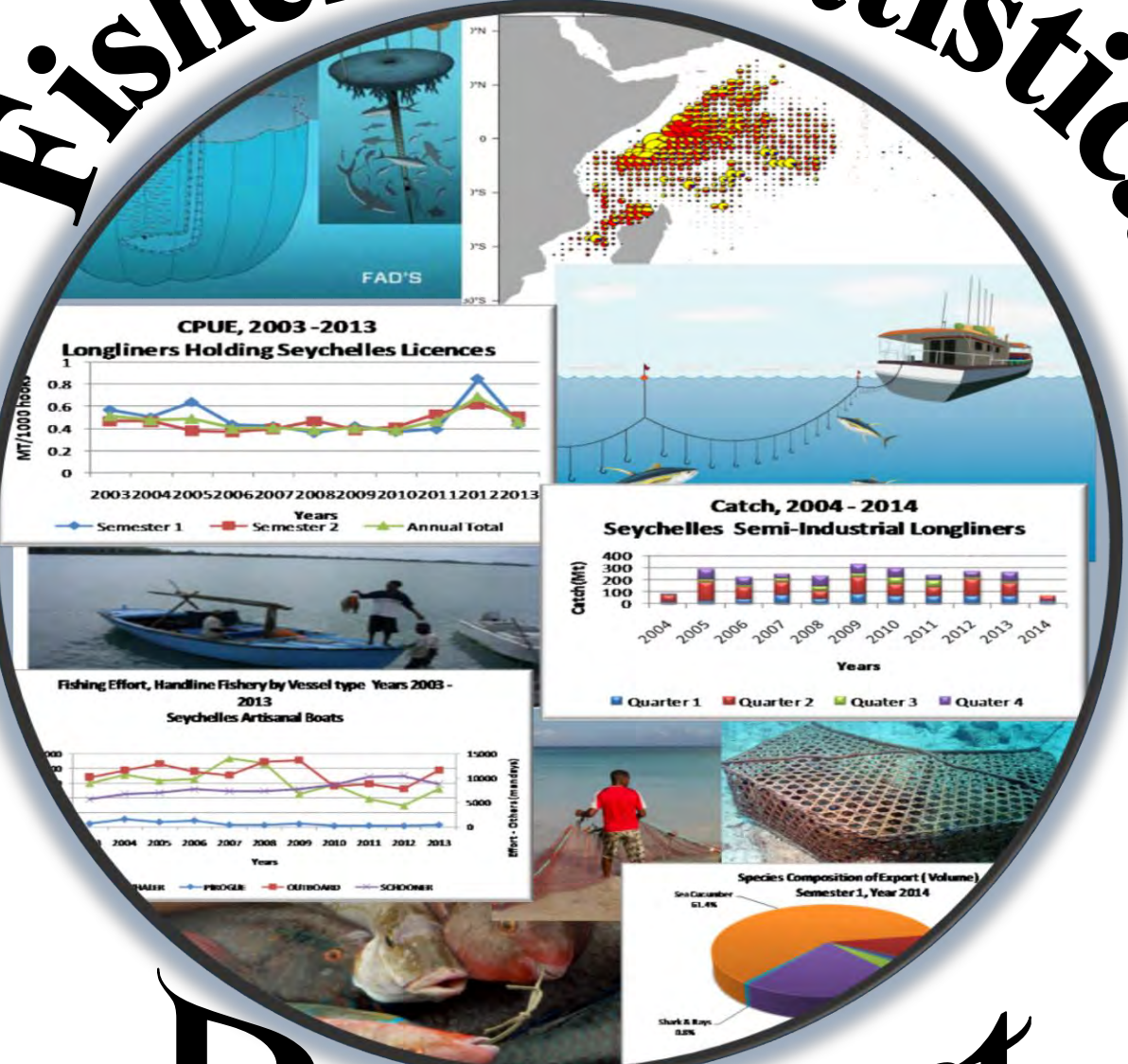




SEYCHELLES FISHING AUTHORITY

Fisheries Statistics



Report

Semester 1, Year 2020

Fisheries Statistical Report

Semester 1
Year: 2020



SEYCHELLES FISHING AUTHORITY

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The Seychelles Fishing Authority (SFA) was incorporated in August 1984 by the Seychelles Fishing Authority (Establishment) Act. This body was formed in view of the need to develop the fishing industry to its fullest potential. It is a parastatal organization with autonomous legal and financial status, supervised by a board of directors appointed by the President.

The Ministry responsible for Fisheries is responsible for policy directives in fisheries related matters, and SFA is the executive arm of the government in all fisheries activities. The functions of SFA as per Section 5 of the Establishment Act are:

- to promote, organize and develop fishing, fishing industries and fishing resources in Seychelles.*
- to assist in the formulation of the national policy with respect to fishing, fishing industries and fishing resources and in the implementation of that policy.*
- to conduct negotiations, or engage in meetings, seminars, or discussions, about fishing or fisheries or the establishment or operation of fishing industries, whether at a national or international level, on behalf of the Republic or otherwise.*
- to identify the manpower training requirements of Seychelles regarding fishing and fishing industries; and*
- those mentioned in any other written law.*

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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.

Readers should note that in 2017 SFA implemented a new data management system for artisanal fishery which created delays in data capture and the delays in publication of this report. SFA wishes to apologise for any inconvenience caused by the delay of this publication.

Information on recreational, sea cucumber, lobster and sport fishery is not included in this current edition but 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 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.

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Purse Seine Fishery:

Tuna purse seiners started exploratory fishing operation in Seychelles EEZ in the Indian Ocean since the early 1980s. 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 1991 and are currently of French and Spanish ownership.

Traditionally, purse seiners fished over free-swimming schools until the 1990s where changes were introduced to the fishing strategy of purse-seiners, 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 has become 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 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

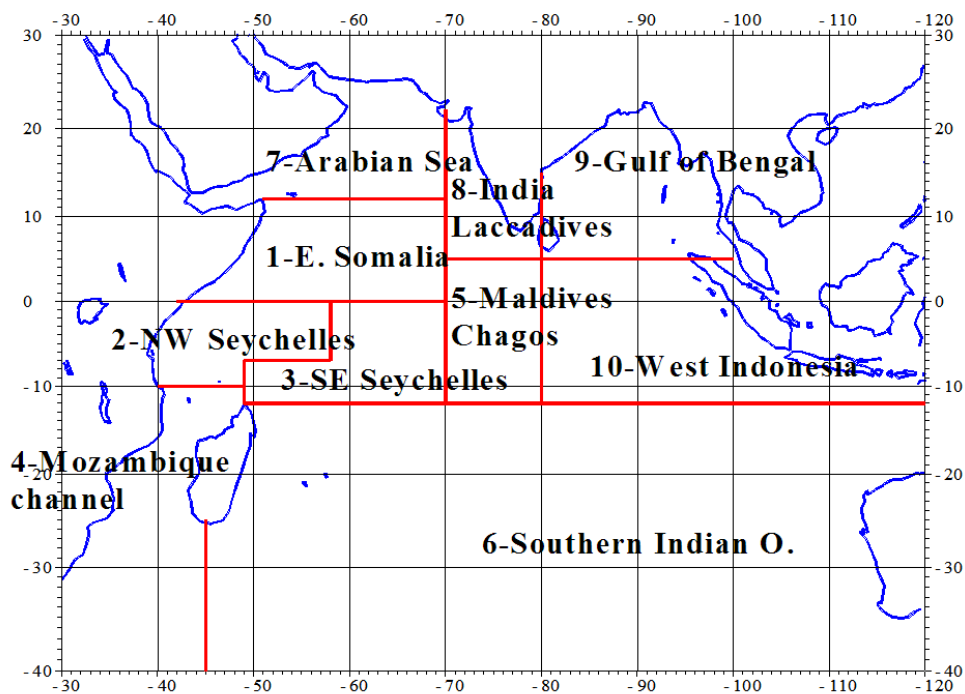
Following data capture, the data is verified to correct any data entry errors. VMS data are also used to validate activity positions declared on the logbook. Data capture, verification and validation are carried out using specialised software specially developed for the purse seine fishery.

Following the verification and validation procedures the data is then processed where the sampling data is used to correct the species composition declared on the Logbooks. Next a raising factor is computed by dividing the total landed/transhipped catches by the catches declared on the logbook per trip and that raising factor is applied to the logbook declaration to obtain the total catch for the fishery by geographical locations.

- 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 those landed are volume of fish landed in the port for further local processing or 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 2017 - January 2018, the catch up to December 2017 will be attributed to the year 2017 and the catch made in January 2018 will be attributed to the year 2018. However, the transshipment/landing will be attributed to the year 2018 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 Fishing 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 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:

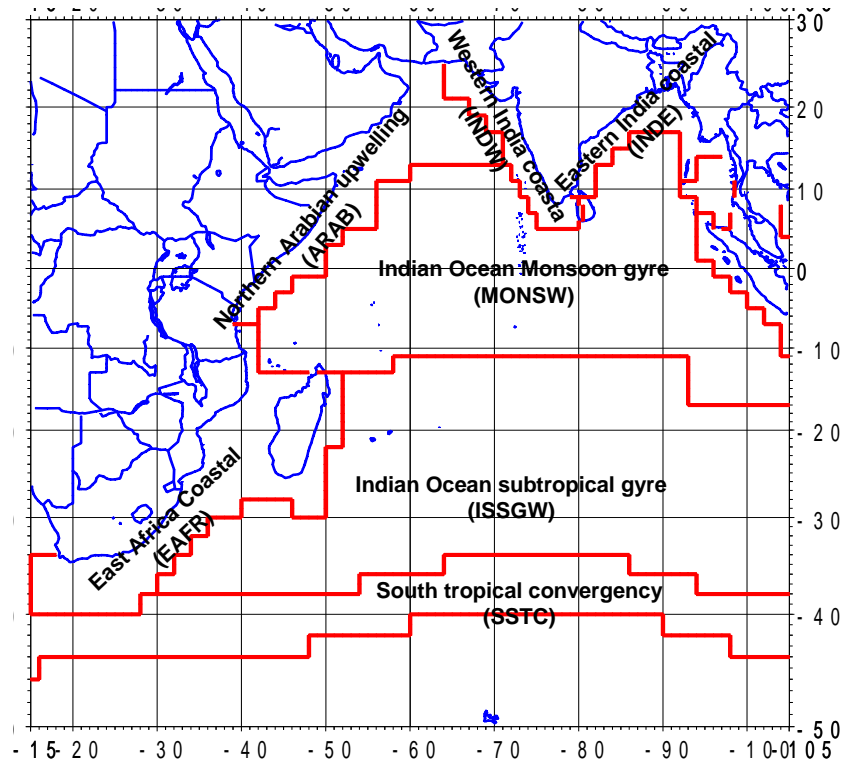
- For Tuna species the Dorsal Fork Length (DFL) are taken
- For swordfish, the Lower maxillary Fork length (LMFL) is recorded
- For Sharks, the total length is recorded

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, Since the duration of licenses can vary from one month to twelve months, for comparison purposes, each month covered in a logbook was 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 whole Indian Ocean while others confine their reports 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), Sphyrnaeidae (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.

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 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.

Fisheries technicians complete 5 types of forms;

- Weekly record form: To collect information of all vessel's activities based at the site by vessel registration number, their activity, gear type and targeted species.
- Trip and Effort Form: Trip and effort information are collected through interviews of the fishermen and includes trip dates and time, effort, gear type and number, expenses, and geographical information,
- Catch sampling form: The Catch and Effort forms are completed for each boat sampled. The catch from each boat sampled 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 mixed packets, the weight corresponds to the dominant species-group in the packet. Where catches are landed as single units of 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 technician must be present at the landing site so that the totality of the catch for the boat is estimate.
- Sales form: For sales information.
- Biological Sampling form: For length frequency data collection

The technicians work 6 days a week and are timetabled for 1 day off during the week on Sunday. A total of 39 sites are monitored each week, including 12 primary and 27 secondary sites where two secondary sites may be covered by a one technician during a day, whereas each technician covers a single primary site each day.

Data Processing

The collected data are captured in the Allegro database and is then processed to obtain the total estimated catch for the artisanal fishery. The data is first used to reconstruct the monthly activity calendar of each vessels using the vessel activity information recorded by the technicians on site and VMS data. All the vessels fishing trips, are then consolidated in the summary file which is then used for estimating total fishing effort and catches. Estimation of fishing effort and catches is calculated by means of data extrapolation. The samples catch and effort data are extrapolated to the total reconstructed fishing trips to obtain an estimate of total Catches, effort, and species composition for the artisanal Fishery by vessel type, landing sites, gear type and month.

- The catches for artisanal fishery presented here may be slightly different to previously published figures since data previously published as dropline catches has been revised and published as 'Others' to include catches for gears not previously captured by the Artfish software notably dropline, reels and hoop tangled net. Such gears are mostly used by schooner vessels and Semi-industrial longliners conducting artisanal fishing trips. Hence the catches for schooners may be slightly different to that previously published.

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 decreased from 49 vessels in 2010 to reach a record low of 35 vessels licensed in the year 2011 which could mostly be due to piracy threats in the Indian Ocean. This was followed by an increased in the number of vessels licensed to reach 49 vessels licensed in 2016. The number of vessels licensed has since then fluctuated between 44 and 46 vessels licensed per year (table 1.2).
- In the year 2020, 45 purse seiners were licensed to fish in the Seychelles EEZ (table 1.2A) out of which 13 were Seychelles flagged vessels, 27 vessels were licensed under the EC agreement and 5 vessels were operating under other private agreement.
- During the year 2020, the number of supply vessels licensed to operate inside the Seychelles EEZ decreased by 1 vessel to reach 16 supply vessels licensed out of which 6 vessels were licensed under Spanish flag and 5 vessels were licensed under Seychelles flag.
- 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 vessels were active per month during the year 2020 compared to 41 vessels active per month during the previous year (table 1.2C).

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

- Trend analysis of the purse seine catches in Seychelles over the last 10 years shows that following a 17% decrease in catches to reach a total of 231,477 MT in 2012 from 279,244 MT in 2010, the purse seine catches has since then increased steadily to reach a total 439,831 MT in 2018 (figure 1A).

The fishing effort, in term of fishing days, has been increasing steadily from 9,318 fishing days in 2010 to reach a peak of 13,825 fishing days in 2016 (figure 1B). The fishing effort subsequently decreased to reach 10,115 fishing days in 2019.

The CPUE has been fluctuating between 22.71 MT/ fishing day and 29.97 MT/ fishing day during the period 2010 to 2016. An increased in CPUE has been observed from 2016 to reach 40.18 MT/fishing day in 2019 (table 1.3 and figure 1C).

- Based on logbook received at the SFA, the total catch in the Western Indian Ocean reported by purse seiners holding licences to fish inside the Seychelles EEZ for the year 2020 is estimated at 353,675 MT, representing 13% decreased over the estimated catch of 406,455 MT reported in the year 2019 (table 1.3B). The fishing effort recorded a 4% increase from 10,115 fishing days estimated for the year 2019

to 10,548 fishing days estimated for the year 2020. The mean catch rate (CPUE) decreased from 40.18 MT/ fishing day in 2019 to 33.53 MT/ fishing day for the year 2020.

- The purse seine tuna catches in the Western Indian Ocean during the first semester of 2020 is estimated at 164,553 MT representing an 18% decrease in catches over the same period in 2019. This was achieved from a fishing effort of 5,662 fishing days thus giving a mean catch rate of 29.06 MT/ fishing day (table 1.3). The total catch for the first semester of 2019 is estimated at 200,485 MT achieved from a fishing effort of 5,256 fishing days with a mean catch rate of 38.15 MT/ fishing day.
- During the second semester of 2020, a total catch of 189,121 MT was reported, achieved from a fishing effort of 4,886 fishing days representing 8% decrease over the 205,971 MT reported during the same period the previous year. The fishing effort for second semester of 2019 was estimated at 4,860 fishing days. The catch rate for the second semester decreased from 42.38 MT/ fishing day in 2019 to 38.71 MT/ fishing day in 2020.

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

- As has been the case historically, catches by purse seiners during the year 2020 was dominated by the Spanish fleet accounting for 41% of the total catch whilst the Seychelles and French fleet accounted for 32% and 16% respectively. During the previous year the Spanish, Seychelles and French fleet accounted for 43%, 28% and 17% of the total purse seine catches in WIO respectively.
- In 2020, the Spanish fleet reported a total catch of 144,095 MT compared to 176,168 MT during the same period of the previous year, representing a 18% decrease in catches with a fishing effort of 3,948 fishing days. The catch rate for the Spanish fleet for the year 2020 and 2019 stand at 36.50 MT/ fishing day and 47.67 MT/ fishing day respectively
- The total catch for the Seychelles fleet remains more or less the same at 112,231 MT in 2020 and 112,621 MT in 2019 despite a 10% increase in fishing effort. The latter increased from 2,922 fishing days in 2019 to 3,221 fishing days in 2020. The catch rate for the Seychelles fleet decreased from 38.54 MT/ fishing in 2019 to 34.84 MT/ fishing day in 2020 (table 1.3B).
- The estimated catch for the French fleet also decreased by 19% in 2020 when compared to the previous year. A total catch of 57,839 MT was reported in 2020 compared to 71,027 MT recorded the previous year (table 1.3D). The fishing effort for the French fleet decreased by 6% from 2,088 fishing days in 2019 to 1,956 fishing days in 2020. The catch rate also decreased from 34.02 MT/ fishing day in 2019 to 29.58 MT/ fishing day in the year 2020.
- The remaining 39,510 MT of catches reported for the year 2020 was caught by Mauritian, Italian and South Korean vessels achieved from a fishing effort of 1,423

fishing days with a mean catch rate of 27.77 MT/ fishing day. This represents a decrease of 15% in catches with a slight 1% increase in fishing effort. During the previous year, vessels under other flags reported an estimated catch of 46,639 MT from a fishing effort of 1,410 fishing days with a mean catch rate of 33.08 MT/ fishing day (table 1.3E).

1.3. Species Composition of Catches in WIO

Figure 1J shows the trend in catches by species caught by purse seiners *licensed to fish inside the Seychelles EEZ. Historically Skipjack tuna dominated the purse seine catches in the Western Indian Ocean (table 1.3). However, during the period 2012 to 2015, yellowfin replaced skipjack tuna as the dominant species caught.*

- During the year 2020, Skipjack tuna dominated the total purse seine catches, accounting for 63% of the total catch followed by yellowfin tuna representing for 31% of the total catch, whilst bigeye tuna made up only 5% of the total catch. In 2019, Skipjack tuna accounted for 62% of the total catch followed by yellowfin tuna representing for 32% of the total catch, whilst bigeye tuna made up only 6% of the total catch
- In 2020, Skipjack tuna catches decreased by 11% from 252,131 MT in 2019 to an estimated total catch of 223,603 MT. The total yellowfin catches are estimated at 110,752 MT, 14% lower than the 128,907 MT reported for the previous year and bigeye tuna catches decreased by 31%, from 24,160 MT in 2019 to 16,702 MT in 2020.

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 80% of the total catches per year (table 1.5A and figure 1G).
- In 2020, a total of 326,153 Mt of tuna were caught on FAD's associated school representing 92% of the total catch and 26,383 MT or 7% of the total catch was caught on free swimming school. During the previous year, 82% or 334,123 MT of catches were reported to have been caught on FAD's associated schools whilst 15% or 62,067 MT of the catches were reported to have been caught on free swimming school. This reflects a slight 2% decrease in catches on FAD's associated school and a 57% decrease in catches on free swimming school.
- Species wise, 67% of the catch on FAD's associated school were skipjack tuna and 28% were yellowfin tuna in the year 2020, similar to the previous year. Bigeye tuna accounted for only 5% of the catches on FADs. Catches on free swimming schools were dominated by yellowfin tuna representing 74% of the total catch whilst skipjack and bigeye tuna accounted for 20% and 6% of the catches on free swimming schools respectively. During 2019, yellowfin tuna accounted for 50% of the total catch whilst

skipjack and bigeye tuna accounted for 41% and 9% of the total catches on free swimming schools respectively.

1.5. Activity inside the Seychelles EEZ

- Trend analysis of the purse seine fishery in the Seychelles EEZ shows that catches inside the Seychelles EEZ fluctuated over the last 10 years with a peak of 92,958 MT recorded in 2016 and the lowest catch of 36,013 Mt recorded in 2013 (figure 1D). The fishing effort increased steadily from the year 2010 to a peak of 3,096 fishing days in 2012, then dropped to 2,183 fishing days in 2013 and had since then been increasing to reach a peak of 4740 fishing days in 2016 (figure 1E). From 2016 onward, the fishing effort has been on a decreasing trend. The CPUE analysis shows a downward trend from 25.11 MT/fishing day in 2010 to a dip of 15.70 MT/ fishing day in 2014 followed by an increasing trend to 31.47 MT/ fishing day in 2018 (figure 1F).
- A total catch of 95,668 MT was reported inside the Seychelles EEZ during the whole year 2020 representing a 13% increase from the 84,610 MT reported for the year 2019. This corresponds to a 21% increase in fishing effort from 2,575 fishing day in 2019 to 3,127 fishing days in 2020. The mean catch rate for 2020 inside the Seychelles EEZ stands at 30.59 MT/fishing day compared to 32.85 MT/fishing day in 2019 (table 1.4).
- The purse seine tuna catch reported inside the Seychelles EEZ during the first semester of 2020 is estimated at 51,968 MT (table 1.4A) achieved from a fishing effort of 1,894 fishing days, thus giving a mean catch rate of 27.44 MT/ fishing day. This represents an increase of 13% in catches corresponding to a 34% increase in fishing effort over the same period, the previous year (table 1.4A). During the first semester of 2019, the purse seine tuna catches reported inside the Seychelles EEZ was estimated at 46,002 MT (table 1.4A) achieved from a fishing effort of 1,416 fishing days, thus giving a mean catch rate of 32.48 MT/ fishing day (table 1.4A).
- During the second semester of 2020, a total of 43,700 MT of tuna were reported to have been caught by purse seiners inside the Seychelles EEZ obtain from a fishing effort of 1,233 fishing days, thus giving a mean catch rate of 35.43 MT/ fishing day. This represents an increase of 13% in total catch from 38,609 MT of catches reported during the second semester of 2019 attributed to a 6% increase in fishing effort.
- The monthly trend in catches shows that highest catch and catch rate inside the Seychelles EEZ were recorded in the month of September with total catch of 17,042 MT and a mean catch rate of 47.94 MT/fishing day. During the previous year, the highest catch was reported in the month of March with an estimated catch of 15,104 MT and highest catch rate were reported during the month of June with a mean catch rate of 44.70 MT/fishing day.

1.5.1. Activity inside the Seychelles EEZ by Fleet

- During the year 2020, the Spanish fleet accounted for 31 % of the catches in the Seychelles EEZ, similar to the previous year. The French and Seychelles Fleet accounted for 27% and 26% respectively. During the previous year the French and Seychelles fleet accounted for 29% and 21% of the Seychelles EEZ catches respectively.
- In 2020, the Spanish fleet reported catches inside of the Seychelles EEZ increase by 11% corresponding to a 12% increase in fishing effort when compared to the previous year. The estimated catch reported by the Spanish fleet inside the Seychelles EEZ in 2020 is estimated at 29,362 MT with a mean catch rate of 35.58 MT/fishing day compared to a total estimated catch of 26,559 MT and a mean catch rate of 36.06 MT/fishing day in 2019 (table 1.4C).
- The French fleet reported a total catch of 26,298 MT inside the Seychelles EEZ achieved from a total effort of 797 fishing days during the year 2020, (table 1.4 D). This represents an increase of 8% in catches and 7% increase in fishing effort inside the Seychelles EEZ thus giving an increased mean catch rate of 33.01 MT/fishing day compared to 32.90 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 that following a dropped in catches from 75,787 MT in 2010 to 50,938 MT in 2012, the catches has since then increased steadily to reach a peak of 123,310 MT in 2018. A decrease of 9% was recorded in catches 2019 compared to the previous year. From the year 2010, the fishing effort has been on a downward trend to a mere 1,809 fishing days in 2013 and has since then fluctuate between 2,109 to 4,092 fishing days. The CPUE fluctuated between 23.88 MT/ fishing day and 44.25 MT/ fishing day.
- The Seychelles flagged purse seiners reported a total catch of 112,231 MT in the WIO in 2020, achieved from a fishing effort of 3,221 fishing days thus giving a mean catch rate of 34.84 MT/fishing day. In 2019 the Seychelles purse seine fleet reported a total catch of 112,621 MT obtained from a fishing effort of 2,922 fishing days with a mean catch rate of 38.54 MT/ fishing day (table 1.3B).
- The catches of the Seychelles purse seine fleet inside the Seychelles EEZ in 2020 is estimated at 25,230 MT compared to 18,088 MT during the previous year This represents an increase of 39% corresponding to an increase of 51% in fishing effort (table 1.4B). The mean catch rate for the Seychelles fleet inside the Seychelles EEZ is estimated at 26.28 MT/ fishing day and 28.55 MT/ fishing day in 2020 and 2019 respectively (table 1.4B).
- In terms of geographical areas, 56% of the Seychelles purse seine fleet catches reported to have been caught on the high seas and only 22% of its catches were

reported to have been caught inside of the Seychelles EEZ in 2020 whilst the remaining 21% were reported to have been caught in foreign EEZ (table 1.4F). During the previous year, 64% and 20% of the Seychelles fleet catches were caught on the high seas and inside the Seychelles EEZ respectively.

1.7. Purse seine statistics by Access Regime

- In 2020, purse seiners licensed to operate inside of the Seychelles EEZ were operating under the National or Seychelles flag licences, Sustainable Fisheries Partnership Agreement with the European Union (EU) agreement and under individual agreement with South Korea and Mauritius hereafter group as 'Others'.
- During the year 2020, vessels fishing under the EU agreement reported a total catch of 57,973 MT or 61% of the total reported catch inside the Seychelles EEZ. This represents an increase of 8% in catches inside the Seychelles EEZ from the 53,467 MT reported in 2019. This was achieved from a fishing effort of 1,729 fishing days thus giving a mean catch rate of 33.53 MT/ fishing day. A total of 1,561 fishing days and a mean catch rate of 34.25 MT/ fishing day were reported for the year 2019 (table 1.6).
- Vessels under other agreement recorded a decrease of 5% in catches despite a 15% increase in fishing effort inside the Seychelles EEZ during the year 2020 when compared to the previous year. In 2020 vessel under other agreement reported a total catch of 12,465 MT accounting for 13% of the total EEZ catch obtained from a fishing effort of 438 fishing days with a mean catch rate of 28.45 MT/ fishing day. This compared to an estimated total catch of 13,056 MT for the year 2019 achieved from a fishing effort of 381 fishing days thus giving a mean catch rate of 34.29 MT/ fishing day.

1.8. Landing and Transshipment Statistics

- Time series analysis of landing and transshipment shows that following a drop of 18% in the volume of purse seine catches unloaded in Port Victoria in the year 2010, the landing and transshipment has thereafter been on an increasing trend to reach a peak of 423,740 MT in 2018 (table 1.7 and figure 1K).
- Similar to previous years, Port Victoria remained the principal port for tuna transshipment and landing by purse seiners in the WIO during the year 2020. A total of 333,152 MT of tuna was unloaded through port Victoria compared to 387,708 MT in 2019. This represents 95% of the total landing and transshipment for that year (figure 1L) and an 14% decrease from the previous year.
- In 2020, a total catch of 279,861 MT or 84% of total purse seine catches unloaded in Port Victoria were transhipped onto reefers or into containers for export whilst the remaining 16% or 53,291 MT of tuna were landed in Port Victoria for local processing or sale (table 1.8). In 2019, a total of 340,437 MT of tuna were transhipped and 47,271MT were landed in Port Victoria. These represent a decrease of 18% in transshipment and an increase of 13% in landings in port Victoria respectively during

the year 2020 when compared to the previous year.

- Out of the 279,858 MT of tuna transhipped in Port Victoria, 26% or 71,957 MT were transhipped onto reefer vessels whilst 74% or 207,905 MT were transhipped into containers for export (table 1.9). This represents a slight increase of 2% of tuna transhipped via containers and a decrease of 47% of tuna transhipped via reefer vessels respectively when compared to the previous year. In 2019 a total of 136,769 MT or 40% of total tuna transhipped were by reefer vessels and 60% or 203,668 MT of tuna were transhipped into containers.
- Analysis of catch landed/transhipped in port Victoria by fleet shows that historically, the Spanish fleet dominated tuna unloading in Port Victoria. In 2020 the Spanish fleet landed and transhipped a total of 138,551 MT of tuna in port Victoria representing 42% of the total catch unloaded in Port Victoria during that year whilst the French and Seychelles fleet accounted for 16% (or 52,229 MT) and 31% (or 104,231 MT) respectively (table 1.8). During the previous year, the Spanish fleet accounted for 43% (or 166,173 MT) of landing and transhipment in Port Victoria whilst the French and Seychelles fleet accounted for 18% (or 70,546 MT) and 27% (or 104,568 MT) respectively.

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 2019 and 2020 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 2019 and 2020 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 2019 and 2020 respectively.
- Maps 1B shows that the fishing pattern for the whole year 2020 appears to be similar to that of the previous year (Map 1A) with a slight decrease in catches in the Mozambique channel.
- Maps 1D shows increased catches in the Arabian sea area with decreased catches in the SE Seychelles area during the first semester of 2020 when compared to the same period in 2019 (Map 1C).
- Maps 1F shows decrease catches in the Arabian sea area with slight increase in the Maldives and Chagos area in the second semester of 2020 when compared to the same period the previous year (map 1E).

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

(Database Closed on 16/04/2021)

Vessel Type: Purse Seiners

Years: 2010 - 2020

Access Regime	Country	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National	Seychelles	9	8	8	7	11	13	13	13	13	13	13
National Total		9	8	8	7	11	13	13	13	13	13	13
EC	Spain	16	14	15	14	15	17	16	14	14	15	15
	France	15	8	10	8	13	13	12	12	12	12	11
	Italy						1	1	1	1	1	1
EC Total		31	22	25	22	28	31	29	27	27	28	27
Others	Mauritius				2	2	2	2	2	2	3	3
	Mayotte	5	5	5	5							
	Korea, South			1	3	4	5	5	4	2	2	2
	Thailand	4										
Others Total		9	5	6	10	6	7	7	6	4	5	5
		49	35	38	39	44	49	49	46	44	45	45

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

Years: 2010 - 2020

Access Regime	Country	2010	2011	2012	2013	2014	Year 2015	2016	2017	2018	2019	2020
National	Seychelles	8	6	3	4	6	7	9	8	7	6	5
National Total		8	6	3	4	6	7	9	8	7	6	5
EC	Spain	4	4	5	6	10	11	11	11	11	6	6
	France							1	1	2	2	3
	Italy									1	1	
EC Total		4	4	5	6	10	11	12	12	14	9	9
Others	Korea								1	1	1	1
	Mauritius						1	1	1	1	1	1
Others Total		0	0	0	0	0	1	1	2	2	2	2
	Annual Total	10	9	8	10	16	19	22	22	22	17	16

* Number of Vessels change of flag	2	1								1		
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TABLE 1.2A. Purse Seiners Holding Licenses by Country of Registration

(Database Closed on 16/04/2021)

Year: 2019

Month	Seychelles	Spain	France*	Italy	Korea	Mauritius*	Total
Jan	13	14	12	1	2	2	44
Feb	13	14	11	1	2	3	44
Mar	13	14	11	1	2	3	44
Apr	13	14	11	1	2	3	44
May	13	14	11	1	2	3	44
Jun	13	14	11	1	2	3	44
Jul	13	14	11	1	2	3	44
Aug	13	15	11	1	2	3	45
Sep	13	15	11	1	2	3	45
Oct	13	15	11	1	2	3	45
Nov	13	15	11	1	2	3	45
Dec	13	15	11	1	2	3	45
Year Average	13	14	11	1	2	3	44
Quarter 1	13	14	11	1	2	3	44
Quarter 2	13	14	11	1	2	3	44
Quarter 3	13	15	11	1	2	3	45
Quarter 4	13	15	11	1	2	3	45
First Semester	13	14	11	1	2	3	44
Second Semester	13	15	11	1	2	3	45

* In 2019, 1 vessel changed flag from France to Mauritius.

