Catch Rate Statistics for Industrial Longliners in the Seychelles EEZ

(Database Closed on 20/09/2024)

Country: OTHERS

Year: 2022

Area: SYC EEZ

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin		Bigeye		Catches Swordfish		Marlin		Shark		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	11	7	375,752	0.31	70.0	60	25.3	22	3.3	3	3.9	3	5.6	5	9.2	8	117.2
Feb	10	2	38,865	0.42	1.0	6	1.8	11	7.3	45	0.5	3	5.2	32	0.5	3	16.2
Mar	5	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Apr	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
May	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jun	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jul	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	10	1	19,200	0.26	0.3	7	3.5	69	0.4	8	0.1	3	0.1	1	0.6	13	5.0
Sep	10	4	155,400	0.51	29.5	38	18.3	23	8.2	10	3.7	5	4.2	5	14.7	19	78.7
Oct	18	15	628,323	0.59	222.0	60	93.9	25	15.2	4	7.5	2	6.4	2	25.1	7	370.0
Nov	17	12	696,833	0.61	276.1	65	106.5	25	15.3	4	6.9	2	4.9	1	16.0	4	425.8
Dec	15	11	743,349	1.01	569.5	76	143.6	19	11.8	2	4.9	1	2.7	0	16.1	2	748.1
Annual	11	4	2,657,722	0.66	1,168.5	66	392.8	22	61.5	3	27.5	2	29.0	2	82.2	5	1,761.1
Quarter 1	9	3	414,617	0.32	71.0	53	27.0	20	10.6	8	4.4	3	10.8	8	9.6	7	133.5
Quarter 2	9	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Quarter 3	10	2	174,600	0.48	29.9	36	21.8	26	8.6	10	3.8	5	4.3	5	15.4	18	83.7
Quarter 4	17	13	2,068,505	0.75	1,067.6	69	344.0	22	42.3	3	19.3	1	13.9	1	57.2	4	1,543.9
First Semester	9	2	414,617	0.32	71.0	53	27.0	20	10.6	8	4.4	3	10.8	8	9.6	7	133.5
Second Semester	13	7	2,243,105	0.73	1,097.5	67	365.8	22	50.9	3	23.1	1	18.2	1	72.5	4	1,627.6

Country: OTHERS

Year: 2023

Area: SYC EEZ

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin		Bigeye		Catches Swordfish		Marlin		Shark		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)			
Jan	14	13	609,082	0.35	94.7	45	86.7	41	11.1	5	4.8	2	2.3	1	11.9	6	211.5
Feb	14	11	393,681	0.40	112.3	72	21.5	14	8.7	6	2.0	1	0.9	1	10.8	7	156.1
Mar	12	6	33,770	0.17	3.3	58	1.4	24	0.6	11	0.2	3	0	0	0.2	3	5.7
Apr	12	2	52,800	0.53	3.1	11	21.6	78	3.0	11	0.1	0	0	0	0.0	0	27.9
May	2	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jun	2	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jul	2	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Aug	3	0	0	0.00	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Sep	8	2	38,670	0.89	24.0	70	5.8	17	2.0	6	1.0	3	0	0	1.8	5	34.6
Oct	14	6	220,070	0.77	89.7	53	35.3	21	9.5	6	4.9	3	0	0	29.8	18	169.1
Nov	14	5	284,664	0.51	71.7	49	55.4	38	3.5	2	2.9	2	1.9	1	10.6	7	145.9
Dec	14	9	333,009	0.86	185.2	65	82.0	29	5.3	2	8.1	3	0.7	0	5.3	2	286.7
Annual	9	5	1,965,746	0.53	583.9	56	309.7	30	43.6	4	24.1	2	5.9	1	70.3	7	1,037.6
Quarter 1	13	10	1,036,533	0.36	210.2	56	109.5	29	20.4	5	7.0	2	3.2	1	22.9	6	373.3
Quarter 2	5	1	52,800	0.53	3.1	11	21.6	78	3.0	11	0.1	0	0.0	0	0.0	0	27.9
Quarter 3	4	1	38,670	0.89	24.0	70	5.8	17	2.0	6	1.0	3	0.0	0	1.8	5	34.6
Quarter 4	14	7	837,743	0.72	346.5	58	172.8	29	18.3	3	15.9	3	2.7	0	45.6	8	601.8
First Semester	9	5	1,089,333	0.37	213.3	53	131.2	33	23.4	6	7.1	2	3.2	1	22.9	6	401.2
Second Semester	9	4	876,413	0.73	370.6	58	178.5	28	20.2	3	17.0	3	2.7	0	47.4	7	636.4

TABLE 2.4 Time Series of Catch, Effort and Catch Rate Statistics for Seychelles Flagged Longliners

(Database Closed on 20/09/2024)

Country: SEYCHELLES

Area: WIO

Year: 2013 - 2023

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	23,477,396	0.49	1,176.7	10	6,193.1	54	944.9	8	564.3	5	392.3	3	2,159.8	19	11,431.2
2014	21,585,172	0.50	1,643.2	15	5,260.0	49	964.6	9	686.7	6	583.4	5	1,551.4	15	10,689.3
2015	22,825,037	0.55	2,306.4	18	5,835.2	47	1,621.2	13	1,238.5	10	435.8	3	1,082.7	9	12,519.7
2016	34,617,894	0.43	2,634.3	18	5,266.8	35	1,863.0	12	1,547.9	10	496.4	3	3,200.5	21	15,008.7
2017	35,280,712	0.42	3,422.9	23	3,897.0	27	1,468.0	10	908.4	6	607.0	4	4,400.5	30	14,703.8
2018	39,370,820	0.45	5,845.2	33	3,675.4	21	2,223.1	13	1,085.5	6	1197.2	7	3,531.4	20	17,557.8
2019	39,154,221	0.58	8,978.3	39	5,265.3	23	2,089.9	9	753.2	3	1292.7	6	4,486.5	20	22,865.8
2020	40,551,445	0.55	7,775.0	35	7,391.1	33	1,721.0	8	654.0	3	903.7	4	4,024.6	18	22,469.3
2021	39,858,649	0.36	3,064.2	21	5,825.8	40	1,100.1	8	407.9	3	578.5	4	3,549.7	24	14,526.1
2022	27,746,813	0.36	2,893.9	29	3,882.2	39	780.4	8	337.5	3	415.8	4	1,588.6	16	9,898.3
2023	20,102,437	0.48	3,319.6	34	3,532.6	37	588.3	6	258.3	3	291.8	3	1,636.7	17	9,627.3

Country: SEYCHELLES

Area: Seychelles EEZ

Year: 2013 - 2023

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	4,744,165	0.58	372.6	14	1,973.8	72	137.3	5	126.4	5	78.3	3	43.2	2	2,731.6
2014	5,876,348	0.52	638.8	21	1,848.1	61	191.1	6	147.0	5	134.7	4	71.5	2	3,031.2
2015	6,742,755	0.49	980.3	30	1,663.6	50	281.1	8	242.1	7	100.0	3	46.6	1	3,313.6
2016	10,071,951	0.42	1,126.5	27	1,978.4	47	460.4	11	430.9	10	154.4	4	89.0	2	4,239.6
2017	8,432,538	0.39	1,181.4	36	1,359.6	41	310.0	9	198.4	6	154.9	5	123.5	4	3,327.7
2018	8,023,333	0.42	1,565.2	46	832.2	25	335.1	10	176.0	5	316.2	9	157.6	5	3,382.2
2019	5,438,020	0.65	2,031.7	58	872.2	25	198.8	6	107.3	3	145.2	4	162.6	5	3,517.9
2020	10,203,461	0.62	3,170.7	50	2,194.0	34	415.3	7	162.4	3	201.3	3	231.4	4	6,375.1
2021	14,251,774	0.33	1,375.4	29	2,432.6	52	358.4	8	152.0	3	164.6	4	190.0	4	4,672.9
2022	7,804,074	0.32	1,124.0	45	839.8	34	168.6	7	82.7	3	135.2	5	154.6	6	2,504.9
2023	5,552,944	0.48	1,394.3	52	898.5	34	122.4	5	56.8	2	93.6	4	106.6	4	2,672.2

TABLE 2.4A Quarterly Catch, Effort and Catch Rate Statistics of Seychelles Flagged Industrial Longliners by Geographical Areas

(Database Closed on 20/09/2024)

Country: SEYCHELLES

Year: 2022

Area	Quarter	Catches														Total Catch (Mt)	Cummulative Total (Mt)
		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)		
Seychelles EEZ	1	2,794,239	0.30	430.3	51	241.7	29	51.8	6	32.6	4	30.5	4	56.3	7	843.3	843.3
	2	366,464	0.39	72.8	51	39.6	28	11.5	8	5.4	4	2.4	2	11.3	8	142.9	986.2
	3	391,441	0.28	20.1	19	43.4	40	7.6	7	2.8	3	25.1	23	9.2	9	108.3	1,094.5
	4	4,251,931	0.33	600.8	43	515.2	37	97.7	7	41.9	3	77.1	5	77.8	6	1,410.4	2,504.9
SYC EEZ Total		7,804,074	0.32	1,124.0	45	839.8	34	168.6	7	82.7	3	135.2	5	154.6	6	2,504.9	
Foreign EEZ	1	63,100	0.55	11.5	33	15.6	45	2.2	6	1.2	4	0.0	0	4.5	13	35.0	35.0
	2	234,333	0.46	37.9	35	33.5	31	7.7	7	5.4	5	0.0	0	23.6	22	108.2	143.1
	3	168,800	0.50	4.7	6	18.7	22	1.0	1	3.3	4	0.5	1	56.6	67	84.8	227.9
	4	354,700	0.46	45.1	28	102.7	63	2.8	2	2.0	1	0.0	0	10.9	7	163.5	391.4
Foreign EEZ Total		820,933	0.48	99.3	25	170.6	44	13.7	3	11.9	3	0.5	0	95.5	24	391.4	
High Seas	1	5,953,449	0.35	785.5	37	761.4	36	210.5	10	80.9	4	93.2	4	167.1	8	2,098.6	2,098.6
	2	6,645,523	0.45	647.9	22	1,232.1	41	213.6	7	95.3	3	111.7	4	675.1	23	2,975.6	5,074.2
	3	4,457,940	0.29	158.0	12	508.2	40	116.7	9	45.9	4	46.3	4	402.7	32	1,277.7	6,351.9
	4	2,064,893	0.31	79.1	12	370.2	57	57.3	9	20.9	3	29.0	4	93.6	14	650.1	7,002.0
High Seas Total		19,121,805	0.37	1,670.6	24	2,871.8	41	598.1	9	243.0	3	280.1	4	1,338.5	19	7,002.0	
WIO Total	1	8,810,788	0.34	1,227.3	41	1,018.7	34	264.4	9	114.8	4	123.7	4	227.8	8	2,976.8	2,976.8
	2	7,246,320	0.45	758.6	12	1,305.2	21	232.8	4	106.0	2	114.0	2	710.0	11	3,226.8	6,203.5
	3	5,018,181	0.29	182.9	2	570.3	7	125.3	2	51.9	1	71.9	1	468.4	6	1,470.8	7,674.3
	4	6,671,523	0.33	725.0	7	988.1	10	157.9	2	64.8	1	106.1	1	182.2	2	2,224.1	9,898.3
Grand Total		27,746,813	0.36	2,893.9	29	3,882.2	39	780.4	8	337.5	3	415.8	4	1,588.6	16	9,898.3	

Country: SEYCHELLES

Year: 2023

Area	Quarter	Catches														Total Catch (Mt)	Cummulative Total (Mt)
		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)		
Seychelles EEZ	1	1,324,003	0.34	284.0	63	94.6	21	25.5	6	11.7	3	20.5	5	14.3	3	450.6	450.6
	2	141,385	0.37	13.5	26	13.5	26	11.3	22	1.3	3	7.1	14	5.5	11	52.3	502.9
	3	511,491	0.42	137.7	64	43.0	20	11.9	6	4.0	2	7.2	3	11.1	5	214.9	717.8
	4	3,576,064	0.55	959.1	49	747.4	38	73.7	4	39.8	2	58.7	3	75.6	4	1,954.4	2,672.2
SYC EEZ Total		5,552,944	0.48	1,394.3	52	898.5	34	122.4	5	56.8	2	93.6	4	106.6	4	2,672.2	
Foreign EEZ	1	0	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	-	0	-	-
	2	0	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	-	0	-	-
	3	0	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	-	0	-	-
	4	0	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	-	0	-	-
Foreign EEZ Total		0	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	-	0	-	-
High Seas	1	4,248,614	0.37	658.5	41	625.1	39	108.4	7	64.4	4	47.3	3	86.4	5	1,590.2	1,590.2
	2	5,451,253	0.48	449.7	17	1,203.1	46	247.9	9	65.2	2	54.4	2	618.0	23	2,638.2	4,228.4
	3	3,006,364	0.50	278.0	18	407.2	27	76.9	5	57.1	4	63.4	4	634.8	42	1,517.5	5,745.9
	4	1,843,261	0.66	539.1	45	398.6	33	32.7	3	14.7	1	33.1	3	191.0	16	1,209.2	6,955.1
High Seas Total		14,549,493	0.48	1,925.4	28	2,634.0	38	465.9	7	201.5	3	198.2	3	1,530.2	22	6,955.1	
WIO Total	1	5,572,618	0.37	942.5	46	719.7	35	133.9	7	76.1	4	67.8	3	100.7	5	2,040.8	2,040.8
	2	5,592,638	0.48	463.2	10	1,216.6	26	259.2	5	66.5	1	61.5	1	623.5	13	2,690.5	4,731.3
	3	3,517,855	0.49	415.7	6	450.2	7	88.8	1	61.2	1	70.6	1	646.0	10	1,732.4	6,463.7
	4	5,419,326	0.58	1,498.2	16	1,146.1	12	106.4	1	54.5	1	91.8	1	266.6	3	3,163.6	9,627.3
Grand Total		20,102,437	0.48	3,319.6	34	3,532.6	37	588.3	6	258.3	3	291.8	3	1,636.7	17	9,627.3	

TABLE 2.4B Quarterly Proportion of Catch and Effort by Geographical Areas and Flag

(Database Closed on 20/09/2024)

Country: All

Year: 2022

Quarter	Flag	Effort (Hooks)			Total Catch		
		SYC EEZ	Foreign EEZ	High Seas	SYC EEZ	Foreign EEZ	High Seas
Quarter 1	1 Seychelles	32%	1%	68%	28%	1%	70%
	Taiwan Province of China	92%	0%	8%	93%	0%	7%
	Others	95%	0%	5%	95%	0%	5%
Quarter 1 Total		57%	0%	43%	55%	1%	44%
Quarter 2	2 Seychelles	5%	3%	92%	4%	3%	92%
	Taiwan Province of China	43%	0%	57%	39%	0%	61%
	Others	0%	0%	0%	0%	0%	0%
Quarter 2 Total		9%	3%	88%	8%	3%	89%
Quarter 3	3 Seychelles	8%	3%	89%	7%	6%	87%
	Taiwan Province of China	95%	0%	5%	97%	0%	3%
	Others	81%	19%	0%	88%	12%	0%
Quarter 3 Total		17%	4%	79%	18%	6%	76%
Quarter 4	4 Seychelles	64%	5%	31%	63%	7%	29%
	Taiwan Province of China	96%	0%	4%	96%	0%	4%
	Others	93%	4%	3%	95%	1%	5%
Quarter 4 Total		87%	2%	11%	88%	2%	10%
Semester 1		40%	1%	59%	36%	2%	63%
Semester 2		74%	2%	23%	78%	2%	20%
Year Total		60%	2%	39%	60%	2%	38%

Country: ALL

Year: 2023

Quarter	Flag	Effort (Hooks)			Total Catch		
		SYC EEZ	Foreign EEZ	High Seas	SYC EEZ	Foreign EEZ	High Seas
Quarter 1	1 Seychelles	25%	0%	75%	23%	0%	77%
	Taiwan Province of China	85%	0%	15%	85%	0%	14%
	Others	93%	0%	7%	96%	0%	4%
Quarter 1 Total		54%	0%	46%	55%	0%	45%
Quarter 2	2 Seychelles	3%	0%	97%	2%	0%	98%
	Taiwan Province of China	82%	0%	18%	83%	0%	17%
	Others	100%	0%	0%	100%	0%	0%
Quarter 2 Total		10%	0%	90%	9%	0%	91%
Quarter 3	3 Seychelles	15%	0%	85%	12%	0%	88%
	Taiwan Province of China	91%	1%	8%	93%	2%	6%
	Others	100%	0%	0%	100%	0%	0%
Quarter 3 Total		25%	0%	75%	22%	0%	77%
Quarter 4	4 Seychelles	66%	0%	34%	62%	0%	38%
	Taiwan Province of China	96%	1%	3%	96%	1%	4%
	Others	87%	10%	4%	94%	1%	5%
Quarter 4 Total		86%	1%	13%	84%	0%	16%
Semester 1		38%	0%	62%	36%	0%	64%
Semester 2		74%	1%	25%	73%	0%	27%
Year Total		58%	0%	42%	58%	0%	41%

TABLE 2.4C Time Series Catch, Effort and Catch Rate Statistics for Seychelles Flagged Industrial Longliners in the WIO by semester

(Database Closed on 20/09/2024)

Country: Seychelles

Semester 1, Year: 2013 - 2023

Area: WIO

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	12,332,562	0.47	503.4	9	2,910.2	50	591.4	10	340.0	6	143.6	2	1,296.8	22	5,785.4
2014	11,407,738	0.48	1,046.6	19	2,545.8	47	578.5	11	400.4	7	198.0	4	677.6	12	5,446.9
2015	10,941,202	0.53	1,099.4	19	2,799.5	48	743.4	13	578.6	10	175.8	3	410.2	7	5,806.7
2016	16,665,906	0.45	1,593.1	21	2,658.5	35	749.3	10	923.8	12	273.0	4	1,330.9	18	7,528.7
2017	16,036,095	0.43	1,603.0	23	1,734.9	25	744.9	11	522.9	8	230.6	3	2,043.3	30	6,879.7
2018	18,783,426	0.44	2,827.2	34	1,679.3	20	1034.2	13	654.7	8	479.3	6	1,585.6	19	8,260.4
2019	19,294,826	0.58	4,649.2	41	2,187.1	19	1275.6	11	430.5	4	679.8	6	2,063.4	18	11,285.6
2020	20,352,839	0.62	4,742.6	38	4,126.7	33	1032.6	8	460.5	4	397.0	3	1,823.5	14	12,582.9
2021	18,736,049	0.41	2,028.9	26	2,330.7	30	591.3	8	198.8	3	408.6	5	2,185.7	28	7,744.0
2022	16,057,108	0.39	1,985.9	32	2,323.8	37	497.3	8	220.8	4	237.8	4	937.9	15	6,203.5
2023	11,165,256	0.42	1,405.8	30	1,936.3	41	393.1	8	142.6	3	129.3	3	724.1	15	4,731.3

Country: Seychelles

Semester 2, Year: 2013 - 2023

Area: WIO

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2013	11,144,834	0.51	673.3	12	3,282.9	58	353.5	6	224.4	4	248.7	4	863.0	15	5,645.8
2014	10,177,435	0.52	596.5	11	2,714.3	52	386.0	7	286.3	5	385.5	7	873.7	17	5,242.4
2015	11,883,834	0.56	1,207.1	18	3,035.7	45	877.8	13	659.9	10	260.0	4	672.5	10	6,713.0
2016	17,951,987	0.42	1,041.2	14	2,608.2	35	1113.6	15	624.1	8	223.4	3	1,869.6	25	7,480.0
2017	19,244,616	0.41	1,819.9	23	2,162.1	28	723.1	9	385.5	5	376.4	5	2,357.2	30	7,824.1
2018	20,587,394	0.45	3,018.0	32	1,996.1	21	1188.9	13	430.8	5	717.9	8	1,945.9	21	9,297.4
2019	19,859,395	0.58	4,329.1	37	3,078.2	27	814.2	7	322.8	3	612.9	5	2,423.0	21	11,580.3
2020	20,198,606	0.49	3,032.3	31	3,264.4	33	688.4	7	193.5	2	506.7	5	2,201.0	22	9,886.4
2021	21,122,599	0.32	1,035.3	15	3,495.1	52	508.7	8	209.1	3	169.9	3	1,364.0	20	6,782.2
2022	11,689,704	0.32	907.9	25	1,558.4	42	283.1	8	116.7	3	178.0	5	650.7	18	3,694.8
2023	8,937,181	0.55	1,913.9	39	1,596.2	33	195.2	4	115.6	2	162.5	3	912.6	19	4,896.1

TABLE2.5A Quarterly Catch, Effort and Catch Rate Statistics of Longliners by Access Regime in the Seychelles EEZ

(Database Closed on 20/09/2024)

Area: Seychelles EEZ

Year: 2022

Access Regime	Quarter	Catches														Total Catch (Mt)	Cumulative Total (Mt)
		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others			
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
National	1	2,794,239	0.30	430.3	51	241.7	29	51.8	6	32.6	4	30.5	4	56.3	7	843.3	843.3
	2	366,464	0.39	72.8	51	39.6	28	11.5	8	5.4	4	2.4	2	11.3	8	142.9	986.2
	3	391,441	0.28	20.1	19	43.4	40	7.6	7	2.8	3	25.1	23	9.2	9	108.3	1,094.5
	4	4,251,931	0.33	600.8	43	515.2	37	97.7	7	41.9	3	77.1	5	77.8	6	1,410.4	2,504.9
National Total		7,804,074	0.32	1,124.0	45	839.8	34	168.6	7	82.7	3	135.2	5	154.6	6	2,504.9	
TTA ¹	1	5,367,041	0.35	732.7	39	519.2	28	115.8	6	97.2	5	245.0	13	150.1	8	1,859.9	1,859.9
	2	402,798	0.34	41.2	30	43.2	32	9.8	7	15.0	11	18.8	14	8.9	6	136.8	1,996.7
	3	385,204	0.28	34.2	32	37.3	34	7.3	7	3.2	3	16.9	16	9.5	9	108.4	2,105.1
	4	15,697,972	0.35	1,637.0	30	2,523.9	46	322.0	6	163.9	3	445.6	8	432.4	8	5,524.7	7,629.8
TTA Agreement Total		21,853,015	0.35	2,445.1	32	3,123.6	41	454.9	6	279.3	4	726.3	10	600.8	8	7,629.8	
TFI ²	1	347,692	0	48.6	46	27.8	26	3.2	3	3.1	3	8.2	8	15.0	14	105.8	105.8
	2	-	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	0.0	0	-	105.8
	3	-	0.00	-	0	-	0	0.0	0	0.0	0	0.0	0	0.0	0	-	105.8
	4	10,412	0.18	0.8	42	0.8	46	0.0	1	0.0	0	0.1	7	0.1	5	1.8	107.7
TFI Agreement Total		358,104	0.30	49.4	46	28.6	27	3.2	3	3.1	3	8.3	8	15.0	14	107.7	
All Agreements ³	1	8,606,937	0.33	1,227.1	43	794.8	28	177.9	6	133.0	5	287.8	10	222.5	8	2,843.1	2,843.1
	2	769,262	0.36	114.0	41	82.7	30	21.3	8	20.3	7	21.1	8	20.2	7	279.7	3,122.8
	3	951,245	0.32	84.2	28	102.5	34	23.5	8	9.8	3	46.3	15	34.1	11	300.4	3,423.2
	4	22,025,248	0.39	3,305.4	39	3,383.7	40	462.1	5	225.1	3	536.8	6	567.4	7	8,480.0	11,903.2
Grand Total		32,352,691	0.37	4,730.7	40	4,363.7	37	684.8	6	388.2	3	892.1	7	844.2	7	11,903.2	

¹Taiwan Deepsea Tuna Longline Boat Owners and Exporters Association

²Top Fortune Agreement

All Agreements³: Includes few catches reported by vessels under other private agreement and SFPA EU/Seychelles

TABLE2.5A Quarterly Catch, Effort and Catch Rate Statistics of Longliners by Access Regime in the Seychelles EEZ

(Database Closed on 20/09/2024)