Year: 2020

Month	Seychelles	Spain	France	Italy	Korea	Mauritius	Total
Jan	13	15	11	1	2	3	45
Feb	13	15	10	1	2	3	44
Mar	13	15	10	1	2	3	44
Apr	13	15	10	1	2	3	44
May	13	15	10	1	2	3	44
Jun	13	15	10	1	2	3	44
Jul	13	15	10	1	2	3	44
Aug	13	15	10	1	2	3	44
Sep	13	15	10	1	2	3	44
Oct	13	15	10	1	2	3	44
Nov	13	15	10	1	2	3	44
Dec	13	15	10	1	2	3	44
Year Average	13	15	10	1	2	3	44
Quarter 1	13	15	10	1	2	3	44
Quarter 2	13	15	10	1	2	3	44
Quarter 3	13	15	10	1	2	3	44
Quarter 4	13	15	10	1	2	3	44
First Semester	13	15	10	1	2	3	44
Second Semester	13	15	10	1	2	3	44

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

(Database Closed on 16/04/2021)

Years: 2010 - 2020

Access Regime	Country	Year										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National	Seychelles	9	8	8	7	10	13	13	13	13	13	13
National Total		9	8	8	7	10	13	13	13	13	13	13
EC	Spain	13	13	15	14	15	17	14	14	14	15	15
	France	8	8	10	8	13	12	12	12	12	12	10
	Italy						1	1	1	1	1	1
EC Total		21	21	25	22	28	30	27	27	27	28	26
Others	Mauritius				1	2	2	2	2	2	3	3
	Mayotte	5	5	5	5							
	Korea			1	3	4	5	5	3	2	2	2
	Thailand	3										
Others Total		8	5	6	9	6	7	7	5	4	5	5
	Annual Total	38	34	38	38	43	49	47	45	44	45	44

* Number of Vessels operated under different flag			1			1	2					1
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TABLE 1.2C. Purse Seiners Active by Country of Registration

(Database Closed on 16/04/2021)

Year: 2019

Month	Seychelles	Spain	France*	Italy	Korea	Mauritius*	Total
Jan	12	14	12	1	2	2	43
Feb	12	14	11	1	2	3	43
Mar	13	13	11	1	2	3	43
Apr	13	13	10	1	2	3	42
May	13	12	10	1	2	3	41
Jun	12	12	10	1	2	3	40
Jul	11	13	11	1	2	3	41
Aug	12	14	10	1	2	3	42
Sep	13	15	10	1	2	3	44
Oct	12	14	11	0	2	3	42
Nov	8	15	11	0	2	3	39
Dec	7	14	11	0	2	3	37
Year Average	12	14	11	1	2	3	41
Quarter 1	12	14	11	1	2	3	43
Quarter 2	13	12	10	1	2	3	41
Quarter 3	12	14	10	1	2	3	42
Quarter 4	9	14	11	0	2	3	39
First Semester	13	13	11	1	2	3	42
Second Semester	11	14	11	1	2	3	41

* In 2019, 1 vessel changed flag from France to Mauritius.

Year: 2020

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

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

(Database Closed on 16/04/2021)

Country: ALL**Semester 1, Years: 2010 - 2020**

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2010	4,513	28.52	43,175	34	72,692	56	12,627	10	153	0	46	0	128,692
2011	4,618	24.99	39,951	35	64,804	56	9,983	9	646	1	28	0	115,412
2012	4,599	26.57	67,813	55	42,909	35	10,480	9	996	1	21	0	122,219
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	9,508	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

Country: ALL**Semester 2, Years: 2010 - 2020**

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2010	4,806	31.33	59,952	40	81,090	54	9,475	6	35	0	0	0	150,552
2011	4,940	28.94	70,623	49	62,346	44	9,882	7	98	0	0	0	142,949
2012	5,096	21.44	63,244	58	39,254	36	6,515	6	210	0	36	0	109,258
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

Country: ALL

Years: 2010 - 2020

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2010	9,318	29.97	103,127	37	153,782	55	22,102	8	187	0	46	0	279,244
2011	9,558	27.03	110,574	43	127,150	49	19,864	8	744	0	28	0	258,361
2012	9,696	23.87	131,057	57	82,163	35	16,995	7	1,206	1	56	0	231,477
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

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

(Database Closed on 16/04/2021)

Country: ALL

Year: 2019

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	44	43	942	51.15	16,093	33	28,411	59	3,558	7	7	0	99	0	48,168
Feb	44	43	892	36.73	11,788	36	19,074	58	1,853	6	7	0	45	0	32,767
Mar	44	43	942	42.05	13,773	35	23,174	58	2,529	6	82	0	59	0	39,617
Apr	44	42	916	36.74	10,599	31	20,852	62	2,183	6	8	0	14	0	33,656
May	44	41	875	30.75	7,719	29	17,679	66	1,316	5	4	0	190	1	26,907
Jun	44	40	689	28.13	9,588	49	6,027	31	3,677	19	8	0	69	0	19,369
Jul	44	41	820	37.22	11,053	36	17,317	57	2,108	7	7	0	23	0	30,508
Aug	45	42	911	36.70	9,533	29	21,983	66	1,887	6	7	0	36	0	33,445
Sep	45	44	988	41.52	12,210	30	26,774	65	1,968	5	4	0	75	0	41,032
Oct	45	42	899	43.31	10,279	26	27,444	70	1,031	3	13	0	177	0	38,944
Nov	45	39	699	52.08	9,181	25	25,796	71	1,171	3	8	0	261	1	36,417
Dec	45	37	542	47.26	7,091	28	17,600	69	881	3	2	0	50	0	25,625
Annual	44	41	10,115	40.18	128,907	32	252,131	62	24,160	6	157	0	1100	0	406,455
Quarter 1	44	43	2,776	43.43	41,654	35	70,658	59	7,940	7	96	0	204	0	120,552
Quarter 2	44	41	2,480	32.24	27,906	35	44,558	56	7,175	9	20	0	274	0	79,933
Quarter 3	45	42	2,719	38.61	32,796	31	66,074	63	5,963	6	18	0	134	0	104,985
Quarter 4	45	39	2,141	47.18	26,552	26	70,840	70	3,082	3	23	0	489	0	100,985
First Semester	44	42	5,256	38.15	69,559	35	115,216	57	15,115	8	116	0	478	0	200,485
Second Semester	45	41	4,860	42.38	59,348	29	136,914	66	9,045	4	41	0	623	0	205,971

Country: ALL

Year: 2020

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	45	44	888	26.41	7,108	30	15,493	66	770	3	2	0	91	0	23,464
Feb	44	42	950	34.19	9,576	29	21,351	66	1,358	4	4	0	186	1	32,475
Mar	44	42	1,017	32.53	10,328	31	21,201	64	1,244	4	5	0	299	1	33,077
Apr	44	43	1,072	27.73	7,789	26	20,607	69	999	3	2	0	333	1	29,730
May	44	44	982	23.40	4,546	20	17,488	76	560	2	3	0	368	2	22,966
Jun	44	43	753	30.34	14,580	64	6,596	29	1,584	7	29	0	53	0	22,842
Jul	44	39	626	32.66	6,661	33	12,122	59	1,514	7	1	0	161	1	20,459
Aug	44	44	1,003	37.44	10,389	28	24,714	66	2,011	5	62	0	362	1	37,538
Sep	44	43	853	47.83	11,935	29	26,598	65	1,996	5	15	0	268	1	40,812
Oct	44	43	951	52.42	15,381	31	31,806	64	2,537	5	3	0	131	0	49,858
Nov	44	42	734	33.69	7,217	29	16,231	66	1,159	5	0	0	116	0	24,723
Dec	44	37	719	21.89	5,241	33	9,395	60	971	6	9	0	114	1	15,730
Annual	44	42	10,548	33.53	110,752	31	223,603	63	16,702	5	135	0	2481	1	353,675
Quarter 1	44	43	2,855	31.18	27,012	30	58,045	65	3,372	4	11	0	576	1	89,015
Quarter 2	44	43	2,807	26.91	26,916	36	44,691	59	3,143	4	34	0	755	1	75,538
Quarter 3	44	42	2,482	39.81	28,985	29	63,435	64	5,521	6	78	0	791	1	98,809
Quarter 4	44	41	2,404	37.57	27,839	31	57,433	64	4,667	5	12	0	361	0	90,312
First Semester	44	43	5,662	29.06	53,928	33	102,736	62	6,515	4	45	0	1,330	1	164,553
Second Semester	44	41	4,886	38.71	56,824	30	120,867	64	10,188	5	90	0	1,151	1	189,121

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

(Database Closed on 16/04/2021)

Country: SEYCHELLES

Year: 2019

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	13	12	297	43.83	3,155	24	9,052	70	747	6	2	0	52	0	13,009
Feb	13	12	285	31.22	2,481	28	5,860	66	572	6	1	0	0	0	8,914
Mar	13	13	291	42.23	3,525	29	7,933	65	819	7	3	0	8	0	12,289
Apr	13	13	299	39.38	3,859	33	7,094	60	840	7	2	0	0	0	11,795
May	13	13	283	32.06	2,861	31	5,691	63	533	6	1	0	0	0	9,086
Jun	13	12	215	19.29	1,818	44	1,717	41	606	15	1	0	0	0	4,142
Jul	13	11	212	42.20	2,714	30	5,692	64	531	6	0	0	0	0	8,937
Aug	13	12	277	40.95	2,836	25	7,943	70	579	5	1	0	0	0	11,359
Sep	13	13	305	42.43	3,723	29	8,531	66	673	5	0	0	15	0	12,942
Oct	13	12	254	47.56	3,553	29	8,084	67	381	3	0	0	71	1	12,089
Nov	13	8	107	45.71	1,499	31	3,224	66	180	4	2	0	0	0	4,904
Dec	13	7	96	32.90	981	31	2,096	66	77	2	1	0	0	0	3,155
Annual	13	12	2,922	38.54	33,006	29	72,917	65	6,538	6	14	0	146	0	112,621
Quarter 1	13	12	873	39.18	9,162	27	22,846	67	2,138	6	6	0	60	0	34,212
Quarter 2	13	13	798	31.37	8,538	34	14,502	58	1,979	8	4	0	0	0	25,023
Quarter 3	13	12	794	41.85	9,273	28	22,166	67	1,783	5	1	0	15	0	33,238
Quarter 4	13	9	457	44.05	6,033	30	13,404	67	637	3	3	0	71	0	20,148
First Semester	13	13	1,671	35.45	17,700	30	37,348	63	4,118	7	9	0	60	0	59,235
Second Semester	13	11	1,252	42.66	15,306	29	35,569	67	2,420	5	4	0	86	0	53,386

Country: SEYCHELLES

Year: 2020

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	13	13	279	31.41	2,478	28	5,940	68	336	4	1	0	5	0	8,760
Feb	13	13	319	40.89	3,468	27	8,835	68	725	6	1	0	20	0	13,049
Mar	13	13	323	33.56	3,134	29	7,108	66	548	5	0	0	38	0	10,828
Apr	13	13	323	27.98	2,300	25	6,248	69	459	5	0	0	34	0	9,041
May	13	13	316	23.87	1,500	20	5,695	76	275	4	1	0	65	1	7,536
Jun	13	12	191	22.20	1,542	36	2,309	54	382	9	2	0	14	0	4,248
Jul	13	13	212	33.51	1,821	26	4,849	68	398	6	0	0	44	1	7,112
Aug	13	13	347	38.22	2,857	22	9,602	72	751	6	1	0	37	0	13,249
Sep	13	13	286	46.98	3,875	29	8,844	66	662	5	0	0	38	0	13,419
Oct	13	12	282	54.34	4,650	30	9,831	64	832	5	1	0	29	0	15,343
Nov	13	11	191	36.42	2,039	29	4,566	66	349	5	0	0	5	0	6,958
Dec	13	8	153	17.62	839	31	1,660	62	175	7	1	0	12	0	2,688
Annual	13	12	3,221	34.84	30,502	27	75,486	67	5,893	5	8	0	342	0	112,231
Quarter 1	13	13	921	35.45	9,080	28	21,883	67	1,609	5	2	0	63	0	32,637
Quarter 2	13	13	830	25.09	5,341	26	14,252	68	1,116	5	3	0	113	1	20,825
Quarter 3	13	13	845	40.00	8,553	25	23,295	69	1,812	5	1	0	119	0	33,780
Quarter 4	13	10	626	39.92	7,527	30	16,057	64	1,356	5	2	0	47	0	24,989
First Semester	13	13	1,751	30.53	14,422	27	36,134	68	2,725	5	5	0	177	0	53,462
Second Semester	13	12	1,471	39.96	16,080	27	39,351	67	3,168	5	3	0	166	0	58,768

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

(Database Closed on 16/04/2021)

Country: SPAIN

Year: 2019

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	14	14	339	61.48	7,112	34	11,758	56	1,980	9	0	0	0	0	20,850
Feb	14	14	317	44.95	4,787	34	8,660	61	811	6	0	0	0	0	14,258
Mar	14	13	334	49.52	5,501	33	10,050	61	947	6	34	0	9	0	16,542
Apr	14	13	324	43.13	3,283	23	9,951	71	750	5	0	0	0	0	13,983
May	14	12	296	36.50	1,984	18	8,300	77	478	4	0	0	25	0	10,787
Jun	14	12	204	34.98	2,140	30	2,955	41	1,994	28	0	0	51	1	7,140
Jul	14	13	316	42.18	3,658	27	8,725	65	939	7	3	0	18	0	13,343
Aug	15	14	351	37.57	2,904	22	9,693	73	579	4	0	0	30	0	13,205
Sep	15	15	350	47.05	3,864	23	11,864	72	675	4	0	0	43	0	16,446
Oct	15	14	334	49.25	3,518	21	12,485	76	390	2	2	0	77	0	16,473
Nov	15	15	273	69.55	4,429	23	13,745	72	647	3	2	0	160	1	18,982
Dec	15	14	257	55.17	4,041	29	9,506	67	608	4	0	0	5	0	14,159
Annual	14	14	3,696	47.67	47,221	27	117,691	67	10,798	6	41	0	418	0	176,168
Quarter 1	14	14	990	52.15	17,400	34	30,468	59	3,738	7	34	0	9	0	51,650
Quarter 2	14	12	824	38.73	7,407	23	21,205	66	3,222	10	0	0	76	0	31,910
Quarter 3	15	14	1,017	42.26	10,426	24	30,282	70	2,193	5	3	0	91	0	42,995
Quarter 4	15	14	864	57.42	11,987	24	35,736	72	1,645	3	4	0	242	0	49,614
First Semester	14	13	1,814	46.06	24,807	30	51,673	62	6,960	8	34	0	85	0	83,560
Second Semester	15	14	1,881	49.22	22,414	24	66,018	71	3,837	4	7	0	333	0	92,609

Country: SPAIN

Year: 2020

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	15	15	279	22.71	2,003	32	4,097	65	210	3	0	0	35	1	6,345
Feb	15	14	318	31.68	2,926	29	6,779	67	347	3	0	0	23	0	10,074
Mar	15	14	384	34.02	3,450	26	9,010	69	446	3	0	0	155	1	13,060
Apr	15	15	414	31.17	3,114	24	9,317	72	332	3	0	0	140	1	12,902
May	15	15	408	25.84	1,861	18	8,300	79	174	2	0	0	201	2	10,535
Jun	15	15	273	34.04	5,668	61	2,739	29	853	9	6	0	32	0	9,297
Jul	15	12	255	35.29	2,633	29	5,522	61	731	8	0	0	116	1	9,002
Aug	15	15	356	41.88	3,575	24	10,263	69	776	5	0	0	312	2	14,926
Sep	15	15	315	55.03	4,496	26	11,823	68	807	5	0	0	226	1	17,352
Oct	15	15	362	64.87	7,384	31	14,792	63	1,236	5	0	0	84	0	23,495
Nov	15	15	270	35.57	2,800	29	6,239	65	469	5	0	0	90	1	9,598
Dec	15	13	313	23.96	2,545	34	4,344	58	525	7	1	0	92	1	7,508
Annual	15	14	3,948	36.50	42,453	29	93,223	65	6,906	5	7	0	1,507	1	144,095
Quarter 1	15	14	981	30.04	8,378	28	19,886	67	1,002	3	0	0	214	1	29,480
Quarter 2	15	15	1,095	29.90	10,642	33	20,355	62	1,359	4	6	0	372	1	32,734
Quarter 3	15	14	927	44.54	10,703	26	27,608	67	2,315	6	0	0	655	2	41,280
Quarter 4	15	14	945	42.95	12,729	31	25,375	62	2,230	5	1	0	266	1	40,601
First Semester	15	15	2,076	29.97	19,021	31	40,241	65	2,361	4	6	0	586	1	62,214
Second Semester	15	14	1,872	43.74	23,432	29	52,983	65	4,544	6	1	0	921	1	81,881

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

(Database Closed on 16/04/2021)

Country: FRANCE

Year: 2019

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)			
Jan	12	12	214	43.49	2,844	31	5,977	64	452	5	4	0	45	0	9,322
Feb	11	11	179	32.75	2,331	40	3,203	55	264	5	4	0	44	1	5,846
Mar	11	11	187	33.31	2,148	34	3,694	59	335	5	13	0	38	1	6,229
Apr	11	10	151	24.59	1,225	33	2,199	59	290	8	3	0	4	0	3,721
May	11	10	154	23.74	1,369	37	1,919	52	203	6	2	0	164	4	3,658
Jun	11	10	149	27.47	2,474	60	1,017	25	578	14	6	0	18	0	4,094
Jul	11	11	153	27.35	1,961	47	1,907	46	299	7	3	0	5	0	4,176
Aug	11	10	168	35.87	2,634	44	2,972	49	424	7	4	0	5	0	6,040
Sep	11	10	192	37.58	3,115	43	3,706	51	380	5	3	0	17	0	7,221
Oct	11	11	193	33.92	2,553	39	3,794	58	160	2	10	0	28	0	6,544
Nov	11	11	210	40.96	2,407	28	5,884	68	216	3	3	0	101	1	8,612
Dec	11	11	137	40.64	1,558	28	3,845	69	115	2	1	0	45	1	5,565
Annual	11	11	2,088	34.02	26,618	37	40,120	56	3,717	5	56	0	517	1	71,027
Quarter 1	11	11	580	36.90	7,323	34	12,875	60	1,051	5	21	0	127	1	21,397
Quarter 2	11	10	454	25.25	5,068	44	5,136	45	1,071	9	11	0	187	2	11,473
Quarter 3	11	10	513	33.98	7,710	44	8,585	49	1,104	6	10	0	28	0	17,437
Quarter 4	11	11	540	38.37	6,518	31	13,524	65	491	2	13	0	175	1	20,721
First Semester	11	11	1,034	31.78	12,391	38	18,011	55	2,122	6	32	0	314	1	32,870
Second Semester	11	11	1,053	36.23	14,227	37	22,109	58	1,595	4	24	0	203	1	38,158

Country: FRANCE

Year: 2020

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)			
Jan	11	10	215	26.82	1,953	34	3,650	63	111	2	0	0	47	1	5,760
Feb	10	10	204	28.49	2,138	37	3,397	58	141	2	1	0	139	2	5,816
Mar	10	9	170	30.54	2,066	40	2,912	56	100	2	5	0	100	2	5,182
Apr	10	9	179	21.39	1,116	29	2,489	65	66	2	0	0	159	4	3,830
May	10	10	137	17.13	713	30	1,532	65	50	2	1	0	49	2	2,345
Jun	10	10	156	39.60	5,393	87	572	9	206	3	14	0	6	0	6,191
Jul	10	9	83	33.84	1,572	56	1,007	36	212	8	1	0	0	0	2,792
Aug	10	10	193	34.16	3,092	47	3,109	47	332	5	59	1	11	0	6,604
Sep	10	10	155	42.65	2,390	36	3,888	59	325	5	15	0	3	0	6,620
Oct	10	10	165	32.28	1,664	31	3,477	65	179	3	1	0	11	0	5,331
Nov	10	10	165	29.42	1,473	30	3,192	66	165	3	0	0	17	0	4,847
Dec	10	10	134	18.84	837	33	1,593	63	76	3	5	0	9	0	2,519
Annual	10	10	1,956	29.58	24,406	42	30,819	53	1,962	3	101	0	550	1	57,839
Quarter 1	10	10	589	28.47	6,157	37	9,959	59	352	2	6	0	286	2	16,759
Quarter 2	10	10	472	26.18	7,222	58	4,593	37	322	3	15	0	214	2	12,366
Quarter 3	10	10	431	37.16	7,054	44	8,004	50	869	5	75	0	14	0	16,016
Quarter 4	10	10	464	27.39	3,973	31	8,262	65	420	3	6	0	37	0	12,697
First Semester	10	10	1,061	27.45	13,379	46	14,552	50	674	2	21	0	500	2	29,125
Second Semester	10	10	895	32.09	11,027	38	16,267	57	1,289	4	81	0	50	0	28,714

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

(Database Closed on 16/04/2021)

Country: OTHERS

Year: 2019

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	5	5	91	54.59	2,982	60	1,624	33	378	8	1	0	2	0	4,987
Feb	6	6	111	33.79	2,189	58	1,350	36	207	6	2	0	1	0	3,749
Mar	6	6	130	35.03	2,598	57	1,495	33	427	9	33	1	4	0	4,557
Apr	6	6	141	29.50	2,232	54	1,609	39	303	7	3	0	10	0	4,157
May	6	6	142	23.78	1,505	45	1,769	52	102	3	1	0	1	0	3,377
Jun	6	6	121	33.05	3,156	79	338	8	499	12	1	0	1	0	3,994
Jul	6	6	139	29.17	2,721	67	992	24	338	8	1	0	0	0	4,052
Aug	6	6	114	24.89	1,159	41	1,375	48	305	11	2	0	1	0	2,841
Sep	6	6	142	31.26	1,508	34	2,673	60	240	5	1	0	0	0	4,423
Oct	6	5	118	32.62	656	17	3,081	80	100	3	1	0	0	0	3,838
Nov	6	5	109	36.04	846	22	2,943	75	128	3	1	0	0	0	3,918
Dec	6	5	53	52.06	512	19	2,153	78	81	3	0	0	0	0	2,745
Annual	6	6	1,410	33.08	22,062	47	21,402	46	3,107	7	47	0	20	0	46,639
Quarter 1	6	6	332	39.99	7,769	58	4,469	34	1,012	8	36	0	8	0	13,293
Quarter 2	6	6	404	28.55	6,892	60	3,715	32	903	8	5	0	11	0	11,527
Quarter 3	6	6	395	28.68	5,387	48	5,041	45	883	8	4	0	1	0	11,316
Quarter 4	6	5	279	37.63	2,014	19	8,177	78	309	3	2	0	0	0	10,502
First Semester	6	6	736	33.72	14,661	59	8,184	33	1,915	8	41	0	19	0	24,820
Second Semester	6	6	674	32.39	7,401	34	13,218	61	1,192	5	6	0	1	0	21,818

Country: OTHERS

Year: 2020

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	6	6	115	22.53	675	26	1,805	69	114	4	1	0	4	0	2,598
Feb	6	5	108	32.59	1,043	30	2,341	66	146	4	2	0	4	0	3,535
Mar	6	6	141	28.50	1,679	42	2,172	54	150	4	0	0	5	0	4,006
Apr	6	6	156	25.34	1,259	32	2,554	65	142	4	2	0	1	0	3,957
May	6	6	121	21.02	473	19	1,961	77	62	2	1	0	53	2	2,550
Jun	6	6	132	23.55	1,978	64	977	31	143	5	7	0	1	0	3,105
Jul	6	5	77	20.29	636	41	745	48	172	11	0	0	0	0	1,554
Aug	6	6	106	25.97	864	31	1,740	63	151	5	2	0	2	0	2,760
Sep	6	5	97	35.21	1,174	34	2,043	60	202	6	0	0	1	0	3,420
Oct	6	6	141	40.22	1,684	30	3,706	65	291	5	1	0	7	0	5,688
Nov	6	6	108	30.67	906	27	2,235	67	176	5	0	0	4	0	3,320
Dec	6	6	119	25.31	1,021	34	1,798	60	194	6	3	0	0	0	3,016
Annual	6	6	1,423	27.77	13,392	34	24,076	61	1,942	5	19	0	82	0	39,510
Quarter 1	6	6	364	27.83	3,397	34	6,318	62	409	4	3	0	13	0	10,140
Quarter 2	6	6	409	23.48	3,710	39	5,491	57	346	4	10	0	55	1	9,612
Quarter 3	6	5	280	27.62	2,674	35	4,528	59	526	7	2	0	3	0	7,733
Quarter 4	6	6	369	32.60	3,611	30	7,739	64	661	5	4	0	11	0	12,025
First Semester	6	6	774	25.53	7,107	36	11,809	60	755	4	13	0	68	0	19,752
Second Semester	6	6	649	30.45	6,285	32	12,267	62	1,186	6	6	0	14	0	19,758

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

(Database Closed on 16/04/2021)

Country: ALL

Semester 1, Years: 2010 - 2020

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	MT/Fishing day	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2010	1388	26.51	13,481	37	19,996	54	3,298	9	8	0	18	0	36,801
2011	1616	20.65	14,783	44	15,925	48	2,637	8	20	0	0	0	33,366
2012	1400	17.25	15,466	64	6,584	27	1,839	8	247	1	5	0	24,142
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	1416	32.48	20,319	44	20,162	44	5,297	12	93	0	130	0	46,002
2020	1894	27.44	24,145	46	25,333	49	2,369	5	41	0	81	0	51,968

Country: ALL

Semester 2, Years: 2010 - 2020

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	MT/Fishing day	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2010	938	23.05	13,732	64	6,465	30	1,379	6	35	0	0	0	21,611
2011	1136	22.79	15,719	61	8,026	31	2,110	8	40	0	0	0	25,895
2012	1696	19.71	23,569	71	7,996	24	1,858	6	7	0	0	0	33,430
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

Country: ALL

Years: 2010 - 2020

Year	Effort		Catch Rate		Catches (MT)								Total Catch (Mt)
	(Days Fished)	(MT/Fishing day)	Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)	
2010	2,326	25.11	27,213	47	26,461	45	4,678	8	42	0	18	0	58,412
2011	2,752	21.53	30,503	51	23,952	40	4,747	8	60	0	0	0	59,261
2012	3,096	18.60	39,036	68	14,580	25	3,697	6	254	0	5	0	57,572
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	2,575	32.85	35,805	42	40,906	48	7,634	9	111	0	155	0	84,610
2020	3,127	30.59	40,624	42	49,682	52	4,936	5	119	0	306	0	95,668

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

(Database Closed on 16/04/2021)

Country: ALL

Year: 2019

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	Bigeye (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	44	43	135	38.89	1,671	32	3,265	62	311	6	1	0	9	0	5,257
Feb	44	43	185	21.13	1,548	40	2,153	55	200	5	1	0	1	0	3,902
Mar	44	43	425	35.50	6,109	40	7,931	53	951	6	75	0	38	0	15,104
Apr	44	42	248	24.84	2,277	37	3,515	57	347	6	8	0	8	0	6,155
May	44	41	111	14.57	350	22	1,088	68	100	6	0	0	73	5	1,611
Jun	44	40	313	44.70	8,364	60	2,211	16	3,388	24	8	0	2	0	13,973
Jul	44	41	376	35.70	5,699	42	6,635	49	1,075	8	3	0	4	0	13,416
Aug	45	42	233	35.32	3,225	39	4,509	55	487	6	5	0	4	0	8,231
Sep	45	44	304	38.71	5,090	43	6,097	52	581	5	3	0	10	0	11,781
Oct	45	42	112	17.54	635	32	1,257	64	61	3	5	0	3	0	1,961
Nov	45	39	60	9.50	181	32	368	64	19	3	1	0	1	0	570
Dec	45	37	74	35.77	655	25	1,879	71	113	4	1	0	3	0	2,650
Annual	44	41	2,575	32.85	35,805	42	40,906	48	7,634	9	111	0	155	0	84,610
Quarter 1	44	43	745	32.56	9,328	38	13,349	55	1,462	6	77	0	48	0	24,263
Quarter 2	44	41	671	32.40	10,992	51	6,813	31	3,835	18	16	0	83	0	21,739
Quarter 3	45	42	913	36.61	14,014	42	17,241	52	2,143	6	11	0	17	0	33,427
Quarter 4	45	39	246	21.07	1,471	28	3,503	68	194	4	7	0	7	0	5,182
First Semester	44	42	1,416	32.48	20,319	44	20,162	44	5,297	12	93	0	130	0	46,002
Second Semester	45	41	1,159	33.31	15,485	40	20,744	54	2,337	6	18	0	25	0	38,609

Country: ALL

Year: 2020

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	Bigeye (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	45	44	338	26.53	2,765	31	5,908	66	280	3	1	0	10	0	8,965
Feb	44	42	135	23.88	819	25	2,279	71	121	4	3	0	1	0	3,223
Mar	44	42	508	30.35	5,558	36	9,335	60	508	3	5	0	27	0	15,434
Apr	44	43	316	19.33	2,026	33	3,837	63	209	3	2	0	25	0	6,099
May	44	44	180	16.20	926	32	1,902	65	88	3	1	0	6	0	2,923
Jun	44	43	416	36.81	12,050	79	2,072	14	1,163	8	29	0	12	0	15,325
Jul	44	39	212	27.92	3,001	51	2,330	39	558	9	1	0	21	0	5,911
Aug	44	44	306	43.64	4,745	36	7,736	58	708	5	59	0	102	1	13,349
Sep	44	43	356	47.94	6,492	38	9,494	56	968	6	15	0	74	0	17,042
Oct	44	43	165	29.46	1,388	29	3,241	67	210	4	2	0	23	0	4,864
Nov	44	42	94	16.32	511	33	946	62	74	5	0	0	1	0	1,531
Dec	44	37	101	9.88	343	34	603	60	50	5	1	0	5	1	1,002
Annual	44	42	3,127	30.59	40,624	42	49,682	52	4,936	5	119	0	306	0	95,668
Quarter 1	44	43	981	28.15	9,143	33	17,522	63	909	3	9	0	39	0	27,621
Quarter 2	44	43	912	26.69	15,001	62	7,812	32	1,460	6	32	0	42	0	24,347
Quarter 3	44	42	873	41.58	14,238	39	19,560	54	2,233	6	75	0	196	1	36,302
Quarter 4	44	41	360	20.53	2,242	30	4,790	65	334	5	3	0	29	0	7,398
First Semester	44	43	1,894	27.44	24,145	46	25,333	49	2,369	5	41	0	81	0	51,968
Second Semester	44	41	1,233	35.43	16,479	38	24,349	56	2,568	6	78	0	225	1	43,700

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

(Database Closed on 16/04/2021)

Country: SEYCHELLES

Year: 2019

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	56	24.20	248	18	1,045	78	44	3	0	0	8	1	1,345
Feb	13	12	50	17.07	260	31	548	65	38	5	1	0	0	0	846
Mar	13	13	90	31.51	1,103	39	1,604	56	138	5	2	0	0	0	2,846
Apr	13	13	76	21.36	516	32	1,014	62	94	6	2	0	0	0	1,626
May	13	13	34	5.57	55	29	126	66	10	5	0	0	0	0	191
Jun	13	12	92	30.35	1,465	52	810	29	518	19	1	0	0	0	2,793
Jul	13	11	84	41.29	1,190	34	2,082	60	182	5	0	0	0	0	3,454
Aug	13	12	53	38.50	623	31	1,290	64	109	5	1	0	0	0	2,022
Sep	13	13	56	40.56	925	41	1,229	54	126	6	0	0	0	0	2,279
Oct	13	12	25	5.45	43	31	91	66	4	3	0	0	0	0	138
Nov	13	8	8	19.97	55	34	102	63	5	3	1	1	0	0	163
Dec	13	7	10	38.76	163	42	198	51	23	6	1	0	0	0	384
Annual	13	12	634	28.55	6,643	37	10,138	56	1,290	7	9	0	8	0	18,088
Quarter 1	13	12	195	25.77	1,610	32	3,197	63	220	4	3	0	8	0	5,038
Quarter 2	13	13	202	22.78	2,036	44	1,950	42	621	13	3	0	0	0	4,610
Quarter 3	13	12	192	40.31	2,737	35	4,600	59	417	5	1	0	0	0	7,755
Quarter 4	13	9	43	15.80	260	38	391	57	31	5	2	0	0	0	685
First Semester	13	13	398	24.25	3,646	38	5,147	53	842	9	5	0	8	0	9,648
Second Semester	13	11	236	35.80	2,998	36	4,991	59	448	5	3	0	0	0	8,440

Country: SEYCHELLES

Year: 2020

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	13	155	27.94	1,223	28	2,951	68	160	4	0	0	1	0	4,336
Feb	13	13	82	27.89	610	27	1,576	69	89	4	1	0	1	0	2,276
Mar	13	13	163	29.64	1,482	31	3,154	65	182	4	0	0	16	0	4,835
Apr	13	13	104	15.38	394	25	1,124	70	65	4	0	0	20	1	1,602
May	13	13	35	9.67	111	33	216	63	12	4	0	0	1	0	340
Jun	13	12	80	19.70	928	59	442	28	197	13	2	0	6	0	1,574
Jul	13	13	52	18.21	314	34	549	59	70	7	0	0	5	1	938
Aug	13	13	83	32.42	606	22	1,933	72	154	6	0	0	10	0	2,703
Sep	13	13	108	47.74	1,930	37	2,918	57	293	6	0	0	10	0	5,151
Oct	13	12	36	23.69	219	25	585	68	57	7	1	0	0	0	863
Nov	13	11	29	8.10	96	41	124	53	12	5	0	0	0	0	232
Dec	13	8	33	11.56	97	26	254	67	26	7	0	0	3	1	381
Annual	13	12	960	26.28	8,012	32	15,824	63	1,318	5	4	0	72	0	25,230
Quarter 1	13	13	400	28.62	3,315	29	7,681	67	431	4	1	0	18	0	11,446
Quarter 2	13	13	219	16.04	1,433	41	1,781	51	274	8	2	0	27	1	3,516
Quarter 3	13	13	243	36.21	2,851	32	5,400	61	517	6	0	0	24	0	8,792
Quarter 4	13	10	98	15.05	412	28	963	65	96	6	1	0	4	0	1,476
First Semester	13	13	619	24.17	4,749	32	9,461	63	705	5	3	0	44	0	14,962
Second Semester	13	12	341	30.13	3,263	32	6,363	62	613	6	1	0	28	0	10,268

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

(Database Closed on 16/04/2021)

Country: SPAIN

Year: 2019

Month	Vessels	Vessels	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
	Licensed (Number)	Covered (Number)			(Mt)	(%)	(Mt)	(%)	Bigeye (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	14	14	45	63.32	950	34	1,668	59	211	7	0	0	0	0	2,828
Feb	14	14	86	25.34	842	39	1,217	56	110	5	0	0	0	0	2,169
Mar	14	13	131	40.70	1,734	33	3,224	61	331	6	34	1	0	0	5,322
Apr	14	13	55	26.69	276	19	1,130	77	65	4	0	0	0	0	1,470
May	14	12	34	22.67	129	17	591	77	51	7	0	0	0	0	770
Jun	14	12	76	54.22	1,572	38	643	16	1,884	46	0	0	0	0	4,098
Jul	14	13	108	43.29	1,466	31	2,774	60	416	9	0	0	0	0	4,656
Aug	15	14	54	25.01	376	28	903	67	64	5	0	0	0	0	1,342
Sep	15	15	60	36.18	865	40	1,194	55	119	5	0	0	0	0	2,178
Oct	15	14	28	17.77	119	24	366	73	18	4	0	0	0	0	504
Nov	15	15	31	6.86	73	34	131	62	9	4	0	0	0	0	212
Dec	15	14	30	33.35	313	31	635	63	61	6	0	0	0	0	1,008
Annual	14	14	737	36.06	8,713	33	14,474	54	3,338	13	34	0	0	0	26,559
Quarter 1	14	14	261	39.54	3,525	34	6,109	59	652	6	34	0	0	0	10,319
Quarter 2	14	12	165	38.50	1,977	31	2,363	37	1,999	32	0	0	0	0	6,339
Quarter 3	15	14	221	36.93	2,706	33	4,870	60	600	7	0	0	0	0	8,176
Quarter 4	15	14	89	19.27	505	29	1,132	66	87	5	0	0	0	0	1,724
First Semester	14	13	426	39.14	5,502	33	8,472	51	2,651	16	34	0	0	0	16,659
Second Semester	15	14	311	31.84	3,211	32	6,002	61	687	7	0	0	0	0	9,900

Country: SPAIN

Year: 2020

Month	Vessels	Vessels	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
	Licensed (Number)	Covered (Number)			(Mt)	(%)	(Mt)	(%)	Bigeye (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	15	14	41	16.44	288	42	368	54	22	3	0	0	0	0	678
Feb	15	14	12	0.00	0	0	0	0	0	0	0	0	0	0	0
Mar	15	14	139	33.51	1,319	28	3,158	68	168	4	0	0	1	0	4,647
Apr	15	15	101	23.99	781	32	1,557	64	88	4	0	0	4	0	2,430
May	15	11	54	18.63	301	30	660	66	36	4	0	0	0	0	997
Jun	15	15	110	48.37	4,096	77	555	10	642	12	6	0	3	0	5,302
Jul	15	12	69	31.56	804	37	1,183	54	183	8	0	0	15	1	2,185
Aug	15	15	97	53.48	1,309	25	3,548	68	259	5	0	0	87	2	5,203
Sep	15	15	99	55.80	1,909	34	3,226	58	348	6	0	0	62	1	5,545
Oct	15	15	48	37.69	504	28	1,194	67	77	4	0	0	21	1	1,795
Nov	15	15	25	14.29	89	25	252	71	16	4	0	0	0	0	356
Dec	15	13	31	7.25	71	32	143	64	10	4	0	0	0	0	224
Annual	15	14	825	35.58	11,471	39	15,843	54	1,849	6	6	0	193	1	29,362
Quarter 1	15	14	192	27.79	1,607	30	3,526	66	191	4	0	0	1	0	5,325
Quarter 2	15	14	264	33.01	5,178	59	2,771	32	767	9	6	0	7	0	8,729
Quarter 3	15	14	266	48.64	4,022	31	7,958	62	790	6	0	0	164	1	12,933
Quarter 4	15	14	103	22.97	664	28	1,588	67	102	4	0	0	21	1	2,375
First Semester	15	14	456	30.82	6,785	48	6,297	45	957	7	6	0	8	0	14,054
Second Semester	15	14	369	41.45	4,686	31	9,546	62	892	6	0	0	185	1	15,308

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

(Database Closed on 16/04/2021)

Country: FRANCE

Year: 2019

Month	Vessels		Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
	Licensed (Number)	Covered (Number)			(Mt)	(%)	(Mt)	(%)	Bigeye (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	12	12	20	45.28	387	42	481	52	48	5	0	0	0	0	916
Feb	11	11	28	21.75	315	52	257	42	39	6	0	0	0	0	611
Mar	11	11	129	32.40	1,520	36	2,364	57	242	6	9	0	34	1	4,169
Apr	11	10	58	22.74	463	35	780	59	65	5	3	0	2	0	1,313
May	11	10	30	18.05	142	26	289	54	35	6	0	0	73	14	540
Jun	11	10	88	39.85	2,294	66	671	19	524	15	6	0	1	0	3,497
Jul	11	11	108	29.46	1,623	51	1,324	41	240	8	2	0	4	0	3,193
Aug	11	10	81	43.38	1,796	51	1,484	42	248	7	3	0	4	0	3,534
Sep	11	10	121	41.78	2,365	47	2,446	48	233	5	3	0	9	0	5,056
Oct	11	11	43	22.72	365	37	575	59	26	3	5	0	3	0	974
Nov	11	11	11	11.59	39	31	83	66	2	2	0	0	1	1	125
Dec	11	11	26	19.78	128	25	366	71	17	3	0	0	3	1	514
Annual	11	11	743	32.90	11,437	47	11,120	45	1,718	7	31	0	136	1	24,442
Quarter 1	11	11	177	32.18	2,222	39	3,102	54	328	6	9	0	34	1	5,696
Quarter 2	11	10	175	30.50	2,899	54	1,740	33	625	12	9	0	77	1	5,350
Quarter 3	11	10	311	37.91	5,784	49	5,254	45	720	6	8	0	17	0	11,784
Quarter 4	11	11	80	20.26	532	33	1,023	63	45	3	5	0	7	0	1,612
First Semester	11	11	352	31.34	5,121	46	4,843	44	953	9	18	0	111	1	11,046
Second Semester	11	11	390	34.31	6,316	47	6,277	47	765	6	13	0	24	0	13,396

Country: FRANCE

Year: 2020

Month	Vessels		Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Catches (MT)		Albacore		Others		Total Catch (Mt)
	Licensed (Number)	Covered (Number)			(Mt)	(%)	(Mt)	(%)	Bigeye (Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	11	10	76	31.26	801	34	1,518	64	40	2	0	0	6	0	2,364
Feb	10	10	13	0.00	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0
Mar	10	9	114	28.63	1,459	45	1,733	53	73	2	5	0	5	0	3,276
Apr	10	9	61	16.63	461	45	538	53	15	1	0	0	0	0	1,014
May	10	10	58	17.77	380	37	628	61	18	2	1	0	5	0	1,032
Jun	10	10	122	46.41	5,099	90	338	6	188	3	14	0	2	0	5,642
Jul	10	9	53	39.55	1,434	68	481	23	183	9	1	0	0	0	2,099
Aug	10	10	112	43.76	2,687	55	1,878	38	256	5	59	1	4	0	4,885
Sep	10	10	100	43.84	1,763	40	2,400	55	213	5	15	0	2	0	4,392
Oct	10	10	43	24.79	385	36	649	61	26	2	0	0	1	0	1,060
Nov	10	10	17	13.26	106	46	122	53	3	1	0	0	0	0	232
Dec	10	10	28	10.67	144	48	148	49	7	2	1	0	2	1	302
Annual	10	10	797	33.01	14,719	56	10,433	40	1,023	4	96	0	27	0	26,298
Quarter 1	10	10	203	27.83	2,260	40	3,251	58	113	2	5	0	11	0	5,640
Quarter 2	10	10	241	31.95	5,940	77	1,505	20	222	3	15	0	7	0	7,689
Quarter 3	10	10	265	42.95	5,884	52	4,759	42	652	6	75	1	6	0	11,375
Quarter 4	10	10	89	18.00	635	40	919	58	36	2	1	0	3	0	1,594
First Semester	10	10	443	30.07	8,200	62	4,755	36	335	3	20	0	18	0	13,329
Second Semester	10	10	353	36.70	6,519	50	5,677	44	688	5	76	1	9	0	12,969

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

(Database Closed on 16/04/2021)

Country: OTHERS

Year: 2019

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	5	5	15	11.38	86	52	72	43	9	5	1	1	0	0	167
Feb	6	6	21	12.91	131	47	131	47	13	5	0	0	1	0	276
Mar	6	6	76	36.57	1,753	63	738	27	240	9	31	1	4	0	2,766
Apr	6	6	59	29.65	1,023	59	591	34	123	7	3	0	5	0	1,745
May	6	6	12	8.83	24	22	82	75	4	4	0	0	0	0	110
Jun	6	6	57	62.68	3,034	85	87	2	462	13	1	0	0	0	3,585
Jul	6	6	76	27.73	1,421	67	454	22	237	11	1	0	0	0	2,113
Aug	6	6	45	29.37	432	32	833	63	67	5	1	0	0	0	1,332
Sep	6	6	67	33.86	934	41	1,229	54	103	5	0	0	0	0	2,267
Oct	6	5	15	22.62	108	31	224	65	13	4	0	0	0	0	345
Nov	6	5	10	6.94	15	21	52	73	4	5	0	0	0	0	71
Dec	6	5	8	93.02	51	7	681	91	12	2	0	0	0	0	744
Annual	6	6	462	33.58	9,012	58	5,174	33	1,288	8	38	0	11	0	15,522
Quarter 1	6	6	112	28.73	1,970	61	940	29	262	8	32	1	5	0	3,210
Quarter 2	6	6	128	42.34	4,081	75	760	14	590	11	4	0	6	0	5,440
Quarter 3	6	6	189	30.30	2,786	49	2,517	44	407	7	2	0	0	0	5,712
Quarter 4	6	5	34	34.64	174	15	957	82	30	3	0	0	0	0	1,161
First Semester	6	6	240	36.01	6,051	70	1,700	20	852	10	36	0	11	0	8,649
Second Semester	6	6	222	30.96	2,961	43	3,474	51	437	6	2	0	0	0	6,873

Country: OTHERS

Year: 2020

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Days Fished)	Catch Rate (MT/Fishing day)	Yellowfin		Skipjack		Bigeye		Albacore		Others		Total Catch (Mt)
					(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
Jan	6	6	66	24.12	453	29	1,072	68	58	4	1	0	3	0	1,587
Feb	6	5	29	32.57	210	22	703	74	32	3	2	0	0	0	947
Mar	6	6	92	29.01	1,297	48	1,290	48	84	3	0	0	5	0	2,677
Apr	6	6	49	21.44	390	37	619	59	41	4	2	0	0	0	1,052
May	6	6	34	16.41	134	24	398	72	21	4	0	0	0	0	554
Jun	6	6	105	26.68	1,926	69	737	26	136	5	7	0	1	0	2,806
Jul	6	5	38	18.19	448	65	117	17	123	18	0	0	0	0	689
Aug	6	6	14	41.02	143	26	376	67	39	7	0	0	1	0	558
Sep	6	5	48	40.67	890	46	950	49	113	6	0	0	1	0	1,955
Oct	6	6	38	29.92	280	24	813	71	51	4	1	0	2	0	1,147
Nov	6	6	23	31.25	220	31	448	63	43	6	0	0	0	0	711
Dec	6	6	9	10.26	30	32	59	61	7	7	0	0	0	0	95
Annual	6	6	545	27.11	6,422	43	7,582	51	747	5	13	0	14	0	14,778
Quarter 1	6	6	187	27.84	1,960	38	3,064	59	174	3	3	0	9	0	5,211
Quarter 2	6	6	188	23.47	2,450	56	1,755	40	198	4	9	0	1	0	4,413
Quarter 3	6	5	100	32.17	1,481	46	1,444	45	275	9	0	0	2	0	3,201
Quarter 4	6	6	70	27.75	531	27	1,319	68	100	5	1	0	2	0	1,953
First Semester	6	6	375	25.65	4,411	46	4,819	50	372	4	12	0	10	0	9,623
Second Semester	6	6	170	30.34	2,012	39	2,763	54	375	7	1	0	4	0	5,154

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

(Database Closed on 16/04/2021)

Country: SEYCHELLES

Year: 2019

Area	Quarter	Effort Days Fished	Catch Rate MT/Fishing day	Catches										Total (Mt)	Cummulative Total (Mt)
				Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)		
SYC EEZ	1	195	25.77	1,610	32	3,197	63	220	4	3	0	8	0.2	5,038	5,038
	2	202	22.78	2,036	44	1,950	42	621	13	3	0	0	0.0	4,610	9,648
	3	192	40.31	2,737	35	4,600	59	417	5	1	0	0	0.0	7,755	17,403
	4	43	15.80	260	38	391	57	31	5	2	0	0	0.0	685	18,088
SYC EEZ Total		634	28.55	6,643	37	10,138	56	1,290	7	9	0	8	0	18,088	
Foreign EEZ	1	227	45.85	2,535	24	7,049	68	836	8	1	0	8	0.1	10,428	10,428
	2	229	49.00	3,510	31	6,799	61	923	8	0	0	0	0.0	11,232	21,660
	3	15	49.80	117	16	615	82	15	2	0	0	0	0.0	747	22,407
	4	17	11.69	52	26	142	70	9	4	0	0	0	0.0	202	22,609
Foreign EEZ Total		489	46.24	6,214	27	14,605	65	1,782	8	1	0	8	0	22,609	
High Seas	1	450	41.63	5,017	27	12,600	67	1,083	6	2	0	44	0.2	18,746	18,746
	2	366	25.09	2,992	33	5,752	63	435	5	1	0	0	0.0	9,181	27,927
	3	587	42.15	6,419	26	16,951	69	1,352	5	0	0	15	0.1	24,736	52,663
	4	397	48.55	5,721	30	12,871	67	597	3	1	0	71	0.4	19,262	71,924
High Seas Total		1,800	39.96	20,149	28	48,174	67	3,467	5	4	0	130	0	71,924	
WIO Total	1	873	39.18	9,162	27	22,846	67	2,138	6	6	0	60	0	34,212	34,212
	2	798	31.37	8,538	34	14,502	58	1,979	8	4	0	0	0	25,023	59,235
	3	794	41.85	9,273	28	22,166	67	1,783	5	1	0	15	0	33,238	92,473
	4	457	44.05	6,033	18	13,404	40	637	2	3	0	71	0	20,148	112,621
Grand Total		2,922	38.54	33,006	29	72,917	65	6,538	6	14	0	146	0	112,621	

Country: SEYCHELLES

Year: 2020

Area	Quarter	Effort Days Fished	Catch Rate MT/Fishing day	Catches										Total (Mt)	Cummulative Total (Mt)
				Yellowfin (Mt)	(%)	Skipjack (Mt)	(%)	Bigeye (Mt)	(%)	Albacore (Mt)	(%)	Others (Mt)	(%)		
SYC EEZ	1	400	28.62	3,315	29	7,681	67	431	4	1	0	18	0.2	11,446	11,446
	2	219	16.04	1,433	41	1,781	51	274	8	2	0	27	0.8	3,516	14,962
	3	243	36.21	2,851	32	5,400	61	517	6	0	0	24	0.3	8,792	23,754
	4	98	15.05	412	28	963	65	96	6	1	0	4	0.2	1,476	25,230
SYC EEZ Total		960	26.28	8,012	32	15,824	63	1,318	5	4	0	72	0	25,230	
Foreign EEZ	1	295	48.44	3,794	27	9,533	67	926	6	0	0	30	0.2	14,283	14,283
	2	209	45.72	2,486	26	6,453	67	633	7	0	0	4	0.0	9,575	23,859
	3	19	4.06	14	19	56	75	5	7	0	0	0	0.0	75	23,934
	4	22	3.04	11	16	52	78	3	5	0	0	0	0.3	66	24,000
Foreign EEZ Total		545	44.06	6,305	26	16,094	67	1,567	7	0	0	34	0	24,000	
High Seas	1	226	30.57	1,970	29	4,669	68	252	4	1	0	16	0.2	6,908	6,908
	2	402	19.26	1,422	18	6,018	78	209	3	1	0	83	1.1	7,733	14,641
	3	583	42.71	5,689	23	17,839	72	1,290	5	1	0	95	0.4	24,913	39,554
	4	506	46.33	7,104	30	15,042	64	1,257	5	1	0	43	0.2	23,446	63,000
High Seas Total		1,717	36.69	16,185	26	43,567	69	3,008	5	4	0	236	0	63,000	
WIO Total	1	921	35.45	9,080	27	21,883	64	1,609	5	2	0	63	0	32,637	32,637
	2	830	25.09	5,341	21	14,252	57	1,116	4	3	0	113	0	20,825	53,462
	3	845	40.00	8,553	26	23,295	70	1,812	5	1	0	119	0	33,780	87,242
	4	626	39.92	7,527	37	16,057	80	1,356	7	2	0	47	0	24,989	112,231
Grand Total		3,221	34.84	30,502	27	75,486	67	5,893	5	8	0	342	0	112,231	

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

(Database Closed on 16/04/2021)

Country: ALL

Year: 2019

Quarter	Flag	Effort - Days Fished			Total Catch		
		Seychelles EEZ	Foreign EEZ	High Seas	Seychelles EEZ	Foreign EEZ	High Seas
1	Seychelles	22%	26%	52%	15%	30%	55%
	Spain	26%	4%	70%	20%	4%	76%
	France	31%	8%	62%	27%	9%	64%
	Others	34%	17%	49%	24%	10%	66%
Quarter 1 Total		27%	13%	60%	20%	13%	67%
2	Seychelles	25%	29%	46%	18%	45%	37%
	Spain	20%	1%	79%	20%	0%	80%
	France	39%	2%	59%	47%	1%	53%
	Others	32%	1%	67%	47%	0%	53%
Quarter 2 Total		27%	10%	63%	27%	14%	58%
3	Seychelles	24%	2%	74%	23%	2%	74%
	Spain	22%	2%	77%	19%	4%	77%
	France	61%	1%	38%	68%	0%	32%
	Others	48%	1%	51%	50%	0%	49%
Quarter 3 Total		34%	2%	65%	32%	2%	66%
4	Seychelles	9%	4%	87%	3%	1%	96%
	Spain	10%	1%	89%	3%	1%	96%
	France	15%	1%	84%	8%	0%	92%
	Others	12%	0%	88%	11%	1%	88%
Quarter 4 Total		11%	2%	87%	5%	1%	94%
Semester 1		27%	12%	61%	23%	14%	63%
Semester 2		24%	2%	75%	19%	1%	80%
Year Total		25%	7%	68%	21%	7%	72%

Country: ALL

Year: 2020

Quarter	Flag	Effort - Days Fished			Total Catch		
		Seychelles EEZ	Foreign EEZ	High Seas	Seychelles EEZ	Foreign EEZ	High Seas
1	Seychelles	43%	32%	25%	35%	44%	21%
	Spain	20%	1%	80%	18%	1%	81%
	France	34%	5%	61%	34%	5%	62%
	Others	51%	1%	48%	51%	0%	49%
Quarter 1 Total		34%	12%	54%	31%	17%	52%
2	Seychelles	26%	25%	48%	17%	46%	37%
	Spain	24%	1%	75%	27%	0%	73%
	France	51%	2%	47%	62%	1%	37%
	Others	46%	1%	53%	46%	0%	54%
Quarter 2 Total		33%	8%	59%	32%	13%	55%
3	Seychelles	29%	2%	69%	26%	0%	74%
	Spain	29%	3%	68%	31%	0%	69%
	France	61%	5%	34%	71%	1%	28%
	Others	36%	6%	59%	41%	2%	57%
Quarter 3 Total		35%	3%	61%	37%	0%	63%
4	Seychelles	16%	3%	81%	6%	0%	94%
	Spain	11%	2%	87%	6%	0%	94%
	France	19%	1%	80%	13%	1%	87%
	Others	19%	3%	78%	16%	0%	84%
Quarter 4 Total		15%	2%	83%	8%	0%	92%
Semester 1		33%	10%	57%	32%	15%	53%
Semester 2		25%	3%	72%	23%	0%	77%
Year Total		30%	7%	64%	27%	7%	66%

TABLE 1.5A Time Series Catch Statistics by School Type and Species for Purse Seiners in WIO
 (Database Closed on 16/04/2021)

Country: ALL Area: WIO Years: 2010 - 2020

School Type	Species	Catch(MT)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Free School	YFT	31,579	34,431	65,283	34,461	46,270	62,075	47,714	46,797	14,228	30,852	19,436
	SKJ	10,396	9,456	3,794	5,464	6,495	7,558	7,627	6,250	5,304	25,427	5,236
	BET	3,796	6,107	7,404	4,207	5,840	9,638	2,666	10,054	2,134	5,659	1,597
	ALB	142	663	1,147	449	340	415	326	392	16	90	103
	OTH	0	0	32	4	24	56	10	5	2	38	11
	Free School Total	45,913	50,657	77,659	44,584	58,969	79,741	58,343	63,498	21,684	62,067	26,383
FAD Associated School	YFT	71,495	76,031	65,659	100,764	80,485	73,651	98,936	91,138	122,643	96,381	91,107
	SKJ	143,369	117,518	78,320	111,287	122,601	120,497	174,236	191,342	262,886	218,295	217,497
	BET	18,295	13,735	9,585	20,539	15,393	15,379	19,762	19,549	20,598	18,363	15,046
	ALB	45	81	59	50	181	121	95	80	87	67	32
	OTH	46	28	18	202	147	133	274	1,023	1,876	1,016	2,470
	FAD Associated School Total	233,249	207,394	153,641	232,842	218,807	209,781	293,303	303,132	408,091	334,123	326,153
Unidentified School	YFT	54	111	115	137	45	71	113	35	3,401	1,674	209
	SKJ	17	176	49	302	9	88	161	87	6,126	8,408	870
	BET	11	23	6	14	4	22	8	5	529	138	59
	ALB	0	0	0	0	3	0	0	1	0	0	0
	OTH	0	0	6	0	0	0	0	0	1	46	0
	Unidentified School Total	82	311	176	452	61	181	282	127	10,057	10,266	1,138
Total WIO Catch	YFT	103,127	110,574	131,057	135,361	126,800	135,797	146,763	137,970	140,273	128,907	110,752
	SKJ	153,782	127,150	82,163	117,053	129,105	128,143	182,024	197,680	274,315	252,131	223,603
	BET	22,102	19,864	16,995	24,760	21,236	25,039	22,435	29,608	23,261	24,160	16,702
	ALB	187	744	1,206	499	524	421	472	157	103	135	135
	OTH	46	28	56	206	172	188	284	1,027	1,879	1,100	2,481
	Total WIO	279,244	258,361	231,477	277,879	277,837	289,704	351,927	366,757	439,831	406,455	353,675

Country: ALL Area: WIO Years: 2010 - 2020

School Type	Species	Catch(%)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Free School	YFT	69%	68%	84%	77%	78%	78%	82%	74%	66%	50%	74%
	SKJ	23%	19%	5%	12%	11%	9%	13%	10%	24%	41%	20%
	BET	8%	12%	10%	9%	10%	12%	5%	16%	10%	9%	6%
	ALB	0%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Free School	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FAD Associated School	YFT	31%	37%	43%	43%	37%	35%	34%	30%	30%	29%	28%
	SKJ	61%	57%	51%	48%	56%	57%	59%	63%	64%	65%	67%
	BET	8%	7%	6%	9%	7%	7%	7%	6%	5%	5%	5%
	ALB	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	FAD Associated School	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unidentified School	YFT	66%	36%	65%	30%	73%	39%	40%	27%	34%	16%	18%
	SKJ	21%	57%	28%	67%	15%	49%	57%	68%	61%	82%	76%
	BET	13%	7%	3%	3%	7%	12%	3%	4%	5%	1%	5%
	ALB	0%	0%	0%	0%	5%	0%	0%	1%	0%	0%	0%
	OTH	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%
	Unidentified School	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total WIO	Free School	16%	20%	34%	16%	21%	28%	17%	5%	15%	7%	
	FAD Associated School	84%	80%	66%	84%	79%	72%	83%	93%	82%	92%	
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	2%	3%	0%	

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

(Database Closed on 16/04/2021)

Country: ALL Area: SYC EEZ Years: 2010 - 2020

School Type	Species	Catch(MT)											
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Free School	YFT	13,869	17,352	28,264	7,225	14,758	13,993	21,467	18,966	3,303	15,134	16,934	
	SKJ	1,299	1,719	636	670	1,263	1,813	3,172	1,671	458	5,617	3,040	
	BET	872	1,969	2,004	784	1,783	1,410	818	2,823	434	3,552	1,302	
	ALB	39	48	251	157	51	47	75	195	4	86	99	
	OTH	0	0	0	0	0	41	6	1	1	7	10	
	Free School Total		16,079	21,088	31,155	8,836	17,854	17,305	25,540	23,657	4,201	24,397	21,385
FAD Associated School	YFT	13,294	13,145	10,771	11,068	13,959	9,988	20,777	17,042	26,668	20,447	23,625	
	SKJ	25,150	22,100	13,945	12,962	21,464	19,534	42,837	29,657	52,340	34,481	46,486	
	BET	3,797	2,777	1,693	2,910	2,392	2,147	3,610	2,824	3,765	4,057	3,632	
	ALB	4	12	4	4	31	40	52	20	25	24	20	
	OTH	18	0	5	89	93	27	79	77	142	139	296	
	FAD Associated School Total		42,262	38,034	26,417	27,033	37,939	31,736	67,354	49,620	82,940	59,149	74,059
Unidentified School	YFT	49	6	0	50	0	4	29	23	351	224	65	
	SKJ	12	132	0	88	0	2	32	55	1,101	808	157	
	BET	9	1	0	5	0	0	3	3	56	25	2	
	ALB	0	0	0	0	0	0	0	1	0	0	0	
	OTH	0	0	0	0	0	0	0	0	0	8	0	
	Unidentified School Total		71	139	0	143	0	6	64	83	1,507	1,065	224
Total EEZ Catch	YFT	27,213	30,503	39,036	18,343	28,717	23,985	42,273	36,032	30,322	35,805	40,624	
	SKJ	26,461	23,952	14,580	13,721	22,726	21,348	46,042	31,383	53,899	40,906	49,682	
	BET	4,678	4,747	3,697	3,698	4,175	3,558	4,431	5,651	4,255	7,634	4,936	
	ALB	42	60	254	161	83	87	30	215	127	111	119	
	OTH	18	0	5	89	93	68	85	78	143	155	306	
	Total		58,412	59,261	57,572	36,013	55,794	49,046	92,958	73,360	88,649	84,610	95,668

Country: ALL Area: SYC EEZ Years: 2010 - 2020

School Type	Species	Catch(%)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Free School	YFT	86%	82%	91%	82%	83%	81%	84%	80%	79%	62%	79%
	SKJ	8%	8%	2%	8%	7%	10%	12%	7%	11%	23%	14%
	BET	5%	9%	6%	9%	10%	8%	3%	12%	10%	15%	6%
	ALB	0%	0%	1%	2%	0%	0%	0%	1%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Free School Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
FAD Associated School	YFT	31%	35%	41%	41%	37%	31%	34%	31%	34%	35%	32%
	SKJ	60%	58%	53%	48%	57%	62%	64%	60%	63%	58%	63%
	BET	9%	7%	6%	11%	6%	7%	5%	6%	5%	7%	5%
	ALB	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	FAD Associated School Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unidentified School	YFT	70%	4%	0%	35%	0%	65%	46%	28%	23%	21%	29%
	SKJ	17%	95%	0%	62%	0%	33%	51%	66%	73%	76%	70%
	BET	13%	1%	0%	3%	0%	2%	4%	4%	4%	2%	1%
	ALB	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
	OTH	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
	Unidentified School Total		100%	100%	0%	100%	0%	100%	100%	100%	100%	100%
Total EEZ	Free School	28%	36%	54%	25%	32%	35%	27%	32%	5%	29%	22%
	FAD Associated School	72%	64%	46%	75%	68%	65%	72%	68%	94%	70%	77%
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%

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

(Database Closed on 16/04/2021)