Area: Seychelles EEZ

Year: 2023

Access Regime	Quarter	Catches														Total Catch (Mt)	Cummulative Total (Mt)
		Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)		
National	1	1,324,003	0.34	284.0	63	94.6	21	25.5	6	11.7	3	20.5	5	14.3	3	450.6	450.6
	2	141,385	0.37	13.5	26	13.5	26	11.3	22	1.3	3	7.1	14	5.5	11	52.3	502.9
	3	511,491	0.42	137.7	64	43.0	20	11.9	6	4.0	2	7.2	3	11.1	5	214.9	717.8
	4	3,576,064	0.55	959.1	49	747.4	38	73.7	4	39.8	2	58.7	3	75.6	4	1,954.4	2,672.2
National Total		5,552,944	0.48	1,394.3	52	898.5	34	122.4	5	56.8	2	93.6	4	106.6	4	2,672.2	
TTA ¹	1	3,510,547	0.41	726.7	50	322.0	22	68.2	5	45.6	3	177.6	12	104.7	7	1,444.8	1,444.8
	2	418,350	0.41	39.1	23	35.5	21	24.4	14	13.7	8	37.0	21	23.4	14	173.2	1,618.0
	3	476,575	0	66.2	34	54.1	28	17.2	9	4.5	2	28.5	15	22.8	12	193.3	1,811.3
	4	9,904,807	1	1,471.5	29	2,318.8	46	226.2	4	161.6	3	371.4	7	509.4	10	5,058.8	6,870.1
TTA Agreement Total		14,310,279	0.48	2,303.4	34	2,730.5	40	336.0	5	225.4	3	614.5	9	660.3	10	6,870.1	
TFI ²	1	-	0.00	-	0	-	0	-	0	0.0	0	0.0	0	0.0	0	-	-
	2	-	0.00	-	0	-	0	-	0	0.0	0	0.0	0	0.0	0	-	-
	3	-	0.00	-	0	-	0	-	0	0.0	0	0.0	0	0.0	0	-	-
	4	-	0.00	-	0	-	0	-	0	0.0	0	0.0	0	0.0	0	-	-
TFI Agreement Total		-	0.00	-	0	-	0	-	0	0.0	0	0.0	0	0.0	0	-	
All Agreements ³	1	5,871,083	0.39	1,220.9	54	526.1	23	114.1	5	64.2	3	201.3	9	141.9	6	2,268.6	2,268.6
	2	612,535	0.41	55.7	22	70.7	28	38.7	15	15.2	6	44.1	17	28.9	11	253.4	2,522.0
	3	1,026,736	0.43	227.9	51	102.8	23	31.1	7	9.5	2	35.8	8	35.7	8	442.8	2,964.8
	4	14,318,614	0.53	2,777.1	36	3,239.0	43	318.2	4	217.3	3	432.8	6	630.7	8	7,615.0	10,579.9
Grand Total		21,828,969	0.48	4,281.6	40	3,938.7	37	502.1	5	306.3	3	714.0	7	837.2	8	10,579.9	

¹Taiwan Deepsea Tuna Longline Boat Owners and Exporters Association

²Top Fortune Agreement

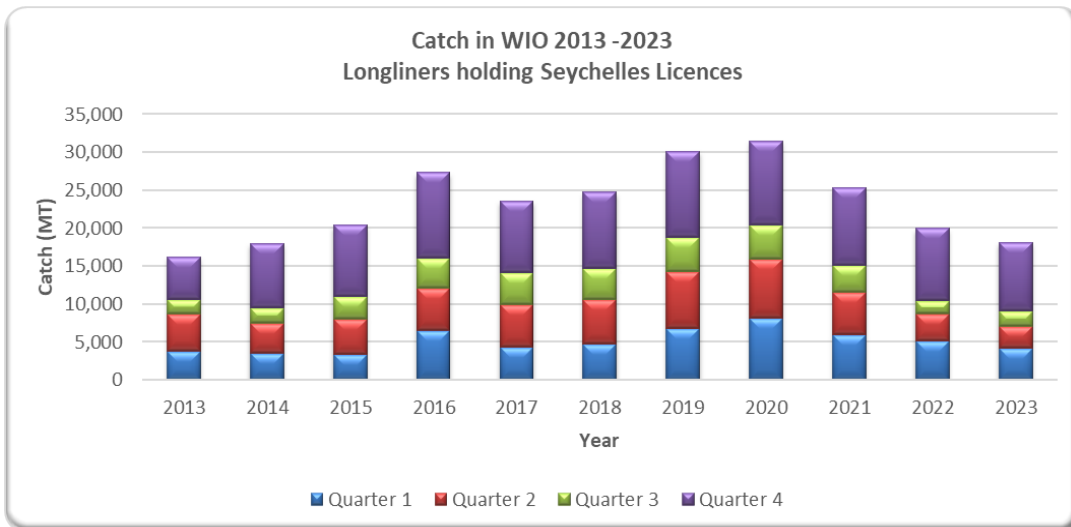


Figure 2A: Industrial Longliners Total catch in the WIO by Year, 2013 - 2023

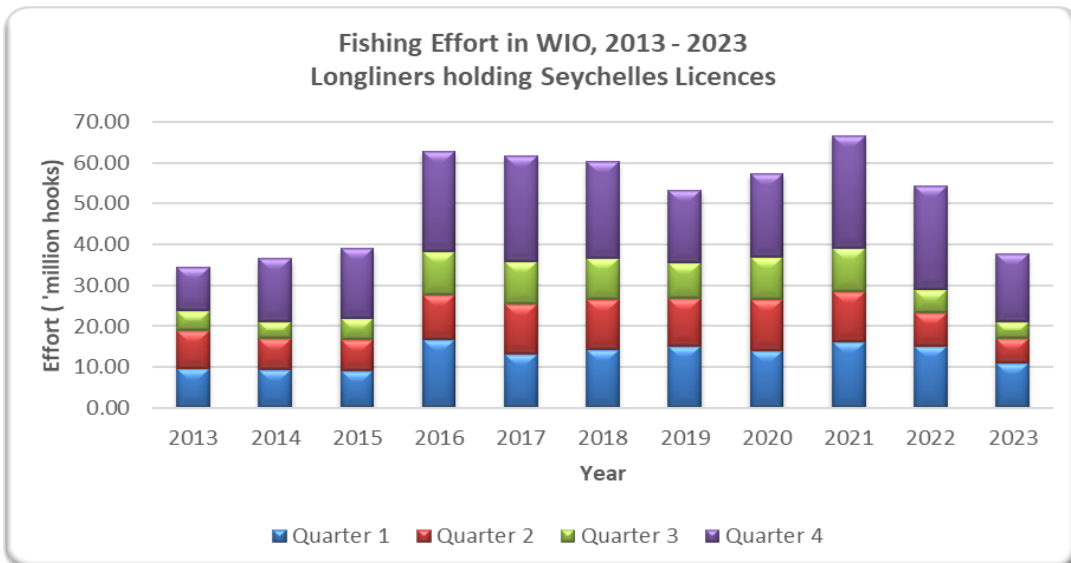


Figure 2B: Industrial longliners fishing effort in the WIO by Year, 2013 - 2023

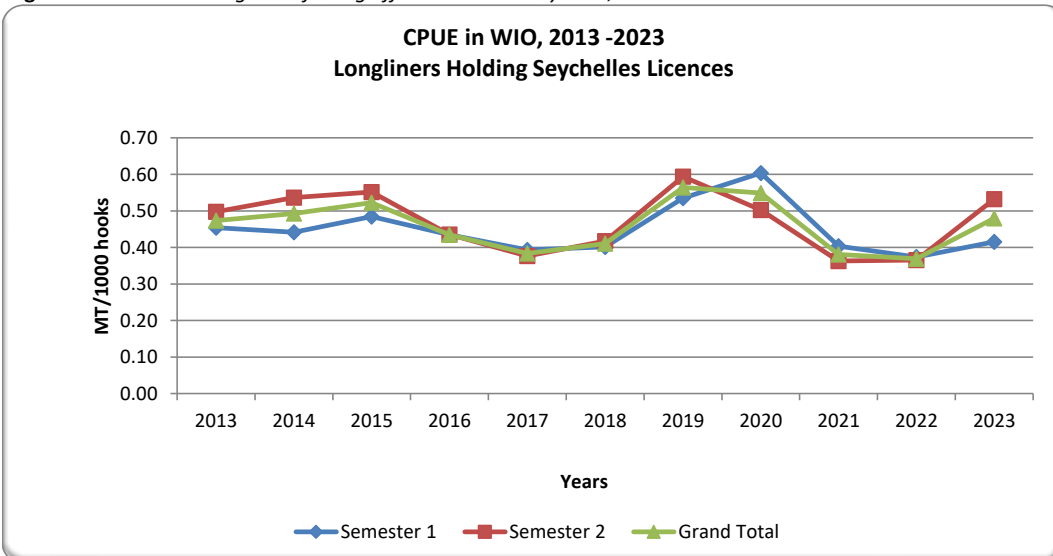


Figure 2C: Industrial Longliners CPUE in the WIO by Year, 2013 - 2023

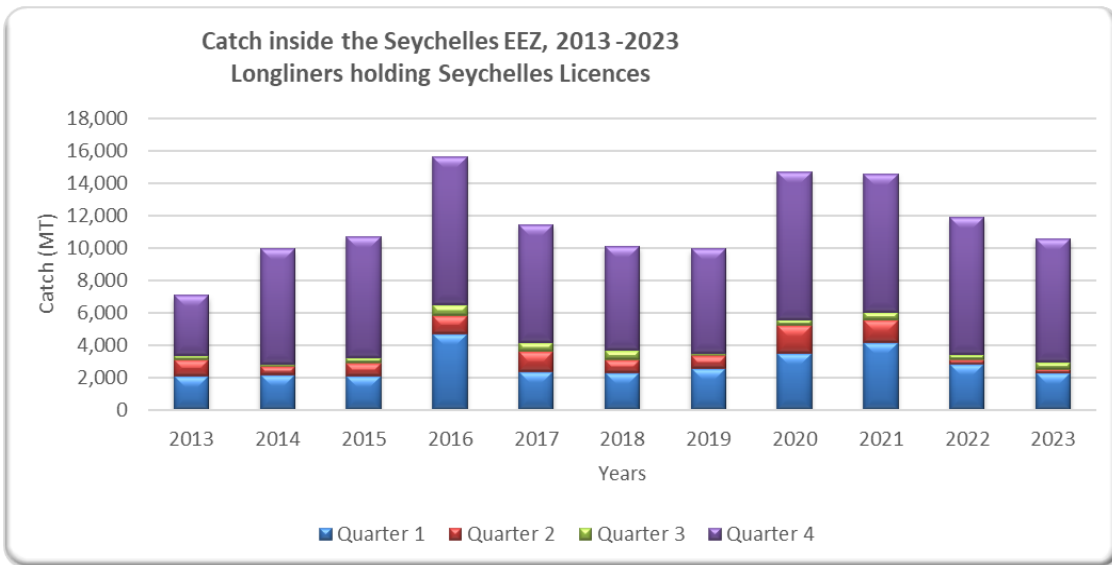


Figure 2D: Industrial longliners Total catch in the Seychelles EEZ by Year, 2013 - 2023

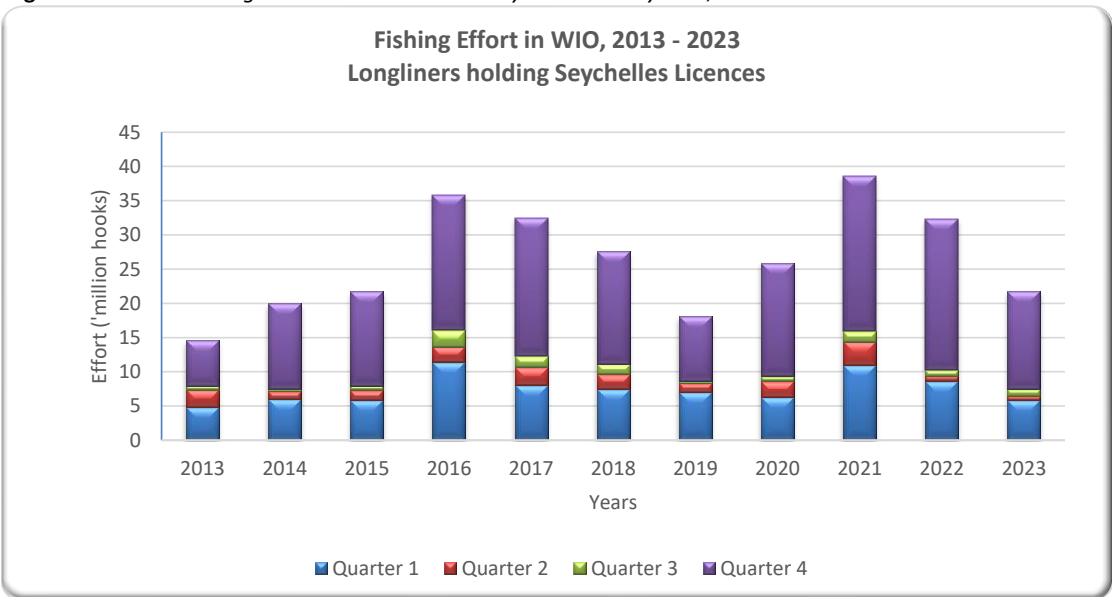


Figure 2E: Industrial Longliners fishing effort in the Seychelles EEZ by Year, 2013 - 2023

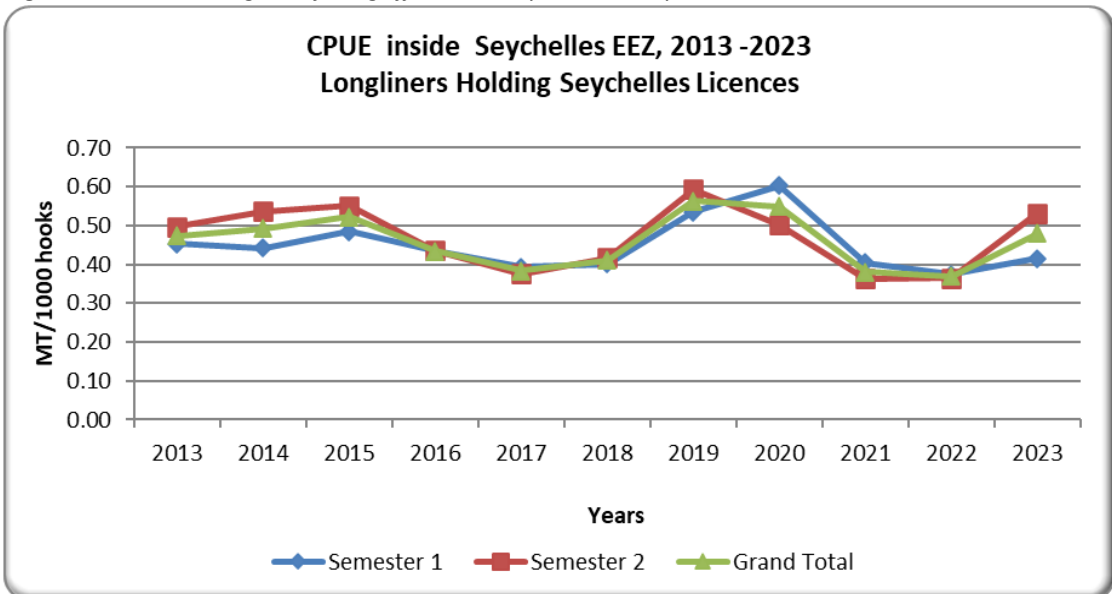


Figure 2F: Industrial Longliners CPUE in the Seychelles EEZ by Year, 2013 - 2023

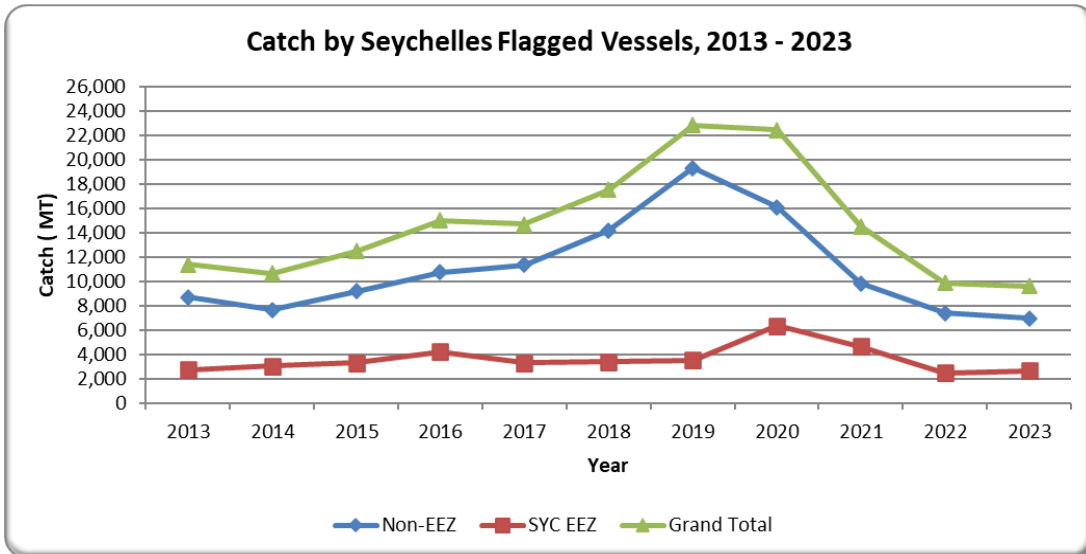


Figure 2G: Seychelles Flagged Longliners Catch, years 2013 -2023

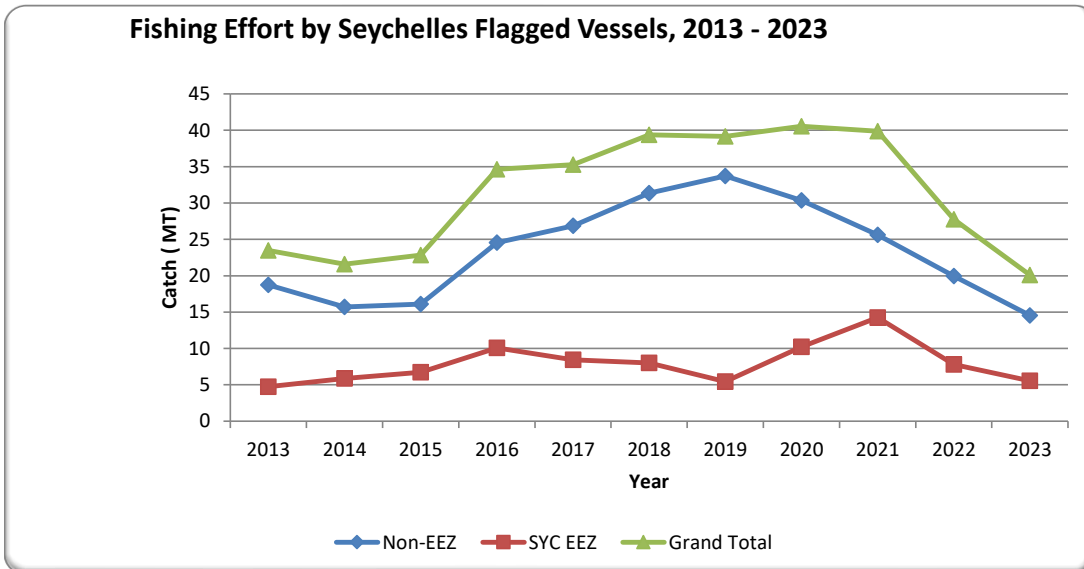


Figure 2H: Seychelles Flagged Longliners Effort, years 2013 -2023

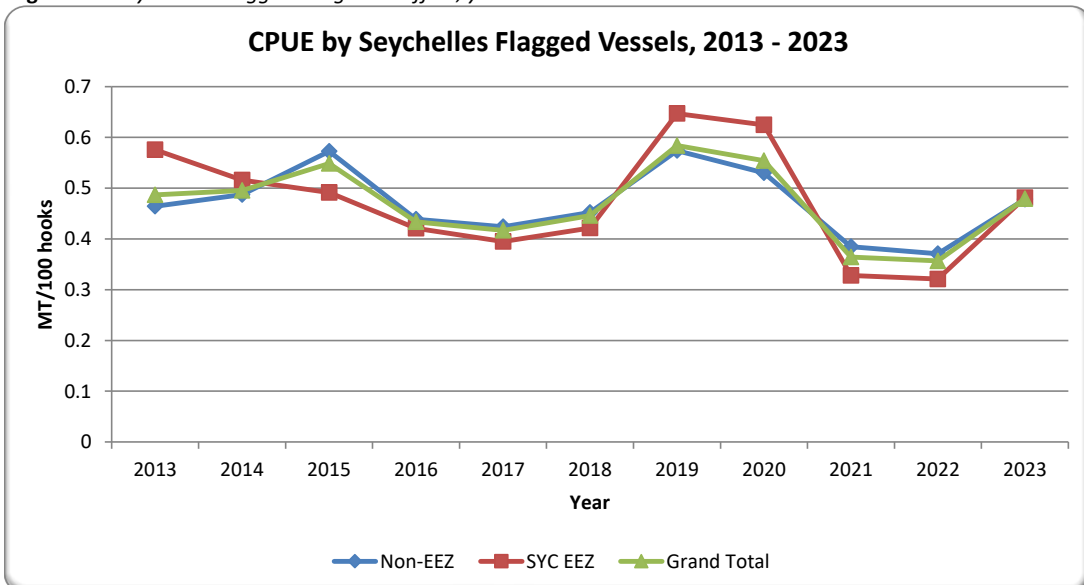
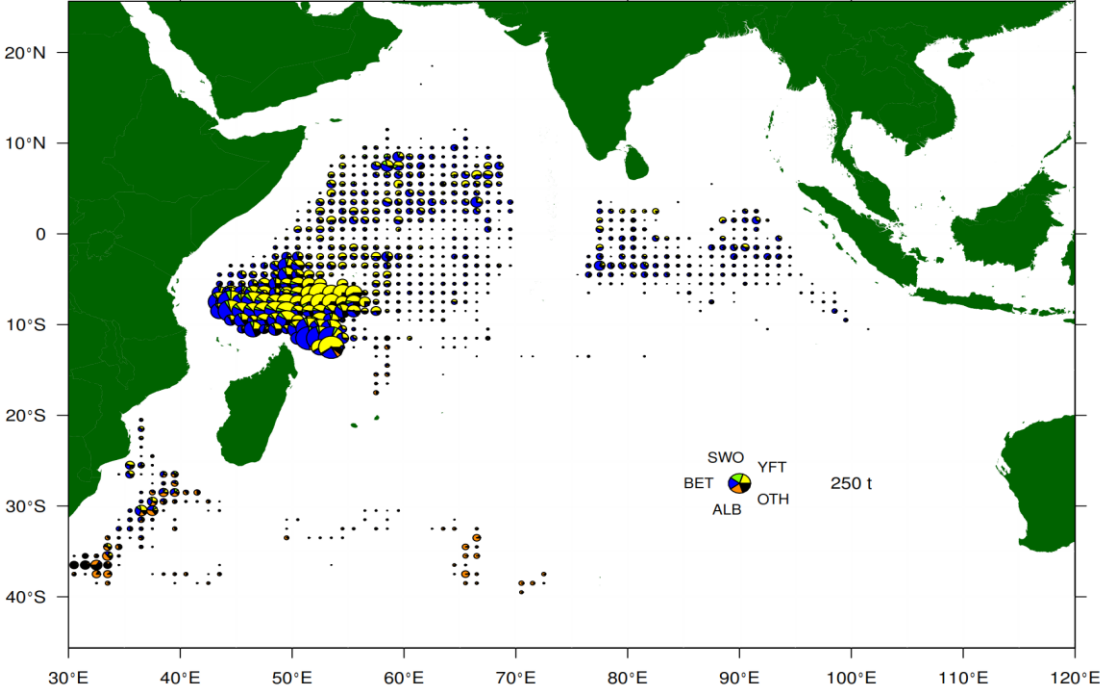


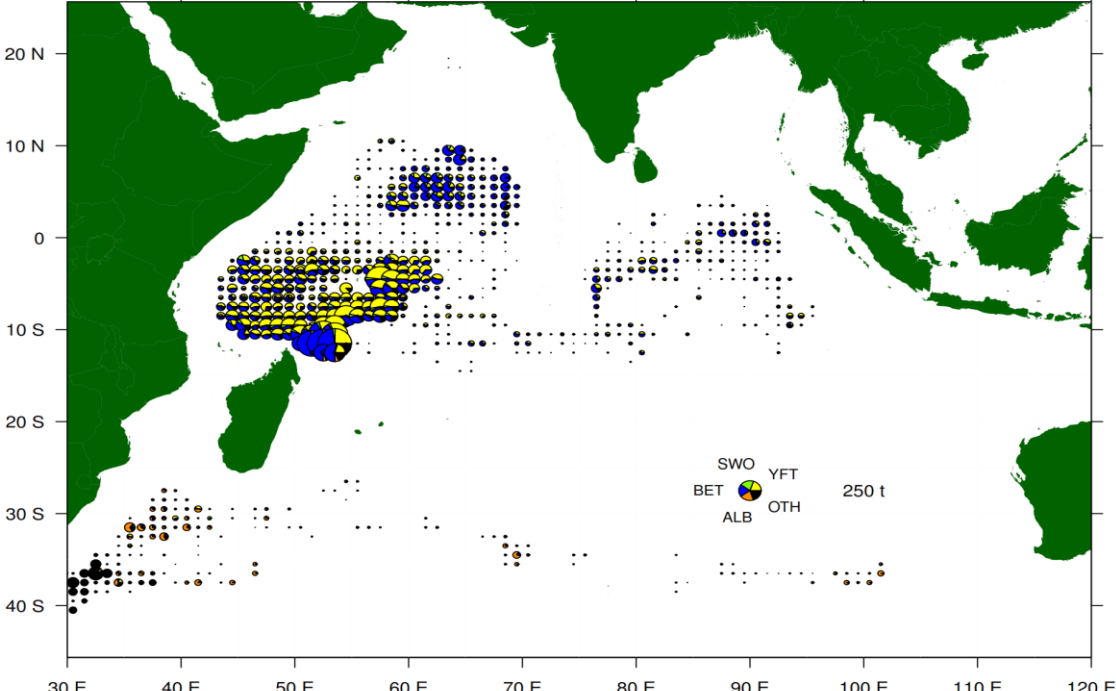
Figure 2I: Seychelles Flagged Longliners CPUE years 2013-2023

Fishing Ground Exploited by Industrial Longliners

Map 2A. Industrial longliners fishing ground for Year 2022

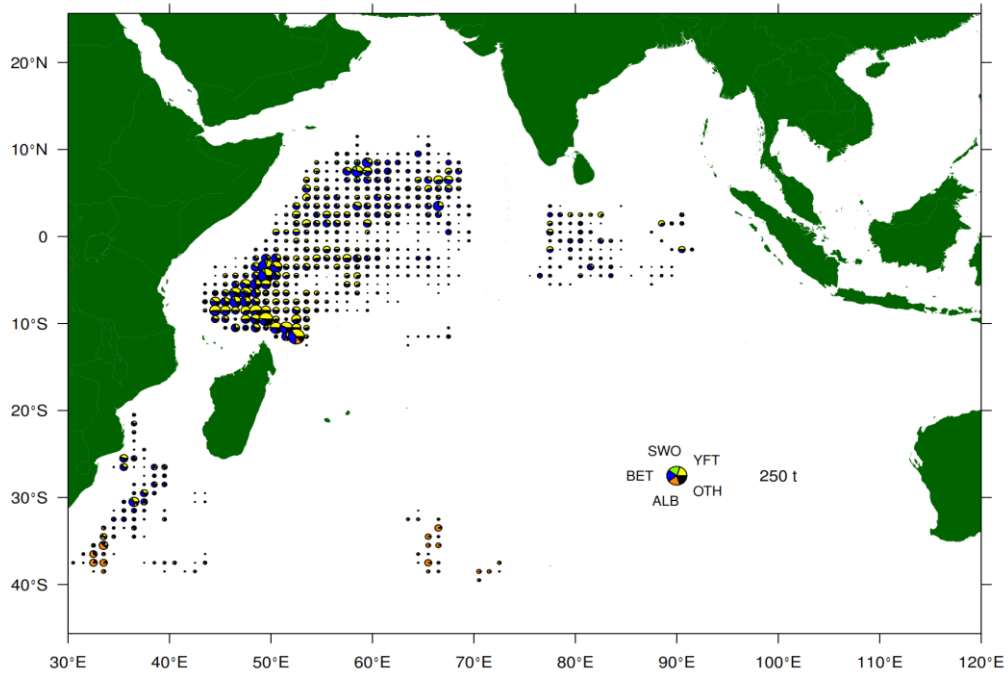


Map 2B. Industrial longliners fishing ground for Year 2023

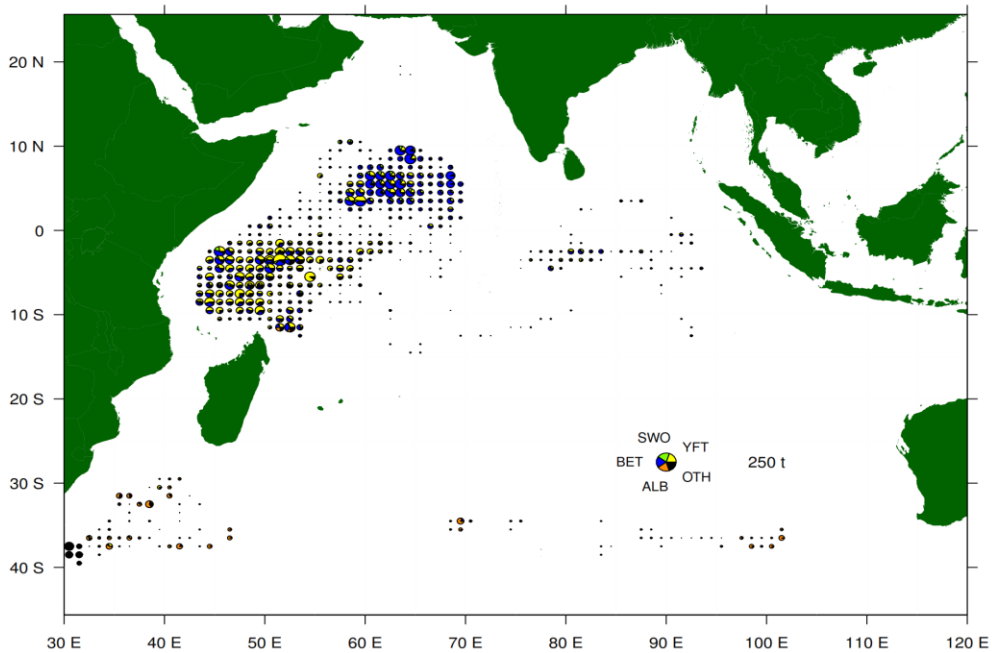


Fishing Ground Exploited by Industrial Longliners

Map 2C. Industrial longliners fishing ground for 1st Semester 2022

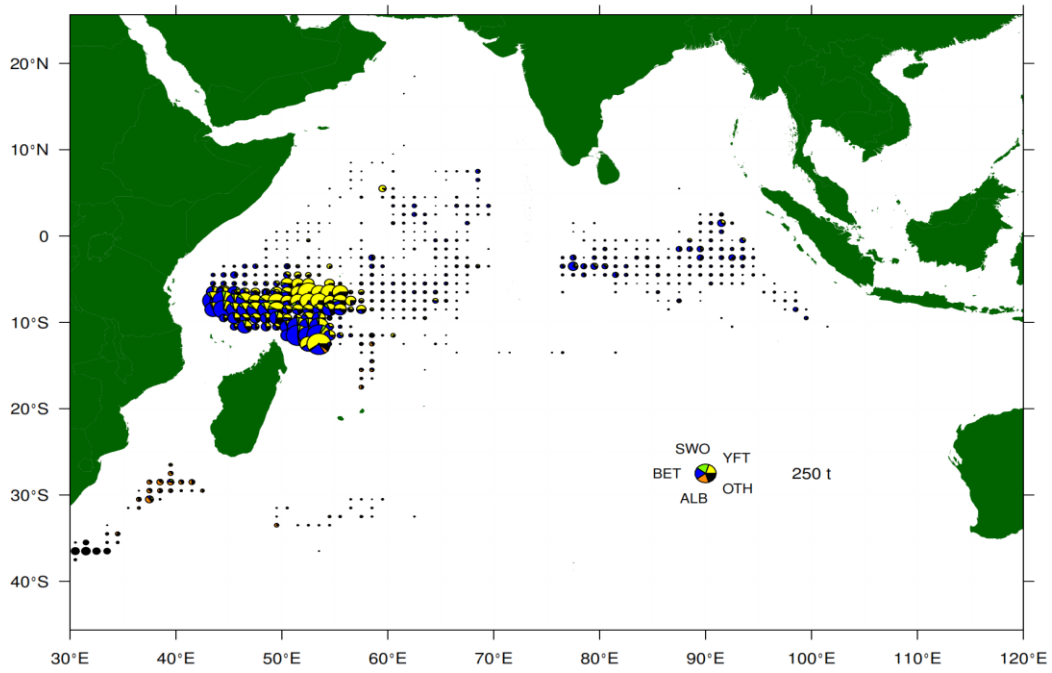


Map 2D. Industrial longliners fishing ground for 1st Semester 2023

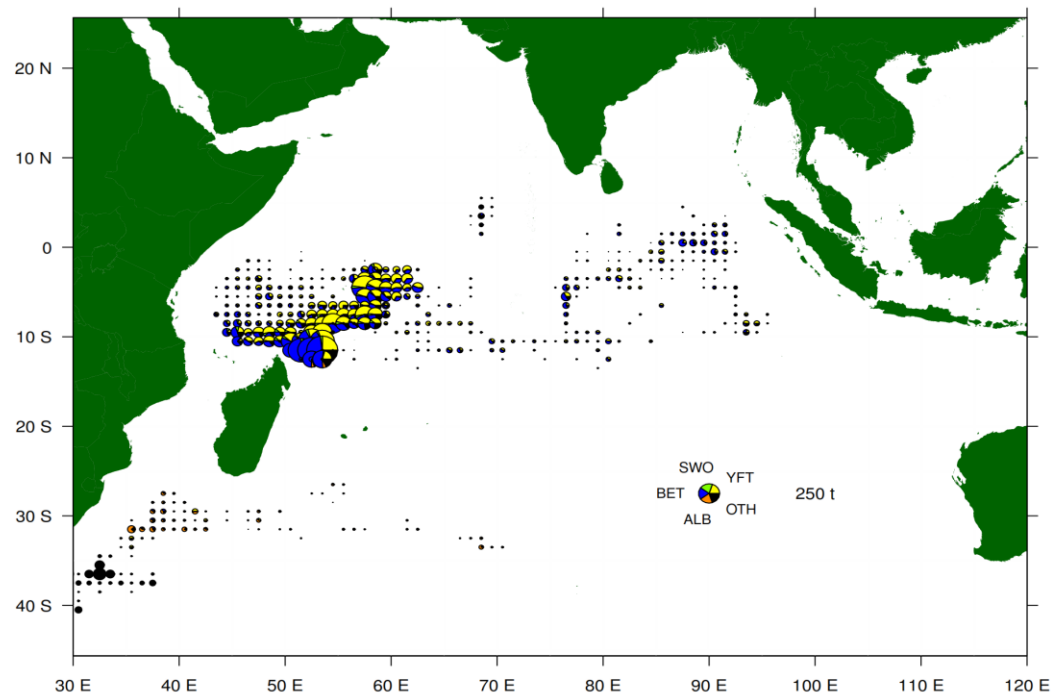


Fishing Ground Exploited by Industrial Longliners

Map 2E. Industrial longliners fishing ground for 2nd Semester 2022



Map 2F. Industrial longliners fishing ground for 2nd Semester 2023



Semi-Industrial Longline Fishery



3. SUMMARY OF SEMI INDUSTRIAL FISHERY

3.1. *Vessels Active and Trip Information*

- Readers should note that catches reported during year 2023 and 2022 relates to 100% logbook returned to SFA.
- Over the past decade, the semi-industrial longline fishery has seen a substantial increase in activity. The number of active vessels increased from 6 vessels in 2013 to 53 vessels in 2022. Similarly, the total number of fishing trips increased from 68 in 2013 to 567 in 2022. Additionally, the average duration of each trip extended from 11 days (2013-2017) to 16 days over the last five years (table 3.0).
- The number of vessels active in the semi-industrial longline fishery increased by 7 vessels from 53 vessel active in 2022 to 60 vessels active during the year 2023.
- In 2023, 60 vessels conducted a total of 562 fishing trips, primarily targeting tuna. This marks a slight 1% decrease in the number of trips compared to the 567 trips conducted by 53 vessels in 2022. The average trip duration increased from 17 days per trip in 2022 to 19 days per trip in 2023 (Table 3.0). On average, each vessel undertook 9 trips per year in 2023, compared to 11 trips per year in the previous year.

3.2. *Fishing Effort, Catches and Catch Rate*

- Over the past decade, semi-industrial longline catches have shown a dynamic pattern. After dropping sharply from 262 MT in 2013 to just 82 MT in 2014, catches began a steady increase, reaching 2,008 MT by 2019. In 2020, the catch decreased by 26% to 1,485 MT due to the Covid-19 pandemic, which led some vessels to switch to targeting demersal species. However, catches have since pick up, reaching 2,073 MT in 2022. (figure3A).
- A similar trend has been observed in fishing effort within the semi-industrial fishery. Fishing effort decreased by 70% from 398,770 hooks in 2013 to 118,973 hooks in 2014. Following this decline, fishing effort steadily increased, reaching 2.5 million hooks by 2019. In 2020, a 20% reduction occurred due to the Covid-19 pandemic. However, fishing effort has been on an upward trend since then to reach a total of 4.5 million hooks (figure 3B).
- The CPUE fluctuated between 0.54 MT/1000 hooks and 0.95 MT/1000 hooks during the 2012 to 2019 period and has since then been on a downward trend (figure 3C).
- During the year 2023, the Semi industrial fishery reported a total catch of 2,536 MT, the highest catch recorded since the beginning of the fishery. This significant rise in catch was accompanied by a 29% increase in fishing effort, with approximately 6.4 million hooks set in 2023 compared to 4.6 million hooks in 2022 (see Table 3.0)

(table 3.0). Consequently, the mean catch rate estimated for the year 2023 stands at 0.40 MT/ 1000 hooks compared to a mean catch rate of 0.42 MT/ 1000 hooks estimated for the previous year. This is by far the lowest catch rate reported since the beginning of the fishery.

3.3. Species Composition

- Historically, swordfish was the primary target species for the semi-industrial longline fishery (see Figure 3D). However, since 2015, yellowfin tuna has overtaken swordfish as the dominant species caught. The yellowfin tuna catch has increased significantly from 15 metric tons (MT) in 2014 to 1,920 MT in 2022. Swordfish catches also increased from 47 MT in 2015 to 313 MT in 2019, while bigeye tuna catches rose from 33 MT to 119 MT during the same period. However, both swordfish and bigeye tuna catches declined to 72 MT and 20 MT, respectively, in 2022.
- In 2023, yellowfin tuna made up 94% of the total catch in the semi-industrial fishery, with swordfish contributing 2%. Bigeye tuna, sailfish, and marlin each accounted for 1% of the total catch (figure 3E). Similar composition was observed during the previous year (figure 3f).
- In 2023, catches increased across all main target species except for swordfish, which saw a decline compared to 2022. A record catch of 2,376 MT of yellowfin tuna was reported to have been caught by the semi-industrial longliners in 2023, the highest yellowfin tuna catches recorded since the beginning of the fishery. This represents 24% increase over the 1,920 MT of yellowfin tuna reported for the same period the previous year. The 'other 'category, bigeye tuna, marlin, shark and sailfish also increased by 100%, 70%, 22% ,5% and 5% respectively in 2023. However, swordfish catches decreased by 16% in 2023 when compared to the previous year.

TABLE 3.0 Time Series of Catch, Effort and Catch Rate Statistics of Semi-Industrial Longliners

(Database Closed on 30/06/2024)

Country: SEYCHELLES

Semester 1, Years 2013 - 2023

Year	Vessels		Mean Trip		Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	Bigeye (Mt)	Swordfish (Mt)	Catches				Total Catch (Mt)
	Covered (Number)	Trips (Number)	Duration (Days)	Effort (Hooks)					Sailfish (Mt)	Marlins (Mt)	Shark (Mt)	Others (Mt)	
2013	6	44	11	251,560	0.68	28	18	112	2	4	8	0	172
2014	8	17	10	75,789	0.86	12	2	49	0	0	1	0	65
2015	8	20	11	90,610	0.86	32	10	29	2	4	1	0	78
2016	21	122	10	484,712	0.87	240	54	84	10	33	0	0	422
2017	29	184	12	1,140,966	0.54	397	44	119	17	37	0	5	620
2018	28	166	15	1,142,936	0.59	404	62	151	13	42	0	3	675
2019	34	217	15	1,428,369	0.79	751	91	226	9	44	0	2	1123
2020	35	150	13	968,136	0.75	604	29	79	1	5	0	7	725
2021	32	190	14	1,344,911	0.69	805	32	59	11	9	0	6	922
2022	48	262	17	2,437,913	0.37	830	9	39	9	19	1	2	908
2023	52	307	19	3,368,460	0.40	1232	24	40	10	23	4	1	1334

Country: SEYCHELLES

Semester 2, Years 2013 - 2023

Year	Vessels		Mean Trip		Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	Bigeye (Mt)	Swordfish (Mt)	Catches				Total Catch (Mt)
	Covered (Number)	Trips (Number)	Duration (Days)	Effort (Hooks)					Sailfish (Mt)	Marlins (Mt)	Shark (Mt)	Others (Mt)	
2013	6	24	10	147,210	0.61	27	6	50	2	1	4	0	90
2014	5	7	10	43,184	0.39	3	2	9	1	0	1	0	17
2015	9	36	10	114,894	1.01	66	23	18	3	7	0	0	116
2016	25	132	13	756,228	0.72	334	74	100	11	20	2	2	544
2017	26	146	14	916,910	0.53	315	72	72	7	21	2	1	488
2018	26	131	16	929,632	0.64	429	51	76	7	28	1	1	592
2019	34	180	14	1,120,972	0.79	756	28	86	4	12	0	0	886
2020	26	156	14	1,061,580	0.72	673	27	56	2	2	0	0	760
2021	39	185	15	1,412,882	0.59	767	18	39	7	5	0	0	836
2022	50	305	16	2,521,771	0.46	1090	12	33	6	9	9	7	1165
2023	56	255	19	3,025,026	0.40	1144	11	20	4	11	6	6	1202

Country: SEYCHELLES

Year: 2013 - 2023

Year	Vessels		Mean Trip		Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	Bigeye (Mt)	Swordfish (Mt)	Catches				Total Catch (Mt)
	Covered (Number)	Trips (Number)	Duration (Days)	Effort (Hooks)					Sailfish (Mt)	Marlins (Mt)	Shark (Mt)	Others (Mt)	
2013	6	68	11	398,770	0.66	55	24	162	3	5	12	0	262
2014	9	24	10	118,973	0.69	15	5	58	1	1	2	0	82
2015	11	56	11	205,505	0.95	98	33	47	5	11	1	0	195
2016	28	254	11	1,240,940	0.78	574	128	184	21	53	2	2	966
2017	31	330	13	2,057,876	0.54	711	116	191	24	58	2	6	1108
2018	30	297	15	2,072,568	0.61	833	113	226	20	70	1	4	1267
2019	36	397	14	2,549,341	0.79	1507	119	313	13	55	0	2	2008
2020	35	306	14	2,029,716	0.73	1277	55	135	3	7	0	7	1485
2021	41	375	15	2,757,793	0.64	1572	50	99	17	14	1	7	1758
2022	53	567	17	4,959,684	0.42	1920	20	72	14	28	10	9	2073
2023	60	562	19	6,393,486	0.40	2376	34	60	15	34	10	7	2536

TABLE 3.1 Monthly Catch, Effort and Catch Rate Statistics of Semi-Industrial Longliners

(Database Closed on 30/06/2024)

Country: SEYCHELLES

Year: 2022

Month	Vessels			Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	Bigeye (Mt)	Swordfish (Mt)	Catch				Total Catch (Mt)
	Covered (Number)	Trips (Number)	Duration (Days)						Sailfish (Mt)	Marlins (Mt)	Shark (Mt)	Others (Mt)	
Jan	25	26	14	280185	0.37	95	1	6	1	1	0	0	105
Feb	33	45	17	293,829	0.29	75	2	4	1	2	0	0	84
Mar	39	53	18	436,201	0.39	155	1	6	1	5	0	0	168
Apr	42	49	17	544,540	0.48	249	2	5	1	6	0	0	263
May	40	51	19	490,115	0.34	151	2	9	3	3	0	0	168
Jun	37	38	17	393,043	0.31	105	2	8	2	1	1	2	120
Jul	33	50	16	381,391	0.37	130	3	4	1	0	1	2	142
Aug	25	37	15	317,284	0.44	130	2	4	1	0	1	1	139
Sep	35	50	14	343,812	0.69	229	2	4	1	1	1	1	239
Oct	44	59	17	472,058	0.46	209	1	5	0	1	1	1	219
Nov	42	50	18	504,696	0.43	200	2	10	1	2	3	1	219
Dec	44	59	17	502,530	0.41	192	2	6	3	4	1	0	208
Annual	37	567	17	4,959,684	0.42	1920	20	72	14	28	10	9	2073
Quarter 1	32	124	16	1,010,215	0.35	325	4	16	3	8	0	0	357
Quarter 2	40	138	17	1,427,698	0.39	505	5	23	5	11	1	2	552
Quarter 3	31	137	15	1,042,487	0.50	489	7	13	2	1	4	5	519
Quarter 4	43	168	17	1,479,284	0.44	602	5	20	4	8	5	2	645
First Semester	36	262	17	2,437,913	0.37	830	9	39	9	19	1	2	908
Second Semester	37	305	16	2,521,771	0.46	1090	12	33	6	9	9	7	1165

Country: SEYCHELLES

Year: 2023

Month	Vessels			Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Yellowfin (Mt)	Bigeye (Mt)	Swordfish (Mt)	Catches				Total Catch (Mt)
	Covered (Number)	Trips (Number)	Mean Trip Duration (Days)						Sailfish (Mt)	Marlins (Mt)	Shark (Mt)	Others (Mt)	
Jan	45	54	18	538852	0.55	282	6	2	1	4	0	0	296
Feb	44	51	19	463,020	0.48	213	2	3	1	5	0	0	224
Mar	40	47	20	553,702	0.40	208	3	4	0	4	0	0	219
Apr	43	50	19	599,350	0.29	156	6	7	2	5	1	0	176
May	46	51	17	632,624	0.36	204	6	12	4	2	1	0	230
Jun	45	54	18	580,912	0.33	169	2	12	2	2	1	0	189
Jul	32	45	16	376,545	0.67	238	1	9	0	1	2	1	252
Aug	34	39	18	386,810	0.45	165	2	1	0	1	1	4	173
Sep	37	39	19	418,885	0.47	192	1	2	0	1	0	0	196
Oct	45	50	23	618,788	0.21	121	1	4	1	2	1	0	130
Nov	40	43	19	681,082	0.31	202	2	3	2	4	1	1	214
Dec	37	39	19	542,916	0.44	226	4	1	1	3	1	0	236
Annual	41	562	19	6,393,486	0.40	2376	34	60	15	34	10	7	2536
Quarter 1	43	152	19	1,555,574	0.47	703	10	9	2	13	1	0	738
Quarter 2	45	155	18	1,812,886	0.33	529	13	31	8	10	3	1	596
Quarter 3	34	123	18	1,182,240	0.53	595	4	12	0	3	3	5	621
Quarter 4	41	132	20	1,842,786	0.32	549	6	8	4	8	3	1	581
First Semester	44	307	19	3,368,460	0.40	1232	24	40	10	23	4	1	1334
Second Semester	38	255	19	3,025,026	0.40	1144	11	20	4	11	6	6	1202