Country: ALL

Area: WIO

Years: 2010 - 2020

Agreement	School Type	Catch(MT)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National	Free School	8,349	10,786	14,109	7,171	8,035	21,622	9,185	18,557	3,665	7,002	2,797
	FAD associated School	67,427	52,291	36,829	49,883	52,220	67,108	99,169	103,566	119,544	97,623	109,383
	Unidentified School	10	135	0	270	0	10	260	79	102	7,996	51
National Total	All Schools	75,787	63,212	50,938	57,324	60,255	88,740	108,613	122,202	123,310	112,621	112,231
European Community	Free School	32,670	31,778	48,006	29,026	41,457	50,974	36,242	37,847	10,687	38,933	17,697
	FAD associated School	151,747	136,727	100,616	157,687	150,783	127,946	172,239	178,662	261,898	210,930	188,576
	Unidentified School	71	34	176	133	61	172	22	26	9,955	2,219	1,064
European Community Total	All Schools	184,488	168,539	148,798	186,845	192,301	179,091	208,503	216,535	282,540	252,082	207,338
Others	Free School	4,894	8,093	15,545	8,388	9,476	7,145	12,916	7,093	7,332	16,132	5,889
	FAD associated School	14,075	18,376	16,196	25,272	15,804	14,727	21,895	20,905	26,649	25,570	28,194
	Unidentified School	0	142	0	49	0	0	0	22	0	50	23
Others Total	All Schools	18,969	26,610	31,740	33,710	25,280	21,873	34,811	28,020	33,981	41,753	34,106
Grand Total		279,244	258,361	231,477	277,879	277,837	289,704	351,927	366,757	439,831	406,455	353,675

Agreement	School Type	Catch(%)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National	Free School	11%	17%	28%	13%	13%	24%	8%	15%	3%	6%	2%
	FAD associated School	89%	83%	72%	87%	87%	76%	91%	85%	97%	87%	97%
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
National Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
European Community	Free School	18%	19%	32%	16%	22%	28%	17%	17%	4%	15%	9%
	FAD associated School	82%	81%	68%	84%	78%	71%	83%	83%	93%	84%	91%
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	0%	4%	1%	1%
European Community Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Others	Free School	26%	30%	49%	25%	37%	33%	37%	25%	22%	39%	17%
	FAD associated School	74%	69%	51%	75%	63%	67%	63%	75%	78%	61%	83%
	Unidentified School	0%	1%	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 16/04/2021)

Country: ALL

Area: SYC EEZ

Years: 2010 - 2020

Agreement	School Type	Catch(MT)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National	Free School	2,756	4,135	5,661	1,014	1,001	3,028	3,194	4,940	357	3,204	2,173
	FAD associated School	8,067	8,918	4,585	5,457	6,574	8,617	17,946	10,575	24,444	14,007	23,006
	Unidentified School	0	135	0	21	0	6	47	57	10	877	51
National Total	All Schools	10,823	13,187	10,246	6,492	7,575	11,650	21,187	15,572	24,812	18,088	25,230
European Community	Free School	11,284	13,764	18,047	6,064	14,726	12,271	16,494	15,950	2,566	14,764	14,639
	FAD associated School	30,986	26,253	17,250	16,540	27,908	20,235	43,937	33,610	51,864	38,515	43,172
	Unidentified School	71	4	0	113	0	0	17	26	1,497	188	162
European Community Total	All Schools	42,341	40,021	35,298	22,717	42,633	32,506	60,448	49,586	55,927	53,467	57,973
Others	Free School	2,039	3,189	7,446	1,758	2,128	2,006	5,851	2,767	1,277	6,429	4,573
	FAD associated School	3,209	2,864	4,583	5,036	3,457	2,884	5,472	5,435	6,632	6,627	7,882
	Unidentified School	0	0	0	9	0	0	0	0	0	0	10
Others Total	All Schools	5,247	6,053	12,029	6,804	5,586	4,890	11,323	8,202	7,910	13,056	12,465
Grand Total		58,412	59,261	57,572	36,013	55,794	49,046	92,958	73,360	88,649	84,610	95,668

Agreement	School Type	Catch(%)										
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National	Free School	25%	31%	55%	16%	13%	26%	15%	32%	1%	18%	9%
	Seychelles	75%	68%	45%	84%	87%	74%	85%	68%	99%	77%	91%
	Unidentified School	0%	1%	0%	0%	0%	0%	0%	0%	0%	5%	0%
National Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
European Community	Free School	27%	34%	51%	27%	35%	38%	27%	32%	5%	28%	25%
	FAD associated School	73%	66%	49%	73%	65%	62%	73%	68%	93%	72%	74%
	Unidentified School	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
European Community Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Others	Free School	39%	53%	62%	26%	38%	41%	52%	34%	16%	49%	37%
	FAD associated School	61%	47%	38%	74%	62%	59%	48%	66%	84%	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 16/04/2021)

Area: SEYCHELLES EEZ

Year: 2019

Access Regime	Quarter	Effort	Catch Rate	Catches		Skipjack		Bigeye		Albacore		Others		Total	Cummulative
		Days Fished	MT/Fishing day	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(Mt)
National	1	195	25.77	1,610	32	3,197	63	220	4	3	0	8	0.2	5,038	5,038
	2	202	22.78	2,036	44	1,950	42	621	13	3	0	0	0.0	4,610	9,648
	3	192	40.31	2,737	35	4,600	59	417	5	1	0	0	0.0	7,755	17,403
	4	43	15.80	260	38	391	57	31	5	2	0	0	0.0	685	18,088
National Total		634	28.55	6,643	37	10,138	56	1,290	7	9	0	8	0	18,088	
EC Agreement	1	462	36.12	6,081	36	9,487	57	1,028	6	73	0	35	0.2	16,705	16,705
	2	353	34.90	5,373	44	4,154	34	2,724	22	9	0	77	0.6	12,336	29,041
	3	576	36.62	8,949	42	10,733	51	1,382	7	8	0	17	0.1	21,090	50,131
	4	169	19.73	1,037	31	2,155	65	132	4	5	0	7	0.2	3,336	53,467
EC Agreement Total		1,561	34.25	21,439	40	26,529	50	5,266	10	96	0	137	0	53,467	
Others	1	87	28.87	1,637	65	664	26	214	9	1	0	4	0.2	2,520	2,520
	2	115	41.63	3,583	75	709	15	490	10	4	0	6	0.1	4,793	7,313
	3	145	31.63	2,328	51	1,908	42	344	8	2	0	0	0.0	4,582	11,895
	4	34	34.64	174	15	957	82	30	3	0	0	0	0.0	1,161	13,056
Others Total		381	34.29	7,723	59	4,238	32	1,078	8	7	0	10	0	13,056	
All Agreements	1	745	32.56	9,328	38	13,349	55	1,462	6	77	0	48	0	24,263	24,263
	2	671	32.40	10,992	51	6,813	31	3,835	18	16	0	83	0	21,739	46,002
	3	913	36.61	14,014	42	17,241	52	2,143	6	11	0	17	0	33,427	79,429
	4	246	21.07	1,471	28	3,503	68	194	4	7	0	7	0	5,182	84,610
Grand Total		2,575	32.85	35,805	42	40,906	48	7,634	9	111	0	155	0	84,610	

EC Agreement: Includes Spain, France and Italy

Other Agreement: Includes Korea and Mauritius

Area: SEYCHELLES EEZ

Year: 2020

Access Regime	Quarter	Effort	Catch Rate	Catches		Skipjack		Bigeye		Albacore		Others		Total	Cummulative
		Days Fished	MT/Fishing day	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(Mt)
National	1	400	28.62	3,315	29	7,681	67	431	4	1	0	18	0.2	11,446	11,446
	2	219	16.04	1,433	41	1,781	51	274	8	2	0	27	0.8	3,516	14,962
	3	243	36.21	2,851	32	5,400	61	517	6	0	0	24	0.3	8,792	23,754
	4	98	15.05	412	28	963	65	96	6	1	0	4	0.2	1,476	25,230
National Total		960	26.28	8,012	32	15,824	63	1,318	5	4	0	72	0	25,230	
EC Agreement	1	418	27.60	4,099	36	7,092	61	326	3	5	0	12	0.1	11,533	11,533
	2	557	31.06	11,639	67	4,582	26	1,035	6	23	0	15	0.1	17,292	28,826
	3	554	45.40	10,379	41	13,037	52	1,495	6	75	0	170	0.7	25,156	53,982
	4	200	19.93	1,313	33	2,513	63	139	3	1	0	24	0.6	3,991	57,973
EC Agreement Total		1,729	33.53	27,430	47	27,224	47	2,995	5	104	0	221	0	57,973	
Others	1	164	28.38	1,729	37	2,749	59	152	3	3	0	9	0.2	4,642	4,642
	2	136	25.95	1,930	55	1,449	41	151	4	7	0	1	0.0	3,538	8,180
	3	76	30.89	1,007	43	1,123	48	222	9	0	0	2	0.1	2,354	10,534
	4	62	31.13	516	27	1,313	68	99	5	1	0	2	0.1	1,931	12,465
Others Total		438	28.45	5,182	42	6,634	53	624	5	11	0	13	0	12,465	
All Agreements	1	981	28.15	9,143	38	17,522	72	909	4	9	0	39	0	27,621	27,621
	2	912	26.69	15,001	69	7,812	36	1,460	7	32	0	42	0	24,347	51,968
	3	873	41.58	14,238	43	19,560	59	2,233	7	75	0	196	1	36,302	88,270
	4	360	20.53	2,242	43	4,790	92	334	6	3	0	29	1	7,398	95,668
Grand Total		3,127	30.59	40,624	48	49,682	59	4,936	6	119	0	306	0	95,668	

EC Agreement: Includes Spain, France and Italy

Other Agreement: Includes Korea and Mauritius

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

(Database Closed on 16/04/2021)

Country: ALL

Semester 1, Years: 2010 - 2020

Year	PORT					Total Grand Total	% of Total Landing & Transshipment In Seychelles
	SEYCHELLES	DIEGO SUAREZ	MAURICE	MOMBASA	OTHERS		
2010	93,761	31,587	4,586	2,694	0	132,627	71%
2011	89,174	20,174	13,454	1,040	0	123,843	72%
2012	92,675	19,595	13,000	2,937	0	128,207	72%
2013	94,013	19,955	8,951	0	0	122,919	76%
2014	114,826	3,023	9,390	3,971	0	131,211	88%
2015	127,488	7,679	3,093	3,241	0	141,501	90%
2016	141,230	3,335	2,285	0	0	146,851	96%
2017	176,719	6,558	1,879	0	0	185,156	95%
2018	216,243	1,483	6,018	0	0	223,744	97%
2019	196,321	1,365	3,220	0	0	200,906	98%
2020	155,825	4,642	2,133	0	0	162,601	96%

Country: ALL

Semester 2, Years: 2010 - 2020

Year	PORT					Total Grand Total	% of Total Landing & Transshipment In Seychelles
	SEYCHELLES	DIEGO SUAREZ	MAURICE	MOMBASA	OTHERS*		
2010	134,308		4,844	1,883	0	141,035	95%
2011	124,988		9,606	409	0	135,003	93%
2012	94,065	1,001	8,844	3,340	0	107,251	88%
2013	139,561	4,287	9,297	1,527	0	154,672	90%
2014	130,948	1,514	7,368	1,507	0	141,338	93%
2015	141,361	175	2,981	0	0	144,517	98%
2016	187,068		3,171	0	0	190,238	98%
2017	165,151	1,301	3,336	0	0	169,788	97%
2018	207,497		1,188	0	0	208,686	99%
2019	191,387	13,776	743	0	0	205,906	93%
2020	177,327	5,049	3,920	1,810	553	188,659	94%

*Others include South Korea

Country: ALL

Years: 2010 - 2020

Year	PORT					Total Grand Total	% of Total Landing & Transshipment In Seychelles
	SEYCHELLES	DIEGO SUAREZ	MAURICE	MOMBASA	OTHERS*		
2010	228,069	31,587	9,429	4,576	0	273,661	83%
2011	214,163	20,174	23,061	1,449	0	258,846	83%
2012	186,740	20,597	21,844	6,277	0	235,458	79%
2013	233,574	24,242	18,247	1,527	0	277,591	84%
2014	245,774	4,538	16,758	5,479	0	272,549	90%
2015	268,849	7,855	6,074	3,241	0	286,019	94%
2016	328,298	3,335	5,456	0	0	337,089	97%
2017	341,870	7,859	5,215	0	0	354,944	96%
2018	423,740	1,483	7,206	0	0	432,430	98%
2019	387,708	15,141	3,963	0	0	406,812	95%
2020	333,152	9,691	6,053	1,810	553	351,260	95%

*Others include South Korea

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

(Database Closed on 16/04/2021)

Port: VICTORIA, SEYCHELLES

Year: 2019

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)					
Jan	12,173	13,906	2,768		14,282	43,129		43,129	44,662	97%
Feb	5,366	7,964	812		15,638	29,779		29,779	29,779	100%
Mar	8,223	12,861	2,459	40	16,093	39,676		39,676	40,637	98%
Apr	6,121	11,599	2,672	1	10,627	31,019		31,019	31,019	100%
May	7,708	7,391	1,664		15,020	31,783		31,783	33,148	96%
Jun	7,799	9,454	1,819	7	1,855	20,933		20,933	21,659	97%
Jul	9,347	4,363	2,529		4,750	20,988	1	20,990	21,066	100%
Aug	8,022	15,495	4,804		6,485	34,806	42	34,848	36,528	95%
Sep	7,325	14,879	2,033		9,696	33,934		33,934	37,961	89%
Oct	9,375	21,823	2,026		6,544	39,768		39,768	41,758	95%
Nov	8,854	21,572	2,169		3,962	36,558	228	36,787	43,531	85%
Dec	5,193	16,814	1,538		1,516	25,061		25,061	25,061	100%
Annual	95,508	158,121	27,293	47	106,467	387,436	272	387,708	406,812	95%
Quarter 1	25,762	34,731	6,039	40	46,012	112,584	0	112,584	115,079	98%
Quarter 2	21,628	28,444	6,154	7	27,503	83,736	0	83,736	85,827	98%
Quarter 3	24,695	34,737	9,366	0	20,930	89,728	43	89,771	95,555	94%
Quarter 4	23,423	60,209	5,733	0	12,022	101,387	228	101,616	110,351	92%
First Semester	47,390	63,175	12,194	47	73,515	196,321	0	196,321	200,906	98%
Second Semester	48,118	94,946	15,099	0	32,952	191,115	272	191,387	205,906	93%

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

Port: VICTORIA, SEYCHELLES

Year: 2020

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)					
Jan	5,961	11,630	1,725		1,540	20,856		20,856	21,857	95%
Feb	7,175	17,172	1,415		2,967	28,730		28,730	31,593	91%
Mar	8,848	17,016	1,852		4,277	31,993		31,993	33,261	96%
Apr	5,315	10,716	1,132	3	4,001	21,165		21,165	21,165	100%
May	5,872	14,130	1,319	1	5,168	26,491		26,491	27,369	97%
Jun	8,732	12,837	1,862	18	3,141	26,591		26,591	27,355	97%
Jul	12,380	4,642	2,351	5	961	20,339		20,339	21,295	96%
Aug	6,318	13,366	2,096		4,551	26,331	4	26,335	26,586	99%
Sep	12,393	22,070	2,364	53	4,211	41,092		41,092	43,955	93%
Oct	10,766	22,124	2,356	16	11,371	46,633		46,633	51,432	91%
Nov	8,254	18,588	2,711	0	4,483	34,036		34,036	36,498	93%
Dec	1,703	2,971	581		3,637	8,892		8,892	8,892	100%
Annual	93,717	167,262	21,765	97	50,309	333,149	4	333,152	351,260	95%
Quarter 1	21,984	45,817	4,992	0	8,785	81,578	0	81,578	86,711	94%
Quarter 2	19,919	37,683	4,313	22	12,310	74,247	0	74,247	75,890	98%
Quarter 3	31,090	40,079	6,811	59	9,723	87,762	4	87,765	91,837	96%
Quarter 4	20,723	43,683	5,648	16	19,491	89,561	0	89,561	96,822	93%
First Semester	41,903	83,500	9,305	22	21,095	155,825	0	155,825	162,601	96%
Second Semester	51,814	83,761	12,459	75	29,214	177,323	4	177,327	188,659	94%

* 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 Diego Suarez

(Database Closed on 16/04/2021)

Port: DIEGO SUAREZ, MADAGASCAR

Year: 2019

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)					
Jan	0	0	0	0	0	0	0	0	44,662	0%
Feb	0	0	0	0	0	0	0	0	29,779	0%
Mar	0	0	0	0	0	0	0	0	40,637	0%
Apr	0	0	0	0	0	0	0	0	31,019	0%
May	422	625	318	0	0	1,365	0	1,365	33,148	4%
Jun	0	0	0	0	0	0	0	0	21,659	0%
Jul	0	0	0	0	0	0	0	0	21,066	0%
Aug	246	1,384	51	0	0	1,681	0	1,681	36,528	5%
Sep	719	2,866	442	0	0	4,026	0	4,026	37,961	11%
Oct	226	1,075	23	0	0	1,324	0	1,324	41,758	3%
Nov	831	3,887	452	0	1,575	6,745	0	6,745	43,531	15%
Dec	0	0	0	0	0	0	0	0	25,061	0%
Annual Total	2,444	9,836	1,286	0	1,575	15,141	0	15,141	406,812	4%
Quarter 1	0	0	0	0	0	0	0	0	115,079	0%
Quarter 2	422	625	318	0	0	1,365	0	1,365	85,827	2%
Quarter 3	965	4,249	493	0	0	5,707	0	5,707	95,555	6%
Quarter 4	1,057	4,962	475	0	1,575	8,069	0	8,069	110,351	7%
First Semester	422	625	318	0	0	1,365	0	1,365	200,906	1%
Second Semester	2,021	9,211	968	0	1,575	13,776	0	13,776	205,906	7%

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

Port: DIEGO SUAREZ, MADAGASCAR

Year: 2020

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)					
Jan	99	204	6	0	0	309	0	309	21,857	1%
Feb	498	1,540	149	0	0	2,187	0	2,187	31,593	7%
Mar	313	825	130	0	0	1,268	0	1,268	33,261	4%
Apr	0	0	0	0	0	0	0	0	21,165	0%
May	205	510	164	0	0	878	0	878	27,369	3%
Jun	0	0	0	0	0	0	0	0	27,355	0%
Jul	0	0	0	0	0	0	0	0	21,295	0%
Aug	0	0	0	0	0	0	0	0	26,586	0%
Sep	701	1,220	128	0	0	2,050	0	2,050	43,955	5%
Oct	518	994	106	0	0	1,618	0	1,618	51,432	3%
Nov	328	959	94	0	0	1,381	0	1,381	36,498	4%
Dec	0	0	0	0	0	0	0	0	8,892	0%
Annual Total	2,662	6,252	777	0	0	9,691	0	9,691	351,260	3%
Quarter 1	910	2,569	285	0	0	3,764	0	3,764	86,711	4%
Quarter 2	205	510	164	0	0	878	0	878	75,890	1%
Quarter 3	701	1,220	128	0	0	2,050	0	2,050	91,837	2%
Quarter 4	847	1,953	200	0	0	2,999	0	2,999	96,822	3%
First Semester	1,115	3,078	449	0	0	4,642	0	4,642	162,601	3%
Second Semester	1,547	3,173	328	0	0	5,049	0	5,049	188,659	3%

* 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 16/04/2021)

Port: PORT LOUIS, MAURITIUS

Year: 2019

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)					
Jan	422	182	41	0	888	1,533	0	1,533	44,662	3%
Feb	0	0	0	0	0	0	0	0	29,779	0%
Mar	286	588	87	0	0	961	0	961	40,637	2%
Apr	0	0	0	0	0	0	0	0	31,019	0%
May	0	0	0	0	0	0	0	0	33,148	0%
Jun	414	251	60	0	2	726	0	726	21,659	3%
Jul	76	0	0	0	0	76	0	76	21,066	0%
Aug	0	0	0	0	0	0	0	0	36,528	0%
Sep	0	0	0	0	0	0	0	0	37,961	0%
Oct	209	430	27	0	0	667	0	667	41,758	2%
Nov	0	0	0	0	0	0	0	0	43,531	0%
Dec	0	0	0	0	0	0	0	0	25,061	0%
Annual Total	1,407	1,451	216	0	889	3,963	0	3,963	406,812	1%
Quarter 1	708	770	129	0	888	2,494	0	2,494	115,079	2%
Quarter 2	414	251	60	0	2	726	0	726	85,827	1%
Quarter 3	76	0	0	0	0	76	0	76	95,555	0%
Quarter 4	209	430	27	0	0	667	0	667	110,351	1%
First Semester	1,122	1,021	188	0	889	3,220	0	3,220	200,906	2%
Second Semester	286	430	27	0	0	743	0	743	205,906	0%

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

Port: PORT LOUIS, MAURITIUS

Year: 2020

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)					
Jan	178	463	51	0	0	692	0	692	21,857	3%
Feb	242	345	89	0	0	677	0	677	31,593	2%
Mar	0	0	0	0	0	0	0	0	33,261	0%
Apr	0	0	0	0	0	0	0	0	21,165	0%
May	0	0	0	0	0	0	0	0	27,369	0%
Jun	299	434	14	0	18	764	0	764	27,355	3%
Jul	601	9	43	2	0	655	0	655	21,295	3%
Aug	0	0	0	0	0	0	0	0	26,586	0%
Sep	488	233	93	0	0	814	0	814	43,955	2%
Oct	548	658	164	0	0	1,371	0	1,371	51,432	3%
Nov	0	0	0	0	1,081	1,081	0	1,081	36,498	3%
Dec	0	0	0	0	0	0	0	0	8,892	0%
Annual Total	2,356	2,143	453	2	1,099	6,053	0	6,053	351,260	2%
Quarter 1	420	809	140	0	0	1,369	0	1,369	86,711	2%
Quarter 2	299	434	14	0	18	764	0	764	75,890	1%
Quarter 3	1,089	242	135	2	0	1,468	0	1,468	91,837	2%
Quarter 4	548	658	164	0	1,081	2,452	0	2,452	96,822	3%
First Semester	719	1,242	154	0	18	2,133	0	2,133	162,601	1%
Second Semester	1,637	901	300	2	1,081	3,920	0	3,920	188,659	2%

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

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

(Database Closed on 16/04/2021)

Port: Mombassa, Kenya

Year: 2019

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)					
Jan	0	0	0	0	0	0	0	0	44,662	0%
Feb	0	0	0	0	0	0	0	0	29,779	0%
Mar	0	0	0	0	0	0	0	0	40,637	0%
Apr	0	0	0	0	0	0	0	0	31,019	0%
May	0	0	0	0	0	0	0	0	33,148	0%
Jun	0	0	0	0	0	0	0	0	21,659	0%
Jul	0	0	0	0	0	0	0	0	21,066	0%
Aug	0	0	0	0	0	0	0	0	36,528	0%
Sep	0	0	0	0	0	0	0	0	37,961	0%
Oct	0	0	0	0	0	0	0	0	41,758	0%
Nov	0	0	0	0	0	0	0	0	43,531	0%
Dec	0	0	0	0	0	0	0	0	25,061	0%
Annual Total	0	0	0	0	0	0	0	0	406,812	0%
Quarter 1	0	0	0	0	0	0	0	0	115,079	0%
Quarter 2	0	0	0	0	0	0	0	0	85,827	0%
Quarter 3	0	0	0	0	0	0	0	0	95,555	0%
Quarter 4	0	0	0	0	0	0	0	0	110,351	0%
First Semester	0	0	0	0	0	0	0	0	200,906	0%
Second Semester	0	0	0	0	0	0	0	0	205,906	0%

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

Port: Mombassa, Kenya

Year: 2020

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)					
Jan	0	0	0	0	0	0	0	0	21,857	0%
Feb	0	0	0	0	0	0	0	0	31,593	0%
Mar	0	0	0	0	0	0	0	0	33,261	0%
Apr	0	0	0	0	0	0	0	0	21,165	0%
May	0	0	0	0	0	0	0	0	27,369	0%
Jun	0	0	0	0	0	0	0	0	27,355	0%
Jul	0	0	0	0	0	0	0	0	21,295	0%
Aug	0	0	0	0	0	0	0	0	26,586	0%
Sep	0	0	0	0	0	0	0	0	43,955	0%
Oct	0	0	0	0	1,810	1,810	0	1,810	51,432	4%
Nov	0	0	0	0	0	0	0	0	36,498	0%
Dec	0	0	0	0	0	0	0	0	8,892	0%
Annual Total	0	0	0	0	1,810	1,810	0	1,810	351,260	1%
Quarter 1	0	0	0	0	0	0	0	0	86,711	0%
Quarter 2	0	0	0	0	0	0	0	0	75,890	0%
Quarter 3	0	0	0	0	0	0	0	0	91,837	0%
Quarter 4	0	0	0	0	1,810	1,810	0	1,810	96,822	2%
First Semester	0	0	0	0	0	0	0	0	162,601	0%
Second Semester	0	0	0	0	1,810	1,810	0	1,810	188,659	1%

* 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 16/04/2021)

Port: Victoria, Seychelles

Year: 2019

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	4,341	1,010	1,278	413	7,042	6,644	20,479	6,031	2,933	36,087	10,985	21,489	7,309	3,347	43,129
Feb	657	1,367	1,239	94	3,358	2,975	13,992	6,507	2,947	26,422	3,632	15,359	7,747	3,042	29,779
Mar	2,561	764	1,248	426	5,000	12,014	13,702	4,282	4,678	34,676	14,575	14,466	5,530	5,104	39,676
Apr	2,803	450	1,012	356	4,621	8,872	11,417	2,877	3,232	26,398	11,675	11,867	3,889	3,588	31,019
May	2,670	1,408	894	328	5,301	6,819	11,777	3,181	4,705	26,483	9,490	13,185	4,076	5,033	31,783
Jun	950	339	983	1,458	3,731	5,278	7,885	2,168	1,871	17,202	6,228	8,225	3,151	3,330	20,933
Jul	857	450	1,088	204	2,599	4,162	6,854	4,084	3,291	18,391	5,019	7,304	5,171	3,495	20,990
Aug	1,261	0	1,187	531	2,979	9,169	16,445	3,445	2,810	31,868	10,430	16,445	4,632	3,341	34,848
Sep	418	1,206	783	327	2,734	9,246	14,009	4,820	3,126	31,200	9,663	15,215	5,603	3,453	33,934
Oct	1,236	1,180	814	984	4,213	9,883	16,463	6,181	3,027	35,555	11,119	17,642	6,995	4,011	39,768
Nov	194	1,455	2,038	432	4,119	10,140	12,872	6,062	3,595	32,668	10,334	14,327	8,100	4,026	36,787
Dec	96	566	721	191	1,574	1,321	10,084	7,623	4,459	23,487	1,418	10,650	8,344	4,650	25,061
Annual Total	18,044	10,195	13,285	5,746	47,271	86,524	155,978	57,260	40,675	340,437	104,568	166,173	70,546	46,421	387,708
Quarter 1	7,559	3,141	3,766	934	15,400	21,633	48,173	16,821	10,558	97,185	29,193	51,313	20,586	11,492	112,584
Quarter 2	6,423	2,197	2,889	2,143	13,652	20,969	31,080	8,226	9,808	70,084	27,393	33,277	11,116	11,951	83,736
Quarter 3	2,536	1,657	3,057	1,063	8,312	22,577	37,307	12,348	9,227	81,459	25,112	38,964	15,406	10,290	89,771
Quarter 4	1,526	3,201	3,573	1,607	9,906	21,345	39,418	19,865	11,081	91,709	22,871	42,619	23,438	12,688	101,616
Semester 1	13,982	5,338	6,655	3,077	29,052	42,603	79,252	25,047	20,366	167,269	56,585	84,590	31,702	23,443	196,321
Semester 2	4,061	4,858	6,630	2,669	18,219	43,921	76,725	32,214	20,308	173,168	47,983	81,583	38,844	22,977	191,387

Port: Victoria, Seychelles

Year: 2020

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	238	253	1,668	708	2,867	5,372	6,770	2,492	3,355	17,988	5,610	7,023	4,160	4,063	20,856
Feb	1,040	611	1,766	316	3,733	9,179	11,735	1,838	2,245	24,996	10,220	12,345	3,604	2,561	28,730
Mar	305	608	2,537	1,215	4,665	11,105	8,671	3,277	4,275	27,328	11,409	9,279	5,815	5,490	31,993
Apr	2,515	1,549	1,725	102	5,890	5,543	5,397	2,070	2,265	15,275	8,057	6,947	3,795	2,367	21,165
May	2,241	1,316	2,054	566	6,176	5,293	10,948	2,376	1,698	20,315	7,534	12,264	4,429	2,264	26,491
Jun	1,627	827	2,343	760	5,557	4,878	11,523	2,127	2,506	21,034	6,504	12,351	4,470	3,266	26,591
Jul	501	1,350	1,693	464	4,008	3,041	8,080	2,718	2,493	16,331	3,542	9,430	4,411	2,957	20,339
Aug	1,357	915	1,443	586	4,300	8,862	11,921	640	611	22,035	10,219	12,836	2,083	1,197	26,335
Sep	2,120	689	1,035	411	4,256	13,105	16,423	4,356	2,953	36,836	15,225	17,112	5,391	3,364	41,092
Oct	1,070	1,110	1,926	560	4,666	13,817	20,642	4,097	3,412	41,967	14,887	21,752	6,023	3,972	46,633
Nov	1,572	869	2,426	667	5,534	7,317	13,260	3,561	4,364	28,502	8,889	14,129	5,987	5,031	34,036
Dec		539	1,098		1,638	2,135	2,545	965	1,609	7,254	2,135	3,084	2,063	1,609	8,892
Annual Total	14,585	10,637	21,712	6,356	53,291	89,646	127,914	30,517	31,785	279,861	104,231	138,551	52,229	38,142	333,152
Quarter 1	1,583	1,472	5,971	2,239	11,266	25,656	27,175	7,607	9,875	70,313	27,239	28,647	13,578	12,114	81,578
Quarter 2	6,382	3,692	6,121	1,428	17,623	15,714	27,869	6,572	6,469	56,624	22,095	31,561	12,693	7,897	74,247
Quarter 3	3,978	2,954	4,171	1,461	12,564	25,008	36,424	7,714	6,056	75,202	28,986	39,377	11,885	7,518	87,765
Quarter 4	2,642	2,519	5,450	1,228	11,838	23,269	36,446	8,623	9,385	77,723	25,911	38,965	14,073	10,612	89,561
Semester 1	7,965	5,164	12,092	3,668	28,889	41,369	55,044	14,180	16,344	126,936	49,334	60,208	26,272	20,012	155,825
Semester 2	6,621	5,473	9,620	2,689	24,402	48,276	72,870	16,337	15,441	152,925	54,897	78,343	25,957	18,130	177,327

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

(Database Closed on 16/04/2021)

Port: VICTORIA, SEYCHELLES

Year: 2019

	Destination	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Mix Species	Total (Mt)
			(-10kg)	(+10kg)	(Mix)	(-1.8kg)	(1.8kg - 3.4kg)	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)			
Landing (Mt)	Local Company	Quarter 1												165	165
		Quarter 2					4							634	638
		Quarter 3					4								4
		Quarter 4													0
	Local Company Total					8								799	807
IOT	IOT	Quarter 1	2,233	1,934	23	1,922	2,095	2,207	1,091	848	313	166	40	2,362	15,235
		Quarter 2	1,013	3,764	97	1,832	915	1,723	677	248	1,073	86	3	1,584	13,015
		Quarter 3	1,373	890	69	695	1,416	1,097	754	479	365	16		1,150	8,305
		Quarter 4	1,668	876	194	867	2,169	1,441	292	256	11	13		2,119	9,906
	IOT Landing Total		6,287	7,464	383	5,315	6,596	6,469	2,814	1,832	1,762	281	43	7,214	46,460
Landing Total		6,287	7,464	383	5,315	6,604	6,469	2,814	1,832	1,762	281	43	8,013	47,267	
Transhipment (Mt)	Container	Quarter 1	3,813	10,746	148	2,888	5,986	1,962	1,164	957	1,382	95	0	28,664	57,804
		Quarter 2	2,246	9,461	1,288	3,728	3,655	2,753	959	1,325	838	420	4	10,278	36,954
		Quarter 3	3,142	11,484	1,933	5,220	5,838	1,378	5,119	2,584	2,643	1,454		8,350	49,145
		Quarter 4	3,831	6,960	3,552	5,640	13,881	4,626	13,157	1,426	684	1,957		4,011	59,726
	Container Total		13,032	38,651	6,920	17,476	29,360	10,719	20,398	6,292	5,546	3,926	4	51,303	203,628
	Reefer	Quarter 1	4,990	1,477	398	3,873	4,425	5,579	1,540	1,260	822	195		14,822	39,381
		Quarter 2	1,500	2,122	136	7,239	1,470	1,580	1,910	1,201	279	686		15,007	33,130
Quarter 3		4,084	1,458	263	5,298	2,624	2,086	3,208	1,270	163	391		11,430	32,274	
Quarter 4		3,153	2,152	1,038	2,401	6,744	2,216	6,773	837	136	413		5,893	31,755	
Reefer Total		13,728	7,209	1,835	18,810	15,263	11,461	13,431	4,568	1,400	1,685		47,151	136,541	
Transhipment Total		26,760	45,860	8,755	36,286	44,624	22,180	33,829	10,860	6,947	5,611	4	98,454	340,169	
Total (Mt)		Quarter 1	11,036	14,157	569	8,682	12,506	9,748	3,794	3,066	2,517	456	40	46,012	112,584
		Quarter 2	4,760	15,347	1,521	12,798	6,044	6,056	3,546	2,774	2,189	1,192	7	27,503	83,736
		Quarter 3	8,599	13,832	2,264	11,212	9,883	4,561	9,081	4,334	3,171	1,861	0	20,930	89,728
		Quarter 4	8,652	9,987	4,784	8,908	22,798	8,284	20,222	2,519	831	2,383	0	12,022	101,391
		Year Total		33,047	53,323	9,138	41,601	51,227	28,649	36,643	12,692	8,709	5,892	47	106,467

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.