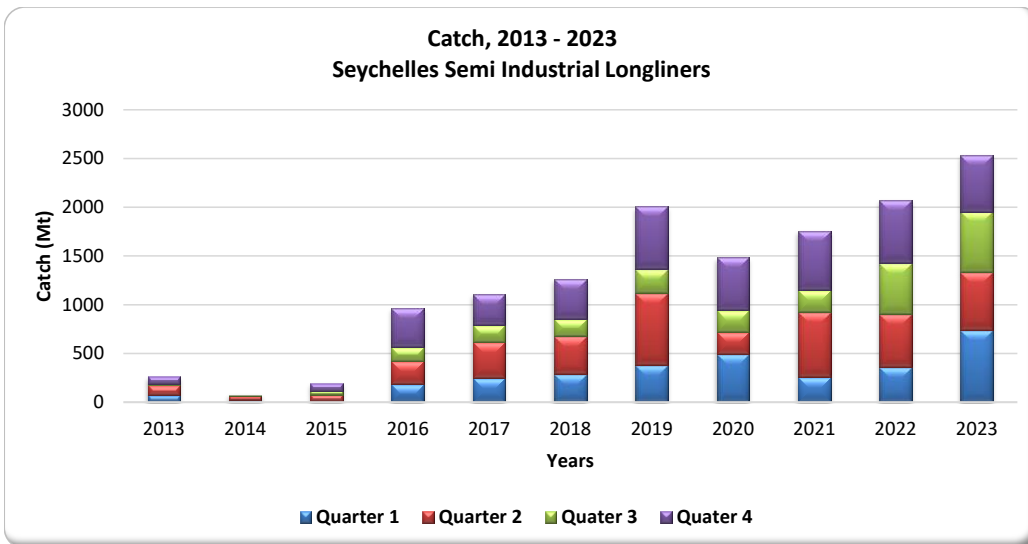


Figure 3A: Semi-Industrial Longliners Total catch by Year, 2013 - 2023

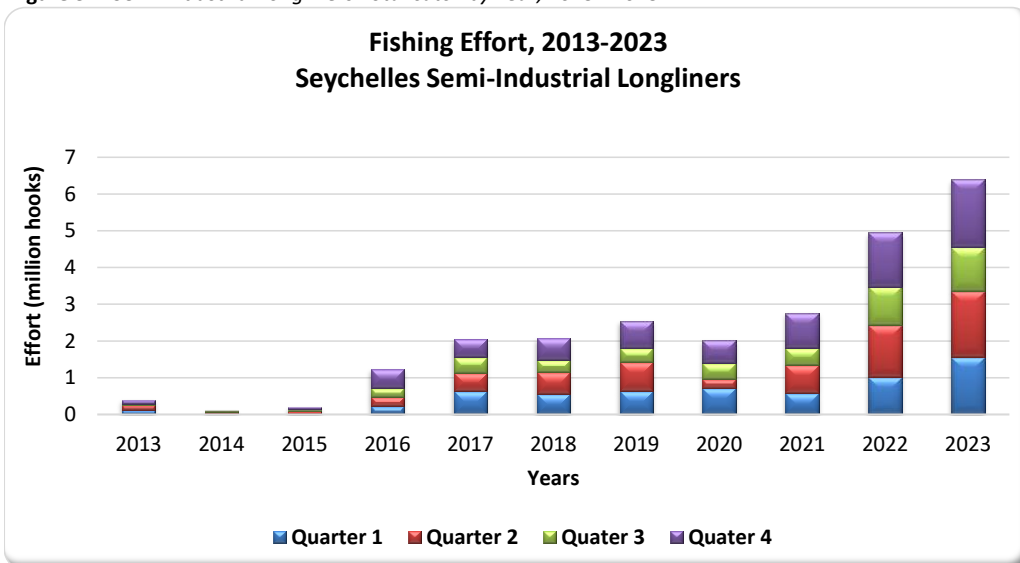


Figure 3B: Semi-Industrial longliners fishing effort by Year, 2013 - 2023

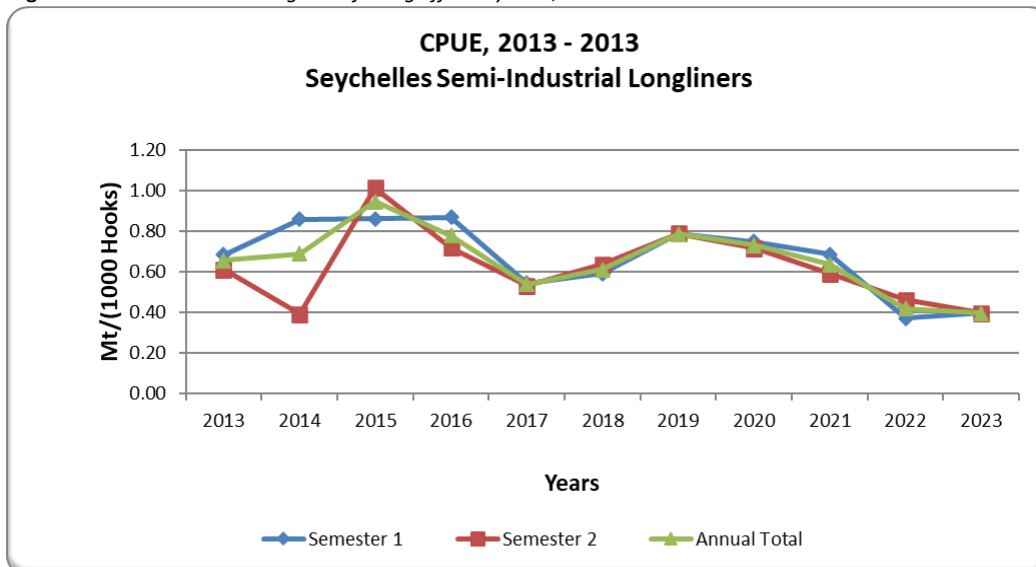


Figure 3C: Semi-Industrial Longliners CPUE by Year, 2013 - 2023

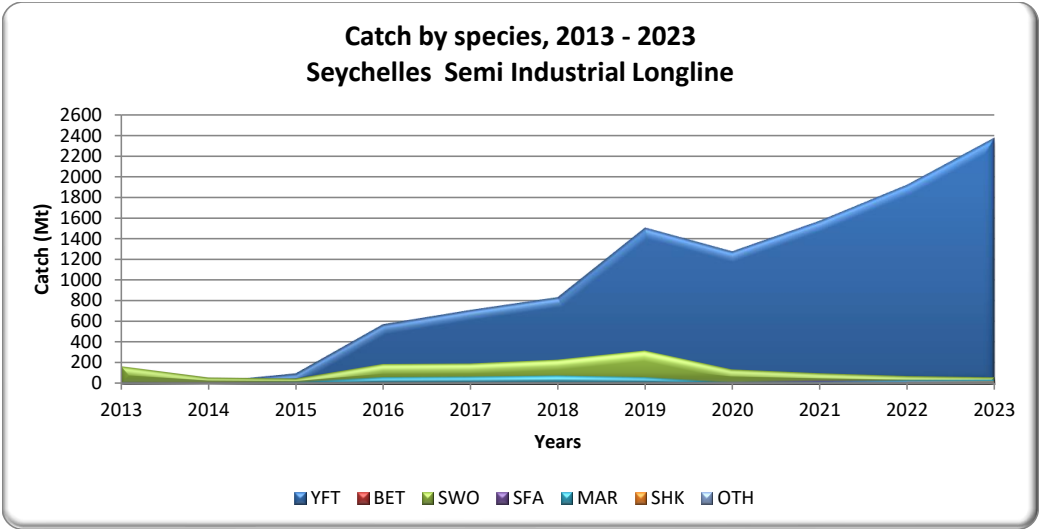


Figure 3D: Semi-Industrial Longliners catch by species by Year, 2013 - 2023

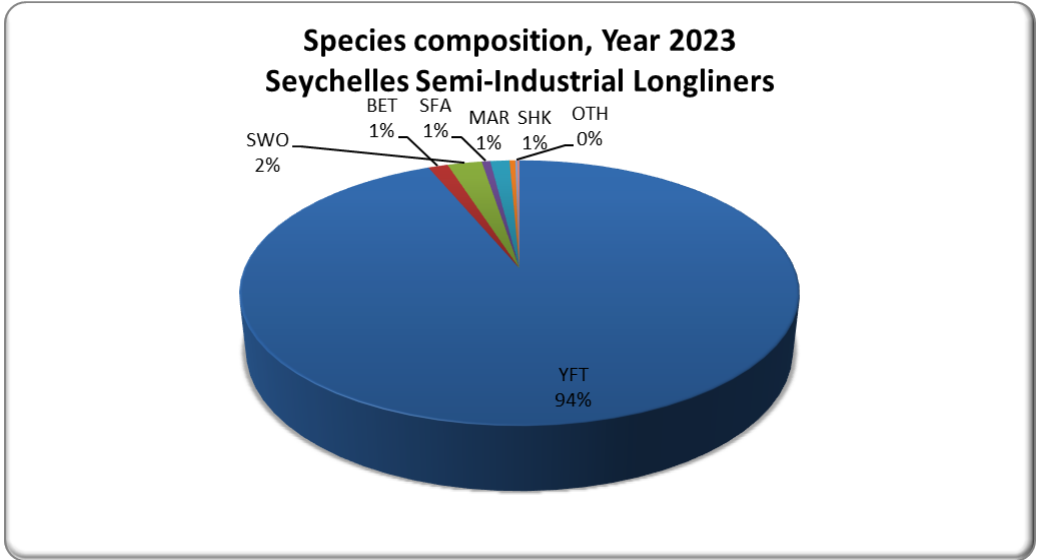


Figure 3E: Semi-Industrial longliners species composition, Year 2023

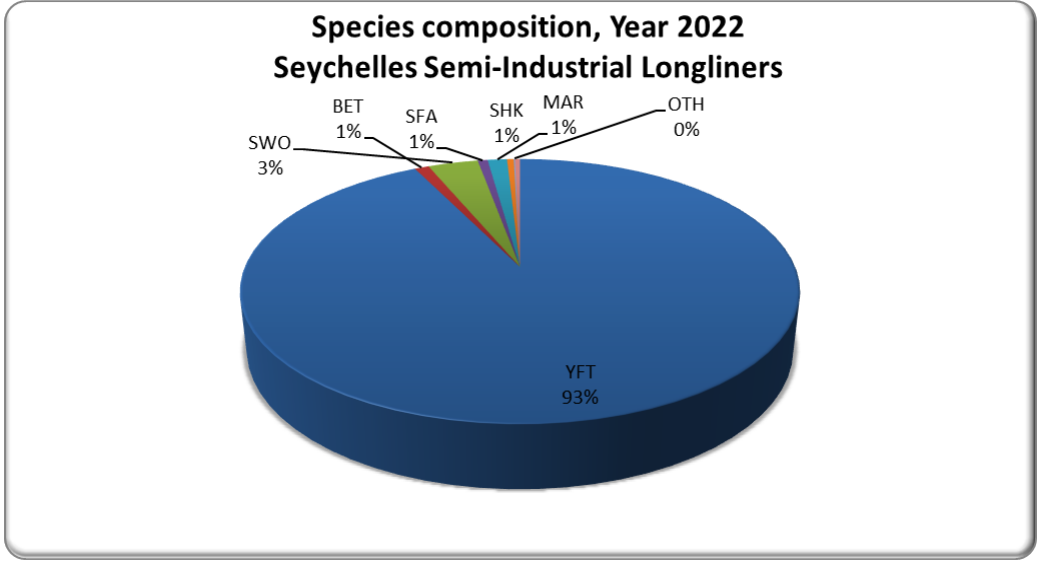


Figure 3F: Semi-Industrial longliners species composition, Year 2022

Artisanal Fishery



Pirogue



Whaler



Mini Mahe



Lekonomie



Lavenir



Schooners



4. SUMMARY OF ARTISANAL FISHERY

In 2024, the Seychelles Fisheries Authority (SFA) upgraded its data processing system for the artisanal fishery. As a result, SFA is currently reprocessing historical artisanal fishery data to produce more refined and disaggregated statistics. This reprocessing is a time-consuming task and will be carried out in phases. Consequently, this report includes only the data for the years 2018 to 2023 that have been processed using the new system. Readers should be aware that the estimates presented in this report may differ from previously published figures. For more details on the revised processing methods, please refer to the description of the fishery data management at the beginning of this report on page XX.

4.1. *Vessel Active*

- The average number of boats operating per month showed a decreasing trend from 2019 to 2022. Post COVID19 period, there has been a noticeable shift from smaller to larger boats within the fishery. The average number of outboard vessels has been declining, while the average number of schooners active per month has been increasing. The average number of whalers operating has remained steady at around 57 boats per month during this period (Table 4.1A).
- In 2023, the mean number of boats operating in the artisanal fishery decreased significantly to 262 boats active per month, compared to a mean of 308 boats active per month in the previous year (Table 4.1B). The mean number of outboard vessels dropped by 23%, from an average of 184 vessels active per month in 2022 to 150 vessels in 2023. The mean number of schooners and whalers active per month also recorded decreases of 16% and 6%, respectively, compared to the previous year.
- In terms of vessel type, the composition of the artisanal fleet in 2023 was as follows:
 - Outboard vessels: 57% of the fleet
 - Whalers: 23% of the fleet
 - Schooners: 19% of the fleet
- This represents a shift from the previous year, where the fleet composition was:
 - Outboard vessels: 60%
 - Whalers: 21%
 - Schooners: 18% (refer to Table 4.1B).

4.2. *Catch Statistic by Vessel Type*

- The time series of artisanal fishery catches shows a significant 20% decrease in 2020 due to the COVID-19 pandemic. This decline was followed by a stabilization in 2021, with catches remaining at similar levels, and a slight drop in 2022 (Table 4.2 and Figure

4A). In 2023, the total artisanal catches saw a notable increase of 5%, reaching 4,291.9 metric tons (MT), compared to 4,101.8 MT recorded in the previous year (Figure 4A).

- Historically, outboard vessels have been the primary contributors to artisanal catches. However, in 2023, schooners emerged as the leading vessel type for the first time, accounting for 46% of the total catch. Outboard vessels and whalers contributed 33% and 20% of the total catch, respectively. This shift is attributed to an increase in the average number of schooners operating monthly, while the average number of outboard vessels decreased significantly by 23%.
- In 2022, the distribution of catches was different, with outboard vessels, schooners, and whalers representing 57%, 20%, and 20% of the total artisanal catches, respectively. Since 2018, schooners have consistently been the second-largest contributors to artisanal catches (Table 4.2A).

4.3. Catch Statistics by Gear Type

- Analysis of artisanal catches by gear type indicates that handline fisheries have historically been the most dominant method, followed by encircling gillnets (Table 4.3 and Figure 4C). In 2023, the handline fishery continued to be the leading gear type, accounting for 78% of the total landings. Encircling gillnets were the second most prevalent, contributing 10% to the total catches. Static traps accounted for 6% of the total catches.
- Most fisheries experienced a decline in catches in 2023, with the exception of handline and crab fisheries. Handline fishery catches increased by 26%, while crab fishery catches saw a 10% rise. Conversely, catches from encircling gillnets, static traps, and active traps decreased significantly:
 - Encircling gillnets: 52% decrease
 - Static traps: 33% decrease
 - Active traps: 21% decrease
- The increase in the number of schooners operating in recent years may have contributed to the higher catches observed in the handline fishery.

4.4. Catch Statistics by Species

- Between 2018 and 2022, artisanal catches were predominantly composed of trevally (karang), Indian mackerel (makro dou), emperor red snapper (bourgeois), and jobfish (zob). These species accounted for an average of 30%, 11%, 9%, and 14% of the total artisanal catch per year, respectively (Table 4.4).
- Trend analysis during this period reveals the following patterns:
 - Trevally (Karang): The catches of trevally have shown fluctuations from year to year, indicating variability in their availability or fishing efforts.
 - Indian mackerel (makro dou): Similar to trevally, the catches of Indian mackerel have also fluctuated annually.

- Emperor red snapper (bourzwa): The catches of emperor red snapper have experienced year-to-year variations as well.
- Jobfish (zob): Unlike the other species, jobfish catches remained relatively constant until a noticeable decline in 2022.
- In addition to these species, the catches of rabbitfish (Kordonnyen) and emperors (kaptenn) have been on a downward trend throughout this period (Figure 4D – 4I).
- In 2023, there were notable increases in the catches of several key species:
 - Trevally (karang): Increased by 16%
 - Tuna (ton) : Increased by a remarkable 169%
 - Groupers (vyey), by 80% including brow spotted grouper (vyey Makonde): Increased by 28%
 - Jobfish (zob): Increased by 84%
 - Crab (krab): Increased by 10%
- Conversely, significant decreases were observed in the catches of other main species compared to the previous year:
 - Bonitos (bonit) by 81%
 - Rabbitfish (kordonyen) by 22%
 - Mackerel (makro - 88%) , including Indian mackerel (makro dou) by 40%
- The most important species groups landed in 2023 were:
 - Trevally: 36% of the total catch
 - Jobfish: 20% of the total catch
 - Emperor red snapper: 8% of the total catch
- In contrast, the previous year saw artisanal catches dominated by:
 - Trevally: 32%
 - Indian mackerel: 13%
 - Jobfish: 11%
- These shifts highlight the dynamic nature of artisanal fisheries and the varying factors that can influence catch composition from year to year (Figure 4K).

4.5. Fishing Effort by Vessel Type and Gear Type

- **Handline Fishery:** Since 2018, the effort in the handline fishery has been on an upward trend, increasing from 65,797 men-days in 2018 to 81,870 men-days in 2021. However, there was a notable 27% decrease in 2022 (Table 4.5 and Figure 4M). In 2023, the total effort for handline fishery is estimated at 83,058 men-days, marking a significant 40% increase from the 59,504 men-days recorded in 2022. The increase in fishing effort by different boat categories in 2023 is as follows:
 - Schooners: 56% increase
 - Whalers: 56% increase
 - Other boats: 39% increase
 - Outboards: Slight decrease of 1%

- **Trap Fishery:** The effort in the trap fishery has been declining since 2019. The number of traps set decreased from 120,193 in 2018 to 60,996 in 2022 (Figure 4N). In 2023, the estimated effort for trap fishery further decreased by 23%, from 60,996 trap sets in 2022 to 47,063 trap sets. Significant changes in the number of traps set by different boat categories in 2023 include:
 - Whalers: 90% decrease
 - Outboards: 23% decrease
 - Other vessels: 16% increase
- **Net Fishery:** The net fishery effort experienced a 43% reduction in 2019 and has remained stable through 2022 (refer to Figure 4O). In 2023, the net fishery recorded a 28% decrease in fishing effort, with a total of 1,419 sets made compared to 1,973 sets in the previous year.

4.6. Catch Rate by Vessel Type and Gear Type

- **Handline Fishery (Artisanal Boats):** The catch rate for artisanal boats using handline fishery has shown a declining trend from 56.1 kg per men-day in 2018 to 44.5 kg per men-day in 2022 (Table 4.6 and Figure 4S). In 2023, the catch rate further decreased to an estimated 41.43 kg per men-day. Significant reductions were observed in specific boat categories:
 - Outboard boats: from 60.3 kg per men-day in 2022 to 35.2 kg per men-day in 2023.
 - Whalers: from 45.9 kg per men-day in 2022 to 31.4 kg per men-day in 2023.
 - Conversely, schooners experienced a notable increase in catch rate from 32.9 kg per men-day in 2022 to 52.1 kg per men-day in 2023.
 - Other boat categories also saw a significant decrease, dropping from 39.6 kg per men-day in 2022 to 21.2 kg per men-day in 2023.
- **Trap Fishery:** The Catch Per Unit Effort (CPUE) for trap fishery has been on an upward trend, increasing from 3.9 kg per trap in 2018 to 7.7 kg per trap in 2022, despite a dip in 2020 due to the COVID-19 pandemic (Figure 4T). In 2023, the CPUE for trap fishery is estimated to have slightly decreased to 6.9 kg per trap. The highest catch rate within this category was recorded by the 'other' boats category, estimated at 7.2 kg per trap in 2023.
- **Net Fishery:** The catch rate for net fishery has shown a fluctuating trend. It decreased from 420.7 kg per set in 2018 to 301.6 kg per set in 2021, followed by an increase to 441.9 kg per set in 2022 (refer to Figure 4U). However, in 2023, the catch rate for net fishery decreased again to 301.9 kg per set (see Table 46).

TABLE 4.1A Mean Number of boats operating by Month

(Database Closed on 15/10/24)

Years: 2018 - 2023

Vessel Type	2018	2019	2020	2021	2022	2023
Fishermen on Foot	0	0	0	0	0	0
Pirogue	1	1	1	1	1	1
Outboard	220	211	167	182	184	150
Whaler	65	61	58	64	64	60
Schooner	52	55	49	56	57	49
Semi Industrial Longliner*	9	6	8	4	2	1
Others**	2	2	1	1	1	1
Annual	349	336	284	308	308	262

* Semi-industrial longliners conducting artisanal fishing trips

**Vessels that recently joined the fishery but based on characteristics does not fall into any of the above category.

TABLE 4.1B Mean Number of boats operating by Month

(Database Closed on 15/10/24)

Country: SEYCHELLES**Year: 2022**

Month	Pirogue	Outboard	Whaler	Schooner	Others	Semi Industrial Longliner	Total
Jan	1	173	58	52	1	0	285
Feb	1	207	61	63	2	0	334
Mar	1	233	77	64	2	1	378
Apr	1	196	73	60	2	0	332
May	1	212	76	69	2	0	360
Jun	1	149	67	58	2	0	277
Jul	1	141	55	41	1	0	239
Aug	1	147	50	45	1	0	244
Sep	1	178	63	54	1	0	297
Oct	1	187	62	49	1	0	300
Nov	1	204	66	66	2	0	339
Dec	0	181	58	63	2	0	304
Annual	1	184	64	57	2	1	308
Quarter 1	0	204	65	60	2	1	332
Quarter 2	0	186	72	62	2	0	323
Quarter 3	1	155	56	47	1	0	260
Quarter 4	1	191	62	59	2	0	314
First Semester	0	195	69	61	2	1	328
Second Semester	1	173	59	53	1	0	287

Country: SEYCHELLES**Year: 2023**

Month	Pirogue	Outboard	Whaler	Schooner	Others	Semi Industrial Longliner	Total
Jan	1	201	73	54	1	0	330
Feb	0	181	68	54	0	0	303
Mar	2	220	74	59	1	0	356
Apr	1	135	71	55	1	0	263
May	1	88	59	48	1	1	198
Jun	1	85	54	44	1	0	185
Jul	1	79	40	39	0	0	159
Aug	1	133	45	43	1	1	224
Sep	1	151	35	36	1	0	224
Oct	0	181	67	52	0	0	300
Nov	1	182	66	52	1	0	302
Dec	0	166	67	54	1	1	289
Annual	1	150	60	49	1	1	262
Quarter 1	2	201	72	56	1	0	330
Quarter 2	1	103	61	49	1	1	215
Quarter 3	1	121	40	39	1	1	202
Quarter 4	0	176	67	53	1	1	297
First Semester	0	152	67	52	1	1	273
Second Semester	1	149	53	46	1	1	250

TABLE 4.2 Time series of Catch Statistics for Artisanal Fishery by Vessel Type

(Database Closed on 15/10/24)

Country: Seychelles

Semester 1, Years 2018- 2023

Month	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²	Total	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²
2018	9.1	1645.2	597.4	739.7	16.1	48.3	3055.8	0%	54%	20%	24%	1%	2%
2019	15.6	1816.0	550.9	711.4	22.2	3.3	3119.3	0%	58%	18%	23%	1%	0%
2020	0.0	1099.2	286.9	882.7	22.7	76.4	2367.9	0%	46%	12%	37%	1%	3%
2021	6.7	1113.4	524.0	598.9	24.5	14.4	2281.7	0%	49%	23%	26%	1%	1%
2022	46.9	1476.3	400.7	607.3	35.5	1.0	2567.7	2%	57%	16%	24%	1%	0%
2023	0.2	602.1	532.3	1065.2	17.6	0.0	2217.4	0%	27%	24%	48%	1%	0%

¹Schooner catches include schooner handline and other gears such as dropline

²Semi-industrial longliners conducting artisanal fishing trips excluding semi industrial fishery Longline sets

Country: Seychelles

Semester 2, Years 2018 - 2013

Month	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²	Total	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²
2018	17.0	1017.2	438.3	623.3	11.6	66.1	2173.4	1%	47%	20%	29%	1%	3%
2019	4.5	1175.7	384.2	642.0	14.7	46.8	2267.9	0%	52%	17%	28%	1%	2%
2020	16.9	1023.9	368.5	486.2	16.7	47.5	1959.7	1%	52%	19%	25%	1%	2%
2021	2.5	997.1	279.9	762.0	10.1	0.8	2052.4	0%	49%	14%	37%	0%	0%
2022	31.7	865.6	412.8	211.5	12.5	0.0	1534.1	2%	56%	27%	14%	1%	0%
2023	1.2	796.4	326.1	928.8	21.9	0.0	2074.4	0%	38%	16%	45%	1%	0%

¹Schooner catches include schooner handline and other gears such as dropline

²Semi-industrial longliners conducting artisanal fishing trips excluding semi industrial fishery Longline sets

Country: Seychelles

Years 2018 - 2023

Month	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²	Total	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²
2018	26.1	2662.4	1035.6	1363.0	27.7	114.4	5229.1	0%	51%	20%	26%	1%	2%
2019	20.1	2991.7	935.0	1353.3	36.9	50.1	5387.2	0%	56%	17%	25%	1%	1%
2020	16.9	2123.1	655.4	1368.9	39.4	123.9	4327.6	0%	49%	15%	32%	1%	3%
2021	9.2	2110.5	803.8	1360.9	34.6	15.1	4334.2	0%	49%	19%	31%	1%	0%
2022	78.6	2341.9	813.5	818.8	48.0	1.0	4101.8	2%	57%	20%	20%	1%	0%
2023	1.4	1398.6	858.4	1994.0	39.5	0.0	4291.9	0%	33%	20%	46%	1%	0%

¹Schooner catches include schooner handline and other gears such as dropline

²Semi-industrial longliners conducting artisanal fishing trips excluding semi industrial fishery Longline sets

TABLE 4.2A Monthly Catch Statistics for Artisanal Fishery by Vessel Type

(Database Closed on 15/10/24)