Port: VICTORIA, SEYCHELLES

Year: 2020

	Destination	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Mix Species	Total (Mt)
			(-10kg)	(+10kg)	(Mix)	(-1.8kg)	1.8kg - 3.4kg	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)			
Landing (Mt)	Local Company	Quarter 1													0
		Quarter 2													0
		Quarter 3													0
		Quarter 4													0
	Local Company Total														0
IOT	Quarter 1	2,320	3,151	215	229	2,765	1,198	88	253	18	12		1,017	11,266	
	Quarter 2	2,116	4,566	1,338	346	2,555	2,781	1,064	167	39	244	10	2,397	17,623	
	Quarter 3	1,279	3,227	1,410	703	1,123	2,172	548	453	152	18	44	1,435	12,564	
	Quarter 4	1,696	1,991	520	1,408	1,493	2,470	252	356	66	502	11	1,074	11,838	
	IOT Landing Total	7,410	12,935	3,483	2,686	7,937	8,621	1,951	1,229	275	776	66	5,923	53,291	
Landing Total		7,410	12,935	3,483	2,686	7,937	8,621	1,951	1,229	275	776	66	5,923	53,291	
Transshipment (Mt)	Container	Quarter 1	4,425	3,332	5,013	709	11,039	4,392	14,146	1,434	358	1,821		7,434	54,103
		Quarter 2	3,429	4,026	2,803	1,271	5,985	3,826	12,112	1,175	156	2,109	11	8,434	45,336
		Quarter 3	3,965	6,879	9,551	902	4,274	6,709	11,835	1,511	620	2,809	14	6,975	56,043
		Quarter 4	2,742	5,738	3,137	3,823	6,902	6,287	7,185	1,129	893	1,221	6	13,360	52,423
	Container Total	14,561	19,976	20,504	6,705	28,199	21,213	45,278	5,248	2,026	7,960	31	36,204	207,905	
	Reefer	Quarter 1	1,863	377	1,288	176	4,230	2,896	3,950	326	2	769		334	16,210
		Quarter 2	1,315	18	308	882	2,657	2,455	1,750	374	16	34		1,479	11,288
		Quarter 3	1,626	1,748	1,407	1,964	3,597	3,461	2,791	517	334	397	0	1,313	19,156
		Quarter 4	1,726	1,111	2,063	1,509	3,488	2,131	6,734	577	248	657		5,056	25,300
Reefer Total	6,529	3,253	5,065	4,531	13,973	10,943	15,225	1,794	600	1,857	0	8,182	71,953		
Transshipment Total		21,090	23,229	25,569	11,236	42,172	32,156	60,504	7,042	2,626	9,817	31	44,386	279,858	
Total (Mt)		Quarter 1	8,608	6,860	6,516	1,113	18,034	8,486	18,184	2,012	377	2,602	0	8,785	81,578
		Quarter 2	6,860	8,611	4,449	2,499	11,198	9,061	14,925	1,716	211	2,386	22	12,310	74,247
		Quarter 3	6,869	11,854	12,368	3,569	8,993	12,342	15,174	2,481	1,106	3,224	59	9,723	87,762
		Quarter 4	6,164	8,840	5,719	6,740	11,883	10,888	14,171	2,062	1,207	2,380	16	19,491	89,561
Year Total		28,501	36,165	29,052	13,922	50,108	40,777	62,455	8,271	2,901	10,593	97	50,309	333,149	

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.

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

(Database Closed on 16/04/2021)

Port: VICTORIA, SEYCHELLES

Year: 2019

	Access Regime	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Mix Species	Total (Mt)	Cumulative Total (Mt)
			(-10kg)	(+10kg)	(Mix)	(-1.8)	(1.8kg - 3.4kg)	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)				
Landing	National	Quarter 1	963	1,529	23	723	1,335	874	1,091	613	242	166		0	7,559	7,559
		Quarter 2	398	1,996	97	790	413	760	677	131	1,055	86		20	6,423	13,982
		Quarter 3	362	235	69	517	378		351	288	327	1		3	2,532	16,514
		Quarter 4	140	166	194	393	586			46				0	1,526	18,040
	National Total		1,863	3,926	383	2,424	2,712	1,633	2,119	1,078	1,624	254		24	18,040	
	EU Agreement	Quarter 1	1,184	335		931	744	1,015		189	68		40	2,527	7,033	7,033
		Quarter 2	432	760		844	325	667		93	10		3	2,197	5,331	12,365
		Quarter 3	769	638		160	732	880	403	141	32	14		943	4,714	17,079
		Quarter 4	1,219	534		393	1,155	886	292	153	11	13		2,119	6,774	23,853
	EU Agreement Total		3,604	2,267		2,328	2,956	3,448	696	577	121	27	43	7,786	23,853	
	Others	Quarter 1	86	70		267	17	318		45	4			0	807	807
		Quarter 2	184	1,007		197	181	297		24	7			0	1,898	2,705
		Quarter 3	241	17		18	310	217		50	6			204	1,063	3,768
		Quarter 4	309	176		81	428	556		57	0			0	1,607	5,374
	Others Total		820	1,271		563	935	1,388		176	17			204	5,374	
	All Agreements	Quarter 1	2,233	1,934	23	1,922	2,095	2,207	1,091	848	313	166	40	2,527	15,400	15,400
		Quarter 2	1,013	3,764	97	1,832	919	1,723	677	248	1,073	86	3	2,218	13,652	29,052
		Quarter 3	1,373	890	69	695	1,420	1,097	754	479	365	16	0	1,150	8,309	37,361
		Quarter 4	1,668	876	194	867	2,169	1,441	292	256	11	13	0	2,119	9,906	47,267
	Landing Total		6,287	7,464	383	5,315	6,603	6,469	2,814	1,832	1,762	281	43	8,013	47,267	
Transhipment	National	Quarter 1	1,529	3,777	546	3,594	5,712	1,075	2,704	1,114	1,228	290		64	21,633	21,633
		Quarter 2	1,489	3,966	1,039	3,313	4,287	2,425	1,525	1,217	878	818	3	10	20,969	42,603
		Quarter 3	1,986	3,969	285	3,945	3,760	212	3,958	1,026	2,109	1,139		148	22,537	65,140
		Quarter 4	2,614	3,334		5,329	7,126	37	1,211	828	351	141		145	21,116	86,256
	National Total		7,617	15,047	1,870	16,181	20,885	3,749	9,398	4,185	4,567	2,387	3	367	86,256	
	EU Agreement	Quarter 1	7,053	5,513		2,816	4,557	5,844		1,003	852			38,897	66,536	66,536
		Quarter 2	2,011	3,781	384	7,264	678	1,352	1,344	1,170	117	288		21,827	40,216	106,752
		Quarter 3	4,507	6,337	1,910	6,499	3,949	2,538	4,368	2,684	637	707		17,578	51,714	158,465
		Quarter 4	3,611	5,056	4,590	2,384	9,403	5,490	18,719	912	435	2,229		6,454	59,284	217,749
	EU Agreement Total		17,181	20,687	6,884	18,963	18,587	15,224	24,431	5,770	2,041	3,224		84,756	217,749	
	Others	Quarter 1	221	2,932		351	141	621		101	124		0	4,524	9,016	9,016
		Quarter 2	246	3,836		390	161	556		139	121		1	3,448	8,899	17,914
		Quarter 3	734	2,636		73	753	714		144	60			2,055	7,169	25,083
		Quarter 4	760	721		328	4,096	1,316		522	34			3,304	11,081	36,164
	Others Total		1,961	10,126		1,142	5,151	3,207		906	339		1	13,331	36,164	
	All Agreements	Quarter 1	8,803	12,223	546	6,760	10,411	7,540	2,704	2,218	2,204	290	0	43,485	97,185	97,185
		Quarter 2	3,747	11,583	1,424	10,967	5,125	4,333	2,869	2,526	1,116	1,106	4	25,285	70,084	167,269
		Quarter 3	7,226	12,942	2,195	10,518	8,462	3,464	8,326	3,854	2,806	1,845	0	19,780	81,419	248,688
		Quarter 4	6,984	9,112	4,590	8,041	20,625	6,843	19,930	2,262	820	2,370	0	9,903	91,481	340,169
	Transhipment Total		26,760	45,860	8,755	36,286	44,624	22,180	33,829	10,860	6,947	5,611	4	98,454	340,169	
Year Total		33,047	53,323	9,138	41,601	51,227	28,649	36,643	12,692	8,709	5,892	47	106,467	387,436		

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.

Port: VICTORIA, SEYCHELLES

Year: 2020

	Access Regime	Quarter	Yellowfin			Skipjack				Bigeye			Albacore	Mix Species	Total (Mt)	Cumulative Total (Mt)	
			(-10kg)	(+10kg)	(Mix)	(-1.8)	(1.8kg - 3.4kg)	(+3.4kg)	(Mix)	(-10kg)	(+10kg)	(Mix)					
Landing	National	Quarter 1	299	602	14	1	422	122	88	34	0	0	1		1,583	1,583	
		Quarter 2	442	1,633	741	225	1,380	1,301	579	46	4	30			6,382	7,965	
		Quarter 3	526	912	2	569	541	751	454	192	31	1			3,978	11,943	
		Quarter 4	429	814	121	500	315	333	64	35	17	8			2,642	14,585	
	National Total		1,697	3,961	877	1,295	2,658	2,508	1,185	307	51	39	1	7	14,585		
	EU Agreement	Quarter 1	1,939	1,536	202	227	2,270	1,016		212	15	12	6	1,017	8,446	8,446	
		Quarter 2	1,626	2,284	598	114	1,106	1,404	485	120	28	213		2,397	10,379	18,825	
		Quarter 3	732	2,194	1,408	133	576	1,358	94	259	118	17		44	1,435	8,368	27,194
		Quarter 4	1,029	1,162	399	813	1,081	1,890	188	294	48	494		11	1,067	8,475	35,669
	EU Agreement Total		5,326	7,175	2,606	1,287	5,033	5,667	766	886	209	737	61	5,916	35,669		
	Others	Quarter 1	81	1,012		0	73	60		7	3		4		1,237	1,237	
		Quarter 2	47	650		7	70	75		1	8			862	2,099		
		Quarter 3	21	121		2	5	64		2	3			217	2,316		
		Quarter 4	238	16		95	97	247		26	1			721	3,037		
	Others Total		388	1,799		104	246	446		36	14		4		3,037		
	All Agreements	Quarter 1	2,320	3,151	215	229	2,765	1,198	88	253	18	12	0	1,017	11,266	11,266	
		Quarter 2	2,116	4,566	1,338	346	2,555	2,781	1,064	167	39	244	10	2,397	17,623	28,889	
Quarter 3		1,279	3,227	1,410	703	1,123	2,172	548	453	152	18	44	1,435	12,564	41,453		
Quarter 4		1,696	1,991	520	1,408	1,493	2,470	252	356	66	502	11	1,074	11,838	53,291		
Landing Total		7,410	12,935	3,483	2,686	7,937	8,621	1,951	1,229	275	776	66	5,923	53,291			
Transshipment	National	Quarter 1	3,371	1,889	903	410	8,019	4,793	4,242	1,138	173	716		2	25,656	25,656	
		Quarter 2	2,420	787	73	918	5,805	3,678	488	1,261	68	217		0	15,714	41,369	
		Quarter 3	4,191	2,416	272	2,542	5,415	7,259	559	1,450	586	308		6	25,004	66,373	
		Quarter 4	1,907	2,491	927	4,125	4,344	4,470	2,126	973	566	1,231		108	23,269	89,642	
	National Total		11,889	7,583	2,175	7,995	23,582	20,200	7,415	4,822	1,392	2,472		116	89,642		
	EU Agreement	Quarter 1	1,661	1,395	5,398	364	5,453	1,590	12,841	381	173	1,874	11	4,424	35,554	35,554	
		Quarter 2	1,170	2,674	3,038	825	2,091	1,902	13,090	240	96	1,926		7,377	34,441	69,995	
		Quarter 3	792	4,028	10,686	181	1,856	1,980	14,067	359	242	2,898		14	7,035	44,138	114,132
		Quarter 4	1,730	3,768	4,272	857	3,861	2,533	11,793	520	479	647		6	14,756	45,223	159,356
	EU Agreement Total		5,354	11,865	23,394	2,228	13,261	8,005	51,792	1,500	989	7,345	31	33,592	159,356		
	Others	Quarter 1	1,256	425		110	1,798	905	1,013	240	14			3,342	9,103	9,103	
		Quarter 2	1,153	583		410	746	701	284	47	8			2,537	6,469	15,572	
		Quarter 3	608	2,183		142	600	931		219	127			1,247	6,056	21,629	
		Quarter 4	831	590		349	2,185	1,414		213	97			3,552	9,231	30,860	
	Others Total		3,848	3,780		1,013	5,328	3,952	1,297	720	245			10,677	30,860		
	All Agreements	Quarter 1	6,288	3,709	6,301	885	15,269	7,288	18,096	1,759	359	2,590	0	7,767	70,313	70,313	
		Quarter 2	4,744	4,044	3,111	2,153	8,642	6,280	13,862	1,549	172	2,143	11	9,914	56,624	126,936	
Quarter 3		5,591	8,626	10,958	2,866	7,870	10,170	14,626	2,028	954	3,206	14	8,288	75,198	202,135		
Quarter 4		4,468	6,849	5,199	5,332	10,390	8,418	13,919	1,706	1,141	1,878	6	18,417	77,723	279,858		
Transshipment Total		21,090	23,229	25,569	11,236	42,172	32,156	60,504	7,042	2,626	9,817	31	44,386	279,858			
Year Total			28,501	36,165	29,052	13,922	50,108	40,777	62,455	8,271	2,901	10,593	97	50,309	333,149		

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.

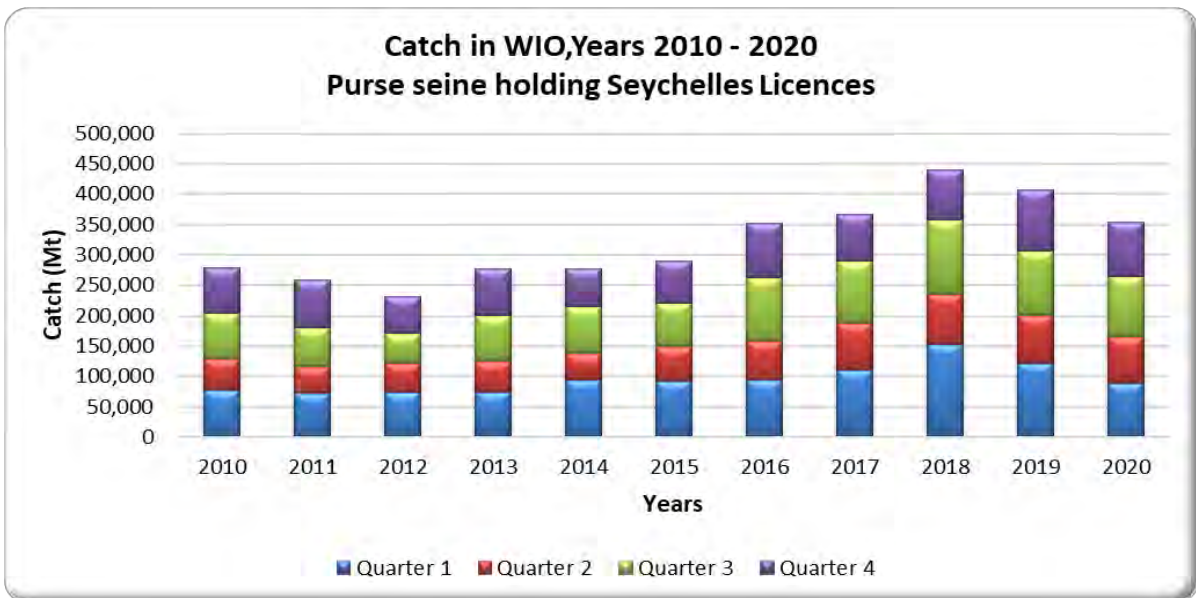


Figure 1A: Purse Seine total catch in the WIO by Year, 2010 - 2020

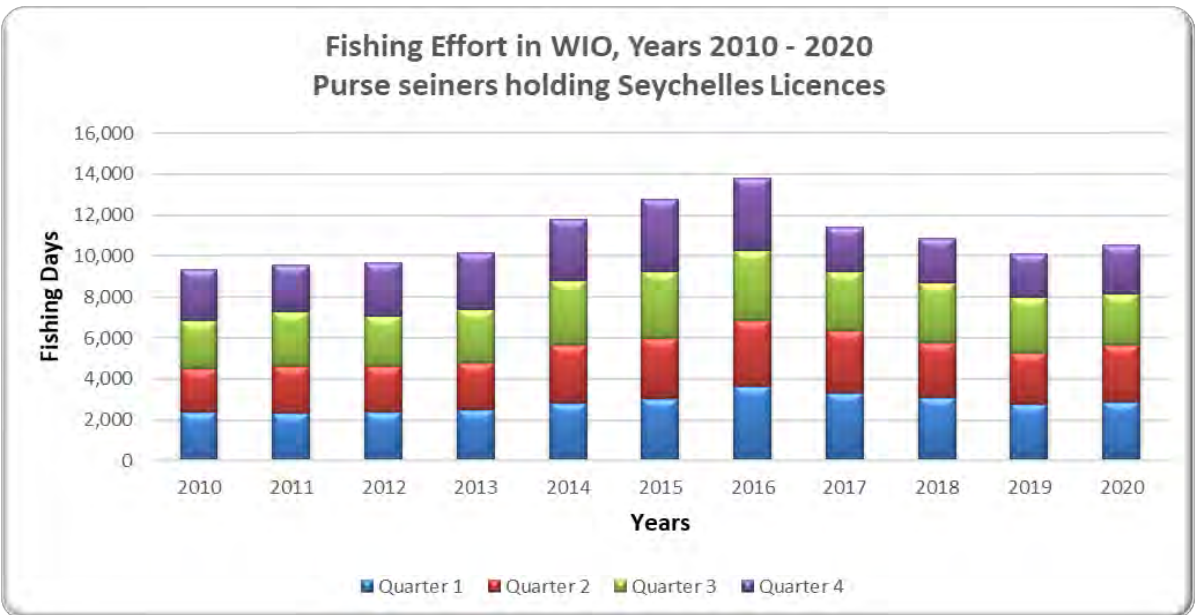


Figure 1B: Purse Seine fishing effort in the WIO by Year, 2010 - 2020

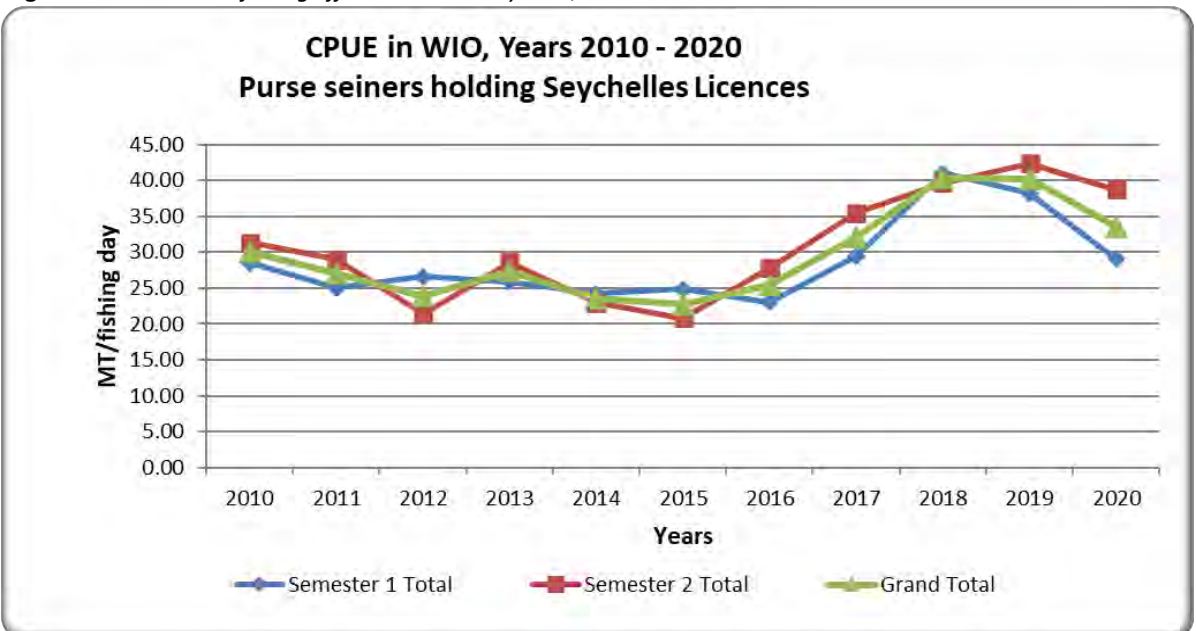


Figure 1C: Purse Seine CPUE in the WIO by Year, 2010 - 2020

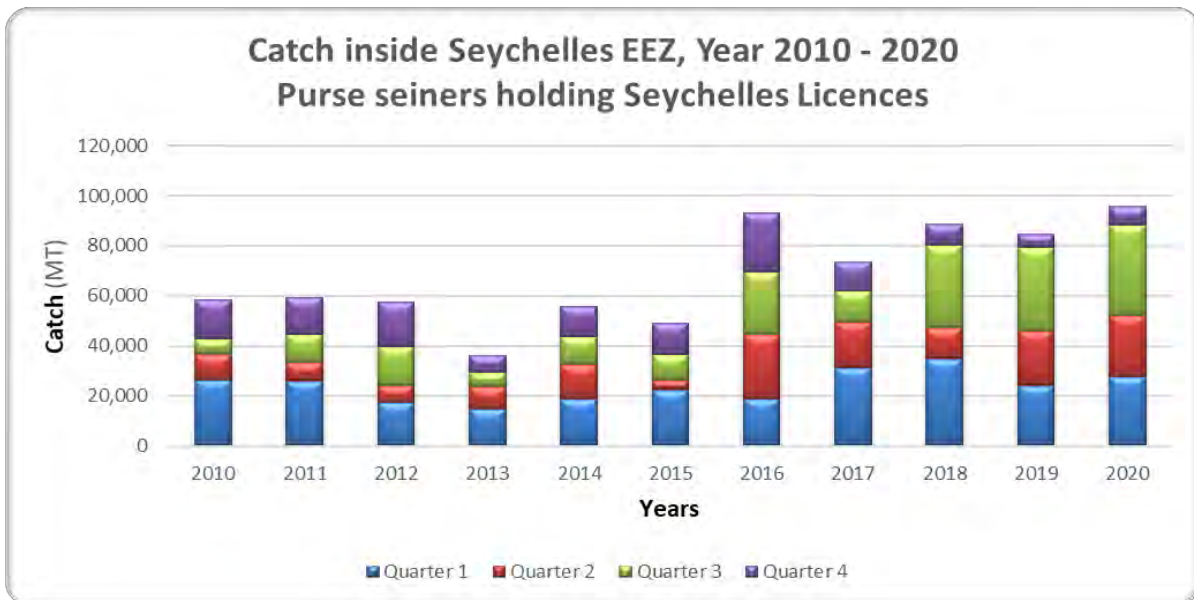


Figure 1D: Purse Seine total catch in the Seychelles EEZ by Year, 2010 - 2020

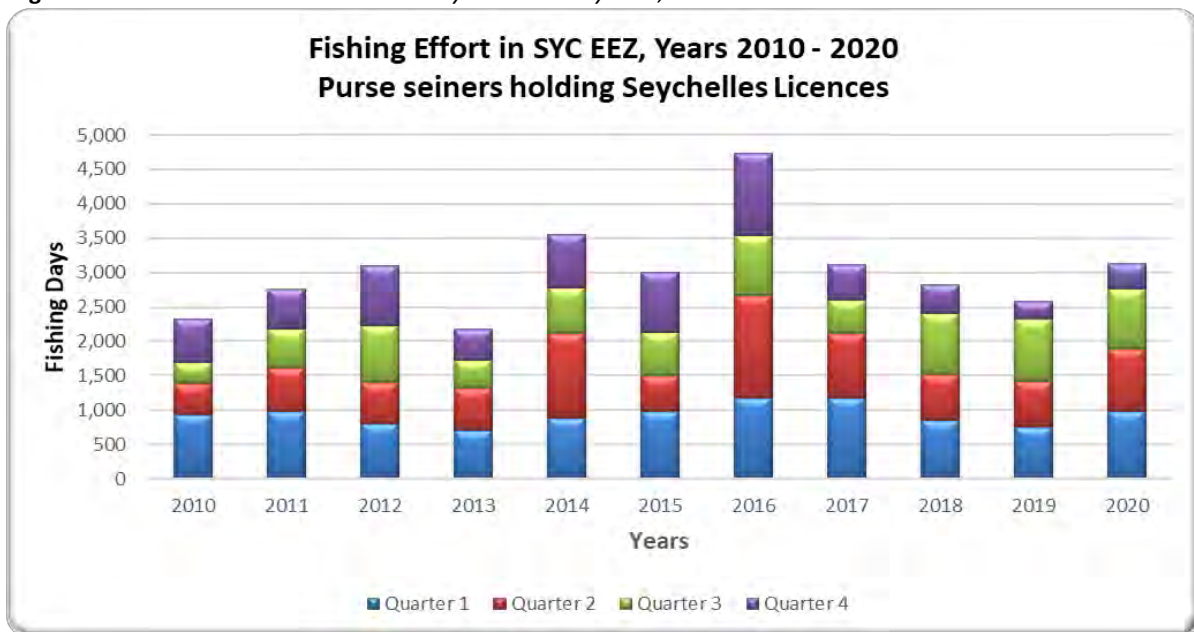


Figure 1E: Purse Seine fishing effort in the Seychelles EEZ by Year, 2010 - 2020

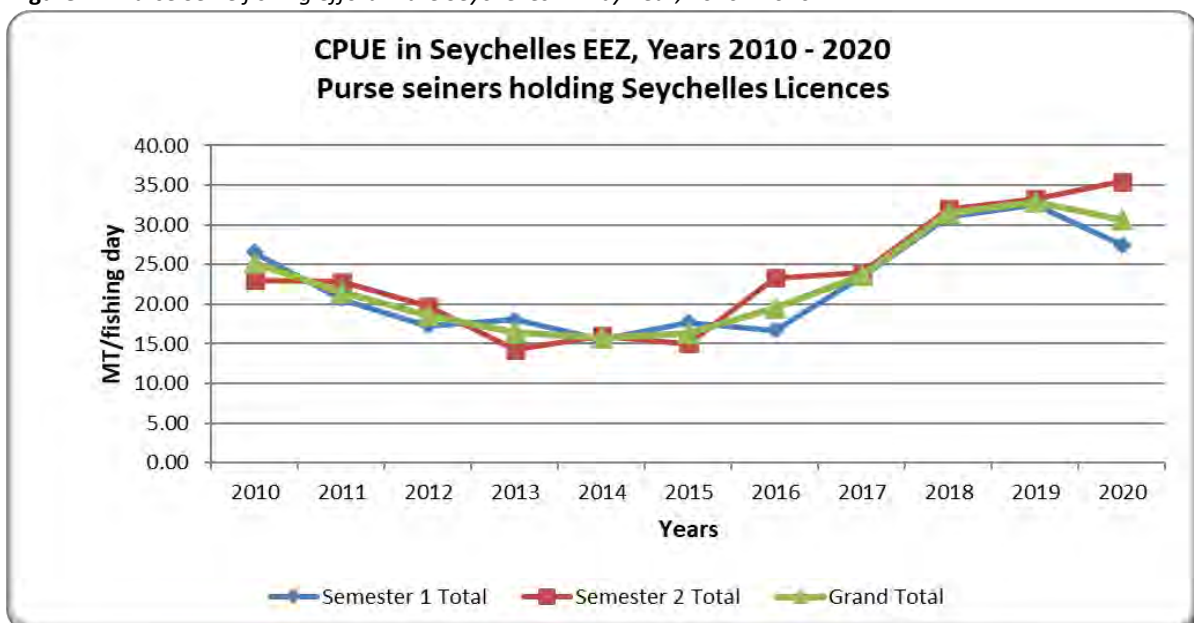


Figure 1F: Purse Seine CPUE in the Seychelles EEZ by Year, 2010 - 2020

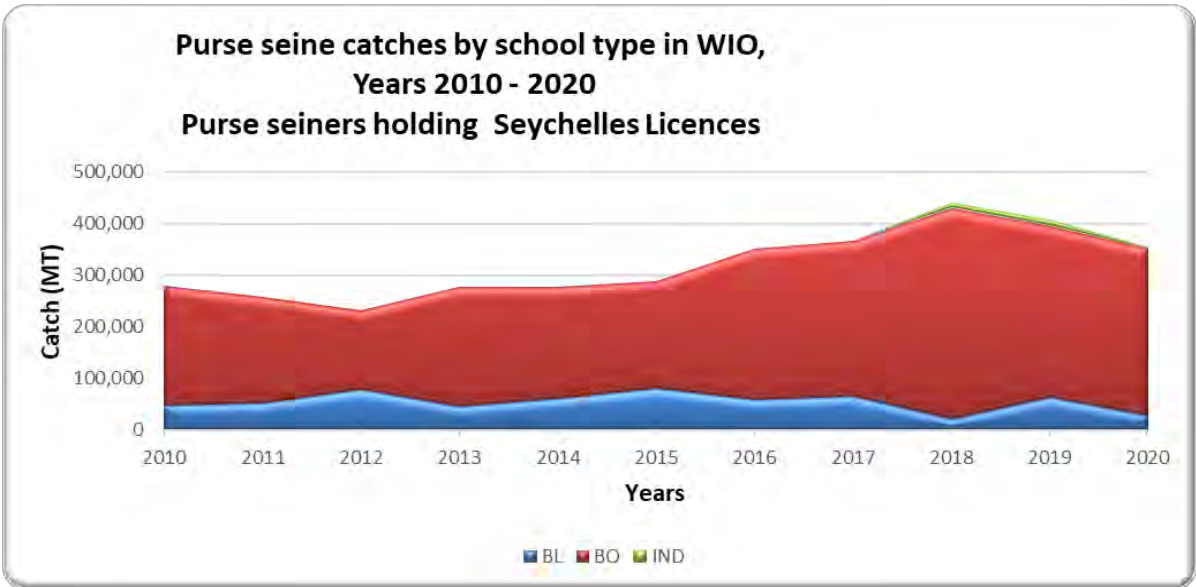


Figure 1G: Purse Seine catches by school type in WIO, Years 2010 - 2020

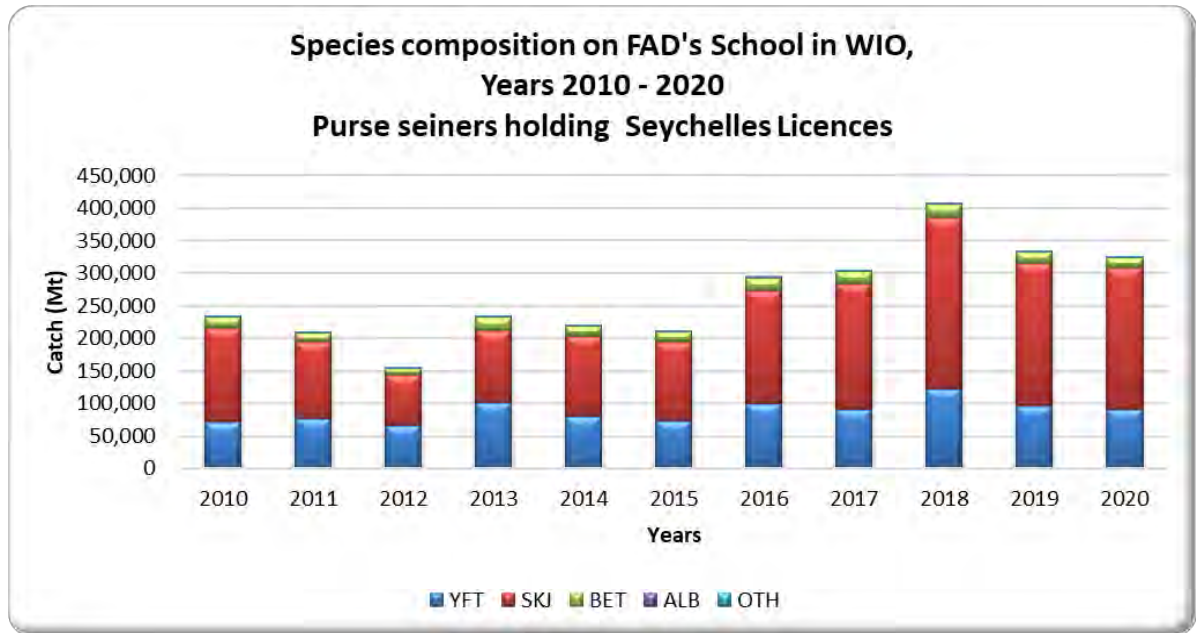


Figure 1H: Purse Seine species composition on FAD's associated school, Years 2010 - 2020