Country: Seychelles Year: 2022

Month	Catch (Mt)							Catch (%)					
	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²	Total	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²
JAN	3.2	212.0	42.3	59.0	1.7	0.0	318.2	1%	67%	13%	19%	1%	0%
FEB	2.8	219.0	47.8	111.1	2.1	0.0	382.7	1%	57%	12%	29%	1%	0%
MAR	15.8	354.2	66.1	150.1	6.7	1.0	594.0	3%	60%	11%	25%	1%	0%
APR	10.7	371.5	59.2	101.6	10.9	0.0	553.9	2%	67%	11%	18%	2%	0%
MAY	7.2	167.2	103.6	114.5	9.3	0.0	401.7	2%	42%	26%	28%	2%	0%
JUN	7.2	152.4	81.7	71.1	4.8	0.0	317.2	2%	48%	26%	22%	1%	0%
JUL	1.3	72.7	45.3	21.7	3.3	0.0	144.3	1%	50%	31%	15%	2%	0%
AUG	12.0	81.0	21.2	25.3	1.3	0.0	140.9	9%	58%	15%	18%	1%	0%
SEP	6.2	217.2	84.7	34.6	1.6	0.0	344.3	2%	63%	25%	10%	0%	0%
OCT	12.2	307.4	113.7	48.3	2.2	0.0	483.9	3%	64%	23%	10%	0%	0%
NOV	0.0	121.3	98.3	63.2	3.5	0.0	286.3	0%	42%	34%	22%	1%	0%
DEC	0.0	66.0	49.6	18.3	0.6	0.0	134.5	0%	49%	37%	14%	0%	0%
Annual	78.6	2341.9	813.5	818.8	48.0	1.0	4101.8	2%	57%	20%	20%	1%	0%
Quarter 1	21.8	785.2	156.3	320.1	10.5	1.0	1295.0	2%	61%	12%	25%	1%	0%
Quarter 2	25.1	691.1	244.5	287.2	25.0	0.0	1272.7	2%	54%	19%	23%	2%	0%
Quarter 3	19.5	370.9	151.1	81.7	6.3	0.0	629.5	3%	59%	24%	13%	1%	0%
Quarter 4	12.2	494.7	261.7	129.8	6.3	0.0	904.6	1%	55%	29%	14%	1%	0%
First Semester	46.9	1476.3	400.7	607.3	35.5	1.0	2567.7	2%	57%	16%	24%	1%	0%
Second Semester	31.7	865.6	412.8	211.5	12.5	0.0	1534.1	2%	56%	27%	14%	1%	0%

¹Schooner catches include schooner handline and other gears such as dropline

²Semi-industrial longliners conducting artisanal fishing trips excluding semi industrial fishery Longline sets

Country: Seychelles Year: 2023

Month	Catch (Mt)							Catch (%)					
	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²	Total	Pirogue	Outboard	Whaler	Schooner ¹	Others	Semi Industrial Longliner ²
JAN	0.0	160.5	71.8	230.8	1.8	0.0	464.9	0%	35%	15%	50%	0%	0%
FEB	0.0	147.7	47.5	177.8	1.9	0.0	374.9	0%	39%	13%	47%	0%	0%
MAR	0.0	143.6	86.5	183.9	6.8	0.0	420.7	0%	34%	21%	44%	2%	0%
APR	0.0	76.0	127.1	158.8	6.0	0.0	367.9	0%	21%	35%	43%	2%	0%
MAY	0.2	33.6	86.2	170.4	0.5	0.0	290.9	0%	12%	30%	59%	0%	0%
JUN	0.0	40.8	113.1	143.6	0.6	0.0	298.2	0%	14%	38%	48%	0%	0%
JUL	0.0	46.8	37.0	63.0	5.0	0.0	151.7	0%	31%	24%	41%	3%	0%
AUG	0.1	73.8	51.1	44.6	3.4	0.0	173.0	0%	43%	30%	26%	2%	0%
SEP	0.2	128.8	80.9	31.3	2.9	0.0	244.0	0%	53%	33%	13%	1%	0%
OCT	0.0	162.3	50.7	65.3	4.2	0.0	282.5	0%	57%	18%	23%	1%	0%
NOV	0.3	230.3	76.9	636.9	1.4	0.0	945.8	0%	24%	8%	67%	0%	0%
DEC	0.6	154.5	29.6	87.8	5.1	0.0	277.6	0%	56%	11%	32%	2%	0%
Annual	1.4	1398.6	858.4	1994.0	39.5	0.0	4291.9	0%	33%	20%	46%	1%	0%
Quarter 1	0.0	451.7	205.8	592.5	10.4	0.0	1260.5	0%	36%	16%	47%	1%	0%
Quarter 2	0.2	150.4	326.4	472.7	7.2	0.0	956.9	0%	16%	34%	49%	1%	0%
Quarter 3	0.3	249.4	168.9	138.8	11.3	0.0	568.7	0%	44%	30%	24%	2%	0%
Quarter 4	0.9	547.1	157.2	790.0	10.6	0.0	1505.8	0%	36%	10%	52%	1%	0%
First Semester	0.2	602.1	532.3	1065.2	17.6	0.0	2217.4	0%	27%	24%	48%	1%	0%
Second Semester	1.2	796.4	326.1	928.8	21.9	0.0	2074.4	0%	38%	16%	45%	1%	0%

¹Schooner catches include schooner handline and other gears such as dropline

²Semi-industrial longliners conducting artisanal fishing trips excluding semi industrial fishery Longline sets

TABLE 4.3 Catch Statistics for Artisanal Fishery by Gear Type by Year

(Database Closed on 15/10/24)

Country: Seychelles

Semester 1, Years 2018 - 2023

Month	Catch (Mt)									Catch (Mt)							
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*
2018	40.7	591.0	54.3	175.0	2155.7	24.3	14.6	0.1	3055.8	1%	19%	2%	6%	71%	1%	0%	0%
2019	26.9	681.5	97.2	220.9	2033.1	15.0	44.8	0.0	3119.3	1%	22%	3%	7%	65%	0%	1%	0%
2020	6.8	324.7	31.0	128.1	1798.4	77.0	1.0	0.9	2367.9	0%	14%	1%	5%	76%	3%	0%	0%
2021	62.6	360.6	30.2	209.2	1564.2	33.6	21.2	0.1	2281.7	3%	16%	1%	9%	69%	1%	1%	0%
2022	38.5	464.2	39.6	217.6	1796.4	0.0	10.9	0.6	2567.7	1%	18%	2%	8%	70%	0%	0%	0%
2023	44.2	176.1	27.9	127.0	1734.1	99.9	6.0	2.2	2217.4	2%	8%	1%	6%	78%	5%	0%	0%

*Catch using gears less common not elsewhere classified such as gears used for slipper lobster, drifting longline for shark, trolling lines etc

Country: Seychelles

Semester 2, Years 2018- 2023

Month	Catch (Mt)									Catch (Mt)							
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*
2018	5.4	312.6	66.5	176.8	1505.8	2.9	103.1	0.2	2173.4	0%	14%	3%	8%	69%	0%	5%	0%
2019	10.0	423.8	55.1	190.4	1573.0	3.8	6.3	5.5	2267.9	0%	19%	2%	8%	69%	0%	0%	0%
2020	18.7	292.7	19.4	136.9	1437.3	44.0	8.4	2.3	1959.7	1%	15%	1%	7%	73%	2%	0%	0%
2021	15.0	232.7	60.2	212.4	1481.5	0.8	49.9	0.0	2052.4	1%	11%	3%	10%	72%	0%	2%	0%
2022	52.9	407.3	31.4	180.8	849.6	0.0	6.5	5.6	1534.1	3%	27%	2%	12%	55%	0%	0%	0%
2023	34.3	239.3	28.4	139.4	1606.7	0.0	13.2	13.3	2074.4	2%	12%	1%	7%	77%	0%	1%	1%

*Catch using gears less common not elsewhere classified such as gears used for slipper lobster, drifting longline for shark, trolling lines etc

Country: Seychelles

Years : 2018- 2023

Month	Catch (Mt)									Catch (Mt)							
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/ Tangle Net	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/ Tangle Net	Others*
2018	46.1	903.6	120.9	351.8	3661.6	27.2	117.7	0.2	5229.1	1%	17%	2%	7%	70%	1%	2%	0%
2019	36.9	1105.3	152.2	411.2	3606.1	18.8	51.1	5.5	5387.2	1%	21%	3%	8%	67%	0%	1%	0%
2020	25.5	617.4	50.4	265.0	3235.6	121.0	9.4	3.3	4327.6	1%	14%	1%	6%	75%	3%	0%	0%
2021	77.6	593.3	90.3	421.6	3045.7	34.4	71.2	0.1	4334.2	2%	14%	2%	10%	70%	1%	2%	0%
2022	91.4	871.5	71.0	398.4	2646.0	0.0	17.4	6.2	4101.8	2%	21%	2%	10%	65%	0%	0%	0%
2023	78.5	415.4	56.3	266.4	3340.8	99.9	19.2	15.5	4291.9	2%	10%	1%	6%	78%	2%	0%	0%

*Catch using gears less common not elsewhere classified such as gears used for slipper lobster, drifting longline for shark, trolling lines etc

TABLE 4.3A Monthly Catch Statistics for Artisanal Fishery by Gear Type

(Database Closed on 15/10/24)

Country: Seychelles Year: 2022

Month	Catch (Mt)									Catch (%)							
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*
JAN	4.6	75.3	12.3	32.6	193.5	0.0	0.0	0.0	318.2	1%	24%	4%	10%	61%	0%	0%	0%
FEB	12.1	78.1	4.6	34.9	253.0	0.0	0.0	0.2	382.7	3%	20%	1%	9%	66%	0%	0%	0%
MAR	8.2	192.2	9.9	42.6	334.5	0.0	6.7	0.0	594.0	1%	32%	2%	7%	56%	0%	1%	0%
APR	10.4	44.8	8.1	22.2	468.3	0.0	0.0	0.1	553.9	2%	8%	1%	4%	85%	0%	0%	0%
MAY	0.8	38.8	2.9	16.4	338.5	0.0	4.2	0.1	401.7	0%	10%	1%	4%	84%	0%	1%	0%
JUN	2.4	35.1	1.8	69.0	208.7	0.0	0.0	0.3	317.2	1%	11%	1%	22%	66%	0%	0%	0%
JUL	0.4	25.6	2.0	19.4	93.5	0.0	0.0	3.3	144.3	0%	18%	1%	13%	65%	0%	0%	2%
AUG	16.8	23.7	6.0	29.5	64.4	0.0	0.0	0.5	140.9	12%	17%	4%	21%	46%	0%	0%	0%
SEP	9.9	134.3	4.3	27.5	168.4	0.0	0.0	0.0	344.3	3%	39%	1%	8%	49%	0%	0%	0%
OCT	23.0	198.6	7.5	47.7	206.1	0.0	1.0	0.0	483.9	5%	41%	2%	10%	43%	0%	0%	0%
NOV	2.0	21.8	7.8	28.7	221.1	0.0	3.2	1.8	286.3	1%	8%	3%	10%	77%	0%	1%	1%
DEC	0.8	3.3	3.9	28.0	96.1	0.0	2.4	0.0	134.5	1%	2%	3%	21%	71%	0%	2%	0%
Annual	91.4	871.5	71.0	398.4	2646.0	0.0	17.4	6.2	4101.8	2%	21%	2%	10%	65%	0%	0%	0%
Quarter 1	24.9	345.5	26.8	110.0	780.9	0.0	6.7	0.2	1295.0	2%	27%	2%	8%	60%	0%	1%	0%
Quarter 2	13.7	118.7	12.8	107.5	1015.4	0.0	4.2	0.4	1272.7	1%	9%	1%	8%	80%	0%	0%	0%
Quarter 3	27.1	183.6	12.3	76.4	326.3	0.0	0.0	3.8	629.5	4%	29%	2%	12%	52%	0%	0%	1%
Quarter 4	25.8	223.7	19.1	104.4	523.3	0.0	6.5	1.8	904.6	3%	25%	2%	12%	58%	0%	1%	0%
First Semester	38.5	464.2	39.6	217.6	1796.4	0.0	10.9	0.6	2567.7	1%	18%	2%	8%	70%	0%	0%	0%
Second Semester	52.9	407.3	31.4	180.8	849.6	0.0	6.5	5.6	1534.1	3%	27%	2%	12%	55%	0%	0%	0%

*Catch using gears not elsewhere classified such as dropline and reels

Country: Seychelles Year: 2023

Month	Catch (Mt)									Catch (%)							
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Dropline	Hoop/Tangle Net	Others*
JAN	9.9	82.5	1.6	25.4	345.2	0.0	0.0	0.3	464.9	2%	18%	0%	5%	74%	0%	0%	0%
FEB	18.7	61.7	7.2	24.3	172.3	84.3	6.0	0.4	374.9	5%	16%	2%	6%	46%	22%	2%	0%
MAR	12.0	15.5	12.6	44.8	319.5	15.6	0.0	0.8	420.7	3%	4%	3%	11%	76%	4%	0%	0%
APR	0.7	9.6	3.5	15.4	338.6	0.0	0.0	0.0	367.9	0%	3%	1%	4%	92%	0%	0%	0%
MAY	0.0	1.5	2.0	10.5	276.9	0.0	0.0	0.0	290.9	0%	1%	1%	4%	95%	0%	0%	0%
JUN	2.9	5.3	1.0	6.6	281.6	0.0	0.0	0.7	298.2	1%	2%	0%	2%	94%	0%	0%	0%
JUL	2.5	1.9	3.6	14.0	129.9	0.0	0.0	0.0	151.7	2%	1%	2%	9%	86%	0%	0%	0%
AUG	3.1	16.3	4.1	11.1	136.4	0.0	0.0	2.0	173.0	2%	9%	2%	6%	79%	0%	0%	1%
SEP	6.1	38.9	5.0	22.5	171.5	0.0	0.0	0.2	244.0	3%	16%	2%	9%	70%	0%	0%	0%
OCT	5.5	17.3	5.5	47.8	203.0	0.0	2.4	1.0	282.5	2%	6%	2%	17%	72%	0%	1%	0%
NOV	13.3	100.6	5.1	26.6	784.8	0.0	6.0	9.3	945.8	1%	11%	1%	3%	83%	0%	1%	1%
DEC	3.9	64.4	5.2	17.4	181.1	0.0	4.8	0.8	277.6	1%	23%	2%	6%	65%	0%	2%	0%
Annual	78.5	415.4	56.3	266.4	3340.8	99.9	19.2	15.5	4291.9	2%	10%	1%	6%	78%	2%	0%	0%
Quarter 1	40.6	159.7	21.4	94.5	837.0	99.9	6.0	1.5	1260.5	3%	13%	2%	7%	66%	8%	0%	0%
Quarter 2	3.6	16.4	6.5	32.6	897.1	0.0	0.0	0.7	956.9	0%	2%	1%	3%	94%	0%	0%	0%
Quarter 3	11.6	57.0	12.7	47.6	437.7	0.0	0.0	2.1	568.7	2%	10%	2%	8%	77%	0%	0%	0%
Quarter 4	22.6	182.3	15.7	91.8	1169.0	0.0	13.2	11.1	1505.8	2%	12%	1%	6%	78%	0%	1%	1%
First Semester	44.2	176.1	27.9	127.0	1734.1	99.9	6.0	2.2	2217.4	2%	8%	1%	6%	78%	5%	0%	0%
Second Semester	34.3	239.3	28.4	139.4	1606.7	0.0	13.2	13.3	2074.4	2%	12%	1%	7%	77%	0%	1%	1%

*Catch using gears not elsewhere classified such as dropline and reels

TABLE 4.4 Time Series of Catch Statistics for Artisanal Fishery by Species

(Database Closed on 15/10/24)

Country: Seychelles**Semester 1, Years 2018 - 2023**

Species		2018	2019	2020	2021	2022	2023
<i>Creole Name</i>	<i>English Name</i>						
Bekin	Barracuda	130.0	98.9	84.9	104.7	73.8	72.7
Bonit	Bonitos	102.7	96.3	95.3	76.6	108.9	21.4
Bourzwa	Emperor red snapper	221.0	365.1	162.9	225.4	215.0	209.2
Kaptenn	Emperors	141.7	149.2	127.8	132.8	126.5	127.9
Karang	Trevally	1147.6	843.1	799.5	591.4	953.6	652.6
Kordonyen	Rabbitfishes	120.8	159.3	61.5	100.3	79.9	51.6
Krab	Crab	14.6	44.8	1.0	21.2	10.9	6.0
Makro	Other Mackerel	54.7	84.4	6.5	3.0	9.5	0.3
Makro Dou	Indian Mackerel	286.2	360.8	232.0	266.1	325.0	111.1
Reken & Lare	Sharks & Rays	31.9	18.4	15.1	7.2	13.1	8.2
Ton	Tuna	32.3	40.1	28.1	9.2	9.7	31.8
Vyey	Other Groupers	97.1	103.1	81.9	118.1	53.7	91.0
Vyey Makonde	Brown-Spotted Grouper	53.7	76.6	31.2	33.9	26.1	25.9
Zob	Jobfish	382.9	351.4	390.7	308.2	263.0	591.5
Zourit	Octopus	40.8	29.3	7.4	63.1	38.1	44.9
Lezot Pwason Kazye	Other Trap Fish	74.6	128.9	69.7	91.0	119.6	63.8
Lezot Pwason Pelazik	Other Pelagic Fish	9.1	16.6	23.8	5.0	12.3	7.4
Lezot Snappers	Other Snappers	103.7	137.1	139.3	113.4	113.3	93.7
Lezot Pwason	Other Fish nei	10.6	16.1	9.4	11.2	15.9	6.7
Annual Total		3055.8	3119.3	2367.9	2281.7	2567.7	2217.4

Country: Seychelles**Semester 2, Years 2018 - 2023**

Species		2018	2019	2020	2021	2022	2023
<i>Creole Name</i>	<i>English Name</i>						
Bekin	Barracuda	95.5	81.0	45.0	78.4	51.4	46.0
Bonit	Bonitos	40.9	32.9	51.1	47.1	58.9	11.0
Bourzwa	Emperor red snapper	136.7	196.9	162.0	257.3	129.4	129.9
Kaptenn	Emperors	167.5	149.5	119.5	114.5	103.5	91.4
Karang	Trevally	594.6	551.4	658.0	479.6	376.9	886.8
Kordonyen	Rabbitfishes	91.3	108.5	68.4	109.4	89.7	80.6
Krab	Crab	103.1	6.3	8.4	49.9	6.5	13.2
Makro	Other Mackerel	43.2	33.9	27.4	2.0	20.3	3.3
Makro Dou	Indian Mackerel	168.7	277.0	226.4	178.2	195.7	199.1
Reken & Lare	Sharks & Rays	16.4	15.5	7.6	9.5	8.4	8.2
Ton	Tuna	63.8	62.1	40.7	13.6	13.0	29.4
Vyey	Other Groupers	58.3	100.6	69.5	99.5	32.7	64.5
Vyey Makonde	Brown-Spotted Grouper	52.9	65.5	57.5	38.6	22.3	35.9
Zob	Jobfish	262.8	301.2	241.7	330.1	196.7	254.2
Zourit	Octopus	5.7	10.8	18.4	16.1	52.9	35.3
Lezot Pwason Kazye	Other Trap Fish	118.5	133.3	63.5	110.7	77.3	64.6
Lezot Pwason Pelazik	Other Pelagic Fish	29.6	28.9	10.8	6.1	14.2	6.0
Lezot Snappers	Other Snappers	108.9	89.4	76.7	98.0	71.0	97.0
Lezot Pwason	Other Fish nei	15.1	23.4	7.1	13.9	13.6	18.2
Annual Total		2173.4	2267.9	1959.7	2052.4	1534.1	2074.4

Country: Seychelles

Years: 2018 - 2023

Species		2018	2019	2020	2021	2022	2023
<i>Creole Name</i>	<i>English Name</i>						
Bekin	Barracuda	225.6	179.9	130.0	183.1	125.1	118.7
Bonit	Bonitos	143.6	129.2	146.4	123.7	167.8	32.4
Bourzwa	Emperor red snapper	357.7	562.0	324.9	482.6	344.4	339.0
Kaptenn	Emperors	309.2	298.7	247.3	247.2	229.9	219.3
Karang	Trevally	1,742.2	1,394.5	1,457.5	1,071.0	1,330.5	1,539.3
Kordonyen	Rabbitfishes	212.0	267.8	129.9	209.7	169.6	132.2
Krab	Crab	117.7	51.1	9.4	71.2	17.4	19.2
Makro	Other Mackerel	97.9	118.3	33.9	4.9	29.7	3.6
Makro Dou	Indian Mackerel	454.8	637.8	458.4	444.3	520.7	310.2
Reken & Lare	Sharks & Rays	48.3	33.9	22.7	16.7	21.5	16.4
Ton	Tuna	96.1	102.1	68.8	22.8	22.7	61.2
Vyey	Other Groupers	155.4	203.6	151.4	217.7	86.3	155.6
Vyey Makonde	Brown-Spotted Grouper	106.6	142.1	88.7	72.5	48.3	61.8
Zob	Jobfish	645.7	652.6	632.4	638.3	459.7	845.7
Zourit	Octopus	46.5	40.1	25.7	79.2	91.0	80.2
Lezot Pwason Kazye	Other Trap Fish	193.1	262.2	133.2	201.8	196.9	128.5
Lezot Pwason Pelazik	Other Pelagic Fish	38.7	45.5	34.6	11.2	26.5	13.3
Lezot Snappers	Other Snappers	212.6	226.4	216.0	211.3	184.3	190.6
Lezot Pwason	Other Fish nei	25.6	39.6	16.5	25.1	29.5	24.9
Annual Total		5,229.1	5,387.2	4,327.6	4,334.2	4,101.8	4,291.9

TABLE 4.4A Monthly Catch Statistics for Artisanal Fishery by Species

(Database Closed on 15/10/24)

Country: Seychelles

Year: 2022

Species		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total	% Total	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Semester 1	Semester 2
<i>Creole Name</i>	<i>English Name</i>																				
Bekin	Barracuda	7.7	16.7	17.0	9.6	11.2	11.7	3.9	6.4	12.0	6.5	8.7	13.9	125.1	3%	41.3	32.4	22.3	29.0	73.8	51.4
Bonit	Bonitos	12.5	18.5	18.3	18.9	26.5	14.2	6.3	6.6	24.5	14.5	5.4	1.6	167.8	4%	49.3	59.6	37.4	21.5	108.9	58.9
Bourzwa	Emperor red snapper	12.7	23.0	78.2	33.4	43.4	24.3	8.6	7.4	29.4	25.6	45.8	12.6	344.4	8%	114.0	101.0	45.3	84.0	215.0	129.4
Kaptenn	Emperors	17.6	12.2	19.1	16.1	25.6	35.7	15.4	16.9	17.0	17.2	25.8	11.3	229.9	6%	49.0	77.5	49.3	54.2	126.5	103.5
Karang	Trevally	108.8	159.8	127.7	313.8	149.1	94.5	18.8	18.4	126.1	119.9	67.9	25.8	1330.5	32%	396.3	557.4	163.3	213.6	953.6	376.9
Kordonyen	Rabbitfishes	13.5	15.2	23.5	11.1	6.7	9.8	6.4	15.8	14.2	23.4	17.1	12.8	169.6	4%	52.3	27.6	36.4	53.3	79.9	89.7
Krab	Crab	0.0	0.0	6.7	0.0	4.2	0.0	0.0	0.0	0.0	1.0	3.2	2.4	17.4	0%	6.7	4.2	0.0	6.5	10.9	6.5
Makro	Other Mackerel	2.0	2.8	4.3	0.1	0.1	0.1	7.2	2.8	6.8	2.5	0.8	0.2	29.7	1%	9.1	0.4	16.8	3.4	9.5	20.3
Makro Dou	Indian Mackerel	60.2	52.3	167.4	26.7	16.8	1.6	5.4	7.7	12.8	163.4	5.4	1.0	520.7	13%	279.9	45.1	25.8	169.9	325.0	195.7
Reken & Lare	Sharks & Rays	4.5	1.1	1.1	0.8	1.2	4.3	0.7	0.3	0.6	5.7	0.9	0.2	21.5	1%	6.7	6.3	1.6	6.8	13.1	8.4
Ton	Tuna	1.2	1.0	3.2	1.4	1.6	1.3	1.5	1.3	6.6	1.2	1.8	0.7	22.7	1%	5.4	4.3	9.3	3.7	9.7	13.0
Vyey	Other Groupers	3.2	5.3	8.1	9.0	16.0	11.9	5.0	5.7	6.0	3.0	9.1	4.0	86.3	2%	16.7	37.0	16.6	16.1	53.7	32.7
Vyey Makonde	Brown-Spotted Grouper	1.8	2.5	8.5	6.5	3.5	3.3	1.7	2.6	3.0	2.7	8.7	3.6	48.3	1%	12.9	13.2	7.2	15.0	26.1	22.3
Zob	Jobfish	30.0	28.2	48.4	47.6	64.3	44.5	32.4	12.0	36.9	37.1	55.6	22.8	459.7	11%	106.6	156.4	81.2	115.4	263.0	196.7
Zourit	Octopus	4.6	12.0	7.8	10.5	0.9	2.3	0.4	16.9	9.9	22.9	2.0	0.8	91.0	2%	24.4	13.7	27.2	25.8	38.1	52.9
Lezot Pwason Kazye	Other Trap Fish	21.2	16.1	20.2	14.3	9.6	38.2	9.7	9.5	10.2	18.6	15.3	14.1	196.9	5%	57.5	62.1	29.3	48.0	119.6	77.3
Lezot Pwason Pelazik	Other Pelagic Fish	2.2	1.9	3.0	1.6	2.7	0.9	7.4	1.9	1.2	1.8	1.6	0.2	26.5	1%	7.1	5.2	10.6	3.6	12.3	14.2
Lezot Snappers	Other Snappers	13.1	12.3	29.3	31.4	17.3	10.0	12.3	7.9	21.7	13.3	10.0	5.8	184.3	4%	54.7	58.7	41.9	29.1	113.3	71.0
Lezot Pwason	Other Fish nei	1.3	1.9	2.0	1.1	1.0	8.7	1.2	1.0	5.6	3.7	1.4	0.7	29.5	1%	5.2	10.8	7.8	5.7	15.9	13.6
Annual Total		318.2	382.7	594.0	553.9	401.7	317.2	144.3	140.9	344.3	483.9	286.3	134.5	4101.8	100%	1295.0	1272.7	629.5	904.6	2567.7	1534.1

Country: Seychelles

Year: 2023

Species		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total	% Total	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Semester 1	Semester 2
Bekin	Barracuda	19.0	22.9	19.3	8.7	1.5	1.4	6.2	5.1	5.0	6.1	9.2	14.4	118.7	3%	61.1	11.6	16.3	29.6	72.7	46.0
Bonit	Bonitos	1.3	6.9	4.9	4.0	1.1	3.2	0.7	0.9	1.6	2.7	1.7	3.5	32.4	1%	13.1	8.2	3.2	7.9	21.4	11.0
Bourzwa	Emperor red snapper	16.3	23.3	63.6	48.9	16.2	40.9	20.4	8.7	7.7	19.7	48.3	25.1	339.0	8%	103.2	106.0	36.8	93.1	209.2	129.9
Kaptenn	Emperors	12.7	30.6	27.0	26.6	11.9	19.2	12.6	12.2	16.0	16.4	19.3	14.8	219.3	5%	70.3	57.7	40.8	50.6	127.9	91.4
Karang	Trevally	124.2	51.4	102.3	96.4	185.0	93.3	38.9	43.8	65.7	106.8	591.7	39.9	1539.3	36%	277.9	374.7	148.5	738.3	652.6	886.8
Kordonyen	Rabbitfishes	9.4	9.6	16.6	7.0	5.3	3.9	5.1	6.2	14.6	26.7	16.5	11.6	132.2	3%	35.5	16.1	25.9	54.7	51.6	80.6
Krab	Crab	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	6.0	4.8	19.2	0%	6.0	0.0	0.0	13.2	6.0	13.2
Makro	Other Mackerel	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	2.5	0.4	0.3	3.6	0%	0.2	0.1	0.1	3.2	0.3	3.3
Makro Dou	Indian Mackerel	24.8	57.7	13.8	9.2	0.9	4.7	1.3	11.0	26.0	7.2	91.2	62.4	310.2	7%	96.2	14.8	38.3	160.8	111.1	199.1
Reken & Lare	Sharks & Rays	0.7	1.0	2.0	1.4	0.8	2.3	0.4	0.6	0.9	3.1	2.2	1.0	16.4	0%	3.7	4.5	1.8	6.3	8.2	8.2
Ton	Tuna	3.4	9.2	7.1	5.9	2.5	3.7	1.6	5.0	6.8	5.8	3.4	6.8	61.2	1%	19.7	12.1	13.4	16.0	31.8	29.4
Vyey	Other Groupers	13.7	12.6	21.0	19.2	11.8	12.8	10.5	11.2	11.0	4.1	12.1	15.7	155.6	4%	47.3	43.8	32.6	31.9	91.0	64.5
Vyey Makonde	Brown-Spotted Grouper	4.9	1.5	11.7	3.7	1.8	2.3	6.2	4.9	4.3	6.2	11.2	3.1	61.8	1%	18.1	7.8	15.4	20.5	25.9	35.9
Zob	Jobfish	201.4	88.7	66.0	111.3	38.1	86.0	25.8	23.3	45.0	33.1	82.3	44.8	845.7	20%	356.1	235.4	94.1	160.1	591.5	254.2
Zourit	Octopus	10.0	18.8	12.4	0.8	0.1	3.0	2.5	3.1	6.2	5.6	13.7	4.2	80.2	2%	41.1	3.8	11.8	23.5	44.9	35.3
Lezot Pwason Kazye	Other Trap Fish	9.9	12.9	21.5	9.8	6.0	3.7	7.2	9.3	11.2	18.1	11.7	7.2	128.5	3%	44.3	19.6	27.7	36.9	63.8	64.6
Lezot Pwason Pelazik	Other Pelagic Fish	1.2	1.6	1.5	0.9	0.5	1.7	0.4	2.2	0.4	1.7	0.7	0.6	13.3	0%	4.3	3.1	3.0	3.0	7.4	6.0
Lezot Snappers	Other Snappers	11.2	19.4	27.4	13.4	6.9	15.4	10.8	21.2	16.4	10.4	22.1	16.0	190.6	4%	58.0	35.7	48.5	48.5	93.7	97.0
Lezot Pwason	Other Fish nei	1.0	0.9	2.7	0.8	0.6	0.9	1.3	4.2	4.9	4.2	2.1	1.4	24.9	1%	4.5	2.2	10.4	7.8	6.7	18.2
Annual Total		464.9	374.9	420.7	367.9	290.9	298.2	151.7	173.0	244.0	282.5	945.8	277.6	4291.9	100%	1260.5	956.9	568.7	1505.8	2217.4	2074.4

TABLE 4.5 Time Series of Effort Statistics for Artisanal Fishery by Vessel and Gear Type

(Database Closed on 15/10/24)

Country: SEYCHELLES

Semester 1, Years 2018- 2023

Month	Line Fishery (mendays)						Trap Fishery ³ (NO of Traps)					Net Fishery (NO Sets)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
2018	14424	9519	10150	346	1372	35811	56398	610	0	305	57313	45	1346	1391
2019	15407	9241	13706	612	366	39332	60171	0	0	380	60551	37	1881	1918
2020	11277	10010	15402	535	5658	42882	35848	0	0	0	35848	0	1096	1096
2021	9280	12057	15999	488	524	38348	38904	0	0	67	38971	30	1351	1381
2022	10545	10215	15271	669	17	36717	30174	117	120	951	31362	70	1277	1347
2023	7150	14985	22626	291	0	45052	21340	33	0	608	21981	6	567	573

Country: SEYCHELLES

Semester 2, Years 2018 - 2023

Month	Line Fishery (mendays)						Trap Fishery (NO of Traps)					Net Fishery (NO Sets)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
2018	12739	6138	9238	332	1539	29986	60760	1537	0	583	62880	43	714	757
2019	13105	8248	11765	735	527	34380	53010	104	448	83	53645	33	1253	1286
2020	11701	10835	11779	705	1392	36412	40454	0	0	0	40454	30	691	721
2021	9050	14279	19954	239	0	43522	42491	0	0	180	42671	16	570	586
2022	6086	7267	9082	352	0	22787	29239	207	0	188	29634	62	564	626
2023	9253	12336	15287	1130	0	38006	24370	0	0	712	25082	24	822	846

¹ Schooner catches include schooner handline and other gears such as dropline

Country: SEYCHELLES

Years: 2018 - 2023

Month	Line Fishery (mendays)						Trap Fishery (NO of Traps)					Net Fishery (NO Sets)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
2018	27163	15657	19388	678	2911	65797	117158	2147	0	888	120193	88	2060	2148
2019	28512	17489	25471	1347	893	73712	113181	104	448	463	114196	70	3134	3204
2020	22978	20845	27181	1240	7050	79294	76302				76302	30	1787	1817
2021	18330	26336	35953	727	524	81870	81395			247	81642	46	1921	1967
2022	16631	17482	24353	1021	17	59504	59413	324	120	1139	60996	132	1841	1973
2023	16403	27321	37913	1421	0	83058	45710	33		1320	47063	30	1389	1419

¹ Schooner catches include schooner handline and other gears such as dropline

TABLE 4.5A Monthly Effort Statistics for Artisanal Fishery by Vessel and Gear Type

(Database Closed on 15/10/24)

Country: SEYCHELLES
Year: 2022

Month	Line Fishery (mendsays)						Trap Fishery (NO of Traps)					Net Fishery (NO Sets)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
Jan	1725	1421	2453	23	0	5622	4430	0	120	251	4801	5	195	200
Feb	1924	1586	2456	45	0	6011	4768	0	0	141	4909	3	264	267
Mar	2090	1983	3406	216	17	7712	6128	0	0	313	6441	20	415	435
Apr	2123	2270	2620	133	0	7146	5752	0	0	141	5893	18	168	186
May	1494	1636	2716	113	0	5959	4151	0	0	0	4151	12	169	181
Jun	1189	1319	1620	139	0	4267	4945	117	0	105	5167	12	66	78
Jul	921	1387	1621	78	0	4007	4527	0	0	47	4574	3	79	82
Aug	588	628	1453	56	0	2725	3973	0	0	0	3973	21	42	63
Sep	1216	1091	1718	27	0	4052	4414	45	0	59	4518	11	132	143
Oct	1083	1372	1045	43	0	3543	6297	162	0	82	6541	27	212	239
Nov	1442	1675	2277	124	0	5518	5368	0	0	0	5368	0	69	69
Dec	836	1114	968	24	0	2942	4660	0	0	0	4660	0	30	30
Annual	16631	17482	24353	1021	17	59504	59413	324	120	1139	60996	132	1841	1973
Quarter 1	5739	4990	8315	284	17	19345	15326	0	120	705	16151	28	874	902
Quarter 2	4806	5225	6956	385	0	17372	14848	117	0	246	15211	42	403	445
Quarter 3	2725	3106	4792	161	0	10784	12914	45	0	106	13065	35	253	288
Quarter 4	3361	4161	4290	191	0	12003	16325	162	0	82	16569	27	311	338
First Semester	10545	10215	15271	669	17	36717	30174	117	120	951	31362	70	1277	1347
Second Semester	6086	7267	9082	352	0	22787	29239	207	0	188	29634	62	564	626

Country: SEYCHELLES
Year: 2023

Month	Line Fishery (mendsays)						Trap Fishery (NO of Traps)					Net Fishery (NO Sets)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
Jan	1335	2066	4522	29	0	7952	4366	0	0	168	4534	2	161	163
Feb	1350	1732	2017	40	0	5139	4545	0	0	42	4587	0	204	204
Mar	1972	3423	5281	64	0	10740	6549	33	0	262	6844	0	105	105
Apr	1135	2676	4595	125	0	8531	2286	0	0	136	2422	0	37	37
May	600	2498	2854	15	0	5967	2279	0	0	0	2279	4	15	19
Jun	758	2590	3357	18	0	6723	1315	0	0	0	1315	0	45	45
Jul	881	2074	2120	44	0	5119	2622	0	0	0	2622	0	12	12
Aug	1335	2000	2433	241	0	6009	3313	0	0	0	3313	3	58	61
Sep	1412	1465	1451	186	0	4514	4054	0	0	6	4060	5	135	140
Oct	1879	2173	1864	205	0	6121	6056	0	0	266	6322	0	189	189
Nov	2113	2808	5745	107	0	10773	5149	0	0	73	5222	8	235	243
Dec	1633	1816	1674	347	0	5470	3176	0	0	367	3543	8	193	201
Annual	16403	27321	37913	1421	0	83058	45710	33	0	1320	47063	30	1389	1419
Quarter 1	4657	7221	11820	133	0	23831	15460	33	0	472	15965	2	470	472
Quarter 2	2493	7764	10806	158	0	21221	5880	0	0	136	6016	4	97	101
Quarter 3	3628	5539	6004	471	0	15642	9989	0	0	6	9995	8	205	213
Quarter 4	5625	6797	9283	659	0	22364	14381	0	0	706	15087	16	617	633
First Semester	7150	14985	22626	291	0	45052	21340	33	0	608	21981	6	567	573
Second Semester	9253	12336	15287	1130	0	38006	24370	0	0	712	25082	24	822	846

¹ Schooner catches include schooner handline and other gears such as dropline

TABLE 4.6 Time Series CPUE Statistics for Artisanal Fishery by Vessel and Gear Type

(Database Closed on 15/10/24)

Country: SEYCHELLES

Semester 1, Years: 2018 - 2023

Month	Line Fishery CPUE (kg/Men day)						Trap Fishery CPUE (kg/ Trap)					Net Fishery CPUE (kg/Set)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
2018	55.6	62.2	71.3	43.1	35.2	60.9	3.9	8.8	0.0	3.7	4.0	203.1	432.3	424.9
2019	52.3	59.6	48.6	34.7	9.0	52.1	5.3	0.0	0.0	2.4	5.3	421.1	354.0	355.3
2020	53.9	28.7	57.2	42.4	13.5	43.7	4.4	0.0	0.0	0.0	4.4	0.0	296.6	296.6
2021	49.4	43.5	36.1	48.2	27.4	41.7	6.1	0.0	0.0	14.2	6.1	222.0	262.0	261.2
2022	73.4	38.9	39.0	44.2	61.2	48.9	8.2	32.8	11.4	5.4	8.2	669.7	327.1	344.9
2023	32.4	35.5	46.8	37.8	0.0	40.7	6.9	4.2	0.0	10.9	7.0	30.0	313.7	310.7

Country: SEYCHELLES

Semester 2, Years: 2018- 2023

Month	Line Fishery CPUE (kg/Men day)						Trap Fishery CPUE (kg/ Trap)					Net Fishery CPUE (kg/Set)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
2018	38.2	69.5	57.8	27.1	34.0	50.3	3.8	7.6	0.0	4.5	3.9	394.4	414.1	413.0
2019	38.2	45.8	54.3	18.9	88.8	45.9	4.5	5.8	7.2	10.4	4.6	136.4	336.2	331.1
2020	48.8	34.0	40.6	23.7	33.4	40.7	3.9	0.0	0.0	0.0	3.9	563.3	400.9	407.6
2021	53.1	19.6	35.7	36.2	0.0	34.1	6.4	0.0	0.0	8.2	6.4	157.5	403.7	397.0
2022	37.5	55.8	22.6	30.8	0.0	37.3	7.0	34.4	0.0	9.1	7.2	511.3	665.9	650.6
2023	37.4	26.4	59.9	16.9	0.0	42.3	6.8	0.0	0.0	4.0	6.7	50.0	303.2	296.0

Country: SEYCHELLES

Years: 2018 - 2023

Month	Line Fishery CPUE (kg/Men day)						Trap Fishery CPUE (kg/ Trap)					Net Fishery CPUE (kg/Set)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
2018	47.4	65.1	64.9	35.3	34.6	56.1	3.8	8.0	0.0	4.2	3.9	296.6	426.0	420.7
2019	45.8	53.1	51.2	26.1	56.1	49.2	4.9	5.8	7.2	3.80	4.9	286.9	346.9	345.6
2020	51.3	31.4	50.1	31.8	17.4	42.3	4.1	0.0	0.0	0.00	4.1	563.3	336.9	340.7
2021	51.2	30.5	35.9	44.3	28.8	37.6	6.3	0.0	0.0	9.80	6.3	199.6	304.1	301.6
2022	60.3	45.9	32.8	39.6	61.2	44.5	7.6	33.8	11.4	6.01	7.7	595.3	430.9	441.9
2023	35.2	31.4	52.1	21.2	0.0	41.4	6.8	4.2	0.0	7.15	6.9	46.0	307.4	301.9

TABLE 4.6A Monthly CPUE Statistics for Artisanal Fishery by Vessel and Gear Type

(Database Closed on 15/10/24)

Country: SEYCHELLES

Year: 2022

Month	Line Fishery CPUE (kg/Men day)						Trap Fishery CPUE (kg/ Trap)					Net Fishery CPUE (kg/Set)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
Jan	54.1	29.8	23.5	11.7	0.0	34.4	9.5	0.0	11.4	5.9	9.3	636.0	369.6	376.3
Feb	48.6	30.1	45.2	13.8	0.0	42.1	8.1	0.0	0.0	5.5	8.1	933.3	285.3	292.5
Mar	56.9	33.3	42.1	22.9	61.2	43.4	8.3	0.0	0.0	5.5	8.1	792.0	425.0	441.9
Apr	140.1	26.1	38.8	76.8	0.0	65.5	5.1	0.0	0.0	4.8	5.1	596.7	203.4	241.5
May	77.2	63.3	40.6	82.6	0.0	56.8	4.7	0.0	0.0	0.0	4.7	596.7	187.3	214.5
Jun	46.7	59.1	43.9	30.2	0.0	48.9	13.4	32.8	0.0	4.7	13.7	596.7	426.5	452.7
Jul	25.5	32.6	13.4	38.5	0.0	23.3	4.7	0.0	0.0	6.8	4.7	433.3	307.5	312.1
Aug	28.2	33.7	17.4	23.4	0.0	23.6	8.9	0.0	0.0	0.0	8.9	571.4	278.6	376.2
Sep	40.5	76.3	20.1	46.3	0.0	41.6	6.8	32.0	0.0	6.6	7.0	563.6	970.5	939.2
Oct	45.8	78.7	45.3	27.7	0.0	58.2	7.7	35.1	0.0	12.2	8.4	451.9	879.2	830.9
Nov	41.1	58.7	26.4	28.3	0.0	40.1	6.8	0.0	0.0	0.0	6.8	0.0	315.2	315.2
Dec	35.9	44.6	16.4	23.8	0.0	32.7	6.8	0.0	0.0	0.0	6.8	0.0	111.3	111.3
Annual	60.3	45.9	32.8	39.6	61.2	44.5	7.6	33.8	2.9	6.0	7.7	595.3	430.9	441.9
Quarter 1	53.2	31.1	36.9	16.1	61.2	40.0	8.6	0.0	11.4	5.6	8.5	787.1	360.0	370.2
Quarter 2	88.0	49.5	41.1	63.2	0.0	57.1	7.7	32.8	0.0	4.7	7.8	596.7	272.4	302.9
Quarter 3	31.4	47.5	17.0	36.1	0.0	29.5	6.8	32.0	0.0	6.7	6.9	522.8	518.8	542.5
Quarter 4	40.9	60.7	29.4	26.6	0.0	43.6	7.1	35.1	0.0	12.2	7.4	451.9	435.2	419.2
First Semester	70.6	40.3	39.0	39.7	61.2	48.5	8.2	32.8	11.4	5.3	8.2	691.9	316.2	336.6
Second Semester	36.2	54.1	23.2	31.3	0.0	36.6	7.0	33.5	#DIV/0!	8.5	7.1	505.1	477.0	480.8

Country: SEYCHELLES

Year: 2023

Month	Line Fishery CPUE (kg/Men day)						Trap Fishery CPUE (kg/ Trap)					Net Fishery CPUE (kg/Set)		
	Outboard	Whaler	Schooner ¹	Others	Semi-Industrial Longliner ²	Total	Outboard	Whaler	Schooner	Others	Total	Pirogue	Outboard	Total
Jan	31.5	34.8	51.0	23.4	0.0	43.4	5.9	0.0	0.0	6.7	5.9	10.0	514.0	507.8
Feb	26.5	27.4	85.2	39.5	0.0	49.9	6.9	0.0	0.0	6.7	6.9	0.0	304.3	304.3
Mar	31.5	25.2	34.8	42.7	0.0	31.2	8.1	4.2	0.0	15.5	8.4	0.0	155.0	155.0
Apr	42.2	47.5	34.5	38.7	0.0	39.7	7.8	0.0	0.0	8.6	7.8	0.0	260.0	260.0
May	33.0	34.5	59.7	35.3	0.0	46.4	5.5	0.0	0.0	0.0	5.5	40.0	90.7	80.0
Jun	32.0	43.7	42.8	35.6	0.0	41.9	5.8	0.0	0.0	0.0	5.8	0.0	128.2	128.2
Jul	28.3	17.8	29.7	114.3	0.0	25.4	6.7	0.0	0.0	0.0	6.7	0.0	155.8	155.8
Aug	28.0	25.6	18.3	14.0	0.0	22.7	4.6	0.0	0.0	0.0	4.6	33.3	287.2	274.8
Sep	40.1	55.2	21.6	14.4	0.0	38.0	6.7	0.0	0.0	33.3	6.8	40.0	287.5	278.6
Oct	45.8	23.3	33.7	16.1	0.0	33.2	8.7	0.0	0.0	3.2	8.4	0.0	93.3	93.3
Nov	35.9	27.4	109.8	10.5	0.0	72.9	6.1	0.0	0.0	3.2	6.1	42.5	466.3	452.3
Dec	39.8	16.3	49.6	10.4	0.0	33.1	6.6	0.0	0.0	4.2	6.4	70.0	334.9	324.4
Annual	35.2	31.4	52.1	21.2	0.0	41.4	6.8	4.2	314.8	7.2	6.9	46.0	307.4	301.9
Quarter 1	29.8	29.1	57.0	35.2	0.0	41.5	7.0	4.2	0.0	9.6	7.1	10.0	324.4	322.4
Quarter 2	35.7	41.9	45.7	36.5	0.0	42.7	6.4	0.0	0.0	8.6	6.4	40.0	159.6	156.1
Quarter 3	32.1	32.9	23.2	47.6	0.0	28.7	6.0	0.0	0.0	33.3	6.0	36.7	243.5	236.4
Quarter 4	40.5	22.3	64.4	12.3	0.0	46.4	7.1	0.0	0.0	3.5	7.0	56.3	298.2	290.0
First Semester	32.8	35.5	51.3	35.9	0.0	42.1	6.7	4.2	0.0	9.3	6.7	25.0	242.0	239.2
Second Semester	36.3	27.6	43.8	29.9	0.0	37.5	6.6	0.0	0.0	11.0	6.5	46.5	270.8	263.2