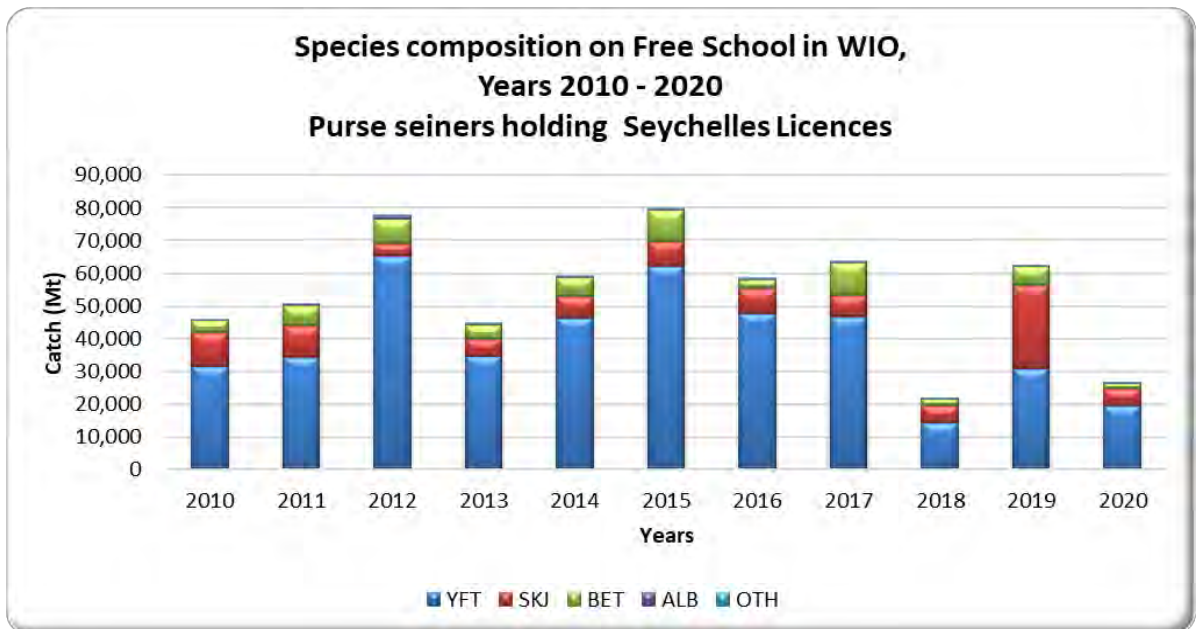


Figure 1I: Purse Seine species composition on free school, years 2010 - 2020

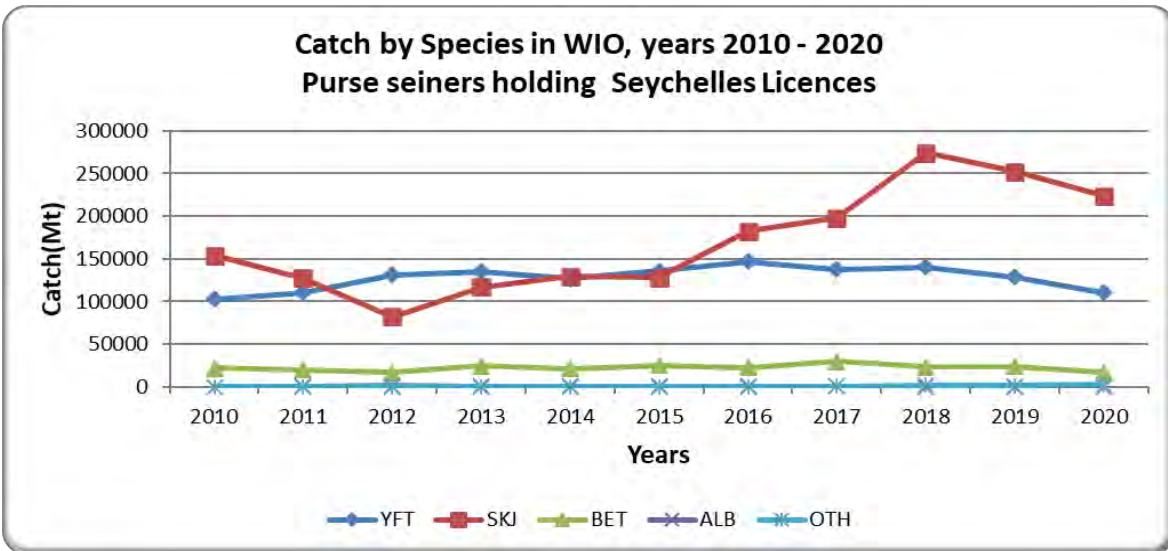


Figure 1J: Purse Seine catch by species in WIO, Years 2010 - 2020

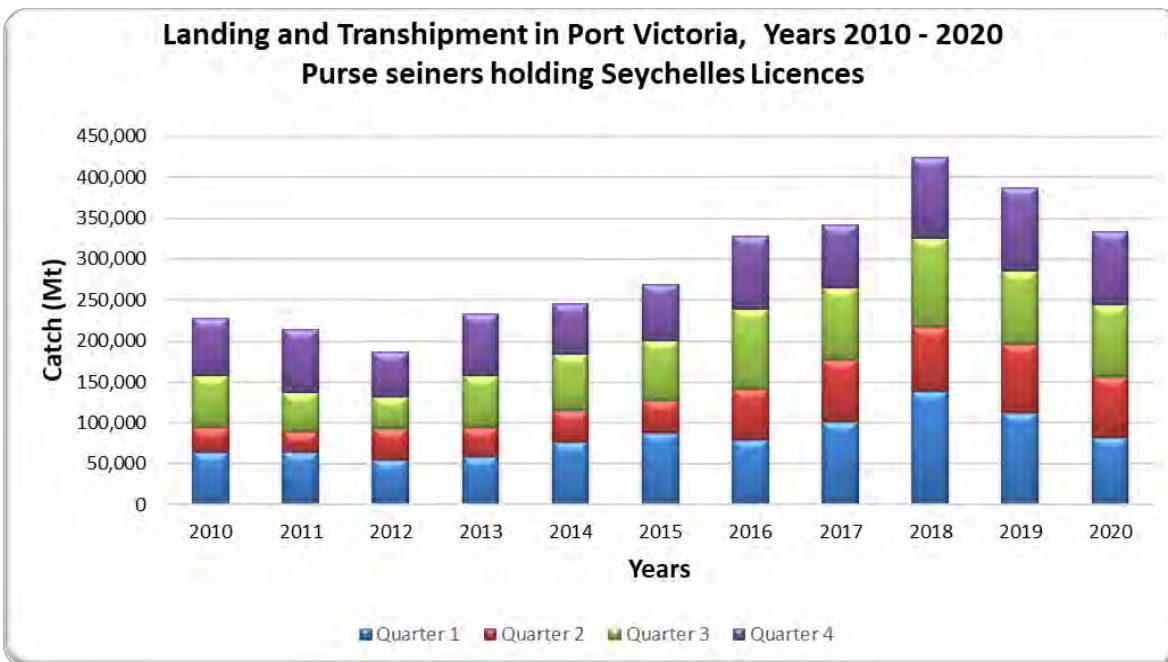


Figure 1K: Purse Seine landing and transhipment in port Victoria, Years 2010 - 2020

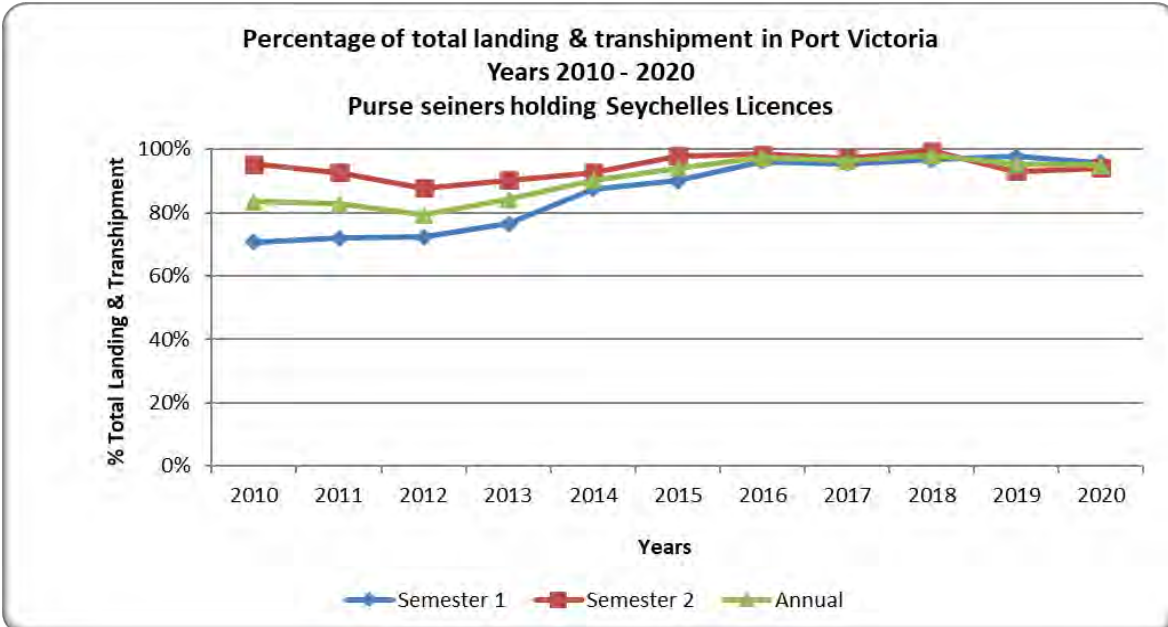
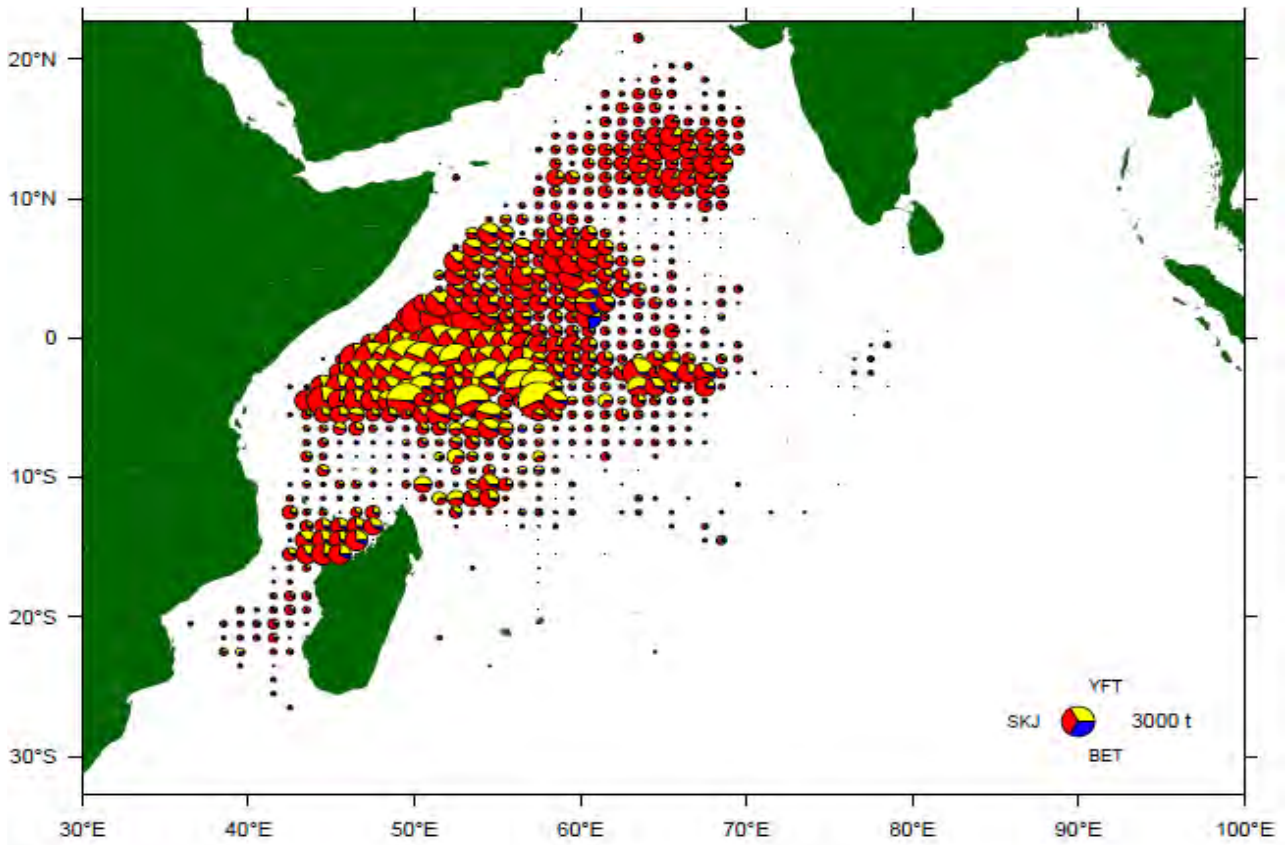


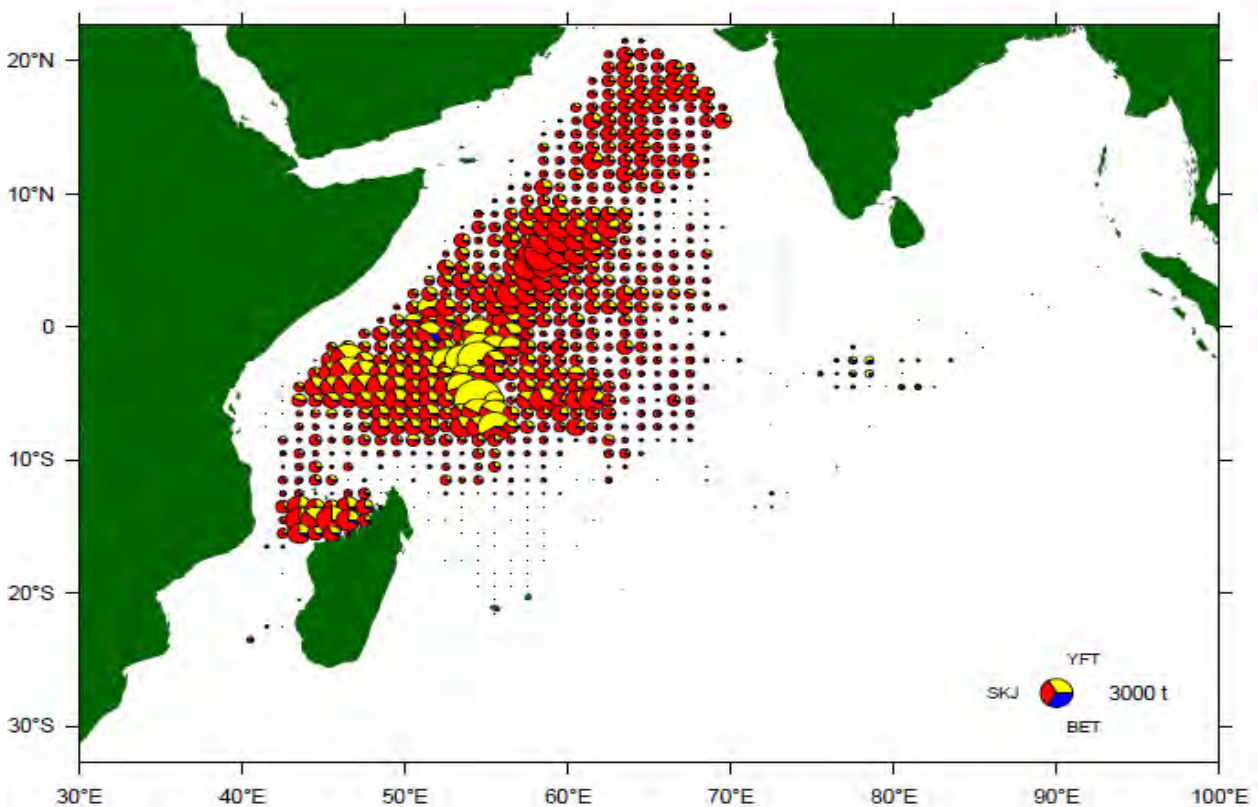
Figure 1L: Proportion of Purse Seine landing and transhipment in port Victoria , Years 2010 - 2020

Fishing Ground Exploited by Purse Seiners

Map 1A. Purse seiners fishing ground for Year 2019

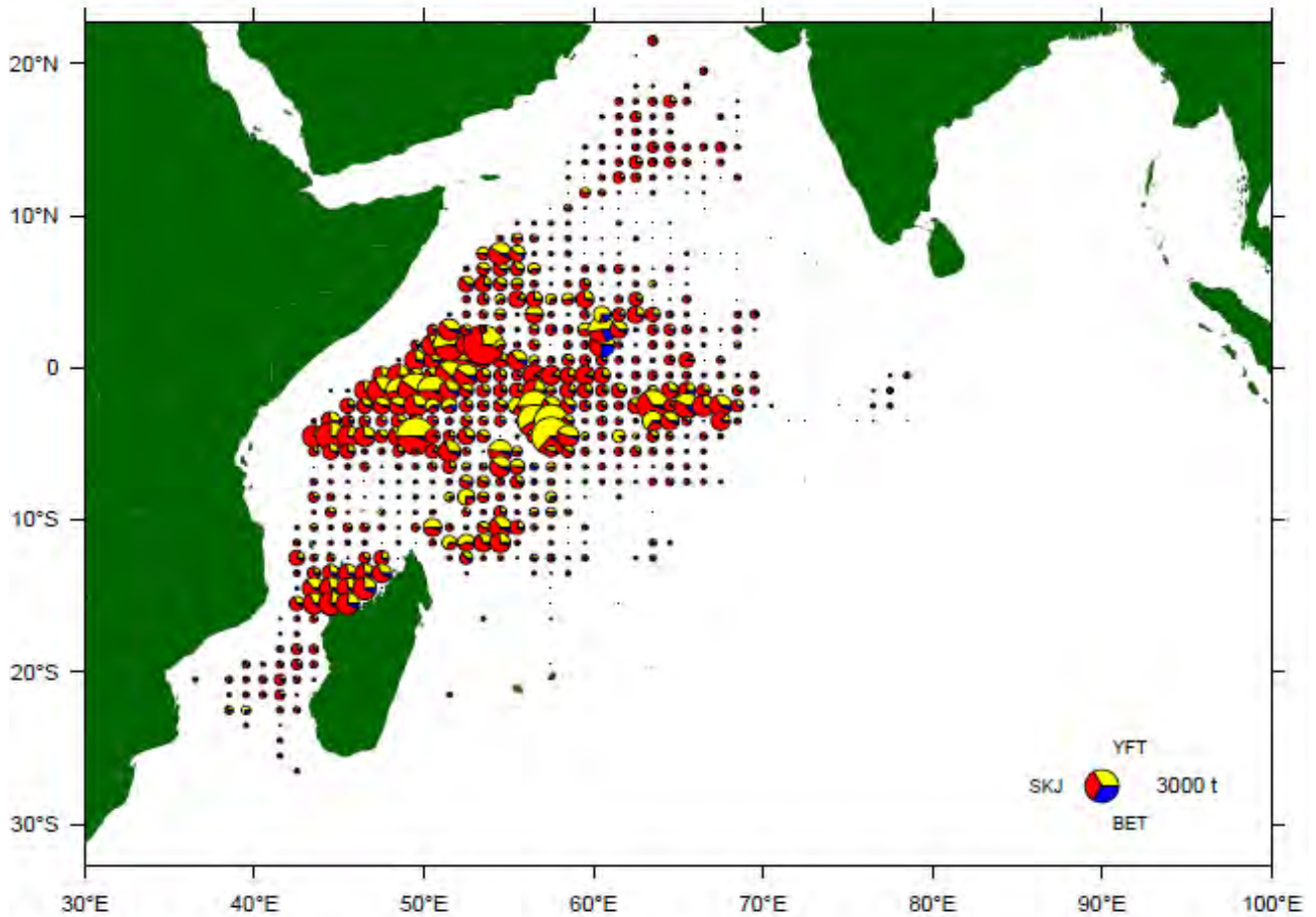


Map 1B. Purse seiners fishing ground for Year 2020

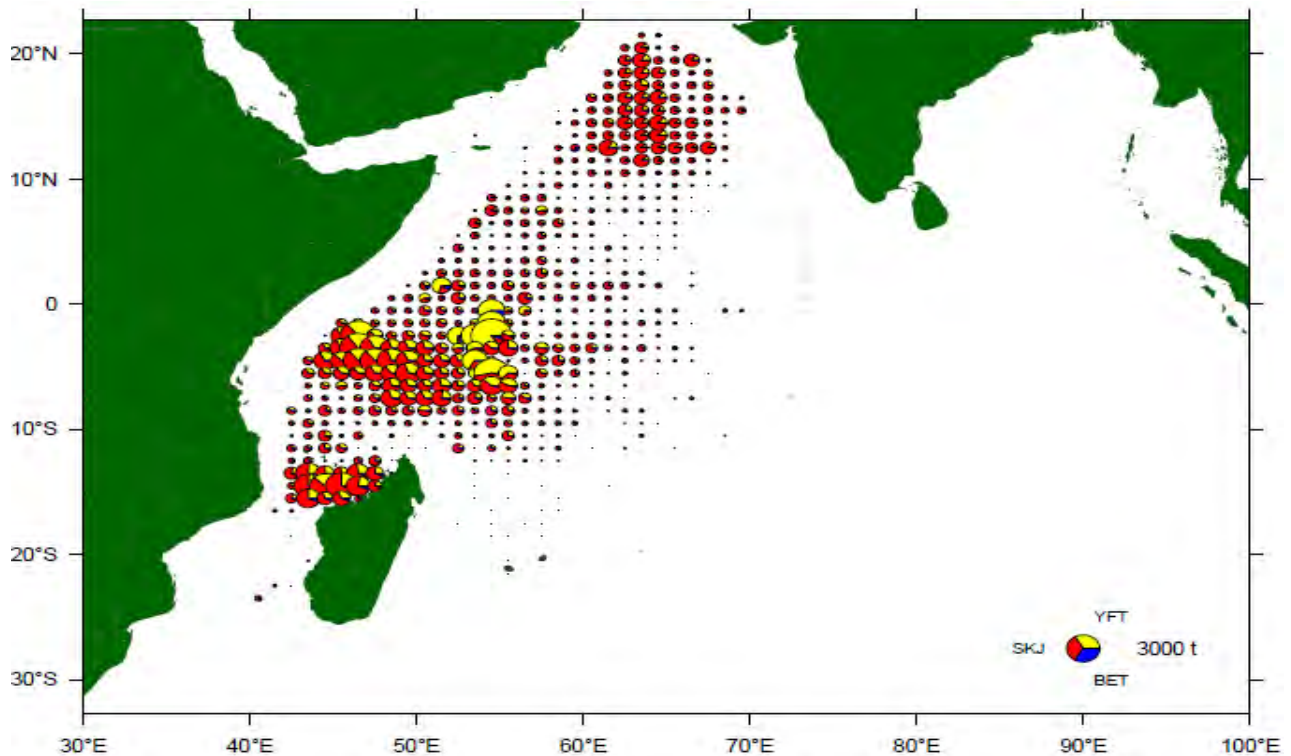


Fishing Ground Exploited by Purse Seiners

Map 1C. Purse seiners fishing ground for 1st Semester 2019

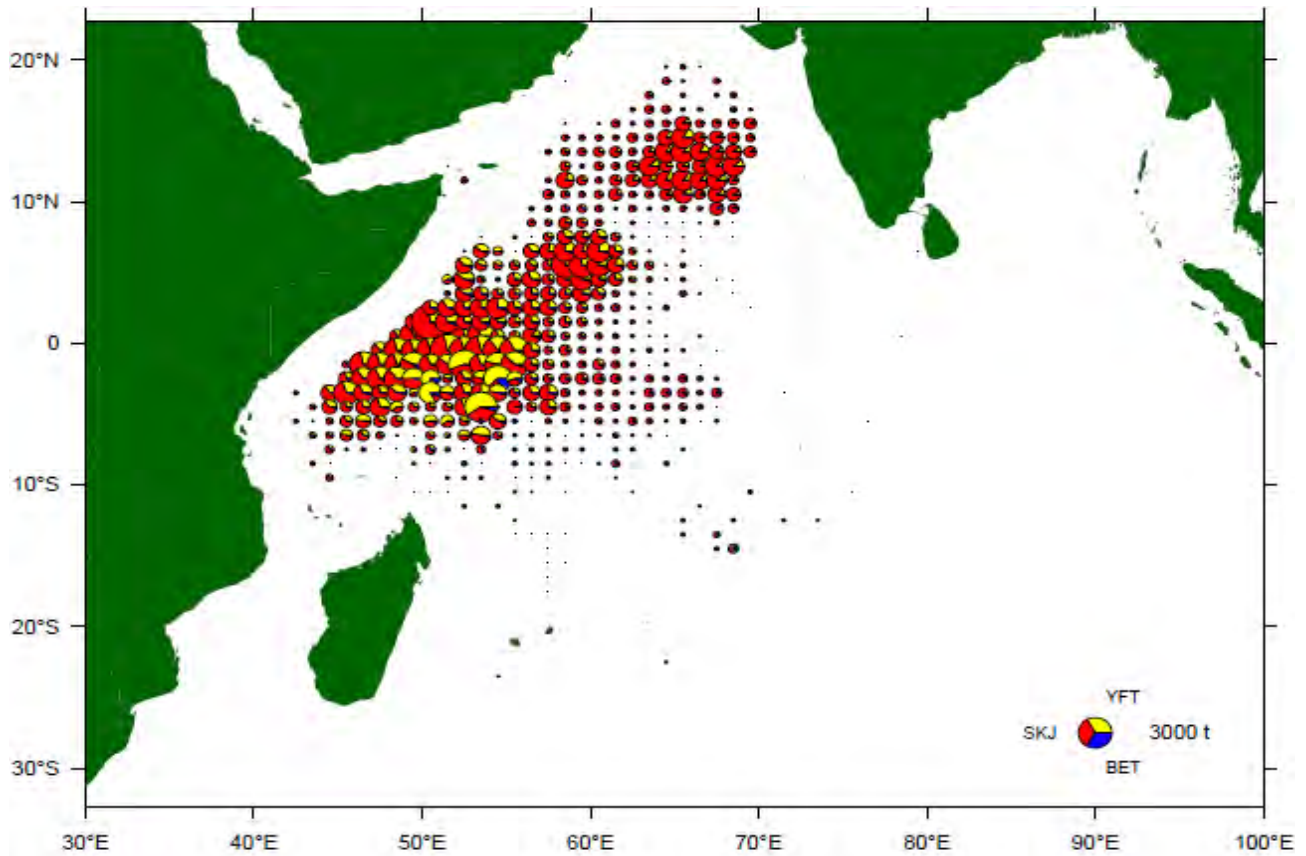


Map 1D. Purse seiners fishing ground for 1st Semester 2020

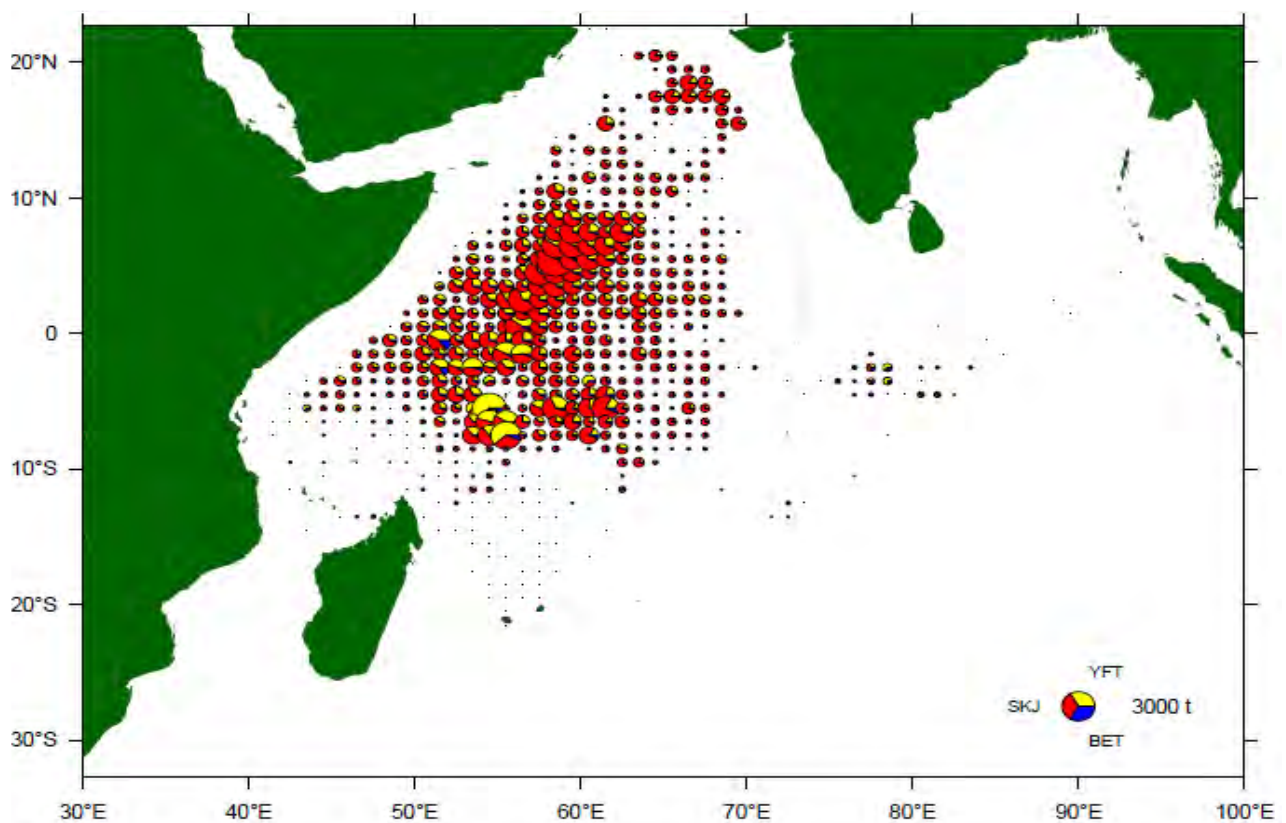


Fishing Ground Exploited by Purse Seiners

Map 1E: Purse seiners fishing ground for 2nd Semester 2019



Map 1f: Purse seiners fishing ground for 2nd Semester 2020



Industrial Longline Fishery



1. SUMMARY OF INDUSTRIAL LONGLINE FISHERY

1.1. *Logbook Returned*

- For Industrial longline fisheries only data for semester 1 of year 2020 will be published in this report. The statistics published for semester 1 of year 2020 relates to 85% of logbooks captured in the database at the time when those statistical tables were generated compared to 98% for semester 1 of the previous year (Table 2.2).
- For the Seychelles Flagged vessels 82% of logbooks were captured in the database for the first semester of year 2020 compared to 99% for the same period in 2019. For other fleet 91% of logbooks were captured in the database for the first semester of the year 2020 at the close of the database for data processing compared to 97% for same period in 2019.