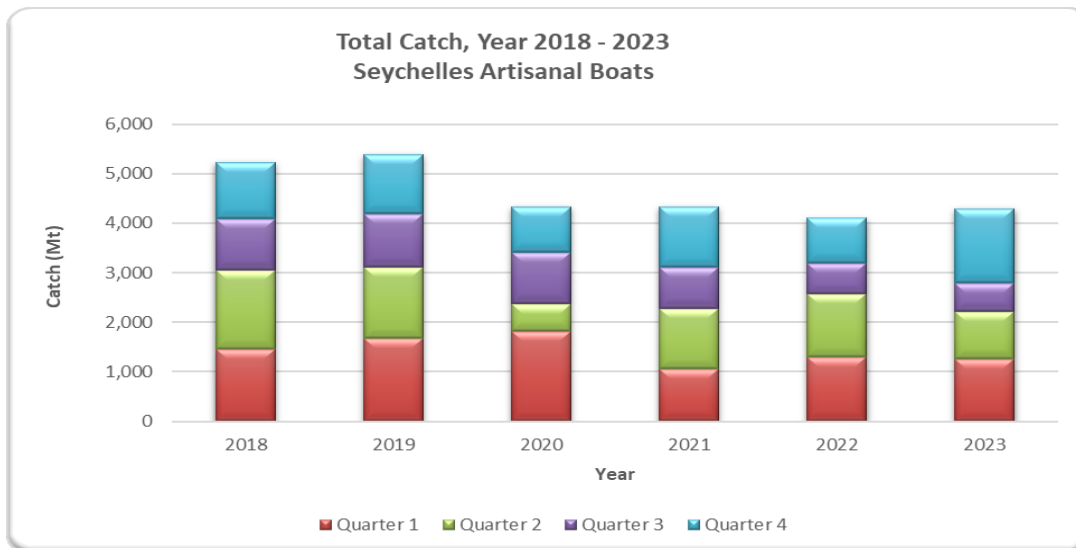


Figure 4A: Artisanal fishery Total Catch, Years 2018 - 2023

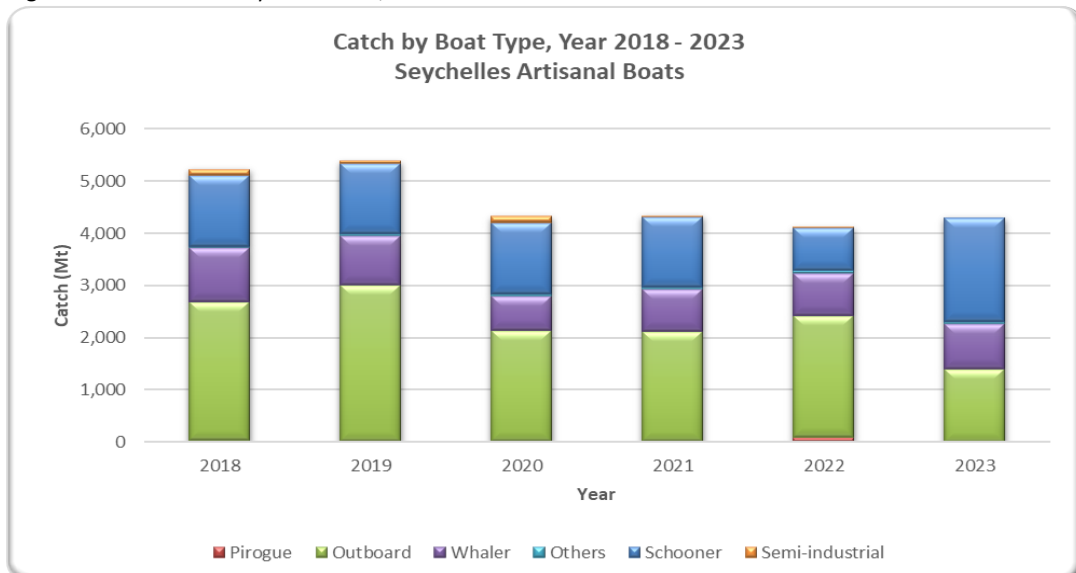


Figure 4B: Artisanal fishery Catch by Vessel Type, Years 2018 - 2023



Figure 4C: Artisanal fishery Catch by Gear Type, Years 2018 - 2023

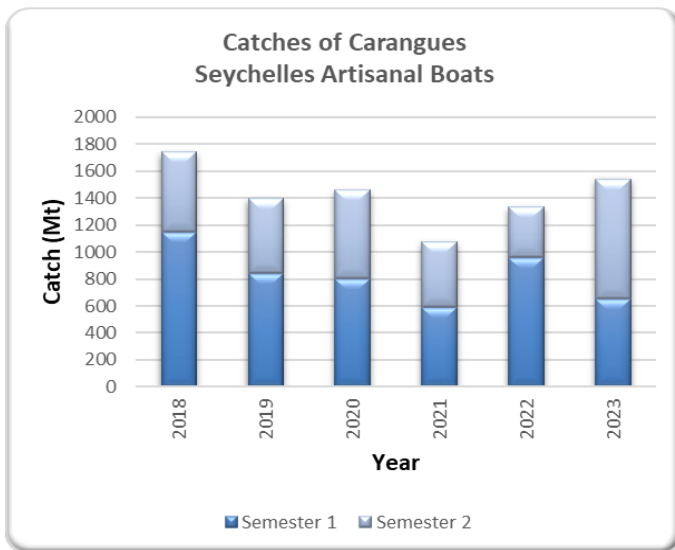


Figure 4D: Catches of Carangues, Years 2018-2023

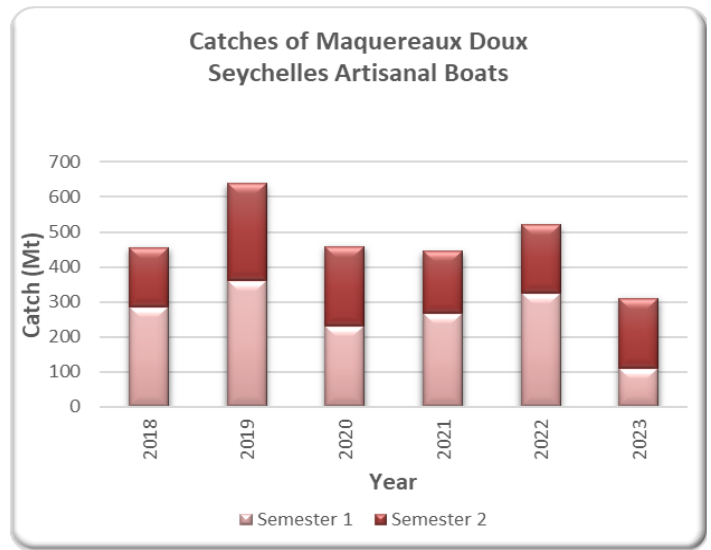


Figure 4E: Catches of Maquereau doux, Years 2018-2023

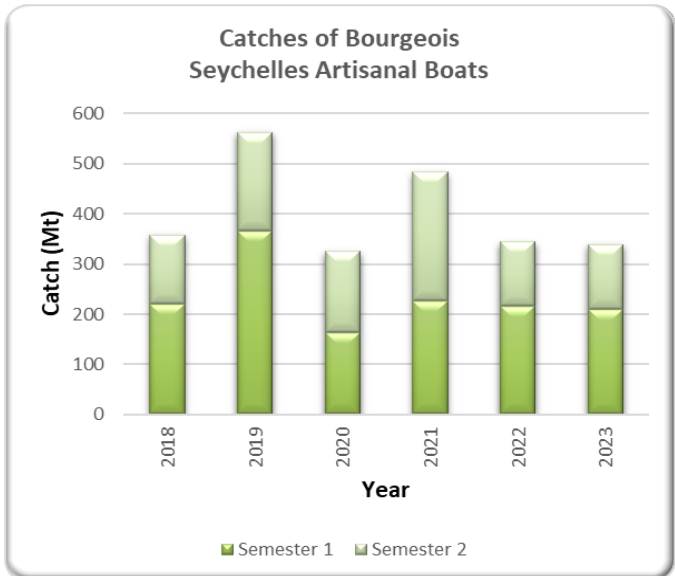


Figure 4F: Catches of bourgeois, Years 2018-2023

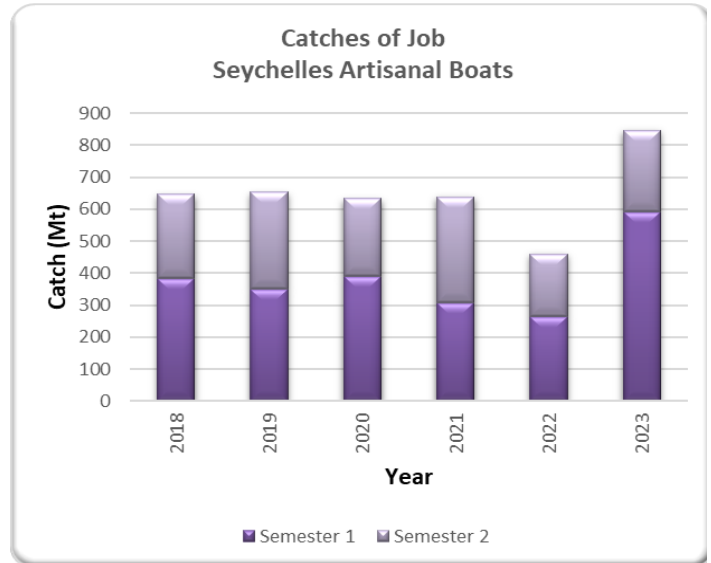


Figure 4G: Catches of job, Years 2018-2023

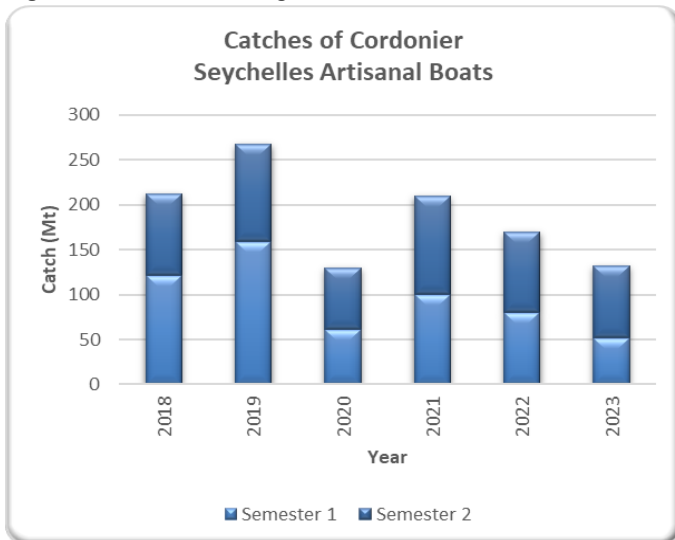


Figure 4H: Catches of cordonier, Years 2018-2023

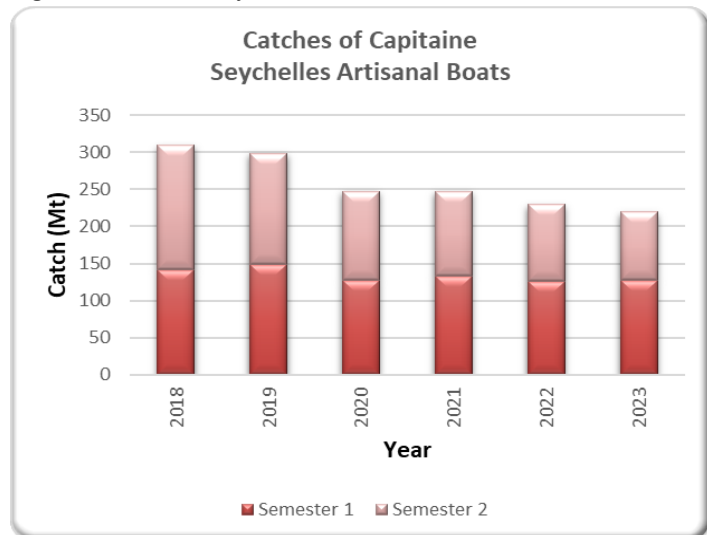


Figure 4I: Catches of capitaine, Years 2018-2023

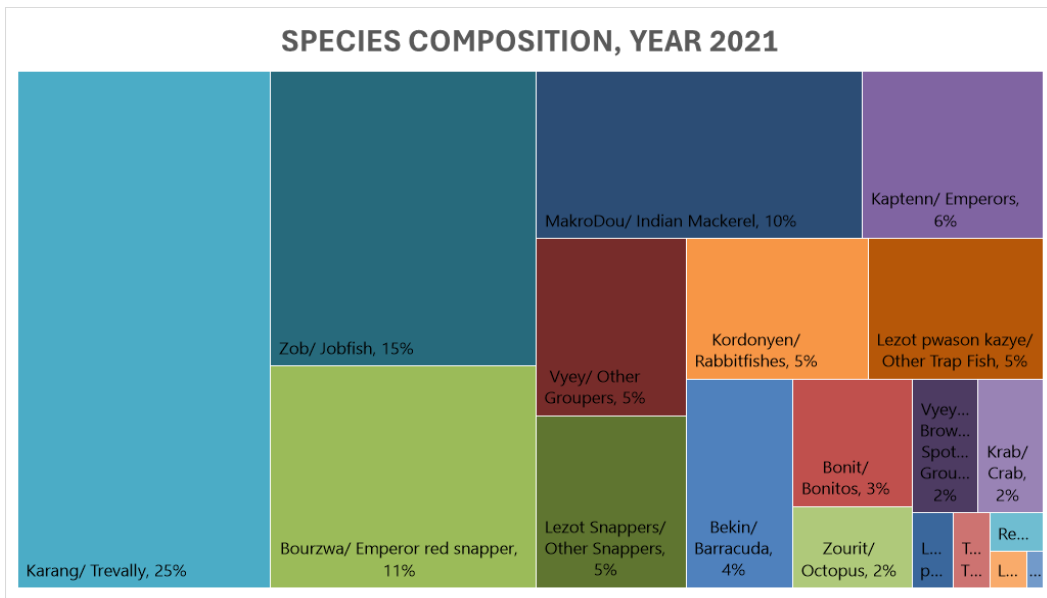


Figure 4J: Artisanal fishery Catch by Species, Year 2021

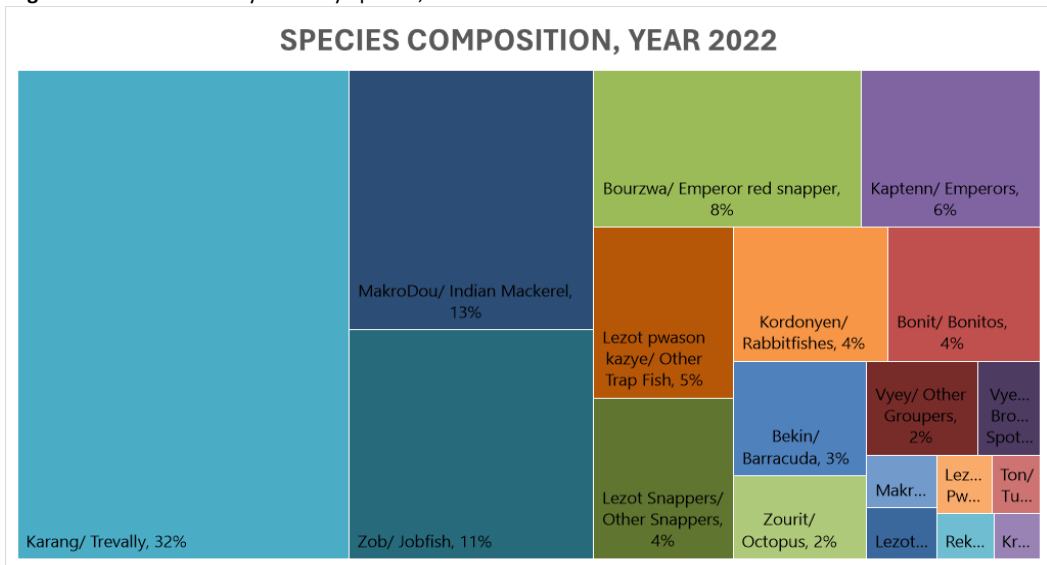


Figure 4K: Artisanal fishery Species composition of catches, Year 2022

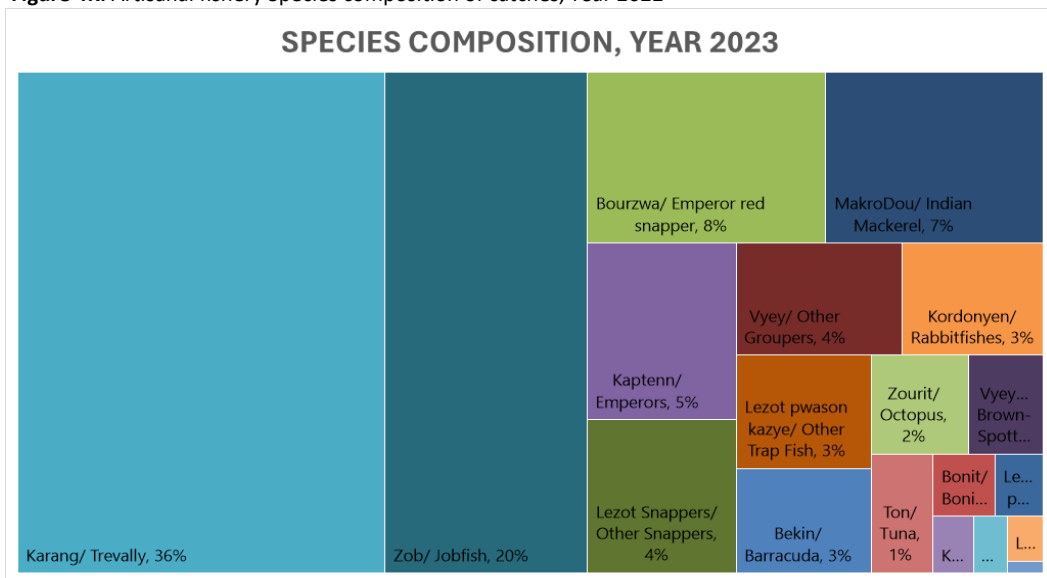


Figure 4L: Artisanal fishery Species composition of catches, Year 2023

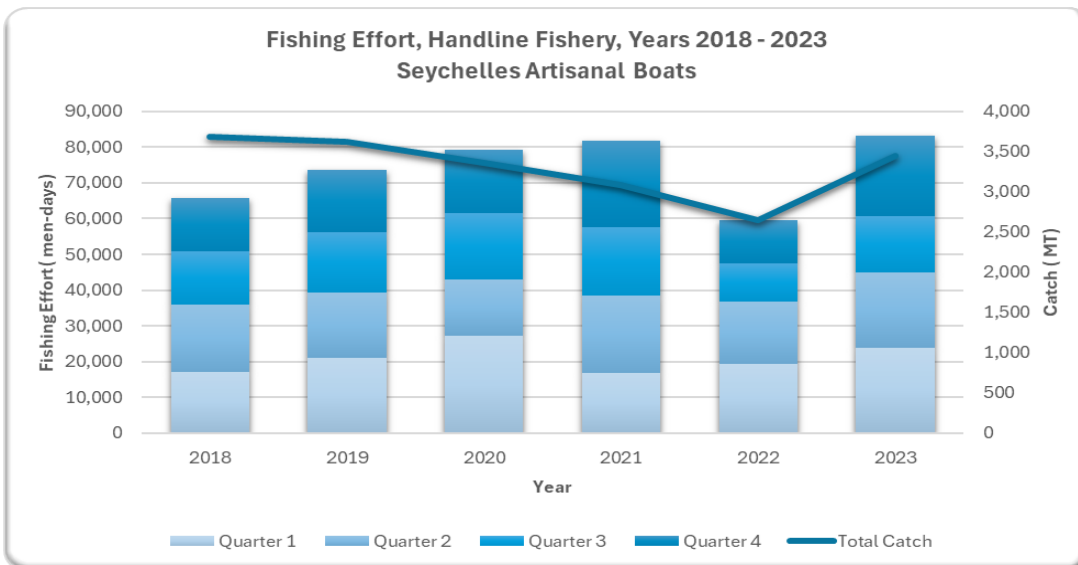


Figure 4M: Artisanal handline fishery, fishing effort, *Years 2018- 2023*

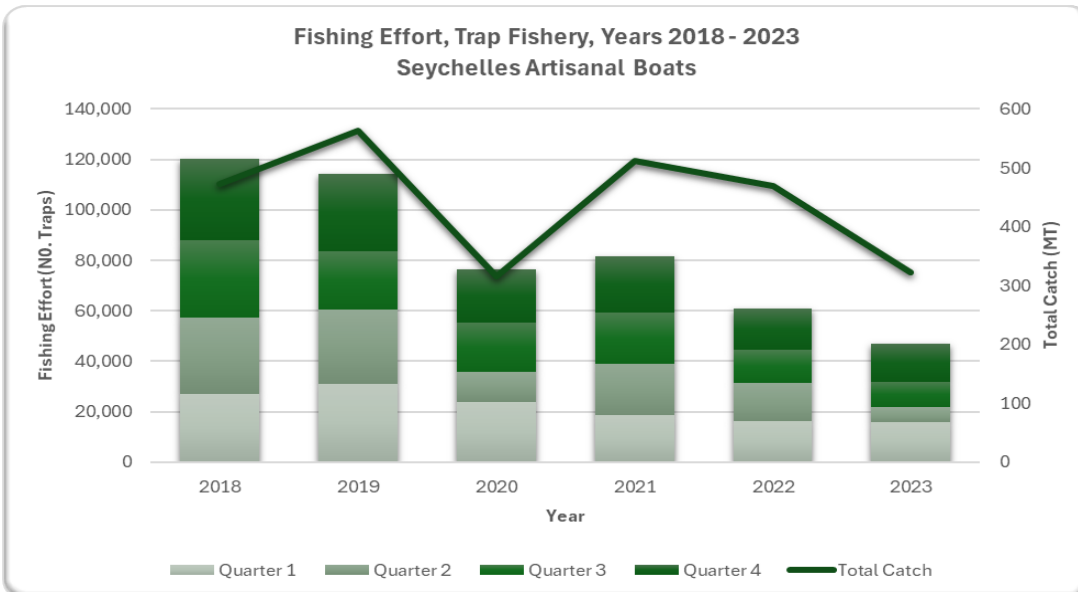


Figure 4N: Artisanal trap fishery, fishing effort, *Years 2018 - 2023*

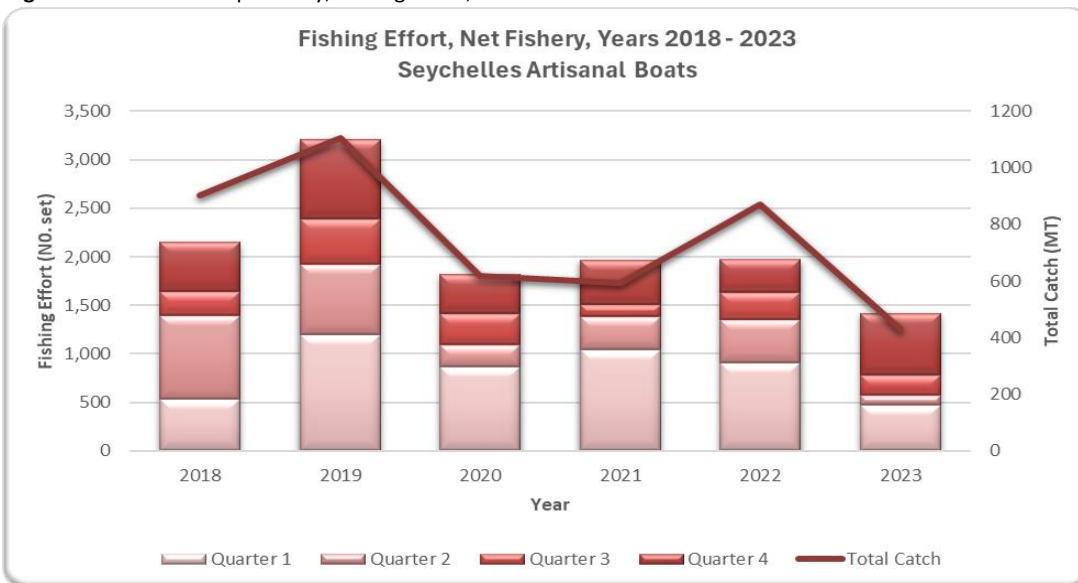


Figure 4O: Artisanal net fishery, fishing effort, *Years 2018 - 2023*

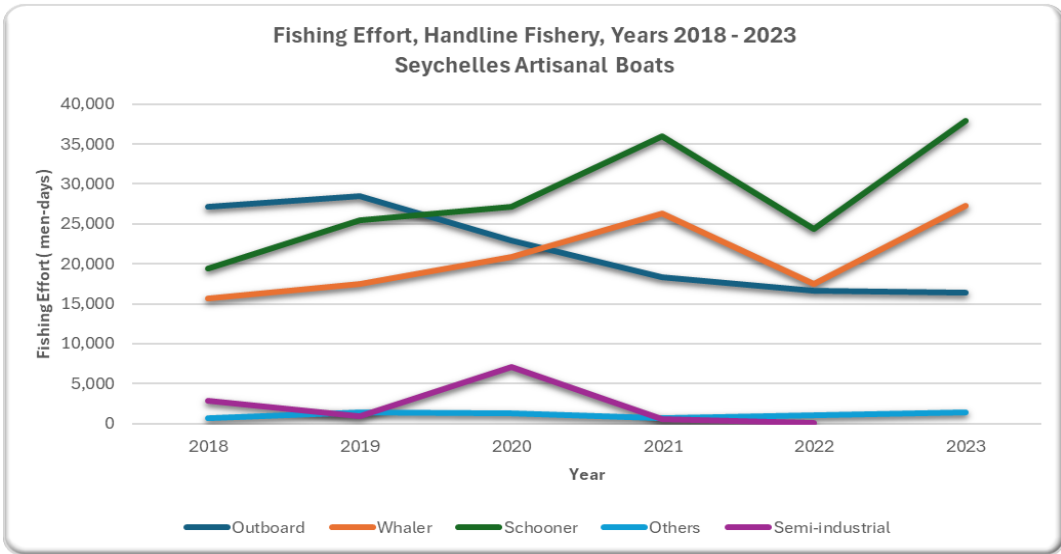


Figure 4P: Artisanal handline fishery, fishing effort by vessel Type, Years 2018 - 2023

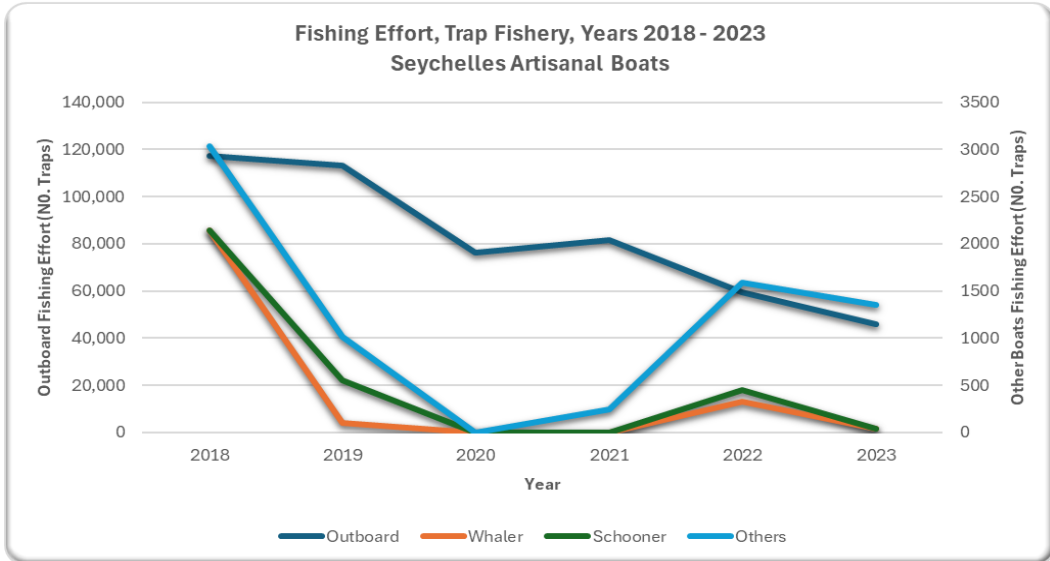


Figure 4Q: Artisanal trap fishery, fishing effort by vessel type, Years 2018 - 2023

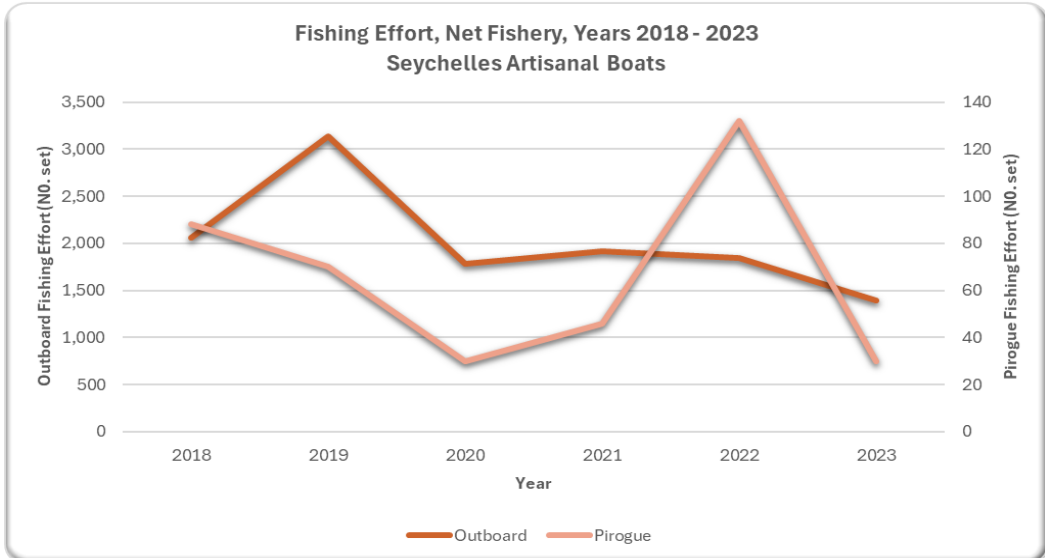


Figure 4R: Artisanal net fishery, fishing effort by vessel Type, Years 2018 - 2023

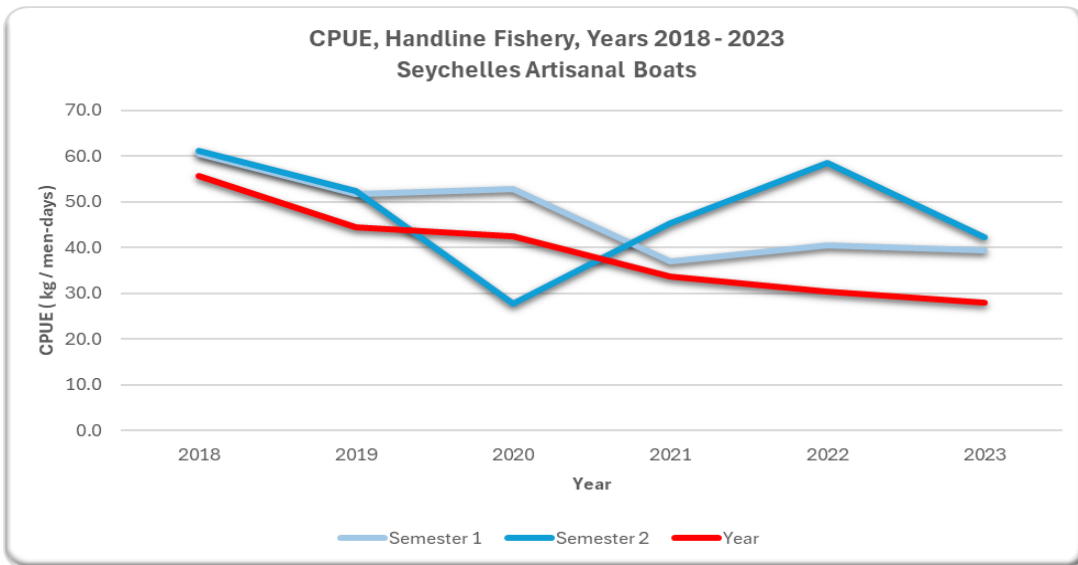


Figure 4S: Artisanal handline fishery CPUE, Years 2011 - 2021

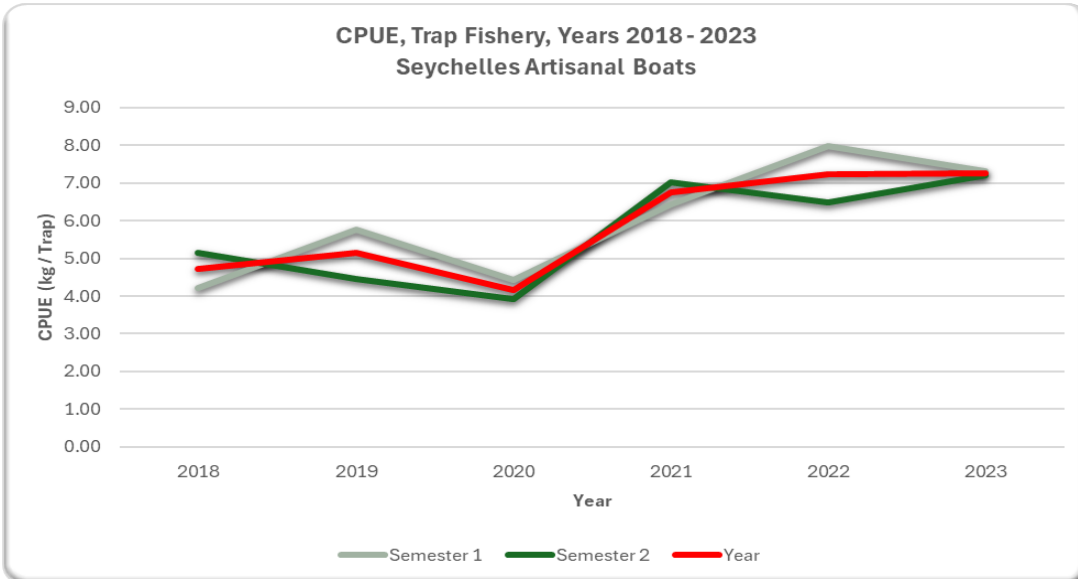


Figure 4T: Artisanal trap fishery CPUE, Years 2011 - 2021

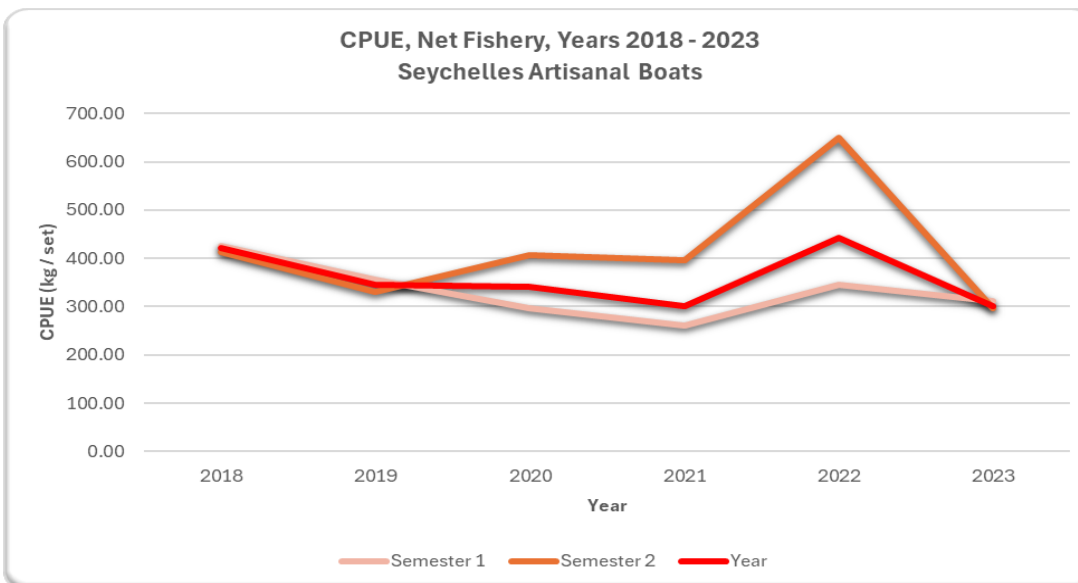


Figure 4U: Artisanal net fishery CPUE, Years 2011 - 2021

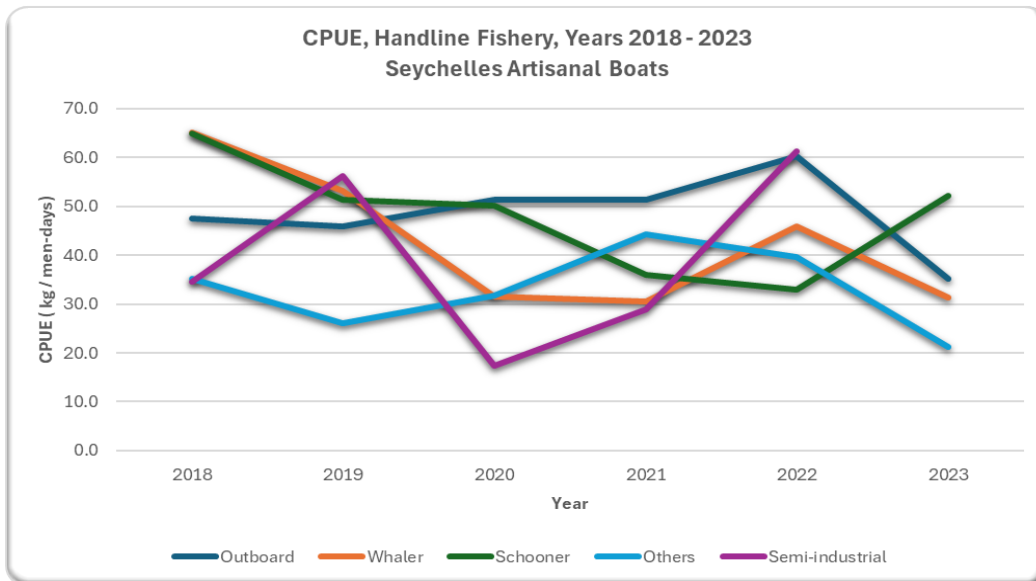


Figure 4V: Artisanal handline fishery CPUE by vessel Type, Years 2018 - 2023

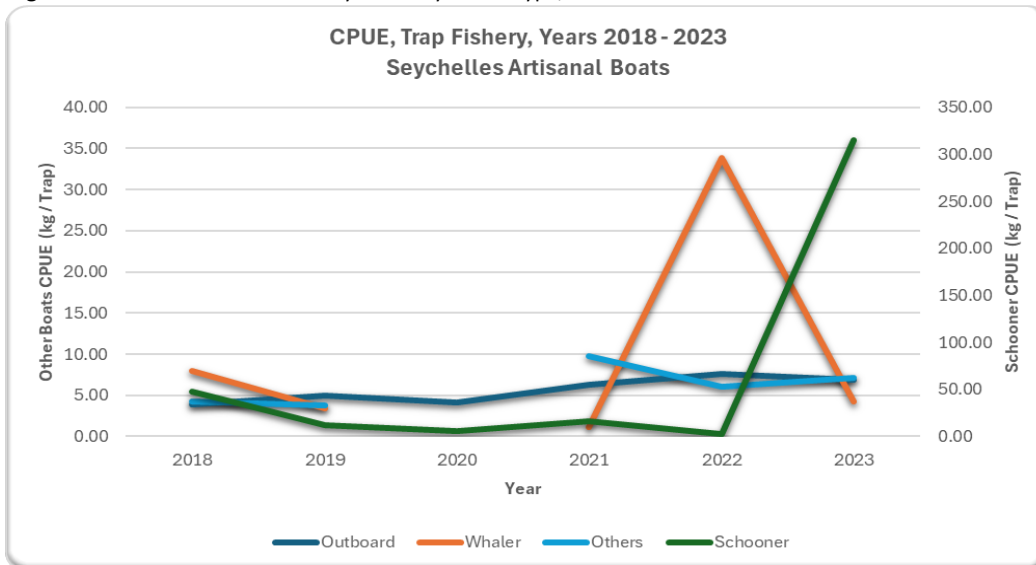


Figure 4W: Artisanal trap fishery CPUE by vessel type, Years 2018 - 2023

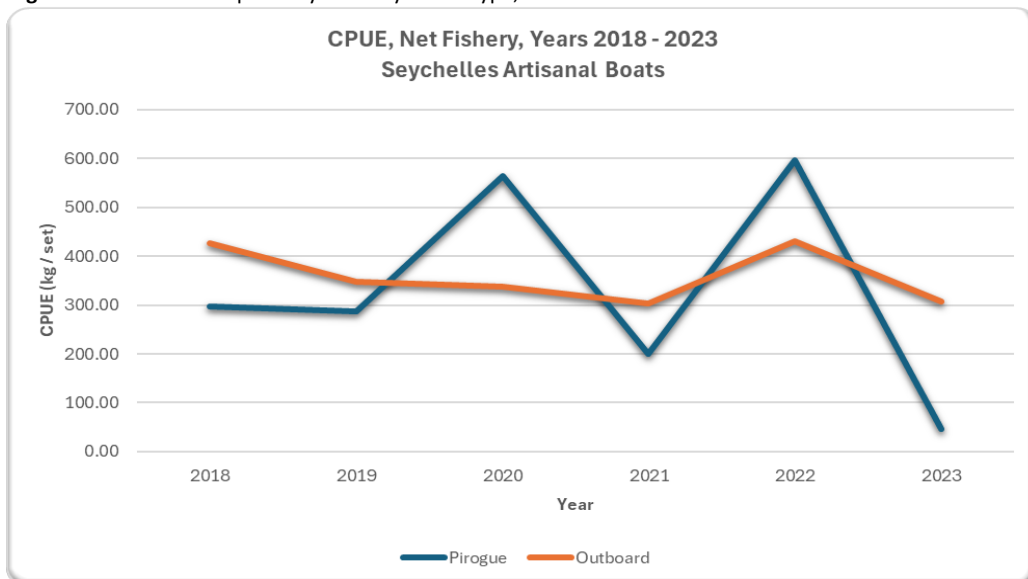


Figure 4X: Artisanal net fishery CPUE by vessel Type, Years 2018 - 2023

Sea Cucumber Fishery

5. Sea Cucumber Fishery

5.1 Catch

In the 2022/2023 fishing season, landings totaled 230,248 sea cucumbers. The Flower teatfish made up the largest share with 194,390, followed by Prickly redfish with 26,925 and Golden Sandfish with 8,933. Compared to the 2020/2021 season, this represents a 7.3% decrease for Flower teatfish and a 10.7% decrease for Prickly redfish (refer to Table 5.1). Data for White Teatfish is unavailable for the 2022/2023 season as it was replaced by Golden Sandfish. For the 2022/2023 season, the percentage of the assigned quota reached was 80.4% for Flower teatfish, 59.8% for Prickly redfish, and 8.9% for Golden Sandfish.

The total sea cucumber catch has fluctuated over the past ten seasons, with the highest catch of 582,411 pieces recorded in 2012-2013 and the lowest of 230,248 pieces in the 2022/2023 season, representing a 20.5% decline from the previous season, 2021/2022.

5.2 Effort

Over the years, fishing efforts have increased, but there has been a recent downward trend. In the 2022/2023 season, 127 trips were completed, reflecting a 10% decrease from the 2021/2022 season and a reduction of 26 trips compared to the 2020/2021 season. The 2016/2017 season had the fewest trips, with 116, while the 2019/2020 season had the most, with 157 trips. On average, vessels make 7 trips per fishing season (see Table 5.2).

Table 5.1: Sea Cucumber landings by species and fishing seasons.

Species	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Flower Teatfish	376983	273357	275069	251029	213000	193103	177929	268047	243169	209618	194390
White Teatfish	73051	81892	60206	53213	47986	47862	50249	66491	53241	49908	-
Prickly Redfish	75548	52095	34295	33821	30711	32130	37554	37061	38494	30140	26925
Black Teatfish	9377	8200	4715	7731	5089	1029	-	-	-	-	-
Spork	42885	21592	28272	25734	25082	3254	-	-	-	-	-
Brown Sandfish	35	0	0	0	0	0	-	-	-	-	-
Sandfish	265	290	226	123	136	12	-	-	-	-	-
Elephant Trunkfish	735	0	0	0	0	0	-	-	-	-	-
Red Surfsh	3259	66	0	0	5510	0	-	-	-	-	-
Yellow Surfsh	273	0	0	0	0	0	-	-	-	-	-
Golden Sandfish											8933
Total Catch	582,411	437,492	402,783	371,651	327,714	277,390	265,732	371,599	334,904	289,666	230,248

Table 5.2: Sea cucumber fishery effort in number of trips per fishing season (2013/2014-2022/2023)

Seasons	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Trips (Number)	155	150	136	116	124	131	157	155	141	127

Lobster Fishery

6. SUMMARY OF LOBSTER FISHERY

6.1. Catch

The overall lobster catch for the 2023 fishing season was 3.32 MT compared to 2.05 MT in 2021/2022 and 6.14 MT in the 2020/2021 season, representing a 62% increase and 46% decrease, respectively. The lobster fishery catch fluctuates from season to season. The highest catch of 6.14 MT was recorded in the 2020/2021 season, whereas the lowest catch of 0.61 MT was recorded in the 2013/2014 season (Table 6.1). Some seasons of the lobster fishery remained closed due to declines in stock indicators that are monitored during the fishery and fishery-independent surveys. A notable peak in catch was recorded in 2019/2020 following a two-year closure. The 2023 catch was 21% lower than the historical mean of 4.20 MT.

In terms of catch composition for the targeted species, historically, *P. penicillatus* dominated the catch for all seasons with an average of 2.8 MT per season, followed by *P. longipes* with an average of 1.0 MT per season. In the 2023 fishing season, a total of 2.21 MT of *P. penicillatus* was recorded, representing 66.8% of the total catch. For the same period, *P. longipes* contributed to 1.0 MT or 29.6% of the total catch. *P. versicolor* and *P. ornatus* were less abundant, with catches of 0.07 MT (2.2%) and 0.05 MT (1.4%), respectively (Table 6.1, Figure 6A). Snorkelling was the predominant fishing method, accounting for 95% of the total catch (Table 6.2, Figure 6B).

6.2. Effort

A total of 135 fishing trips were recorded during the 2023 fishing season compared to 103 trips in 2021/2022 and 242 trips in 2020/2021, representing an increase of 31% and a decrease of 44%, respectively (Table 6.3).

6.3. Catch per unit effort

The overall CPUE for the 2023 fishing season was 24.6 kg/trip compared to 19.9 kg/trip for 2021/2022 and 25 kg/trip for 2020/2021. The 2023 CPUE was 27% higher than the historical mean of 19.3 MT, reflecting a 24% increase compared to the 2021/2022 season and a 3% decrease compared to the 2020/2021. CPUE varied over the years; the highest CPUE recorded was 27.65 kg/trip in the 2019/2020 season, while the lowest was 10.14 kg/trip in 2012/2013 (Table 6.3).

Table 6.1: Lobster catch in metric tonnes by species and seasons.

Season: 2012/2013 – 2023

Species	2012/2013	2013/2014	2015/2016	2016/2017	2019/2020	2020/2021	2021/2022	2023
<i>Panulirus penicillatus</i>	1.4	0.4	4.1	3.2	4.5	4.8	1.50	2.22
<i>Panulirus longipes</i>	0.7	0.2	0.8	0.8	0.8	1.0	0.50	1.0
<i>Panulirus versicolor</i>	0.02	0.002	0.04	0.1	0.1	0.3	0.04	0.07
<i>Panulirus ornatus</i>	0.01	0.00	0.01	0.004	0.002	0.01	0.00	0.05
Total	2.1	0.6	5.0	4.1	5.4	6.1	2.05	3.32

Table 6.2: Lobster catch in metric tonnes by gear and seasons

Fishing method	2012/2013	2013/2014	2015/2016	2016/2017	2019/2020	2020/2021	2021/2022	2023
Snorkelling	2.0	0.6	5.0	4.0	5.4	5.8	2.03	3.17
Scuba	0.01					0.2	0.02	0.13
Traps	0.1			0.1				
Scuba and Snorkelling	0.01				0.04	0.2		0.02
Other								
Total	2.1	0.6	5.0	4.1	5.4	6.1	2.05	3.32

Table 6.3: Lobster fishery effort and CPUE by fishing seasons

Seasons	Trips (Number)	CPUE (kg/trip)
2012/2013	208	10.14
2013/2014	33	18.44
2015/2016	219	22.76
2016/2017	238	17.30
2019/2020	196	27.65
2020/2021	242	25.37
2021/2022	103	19.9
2023	135	24.6

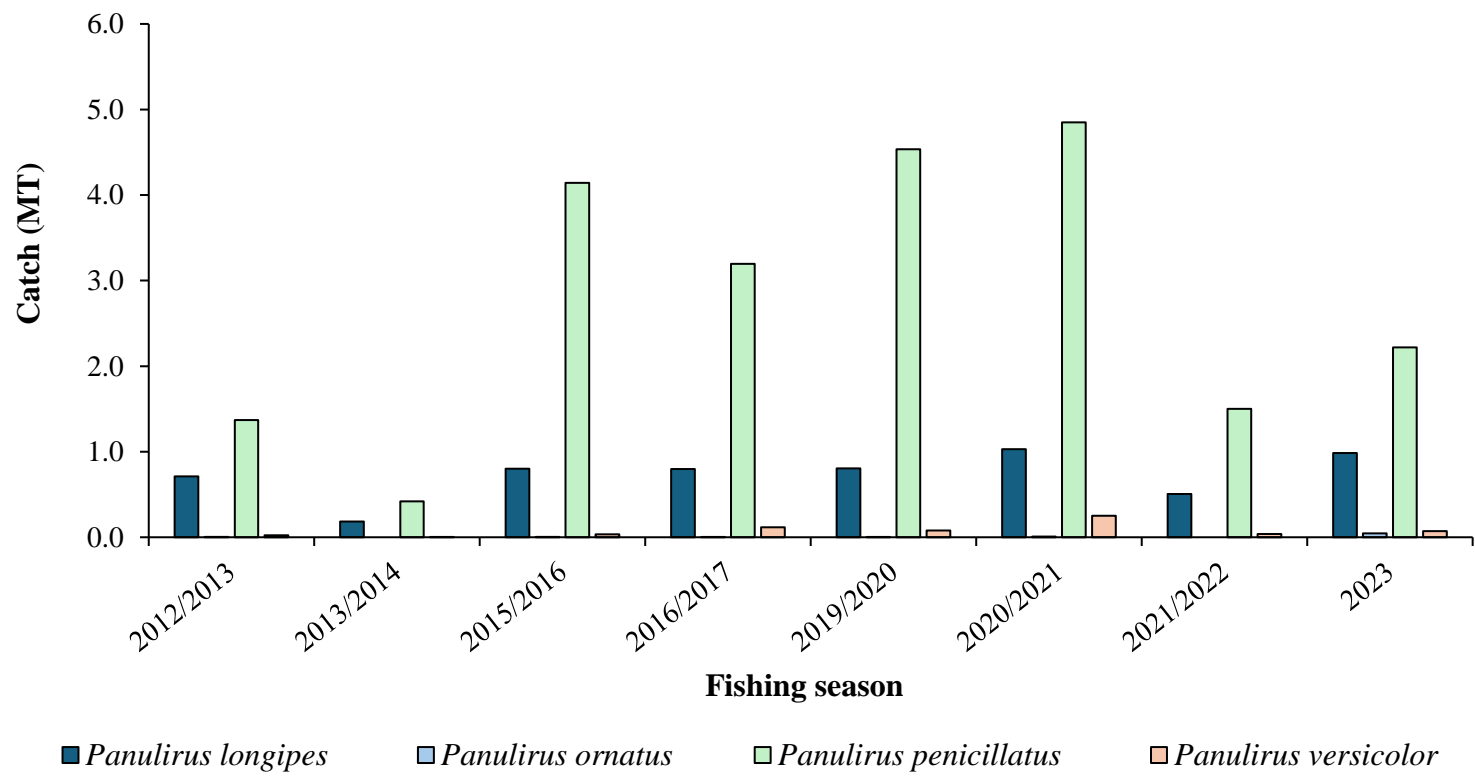


Figure 6A: Lobster catch in metric tonnes by species and seasons.



Figure 6B: Lobster catch in metric tonnes by gears and seasons.