1.2. *Vessels Licensed and Active*

- Following a decrease in the number of industrial longliners licensed to fish inside the Seychelles EEZ in 2010, the number of vessels taking licenses has since then been on an increasing trend from 65 vessels licensed in 2010 to reach 213 vessels licensed in 2017 (table 2.1). This increase can be attributed to the decrease in Somalia piracy activities in the region; hence more licenses were being taken by the industrial longliners. From 2017 onward, the number of vessels license has been on a decreasing trend.
- In 2020, the number of vessels licensed to fish inside the Seychelles EEZ decreased by 23 vessels resulting in only 163 vessels licensed compared to 186 vessels licensed the previous year. There was an increase of 9% in number of Seychelles registered vessels from 57 vessels licensed in 2019 to 62 vessels licensed in 2020.
- On average, 31 Seychelles registered longlines vessels and 20 Taiwanese vessels were active per month during the first semester of 2020. For the same period, in 2019, an average of 46 Seychelles registered longliners were active and 26 Taiwanese vessels were active inside the Seychelles EEZ (table 2.1C).
- It must be noted that according to logbooks received for the year 2019, the Taiwanese Vessels were not active in the Seychelles EEZ during the month of July and the vessels from the 'Other' fleet were not active in the Seychelles EEZ between the months of July to November.

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

- Following the piracy period, in 2012 a sharp increase of 182% in catches corresponding to a 92% increase in fishing effort was recorded by industrial longliners licensed to fished inside the Seychelles EEZ (table 2.2A). The total catch then decreased in 2013 to reach 16,234 MT and has since then been on an upward

trend to reach 27,309 Mt in 2016. Another drop in catches were observed for the years 2017 and 2018 followed by a record catch of 30,093 MT in 2019. The catch rate increased from 0.39 Mt/1000 hooks in 2010 to reach peak of 0.68 Mt/1000 hooks in 2012 and has since then been fluctuating between 0.38 Mt/1000 hooks and 0.56 Mt/1000 hooks (figure 2C).

- The total catch reported by all industrial longline fleet during the first semester of the year 2020 so far is estimated at 11,358 MT, obtained from a fishing effort of approximately 18.5 million hooks thus giving a mean catch rate of 0.62 MT/1000 hooks (table 2.2A). The total catch reported during the same period in 2019 was 14,253 MT, obtained from a fishing effort of approximately 26.7 million hooks with a mean catch rate of 0.53 MT/1000 hooks.
- Monthly analysis of catch rate shows that, the highest catch rate was recorded in the months April (0.79 MT/ 1000 hooks) during first semester of the year 2020. The highest catches reported during the same period in 2019 was in the month of May at 0.72 MT/ 1000 hooks.

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

- The Seychelles fleet reported an estimated catch of 8,099 MT during the first semester of the year 2020 based on 82% logbook captured. This was achieved from a fishing effort of 12.6 million hooks thus giving a mean catch rate of 0.64 MT/1000 hooks (table 2.2C). During the same period the previous year, the Seychelles fleet reported a total catch of 11,286 MT based on 99% logbook returned. This was achieved from a fishing effort of 19.3 million hooks and a mean catch rate of 0.58 MT/1000 hooks.
- The Taiwanese fleet total catches are estimated at 3,136 MT for first six months of the year 2020 based on 98% logbook returned achieved from a fishing effort of 5.6 million hooks with a mean catch rate of 0.56 MT/1000 hooks. This represents an increase of 31% in catches achieved with same level of fishing effort when compared to the same period in 2019. For the first semester of year 2019, the Taiwanese fleet reported a total catch of 2,394 MT from a fishing effort of 5.6 million hooks and a mean catch rate of 0.43 MT/1000 hooks (table 2.2D) based on 99% logbook returned.
- For first semester of the year 2020, data captured at the time of processing was very low for other fleets. However, for the first semester of the year 2019, vessels from other fleets reported an estimated catch of 573 MT achieved from a fishing effort of approximately 1.8 million hooks giving a mean catch rate of 0.33 MT/1000 hooks (table 2.2E).

1.4. Species Composition in WIO

- Historically bigeye dominated the catch of the industrial longline fishery. However, since the year 2018 yellow tuna has been dominating the catch of the industrial longline fleet. Similar observation was made during the first semester of the year

2020 and 2019 were yellowfin catches accounted for 39% and 41% of the total catch respectively. Bigeye tuna, swordfish and the 'others' category represented 36%, 8% and 9% of the total catch during first semester of the year 2020. For the same period in the year 2019, bigeye tuna, swordfish and the 'others' category represents 21%, 11% and 16% of the total catch, respectively (table 2.2B). It must be noted that the 'others' category comprised of 53% and 50% of *Ruvettus pretiosus* (oilfish) for the first semester of the years 2020 and 2019, respectively.

During the first semester of the year 2020, Yellowfin tuna catches decreased by 24% whilst bigeye tuna catches increased by 37%. Decreased in catches were also observed in Swordfish (44%) and 'other' species (57%).

1.5. 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 a sharp increase in catches after the piracy era in 2012, the catches inside the Seychelles EEZ has increased to reach a record catch of 15,626 MT in 2016 and has since been on a decreasing trend (table 2.3 ,figure 2D and 2E and 2F).
- According to logbooks captured at SFA to date, the industrial longliners licensed to fish inside the Seychelles EEZ reported to have caught an estimated catch of 4,337 MT inside of the Seychelles EEZ during the first semester of the year 2020. This was obtained from a fishing effort of approximately 7.5 million hooks giving a mean catch rate of 0.58 MT/ 1000 hooks (table 2.3A).
- During the first semester of the previous year, a total catch of 3,364 MT obtained from a fishing effort of approximately 8.4 million hooks was reported to have been caught inside of the Seychelles EEZ, thus giving a mean catch rate of 0.40 MT/1000 hooks.
- Catches inside the Seychelles EEZ were dominated by yellow tuna accounting for 39% of the total catch during the first semester of the year 2020, whilst bigeye tuna accounted for 37%. Swordfish, marlin, and shark each accounted for 7%, 4% and 8% respectively. During same period in the year 2019, yellowfin tuna represented 42% of the total catch followed by bigeye tuna 25% whilst, swordfish, marlin, and shark each accounted 9%, 5% and 12 % of the total catches inside the Seychelles EEZ.
- Analysis of monthly trend shows higher catches were recorded inside the Seychelles EEZ during the month of January for first semester of 2020 and same observations were made for the same period the previous year

1.6. Statistics of Seychelles Flagged Vessels

- An increasing trend has been observed in total catch by Seychelles registered industrial longliners from the year 2010 to reach a peak of a peak of 22,866 MT in 2019 (table 2.4 and figure 2G). Similar observations were made in, the fishing effort

by the Seychelles fleet over the last 10 years which increased from 16.3 million hooks in 2011 to 39.4 million hooks in 2018 (table 2.4 and figure 2H). The CPUE has fluctuated between 0.42 MT/1000 hooks and 0.58 MT/1000 hooks between the years 2013 to 2019 (figure 2I).

- During the first semester of the year 2020, the Seychelles fleet reported an estimated catch of 8,099 MT. This was achieved from a fishing effort of 12.6 million hooks thus giving a mean catch rate of 0.64 MT/1000 hooks (table 2.2C). During the first semester of the previous year, the Seychelles fleet reported a total catch of 11,286 MT. This was achieved from a fishing effort of 19.3 million hooks with a mean catch rate of 0.58 MT/1000 hooks.
- The Seychelles flagged industrial longliners reported to have caught 69% of their total catch or 5,615 MT of tuna on the high Seas and only 19% of their catches or 1,515 MT in the Seychelles EEZ during the first semester of the year 2020. The remaining 12% or 969 MT were reported to have been caught in foreign EEZ. During the same period of the previous year, 69% (or 7,792 MT) and 7% (or 740 MT) of the Seychelles flagged industrial longliners catches were caught on the high Seas and inside the Seychelles EEZ respectively.

1.7. Industrial Longliners statistics by Access Regime

- During the first semester of the years 2020 and 2019, 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). It must be noted that all Seychelles flagged vessels were operating under the TFI agreement. Few vessels were also operating under private agreements and the EU agreements.
- During the first semester of the year 2020, vessels operating under the National agreement accounted for 35% of the total EEZ catch whilst vessels operating under the TTA agreement represent 58% of the total EEZ catch. Vessels fishing under the Top Fortune agreement excluding all Seychelles flagged vessels represented only 4% of the total EEZ catch. For the same period in the year 2019, vessels operating under the National agreement accounted for 22% of the total EEZ catch whilst vessels operating under the TTA agreement represented 28% of the total EEZ catch.

1.8. 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 2018 and 2019 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 2019 and 2020 respectively whilst maps 2E shows the distribution of reported catch of industrial longliners by 1^o square in the WIO for the 2nd Semester of 2019.

- Maps 2B shows similar fishing pattern in 2019 when compared to the year 2018 (map 2A).
- Map 2D shows a decrease in catches 30° south and along the east Africa coast. It also shows a decrease in yellowfin catches and an increase in bigeye catches during the first semester of the year 2020 when compared to the same period in 2019 (Map 2C).

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

(Database Closed on 25/06/2021)

Years: 2010 - 2020

Country	Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
SEYCHELLES	27	24	32	33	38	45	46	54	55	57	62
TAIWAN PROVINCE OF CHINA	35	53	111	113	84	85	103	108	98	84	88
CHINA			12	16	19	19	29	43	50	44	8
JAPAN*			2	4	4	2					
KOREA						1	4	7	4		
SPAIN	1										2
PORTUGAL											2
BELIZE	1	1									
FRANCE								1	1	1	1
OMAN	1	1	2	2							
INDONESIA						1	1				
PHILIPPINES		1	7	6	1	1	1				
TANZANIA			1	1	1	1	1				
THAILAND					1	2	2				
Annual	65	80	167	175	148	157	187	213	208	186	163

* Note: Since 2012, Vessel under Japan flag were operating under Taiwanese Deep Sea Fisheries Agreement (TFA).

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

(Database Closed on 25/06/2021)

Year: 2019

Month	Seychelles*	Taiwan POC	China	France	Portugal	Spain	Total
Jan	54	74	41	1	0	0	170
Feb	53	73	39	1	0	0	166
Mar	53	74	33	1	0	0	161
Apr	53	58	26	1	0	0	138
May	54	38	17	1	0	0	110
Jun	54	36	3	1	0	0	94
Jul	56	34	3	1	0	0	94
Aug	55	36	1	1	0	0	93
Sep	57	56		1	0	0	114
Oct	57	57	1	1	0	0	116
Nov	57	59	1	1	0	0	118
Dec	57	65	3	1	0	0	126
Annual Average	55	55	15	1	0	0	125
Quarter 1	53	74	38	1	0	0	166
Quarter 2	54	44	15	1	0	0	114
Quarter 3	56	42	2	1	0	0	100
Quarter 4	57	60	2	1	0	0	120
First Semester	54	59	27	1	0	0	140
Second Semester	57	51	2	1	0	0	110

*Number of Seychelles registered vessels

Year: 2020

Month	Seychelles*	Taiwan POC	China	France	Portugal	Spain	Total
Jan	59	65	3	1			128
Feb	59	65	3	1	2	2	132
Mar	59	66	3	1	2	2	133
Apr	59	50	3	1	2	2	117
May	60	38	4	1	2	2	107
Jun	58	29	4	1	2	2	96
Jul	58	18	4	1	2	2	85
Aug	58	20	4	1	2	2	87
Sep	59	26	4	1	2	2	94
Oct	59	47	6	1	2	2	117
Nov	60	67	6	1	2	2	138
Dec	61	67	11	1	2	2	144
Annual Average	59	47	5	1	2	2	115
Quarter 1	59	65	3	1	2	2	131
Quarter 2	59	39	4	1	2	2	107
Quarter 3	58	21	4	1	2	2	89
Quarter 4	60	60	8	1	2	2	133
First Semester	59	52	3	1	2	2	119
Second Semester	59	41	6	1	2	2	111

*Number of Seychelles Registered Vessels

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

(Database Closed on 25/06/2021)

Years: 2010 - 2020

Country	Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020**
SEYCHELLES	24	23	32	33	35	42	47	51	54	56	52
TAIWAN PROVINCE OF CHINA	29	30	96	90	71	83	105	106	92	76	57
CHINA			12	13	18	17	27	41	45	25	3
JAPAN*			2	3	2						
KOREA							2				
SPAIN											1
PORTUGAL											1
BELIZE	1										
OMAN	1	1	2	1							
INDONESIA						1	1				
PHILIPPINES		1	8	5	1	1					
TANZANIA			1	1	1	1	1				
THAILAND					1	2					
Annual	55	55	153	146	129	147	183	198	191	157	114

* Note: Since 2012, Vessel under Japan flag were operating under Taiwanese Deep Sea Fisheries Agreement (TFA).

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

(Database Closed on 25/06/2021)

Year: 2019

Month	Seychelles*	Taiwan POC	China	France	Portugal	Spain	Total
Jan	49	50	20				119
Feb	46	28	10				84
Mar	43	37	12				92
Apr	43	17	3				63
May	46	20	3				69
Jun	48	2	3				53
Jul	43						43
Aug	40	1					41
Sep	43	5					48
Oct	46	26					72
Nov	49	44					93
Dec	52	59	3				114
Annual Average	46	26	8	0	0	0	74
Quarter 1	46	38	14	0	0	0	98
Quarter 2	46	13	3	0	0	0	62
Quarter 3	42	3	0	0	0	0	44
Quarter 4	49	43	3	0	0	0	93
First Semester	46	26	9	0	0	0	80
Second Semester	46	27	3	0	0	0	69

Year: 2020

Month	Seychelles*	Taiwan POC	China	France	Portugal	Spain	Total
Jan	49	54	3				106
Feb	42	21	1				64
Mar	48	6	1				55
Apr	18	16					34
May	16	22					38
Jun	13	2					15
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Annual Average	31	20	2	0	0	0	52
Quarter 1	46	27	2	0	0	0	75
Quarter 2	16	13	0	0	0	0	29
Quarter 3							
Quarter 4							
First Semester	31	20	2	0	0	0	52
Second Semester							

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

(Database Closed on 25/06/2021)

Years: 2010 - 2020

Country	Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*
SEYCHELLES	83	97	96	100	95	95	97	94	95	98	82
TAIWAN PROVINCE OF CHINA	86	74	79	76	79	95	93	99	95	99	98
CHINA	0	0	93	86	91	98	100	99	97	96	86
JAPAN	0	0	71	91	88	100	0	0	0	0	0
REPUBLIC OF KOREA	0	0	0	0	0	0	34	0	0	0	0
SPAIN	0	0	0	0	0	0	0	0	0	0	10
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0
BELIZE	18	100	0	0	0	0	0	0	0	0	0
FRANCE	0	0	0	0	0	0	0	0	0	0	0
OMAN	100	100	100	90	0	0	0	0	0	0	0
PHILIPPINES	0	100	84	68	100	50	0	0	0	0	0
TANZANIA	0	0	100	92	91	100	100	0	0	0	0
THAILAND	0	0	0	0	100	100	100	0	0	0	0
Grand Total	82	87	84	84	88	95	94	94	94	98	85

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

(Database Closed on 25/06/2021)

Country: ALL

Semester 1, Year: 2010 - 2020

Month	Effort		Catch Rate		Catches										Total Catch (Mt)
	(Hooks)	(MT/1000 Hooks)	Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
2010	10,673,653	0.37	244.8	6	1,946.1	50	248	6	104	3	185.0	5	1,181.8	30	3,909
2011	7,938,200	0.39	231.9	7	1,603.4	52	137	4	96	3	120.3	4	918.9	30	3,108
2012	10,080,389	0.85	805.6	9	6,264.6	73	522	6	514	6	165.9	2	283.0	3	8,555
2013	18,985,332	0.45	877.4	10	4,565.9	53	855	10	632	7	297.6	3	1,386.8	16	8,614
2014	16,939,623	0.44	1,589.6	21	3,511.2	47	742	10	548	7	360.6	5	733.8	10	7,486
2015	16,567,630	0.48	1,656.1	21	3,702.0	46	992	12	827	10	352.6	4	493.3	6	8,023
2016	27,703,915	0.43	2,912.8	24	4,246.0	35	1165	10	1600	13	564.7	5	1,545.5	13	12,034
2017	25,287,702	0.39	2,474.9	25	2,866.4	29	1104	11	823	8	495.0	5	2,177.0	22	9,941
2018	26,422,469	0.40	3,764.8	35	2,243.5	21	1359	13	862	8	661.2	6	1,714.9	16	10,606
2019	26,655,508	0.53	5,820.1	41	2,973.8	21	1547	11	610	4	1,059.3	7	2,242.2	16	14,253
2020	18,464,471	0.62	4,417.8	39	4,064.6	36	870	8	441	4	596.8	5	967.7	9	11,358

Country: ALL

Semester 2, Year: 2010 - 2019

Month	Effort		Catch Rate		Catches										Total Catch (Mt)
	(Hooks)	(MT/1000 Hooks)	Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
2010	11,549,028	0.41	600.4	13	2,657.6	57	236	5	236	5	186.8	4	776.4	17	4,694
2011	9,809,058	0.53	1,139.7	22	2,879.3	56	289	6	241	5	188.3	4	431.0	8	5,168
2012	23,963,719	0.62	1,588.3	11	9,622.9	65	1105	7	1335	9	652.0	4	448.7	3	14,752
2013	15,309,146	0.50	957.5	13	4,573.9	60	450	6	349	5	374.2	5	914.3	12	7,619
2014	19,592,754	0.54	1,743.6	17	5,601.3	53	711	7	643	6	782.1	7	1,034.1	10	10,515
2015	22,441,818	0.55	2,719.1	22	5,918.8	48	1209	10	1167	9	531.7	4	828.2	7	12,373
2016	35,105,409	0.44	3,378.7	22	6,199.9	41	1646	11	1198	8	766.8	5	2,085.7	14	15,274
2017	36,259,726	0.38	3,166.6	23	4,959.0	36	1203	9	730	5	901.6	7	2,693.3	20	13,654
2018	33,843,424	0.42	4,533.0	32	3,785.1	27	1622	11	722	5	1,153.8	8	2,305.3	16	14,120
2019	26,683,515	0.59	6,080.4	38	4,607.5	29	1020	6	496	3	922.5	6	2,714.4	17	15,841

Country: ALL

Year: 2010 - 2019

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2010	22,222,680	0.39	845.2	10	4,603.8	54	484	6	341	4	371.8	4	1,958.1	23	8,603
2011	17,747,258	0.47	1,371.6	17	4,482.7	54	426	5	336	4	308.5	4	1,350.0	16	8,276
2012	34,044,108	0.68	2,394.0	10	15,887.6	68	1627	7	1849	8	817.9	4	731.7	3	23,307
2013	34,294,478	0.47	1,834.9	11	9,139.8	56	1305	8	981	6	671.8	4	2,301.1	14	16,234
2014	36,532,377	0.49	3,333.3	19	9,112.5	51	1453	8	1192	7	1,142.7	6	1,767.9	10	18,001
2015	39,009,448	0.52	4,375.2	21	9,620.8	47	2201	11	1993	10	884.3	4	1,321.4	6	20,396
2016	62,809,324	0.43	6,291.5	23	10,445.8	38	2811	10	2797	10	1,331.6	5	3,631.2	13	27,309
2017	61,547,429	0.38	5,641.5	24	7,825.4	33	2307	10	1553	7	1,396.6	6	4,870.3	21	23,594
2018	60,265,893	0.41	8,297.8	34	6,028.6	24	2981	12	1584	6	1,814.9	7	4,020.2	16	24,727
2019	53,339,023	0.56	11,900.6	40	7,581.3	25	2567	9	1106	4	1,981.8	7	4,956.6	16	30,093

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

(Database Closed on 25/06/2021)

Country: ALL

Year: 2019

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	170	119	7,287,705	0.45	1,444	44	739	23	361	11	189	6	323	10	225	7	3,282		
Feb	166	84	3,527,849	0.44	577	38	339	22	224	15	115	7	183	12	100	6	1,538		
Mar	161	92	4,339,856	0.46	758	38	546	27	133	7	79	4	159	8	314	16	1,989		
Apr	138	63	4,268,361	0.67	1,343	47	437	15	234	8	73	3	203	7	577	20	2,867		
May	110	69	4,122,418	0.72	1,358	46	476	16	357	12	80	3	125	4	556	19	2,952		
Jun	94	53	3,109,319	0.52	341	21	435	27	237	15	74	5	66	4	470	29	1,624		
Jul	94	43	3,052,925	0.61	435	23	391	21	150	8	47	2	117	6	734	39	1,874		
Aug	93	41	2,717,861	0.50	268	20	241	18	125	9	26	2	138	10	560	41	1,358		
Sep	114	48	2,955,791	0.45	264	20	398	30	102	8	28	2	88	7	437	33	1,317		
Oct	116	72	4,083,691	0.50	763	37	639	31	148	7	73	4	89	4	346	17	2,058		
Nov	118	93	6,108,430	0.63	1,764	46	1,139	30	236	6	126	3	214	6	361	9	3,840		
Dec	126	114	7,764,817	0.69	2,585	48	1,800	33	259	5	197	4	276	5	276	5	5,393		
Annual	125	74	53,339,023	0.56	11,901	40	7,581	25	2,567	9	1,106	4	1,982	7	4,957	16	30,093		
Quarter 1	166	98	15,155,410	0.45	2,778	41	1,625	24	719	11	383	6	665	10	639	9	6,809		
Quarter 2	114	62	11,500,098	0.65	3,042	41	1,349	18	829	11	226	3	395	5	1,603	22	7,443		
Quarter 3	100	44	8,726,578	0.52	968	21	1,029	23	377	8	100	2	343	8	1,731	38	4,549		
Quarter 4	120	93	17,956,937	0.63	5,112	45	3,578	32	643	6	396	4	579	5	983	9	11,291		
First Semester	140	80	26,655,508	0.53	5,820	41	2,974	21	1,547	11	610	4	1,059	7	2,242	16	14,253		
Second Semester	110	69	26,683,515	0.59	6,080	38	4,607	29	1,020	6	496	3	922	6	2,714	17	15,841		

Country: ALL

Year: 2020

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	128	106	7,102,247	0.58	1,769	43	1,476	36	249	6	173	4	250	6	200	5	4,117		
Feb	132	64	3,421,453	0.61	1,005	48	691	33	130	6	76	4	120	6	72	3	2,094		
Mar	133	55	3,202,680	0.59	776	41	623	33	117	6	73	4	70	4	223	12	1,880		
Apr	117	34	1,972,012	0.79	469	30	609	39	142	9	58	4	82	5	204	13	1,564		
May	107	38	1,859,597	0.65	267	22	509	42	163	13	45	4	48	4	181	15	1,213		
Jun	96	15	906,483	0.54	132	27	156	32	70	14	17	4	27	5	89	18	491		
Jul	85																		
Aug	87																		
Sep	94																		
Oct	117																		
Nov	138																		
Dec	144																		
Annual	115	52	18,464,471	0.62	4,418	39	4,065	36	870	8	441	4	597	5	968	9	11,358		
Quarter 1	131	75	13726380.15	1	3,550	44	2,790	34	495	6	321	4	440	5	494	6	8,091		
Quarter 2	107	29	4738091.305	1	868	27	1,274	39	375	11	120	4	157	5	473	14	3,267		
Quarter 3																			
Quarter 4																			
First Semester	119	52	18,464,471	0.62	4,418	39	4,065	36	870	8	441	4	597	5	968	9	11,358		
Second Semester																			

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

(Database Closed on 25/06/2021)

Country: SEYCHELLES

Year: 2019

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	54	49	3,511,849	0.52	841	46	356	19	226	12	102	6	186	10	115	6			1,826
Feb	53	46	2,634,876	0.46	464	38	258	21	193	16	87	7	128	11	83	7			1,213
Mar	53	43	2,999,608	0.50	605	40	393	26	97	6	50	3	72	5	294	19			1,512
Apr	53	43	3,499,956	0.70	1,184	48	324	13	206	8	54	2	139	6	557	23			2,464
May	54	46	3,630,458	0.74	1,244	46	428	16	317	12	65	2	93	3	545	20			2,692
Jun	54	48	3,018,079	0.52	311	20	428	27	236	15	73	5	63	4	468	30			1,578
Jul	56	43	3,052,925	0.61	435	23	391	21	150	8	47	2	117	6	734	39			1,874
Aug	55	40	2,687,461	0.50	268	20	239	18	123	9	26	2	137	10	556	41			1,349
Sep	57	43	2,904,491	0.45	262	20	394	30	100	8	27	2	87	7	434	33			1,303
Oct	57	46	3,394,041	0.52	663	38	521	30	130	7	58	3	66	4	317	18			1,755
Nov	57	49	3,799,149	0.61	1,057	45	679	29	158	7	72	3	98	4	260	11			2,324
Dec	57	52	4,021,328	0.74	1,644	55	854	29	154	5	94	3	108	4	122	4			2,975
Annual	55	46	39,154,221	0.58	8,978	39	5,265	23	2,090	9	753	3	1,293	6	4,486	20			22,866
Quarter 1	53	46	9,146,333	0.50	1,910	42	1,008	22	517	11	238	5	386	8	493	11			4,551
Quarter 2	54	46	10,148,493	0.66	2,739	41	1,179	18	759	11	192	3	294	4	1,571	23			6,734
Quarter 3	56	42	8,644,878	0.52	965	21	1,024	23	372	8	100	2	340	8	1,724	38			4,526
Quarter 4	57	49	11,214,517	0.63	3,364	48	2,054	29	442	6	223	3	272	4	699	10			7,054
First Semester	54	46	19,294,826	0.58	4,649	41	2,187	19	1,276	11	430	4	680	6	2,063	18			11,286
Second Semester	57	46	19,859,395	0.58	4,329	37	3,078	27	814	7	323	3	613	5	2,423	21			11,580

Country: SEYCHELLES

Year: 2020

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	59	49	3,615,512	0.59	959	45	751	35	156	7	77	4	90	4	85	4			2,120	
Feb	59	42	2,736,663	0.66	912	51	569	32	113	6	64	4	80	4	56	3			1,794	
Mar	59	48	2,890,820	0.60	761	44	546	32	93	5	67	4	47	3	208	12			1,722	
Apr	59	18	1,400,603	0.87	435	36	399	33	114	9	37	3	46	4	191	16			1,222	
May	60	16	1,135,632	0.71	206	26	299	37	94	12	27	3	26	3	154	19			805	
Jun	58	13	826,113	0.53	127	29	147	34	44	10	17	4	19	4	83	19			436	
Jul	58																			
Aug	58																			
Sep	59																			
Oct	59																			
Nov	60																			
Dec	61																			
Annual	59	31	12,605,343	0.64	3,400	42	2,711	33	614	8	288	4	308	4	777	10			8,099	
Quarter 1	59	46	9,242,995	0.61	2,633	47	1,867	33	362	6	208	4	217	4	349	6			5,636	
Quarter 2	59	16	3,362,348	0.73	768	31	845	34	252	10	80	3	90	4	428	17			2,463	
Quarter 3																				
Quarter 4																				
First Semester	59	31	12,605,343	0.64	3,400	42	2,711	33	614	8	288	4	308	4	777	10			8,099	
Second Semester																				

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

(Database Closed on 25/06/2021)

Country: TAIWAN PROVINCE OF CHINA

Year: 2019

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	74	50	2,867,407	0.42	490	41	316	26	94	8	70	6	137	12	84	7	1,191
Feb	73	28	663,673	0.39	89	34	63	24	24	9	20	8	53	20	12	4	261
Mar	74	37	948,148	0.37	81	23	132	38	30	9	24	7	70	20	13	4	350
Apr	58	17	688,905	0.53	133	37	111	31	27	7	17	5	58	16	17	5	365
May	38	20	417,260	0.53	85	38	45	20	39	18	14	6	31	14	7	3	222
Jun	36	2	13,040	0.51	4	56	0	2	1	9	0	6	1	14	1	13	7
Jul	34	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	36	1	30,400	0.31	0	5	2	18	2	23	0	1	1	13	4	40	9
Sep	56	5	51,300	0.27	3	18	4	28	2	16	0	3	2	12	3	22	14
Oct	57	26	689,650	0.44	100	33	117	39	19	6	15	5	23	7	29	10	303
Nov	59	44	2,309,281	0.66	707	47	460	30	78	5	55	4	115	8	101	7	1,516
Dec	65	59	3,609,999	0.65	899	39	915	39	102	4	101	4	168	7	148	6	2,334
Annual	55	24	12,289,063	0.53	2,592	39	2,165	33	418	6	317	5	659	10	419	6	6,570
Quarter 1	74	38	4,479,228	0.40	660	37	510	28	148	8	113	6	261	14	109	6	1,801
Quarter 2	44	13	1,119,205	0.53	222	37	157	26	67	11	32	5	90	15	25	4	593
Quarter 3	42	2	81,700	0.29	3	13	6	24	4	19	1	2	3	13	7	30	23
Quarter 4	60	43	6,608,930	0.63	1,707	41	1,493	36	199	5	171	4	306	7	278	7	4,153
First Semester	59	26	5,598,433	0.43	882	37	667	28	214	9	145	6	351	15	134	6	2,394
Second Semester	51	23	6,690,630	0.62	1,710	41	1,498	36	203	5	171	4	309	7	285	7	4,176

Country: TAIWAN PROVINCE OF CHINA

Year: 2020

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	65	54	3,300,736	0.58	756	40	706	37	88	5	92	5	160	8	105	6	1,906
Feb	65	21	630,790	0.44	83	30	117	42	15	6	11	4	39	14	14	5	279
Mar	66	6	284,860	0.51	7	5	74	51	23	16	5	3	23	16	14	10	146
Apr	50	16	571,409	0.60	34	10	210	61	28	8	21	6	37	11	13	4	342
May	38	22	723,964	0.56	61	15	210	52	69	17	18	5	22	5	27	7	407
Jun	29	2	80,370	0.68	5	9	10	17	26	47	1	1	8	15	5	10	55
Jul	18																
Aug	20																
Sep	26																
Oct	47																
Nov	67																
Dec	67																
Annual	47	20	5,592,129	0.56	947	30	1,326	42	248	8	147	5	288	9	179	6	3,136
Quarter 1	65	27	4,216,386	0.55	847	36	896	38	126	5	107	5	222	10	133	6	2,332
Quarter 2	39	13	1,375,743	0.58	100	12	429	53	122	15	40	5	67	8	46	6	804
Quarter 3																	
Quarter 4																	
First Semester	52	20	5,592,129	0.56	947	30	1,326	42	248	8	147	5	288	9	179	6	3,136
Second Semester																	

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

(Database Closed on 25/06/2021)

Country: OTHERS

Year: 2019

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)	(%)	
Jan	42	20	908,449	0.29	113	43	68	26	41	15	17	6	0	26	10		265
Feb	40	10	229,300	0.28	24	38	18	28	7	12	9	13	2	2	5	7	64
Mar	34	12	392,100	0.33	71	56	21	17	6	4	6	5	17	13	7	5	128
Apr	27	3	79,500	0.48	25	66	2	6	1	3	1	3	6	16	2	5	38
May	18	3	74,700	0.52	28	73	4	10	2	4	1	2	1	4	3	8	39
Jun	4	3	78,200	0.50	27	69	7	17	1	1	0	1	3	7	2	5	39
Jul	4	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep	1	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec	4	3	133,490	0.63	42	50	31	37	2	3	2	3	1	1	6	7	84
Annual	15	5	1,895,739	0.35	330	50	151	23	60	9	36	5	30	5	51	8	657
Quarter 1	39	14	1,529,849	0.30	208	46	107	23	54	12	32	7	18	4	38	8	457
Quarter 2	16	3	232,400	0.50	81	69	13	11	3	3	2	2	11	9	7	6	116
Quarter 3	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Quarter 4	3	1	133,490	0.63	42	50	31	37	2	3	2	3	1	1	6	7	84
First Semester	28	9	1,762,249	0.33	289	50	120	21	57	10	34	6	29	5	45	8	573
Second Semester	3	1	133,490	0.63	42	50	31	37	2	3	2	3	1	1	6	7	84

Country: OTHERS

Year: 2020

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)	(%)	
Jan	4	3	186,000	0.49	54	59	19	21	5	5	4	4	0	10	11		91
Feb	8	1	54,000	0.38	10	48	5	26	1	6	2	9	1	5	1	7	21
Mar	8	1	27,000	0.44	7	57	3	25	1	10	0	3	0	1	6		12
Apr	8	0															
May	9	0															
Jun	9	0															
Jul	9																
Aug	9																
Sep	9																
Oct	11																
Nov	11																
Dec	16																
Annual	9	1	267,000	0.46	70	57	27	22	7	6	6	5	1	1	12	10	123
Quarter 1	7	2	267,000	0.46	70	57	27	22	7	6	6	5	1	1	12	10	123
Quarter 2	9	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Quarter 3																	
Quarter 4																	
First Semester	8	1	267,000	0.46	70	57	27	22	7	6	6	5	1	1	12	10	123
Second Semester																	

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

(Database Closed on 25/06/2021)

Country: ALL

Semester 1, Year: 2010 - 2020

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)	(%)	
2010	1,117,182	0.32	39	11	243	68	23	6	13	3	19	5	23	6	359
2011	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2,236,385	0.83	256	14	1,309	71	98	5	105	6	68	4	20	1	1,856
2013	7,397,036	0.42	433	14	1,839	59	290	9	306	10	146	5	83	3	3,098
2014	7,150,969	0.38	737	27	1,296	48	218	8	189	7	193	7	70	3	2,703
2015	7,358,909	0.39	775	27	1,250	43	311	11	278	10	194	7	92	3	2,901
2016	13,673,906	0.42	1,741	30	2,186	38	570	10	769	13	318	5	226	4	5,809
2017	10,650,142	0.34	1,099	30	1,309	36	455	13	343	10	262	7	138	4	3,607
2018	9,603,367	0.32	1,344	43	755	24	389	12	240	8	235	8	148	5	3,110
2019	8,377,428	0.40	1,416	42	853	25	293	9	183	5	418	12	200	6	3,364
2020	7,523,306	0.58	1,679	39	1,603	37	318	7	177	4	328	8	232	5	4,337

Country: ALL

Semester 2, Year: 2010 - 2019

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)	(%)	
2010	4,338,207	0.47	333	16	1,277	63	72	4	127	6	97	5	118	6	2,023
2011	2,415,460	0.56	400	30	701	52	64	5	78	6	68	5	31	2	1,343
2012	13,588,854	0.55	1,040	14	4,693	63	509	7	681	9	365	5	152	2	7,439
2013	7,207,523	0.55	540	14	2,802	70	174	4	198	5	184	5	80	2	3,979
2014	12,808,336	0.56	1,532	21	4,143	57	429	6	436	6	474	7	210	3	7,224
2015	14,362,378	0.54	2,177	28	3,957	51	505	6	659	8	318	4	180	2	7,795
2016	22,149,887	0.44	2,856	29	4,547	46	771	8	777	8	601	6	265	3	9,817
2017	21,786,365	0.36	2,130	27	3,636	46	622	8	434	6	607	8	412	5	7,840
2018	17,981,382	0.39	2,518	36	2,289	33	651	9	391	6	666	10	468	7	6,981
2019	9,732,500	0.68	3,277	50	2,013	31	322	5	222	3	365	6	375	6	6,576

Country: ALL

Year: 2010 - 2019

Area: SYC EEZ

Month	Effort	Catch Rate	Catches										Total Catch		
			Yellowfin	Bigeye	Swordfish	Marlin	Shark	Others							
2010	5,455,388	0.44	372	16	1,520	64	95	4	139	6	116	5	141	6	2,382
2011	2,415,460	0.56	400	30	701	52	64	5	78	6	68	5	31	2	1,343
2012	15,825,239	0.59	1,296	14	6,002	65	607	7	786	8	433	5	172	2	9,296
2013	14,604,559	0.48	973	14	4,642	66	465	7	504	7	330	5	163	2	7,077
2014	19,959,305	0.50	2,270	23	5,439	55	648	7	624	6	668	7	280	3	9,927
2015	21,721,287	0.49	2,952	28	5,207	49	816	8	937	9	512	5	272	3	10,696
2016	35,823,793	0.44	4,597	29	6,732	43	1,341	9	1,546	10	919	6	491	3	15,626
2017	32,436,507	0.35	3,229	28	4,945	43	1,077	9	777	7	869	8	550	5	11,447
2018	27,584,749	0.37	3,861	38	3,044	30	1,039	10	631	6	900	9	616	6	10,091
2019	18,109,928	0.55	4,693	47	2,866	29	615	6	406	4	784	8	576	6	9,939

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

(Database Closed on 25/06/2021)

Country: ALL

Year: 2019

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)	(%)	
Jan	170	119	4,584,669	0.37	690	41	460	27	154	9	97	6	170	10	127	7	1,697
Feb	166	84	1,062,022	0.36	134	35	95	25	37	10	31	8	64	17	18	5	378
Mar	161	92	1,358,366	0.37	194	38	153	30	35	7	26	5	81	16	20	4	508
Apr	138	63	798,683	0.60	243	51	99	21	30	6	18	4	67	14	20	4	477
May	110	69	439,544	0.54	123	52	38	16	30	12	10	4	29	12	9	4	239
Jun	94	53	134,144	0.48	33	51	8	13	7	11	1	2	8	12	7	11	64
Jul	94	43	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	93	41	53,429	0.25	2	17	3	20	3	20	0	2	1	11	4	30	13
Sep	114	48	256,653	0.40	47	46	29	29	6	6	2	2	4	4	13	13	102
Oct	116	72	959,892	0.50	207	43	157	33	31	7	20	4	28	6	38	8	481
Nov	118	93	3,065,214	0.71	1,155	53	580	26	129	6	73	3	127	6	128	6	2,190
Dec	126	114	5,397,312	0.70	1,867	49	1,245	33	153	4	127	3	206	5	192	5	3,789
Annual	125	74	18,109,928	0.55	4,693	47	2,866	29	615	6	406	4	784	8	576	6	9,939
Quarter 1	166	98	7,005,056	0.37	1,017	39	708	27	226	9	154	6	314	12	164	6	2,583
Quarter 2	114	62	1,372,371	0.57	399	51	145	19	67	9	30	4	104	13	36	5	780
Quarter 3	100	44	310,082	0.37	49	43	32	28	9	8	2	2	6	5	17	15	115
Quarter 4	120	93	9,422,418	0.69	3,228	50	1,981	31	313	5	220	3	360	6	358	6	6,460
First Semester	140	80	8,377,428	0.40	1,416	42	853	25	293	9	183	5	418	12	200	6	3,364
Second Semester	110	69	9,732,500	0.68	3,277	50	2,013	31	322	5	222	3	365	6	375	6	6,576

Country: ALL

Year: 2020

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)	(%)	
Jan	128	106	4,805,620	0.57	1,211	44	937	34	141	5	118	4	197	7	146	5	2,750
Feb	132	64	874,384	0.53	197	42	144	31	22	5	17	4	55	12	29	6	465
Mar	133	55	587,224	0.46	64	24	122	45	29	11	12	4	29	11	16	6	273
Apr	117	34	423,016	0.75	80	25	170	53	28	9	11	3	18	6	12	4	319
May	107	38	738,369	0.62	111	24	218	47	71	15	18	4	21	5	23	5	461
Jun	96	15	94,694	0.73	16	23	12	18	27	39	1	1	8	11	6	8	69
Jul	85																
Aug	87																
Sep	94																
Oct	117																
Nov	138																
Dec	144																
Annual	115	52	7,523,306	0.58	1,679	39	1,603	37	318	7	177	4	328	8	232	5	4,337
Quarter 1	131	75	6,267,228	0.56	1,472	42	1,203	34	192	6	147	4	281	8	192	5	3,487
Quarter 2	107	29	1,256,078	0.68	206	24	400	47	125	15	30	4	47	6	41	5	850
Quarter 3																	
Quarter 4																	
First Semester	119	52	7,523,306	0.58	1,679	39	1,603	37	318	7	177	4	328	8	232	5	4,337
Second Semester																	

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

(Database Closed on 25/06/2021)

Country: SEYCHELLES

Year: 2019

Area: SYC EEZ

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate MT/1000 Hook	Catches												Total Catch (Mt)
					Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	54	49	1,015,619	0.34	137	39	104	30	31	9	17	5	40	11	21	6	350
Feb	53	46	251,679	0.33	29	35	25	30	8	9	5	6	13	16	3	4	82
Mar	53	43	233,647	0.48	61	55	32	29	7	6	4	4	4	4	3	3	112
Apr	53	43	176,258	0.83	97	66	26	18	8	6	4	2	5	4	6	4	146
May	54	46	37,844	0.76	23	80	3	11	2	7	0	1	0	0	1	2	29
Jun	54	48	49,004	0.43	3	12	2	10	6	30	1	3	4	21	5	24	21
Jul	56	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	55	40	23,029	0.17	2	48	1	27	0	13	0	3	0	5	0	5	4
Sep	57	43	210,953	0.43	45	50	26	28	4	5	2	2	3	3	11	12	90
Oct	57	46	365,852	0.59	118	54	57	26	14	7	6	3	7	3	15	7	218
Nov	57	49	1,114,183	0.79	517	59	211	24	56	6	25	3	23	3	44	5	876
Dec	57	52	1,959,952	0.81	1,000	63	386	24	62	4	44	3	45	3	54	3	1,591
Annual	55	42	5,438,020	0.65	2,032	58	872	25	199	6	107	3	145	4	163	5	3,518
Quarter 1	53	46	1,500,944	0.36	227	42	161	30	46	8	26	5	58	11	27	5	545
Quarter 2	54	46	263,106	0.74	122	63	31	16	16	8	4	2	10	5	11	6	196
Quarter 3	56	28	233,982	0.40	47	50	27	28	5	5	2	2	3	3	11	12	94
Quarter 4	57	49	3,439,988	0.78	1,635	61	653	24	132	5	75	3	75	3	113	4	2,684
First Semester	54	46	1,764,051	0.42	350	47	192	26	62	8	30	4	67	9	38	5	740
Second Semester	57	38	3,673,970	0.76	1,682	61	680	24	136	5	77	3	78	3	124	4	2,778

Country: SEYCHELLES

Year: 2020

Area: SYC EEZ

Month	Vessels Licensed (Number)	Vessels Covered (Number)	Effort (Hooks)	Catch Rate MT/1000 Hook	Catches												Total Catch (Mt)
					Yellowfin (Mt)	(%)	Bigeye (Mt)	(%)	Swordfish (Mt)	(%)	Marlin (Mt)	(%)	Shark (Mt)	(%)	Others (Mt)	(%)	
Jan	59	49	1,536,215	0.58	457	51	275	31	53	6	32	4	44	5	36	4	897
Feb	59	42	253,724	0.77	115	59	34	17	7	3	6	3	19	10	15	8	196
Mar	59	48	325,314	0.45	52	35	64	43	11	7	7	5	9	6	4	3	148
Apr	59	18	139,590	0.99	53	39	63	46	13	9	3	2	3	2	3	2	138
May	60	16	124,134	0.95	62	53	38	32	13	11	2	1	2	2	2	1	118
Jun	58	13	27,464	0.69	11	56	3	17	2	13	0	2	2	9	0	2	19
Jul	58																
Aug	58																
Sep	59																
Oct	59																
Nov	60																
Dec	61																
Annual	59	31	2,406,440	0.63	750	50	477	31	98	6	51	3	79	5	60	4	1,515
Quarter 1	59	46	2,115,253	0.59	624	50	373	30	70	6	46	4	72	6	55	4	1,240
Quarter 2	59	16	291,188	0.94	126	46	104	38	28	10	5	2	7	2	5	2	275
Quarter 3																	
Quarter 4																	
First Semester	59	31	2,406,440	0.63	750	50	477	31	98	6	51	3	79	5	60	4	1,515
Second Semester																	

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

(Database Closed on 25/06/2021)

Country: TAIWAN PROVINCE OF CHINA

Year: 2019

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)	(%)	
Jan	74	50	2,674,597	0.41	441	41	289	27	83	8	64	6	129	12	80	7	1,086
Feb	73	28	584,543	0.40	81	35	53	23	22	9	18	8	49	21	11	5	233
Mar	74	37	732,619	0.37	61	23	100	37	22	8	16	6	60	22	10	4	269
Apr	58	17	546,425	0.54	122	41	71	24	21	7	14	5	55	19	12	4	295
May	38	20	341,100	0.53	80	44	31	17	26	15	9	5	28	15	6	3	180
Jun	36	2	9,940	0.55	4	67	0	3	0	3	0	7	1	12	0	7	5
Jul	34	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug	36	1	30,400	0	0	5	2	18	2	23	0	1	1	13	4	40	9
Sep	56	5	45,700	0.27	2	13	4	32	2	18	0	4	2	13	2	20	12
Oct	57	26	594,040	0.44	89	34	100	38	17	6	14	5	20	8	23	9	263
Nov	59	44	1,951,031	0.67	638	49	369	28	73	6	48	4	104	8	83	6	1,314
Dec	65	59	3,314,810	0.64	829	39	829	39	89	4	81	4	160	8	133	6	2,122
Annual	55	24	10,825,205	0.53	2,346	41	1,847	32	358	6	263	5	609	11	365	6	5,788
Quarter 1	74	38	3,991,759	0.40	583	37	441	28	127	8	97	6	238	15	101	6	1,587
Quarter 2	44	13	897,465	0.53	205	43	102	21	47	10	23	5	84	17	18	4	480
Quarter 3	42	2	76,100	0.28	2	9	6	26	4	20	1	3	3	13	6	29	22
Quarter 4	60	43	5,859,881	0.63	1,556	42	1,298	35	179	5	142	4	284	8	239	6	3,699
First Semester	59	26	4,889,224	0.42	788	38	543	26	174	8	120	6	322	16	119	6	2,067
Second Semester	51	23	5,935,981	0.63	1,558	42	1,303	35	184	5	143	4	287	8	246	7	3,721

Country: TAIWAN PROVINCE OF CHINA

Year: 2020

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)	(%)	
Jan	65	54	3,098,406	0.57	703	40	645	36	83	5	83	5	153	9	101	6	1,768
Feb	65	21	566,660	0.44	72	29	105	42	14	6	9	4	34	14	13	5	248
Mar	66	6	237,910	0.49	7	6	56	49	18	15	4	3	20	17	11	10	116
Apr	50	16	283,426	0.64	26	15	107	59	16	9	8	4	16	9	9	5	182
May	38	22	614,234	0.56	49	14	180	52	58	17	16	5	19	6	21	6	343
Jun	29	2	67,230	0.74	5	10	9	18	24	48	0	1	6	12	5	10	50
Jul	18																
Aug	20																
Sep	26																
Oct	47																
Nov	67																
Dec	67																
Annual	47	20	4,867,866	0.56	862	32	1,102	41	212	8	121	4	248	9	161	6	2,707
Quarter 1	65	27	3,902,976	0.55	782	37	806	38	115	5	96	5	208	10	126	6	2,132
Quarter 2	39	13	964,891	0.60	80	14	296	52	98	17	25	4	40	7	35	6	575
Quarter 3																	
Quarter 4																	
First Semester	52	20	4,867,866	0.56	862	32	1,102	41	212	8	121	4	248	9	161	6	2,707
Second Semester																	

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

(Database Closed on 25/06/2021)

Country: OTHERS

Year: 2019

Area: SYC EEZ

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	42	20	894,453	0.29	112	43	67	26	40	15	16	6	0	26	10	261	
Feb	40	10	225,800	0.28	24	38	17	28	7	12	9	14	2	4	6	63	
Mar	34	12	392,100	0.33	71	56	21	17	6	4	6	5	17	7	5	128	
Apr	27	3	76,000	0.49	24	66	2	6	1	3	1	3	6	17	2	37	
May	18	3	60,600	0.50	21	69	3	12	2	5	1	2	1	4	3	30	
Jun	4	3	75,200	0.50	26	69	6	16	1	1	0	1	3	7	2	38	
Jul	4	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	
Aug	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	
Sep	1	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	
Oct	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	
Nov	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	
Dec	4	3	122,550	0.63	37	48	30	38	2	3	2	3	1	5	7	77	
Annual	15	5	1,846,703	0.34	316	50	147	23	59	9	35	6	29	5	48	8	633
Quarter 1	39	14	1,512,353	0.30	207	46	106	23	53	12	31	7	18	4	36	8	452
Quarter 2	16	3	211,800	0.50	72	68	12	11	3	3	2	2	10	10	6	6	105
Quarter 3	2	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
Quarter 4	3	1	122,550	0.63	37	48	30	38	2	3	2	3	1	5	7	77	77
First Semester	28	9	1,724,153	0.32	279	50	117	21	56	10	33	6	28	5	42	8	557
Second Semester	3	1	122,550	0.63	37	48	30	38	2	3	2	3	1	1	5	7	77

Country: OTHERS

Year: 2020

Area: SYC EEZ

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	4	3	171,000	0.50	51	60	17	20	5	6	3	4	0	9	11	85		
Feb	8	1	54,000	0.38	10	48	5	26	1	6	2	9	1	5	1	21		
Mar	8	1	24,000	0.40	5	57	2	22	1	12	0	2	0	1	7	10		
Apr	8	0																
May	9	0																
Jun	9	0																
Jul	9	0																
Aug	9	0																
Sep	9	0																
Oct	11	0																
Nov	11	0																
Dec	16	0																
Annual	9	0	249,000	0.46	66	58	24	21	7	6	5	5	1	1	11	10	115	
Quarter 1	7	2	249,000	0.46	66	58	24	21	7	6	5	5	1	1	11	10	115	
Quarter 2	9	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	
Quarter 3																		
Quarter 4																		
First Semester	8	1	249,000	0.46	66	58	24	21	7	6	5	5	1	1	11	10	115	
Second Semester																		

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

(Database Closed on 25/06/2021)

Country: SEYCHELLES

Area: WIO

Year: 2010 - 2019

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2010	17,629,497	0.38	527	8	3384	51	409	6	214	3	282	4	1841	28	6659
2011	16,334,209	0.46	1184	16	4082	54	396	5	285	4	283	4	1337	18	7566
2012	19,565,233	0.77	1220	8	10750	71	1082	7	1109	7	389	3	567	4	15117
2013	23,477,396	0.49	1177	10	6193	54	945	8	564	5	392	3	2160	19	11431
2014	21,585,172	0.50	1643	15	5260	49	965	9	687	6	583	5	1551	15	10689
2015	22,825,037	0.55	2306	18	5835	47	1621	13	1238	10	436	3	1083	9	12520
2016	34,617,894	0.43	2634	18	5267	35	1863	12	1548	10	496	3	3200	21	15009
2017	35,280,712	0.42	3423	23	3897	27	1468	10	908	6	607	4	4400	30	14704
2018	39,370,820	0.45	5845	33	3675	21	2223	13	1085	6	1197	7	3531	20	17558
2019	39,154,221	0.58	8978	39	5265	23	2090	9	753	3	1293	6	4486	20	22866

Country: SEYCHELLES

Area: Seychelles EEZ

Year: 2010 - 2019

Month	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)
			Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others		
			(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	
2010	1,444,072	0.44	79	13	432	68	27	4	27	4	32	5	35	5	632
2011	1,233,609	0.61	236	31	382	51	38	5	34	5	44	6	18	2	752
2012	2,630,029	0.71	196	10	1376	74	118	6	116	6	38	2	19	1	1863
2013	4,744,165	0.58	373	14	1974	72	137	5	126	5	78	3	43	2	2732
2014	5,876,348	0.52	639	21	1848	61	191	6	147	5	135	4	71	2	3031
2015	6,742,755	0.49	980	30	1664	50	281	8	242	7	100	3	47	1	3314
2016	10,071,951	0.42	1126	27	1978	47	460	11	431	10	154	4	89	2	4240
2017	8,432,538	0.39	1181	36	1360	41	310	9	198	6	155	5	123	4	3328
2018	8,023,333	0.42	1565	46	832	25	335	10	176	5	316	9	158	5	3382
2019	5,438,020	0.65	2032	58	872	25	199	6	107	3	145	4	163	5	3518

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

(Database Closed on 25/06/2021)

Country: SEYCHELLES

Year: 2019

Area	Quarter	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)	Cumulative Total (Mt)
				Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others			
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
Seychelles EEZ	1	1,500,944	0.36	227	42	161	30	46	8	26	5	58	11	27	5	545	545
	2	263,106	0.74	122	63	31	16	16	8	4	2	10	5	11	6	196	740
	3	233,982	0.40	47	50	27	28	5	5	2	2	3	3	11	12	94	834
	4	3,439,988	0.78	1,635	61	653	24	132	5	75	3	75	3	113	4	2,684	3,518
SYC EEZ Total		5,438,020	0.65	2,032	58	872	25	199	6	107	3	145	4	163	5	3,518	
Foreign EEZ	1	1,292,078	0.81	508	49	252	24	66	6	43	4	92	9	81	8	1,042	1,042
	2	2,051,026	0.83	1,090	64	175	10	207	12	20	1	87	5	133	8	1,712	2,754
	3	1,723,730	0.60	376	36	262	25	106	10	13	1	114	11	169	16	1,039	3,793
	4	1,979,467	0.63	424	34	583	47	68	5	31	3	64	5	70	6	1,240	5,033
Foreign EEZ Total		7,046,300	0.71	2,398	48	1,272	25	446	9	107	2	357	7	452	9	5,033	
High Seas	1	6,353,310	0.47	1,175	40	595	20	405	14	169	6	236	8	385	13	2,965	2,965
	2	7,834,361	0.62	1,527	32	973	20	535	11	168	3	197	4	1,426	30	4,827	7,792
	3	6,687,166	0.51	542	16	735	22	262	8	85	3	224	7	1,545	46	3,393	11,185
	4	5,795,063	0.54	1,305	42	818	26	242	8	117	4	133	4	516	16	3,130	14,315
High Seas Total		26,669,900	0.54	4,548	32	3,121	22	1,445	10	539	4	790	6	3,871	27	14,315	
WIO Total	1	9,146,333	0.50	1,910	42	1,008	22	517	11	238	5	386	8	493	11	4,551	4,551
	2	10,148,493	0.66	2,739	24	1,179	10	759	7	192	2	294	3	1,571	14	6,734	11,286
	3	8,644,878	0.52	965	6	1,024	6	372	2	100	1	340	2	1,724	11	4,526	15,811
	4	11,214,517	0.63	3,364	15	2,054	9	442	2	223	1	272	1	699	3	7,054	22,866
Grand Total		39,154,221	0.58	8,978	39	5,265	23	2,090	9	753	3	1,293	6	4,486	20	22,866	

Country: SEYCHELLES

Year: 2020

Area	Quarter	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)	Cumulative Total (Mt)
				Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others			
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
Seychelles EEZ	1	2,115,253	0.59	624	50	373	30	70	6	46	4	72	6	55	4	1,240	1,240
	2	291,188	0.94	126	46	104	38	28	10	5	2	7	2	5	2	275	1,515
	3																1,515
	4																1,515
SYC EEZ Total		2,406,440	0.63	750	50	477	31	98	6	51	3	79	5	60	4	1,515	
Foreign EEZ	1	610,620	0.99	251	42	223	37	41	7	19	3	52	9	18	3	605	605
	2	347,440	1.05	183	50	83	23	51	14	10	3	12	3	23	6	364	969
	3																969
	4																969
Foreign EEZ Total		958,060	1.01	435	45	306	32	92	10	30	3	65	7	41	4	969	
High Seas	1	6,517,122	0.58	1,757	46	1,270	34	250	7	143	4	93	2	276	7	3,790	3,790
	2	2,723,721	0.67	458	25	658	36	174	10	65	4	71	4	399	22	1,824	5,615
	3																5,615
	4																5,615
High Seas Total		9,240,843	0.61	2,215	39	1,928	34	424	8	208	4	164	3	675	12	5,615	
WIO Total	1	9,242,995	0.61	2,633	47	1,867	33	362	6	208	4	217	4	349	6	5,636	5,636
	2	3,362,348	0.73	768	9	845	10	252	3	80	1	90	1	428	5	2,463	8,099
	3																8,099
	4																8,099
Grand Total		12,605,343	0.64	3,400	42	2,711	33	614	8	288	4	308	4	777	10	8,099	

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

(Database Closed on 25/06/2021)

Country: All

Year: 2019

Quarter	Flag	Effort (Hooks)			Total Catch		
		SYC EEZ	Foreign EEZ	High Seas	SYC EEZ	Foreign EEZ	High Seas
1	Seychelles	16%	14%	69%	12%	23%	65%
	Taiwan Province of China	89%	1%	10%	88%	2%	10%
	Others	99%	0%	1%	99%	0%	1%
Quarter 1 Total		46%	9%	45%	38%	16%	46%
2	Seychelles	3%	20%	77%	3%	25%	72%
	Taiwan Province of China	80%	0%	20%	81%	0%	19%
	Others	91%	1%	8%	90%	1%	9%
Quarter 2 Total		12%	18%	70%	10%	23%	66%
3	Seychelles	3%	20%	77%	2%	23%	75%
	Taiwan Province of China	93%	7%	0%	92%	8%	0%
	Others						
Quarter 3 Total		4%	20%	77%	3%	23%	75%
4	Seychelles	31%	18%	52%	38%	18%	44%
	Taiwan Province of China	89%	7%	4%	89%	7%	4%
	Others	92%	8%	0%	91%	9%	0%
Quarter 4 Total		52%	14%	34%	57%	13%	29%
Semester 1		31%	13%	56%	24%	20%	57%
Semester 2		36%	16%	48%	42%	16%	42%
Year Total		34%	14%	52%	33%	18%	49%

Country: ALL

Year: 2020

Quarter	Flag	Effort (Hooks)			Total Catch		
		SYC EEZ	Foreign EEZ	High Seas	SYC EEZ	Foreign EEZ	High Seas
1	Seychelles	23%	7%	71%	22%	11%	67%
	Taiwan Province of China	93%	0%	7%	91%	0%	8%
	Others	93%	0%	7%	93%	0%	7%
Quarter 1 Total		46%	5%	50%	43%	8%	49%
2	Seychelles	9%	10%	81%	11%	15%	74%
	Taiwan Province of China	70%	0%	30%	71%	0%	29%
	Others	0%	0%	0%	0%	0%	0%
Quarter 2 Total		27%	7%	66%	26%	11%	63%
3	Seychelles						
	Taiwan Province of China						
	Others						
Quarter 3 Total							
4	Seychelles						
	Taiwan Province of China						
	Others						
Quarter 4 Total							
Semester 1		41%	5%	54%	38%	9%	53%
Semester 2							
Year Total							

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

(Database Closed on 25/06/2021)

Area: Seychelles EEZ

Year: 2019

Access Regime	Quarter	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)	Cummulative Total (Mt)
				Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others			
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)		
National	1	1500944	0.36	227	42	161	30	46	8	26	5	58	11	27	5	545	545
	2	263106	0.74	122	63	31	16	16	8	4	2	10	5	11	6	196	740
	3	233982	0.40	47	50	27	28	5	5	2	2	3	3	11	12	94	834
	4	3439988	0.78	1,635	61	653	24	132	5	75	3	75	3	113	4	2,684	3,518
National Total		5438020	0.65	2,032	58	872	25	199	6	107	3	145	4	163	5	3,518	
TTA ¹	1	1730496	0.42	239	33	211	29	68	9	46	6	106	15	49	7	718	718
	2	374385	0.55	99	48	43	21	17	8	13	6	29	14	6	3	207	926
	3	72900	0.28	2	8	5	25	4	20	1	3	3	13	6	30	21	946
	4	5566211	0.63	1,475	42	1,221	35	164	5	134	4	272	8	222	6	3,487	4,433
TTA Agreement Total		7743992	0.57	1,815	41	1,480	33	253	6	194	4	409	9	283	6	4,433	
TFI ²	1	447651	0	67	43	34	22	6	4	7	5	23	15	17	11	154	154
	2	199800	0.47	64	68	11	11	2	2	2	2	10	11	6	6	94	249
	3	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	249
	4	189750	0.61	49	43	45	39	3	2	3	3	4	3	11	10	115	363
TFI Agreement Total		837201	0.43	180	49	90	25	11	3	12	3	38	10	34	9	363	
All Agreements ³	1	7005056	0.37	1,017	39	708	27	226	9	154	6	314	12	164	6	2,583	2,583
	2	1372371	0.57	399	51	145	19	67	9	30	4	104	13	36	5	780	3,364
	3	310082	0.37	49	43	32	28	9	8	2	2	6	5	17	15	115	3,479
	4	9422418	0.69	3,228	50	1,981	31	313	5	220	3	360	6	358	6	6,460	9,939
Grand Total		18109928	0.55	4,693	47	2,866	29	615	6	406	4	784	8	576	6	9,939	

¹Taiwan Deepsea Tuna Longline Boat Owners and Exporters Association

²Top Fortune Agreement excluding all Seychelles Flagged vessels that also operates under the TFI agreement

All Agreements³: Includes few catches reported by vessels under other private agreement

Area: Seychelles EEZ

Year: 2020

Access Regime	Quarter	Effort (Hooks)	Catch Rate (MT/1000 Hooks)	Catches												Total Catch (Mt)	Cummulative Total (Mt)	
				Yellowfin		Bigeye		Swordfish		Marlin		Shark		Others				
				(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)	(Mt)	(%)			
National	1	2115253	0.59	624	50	373	30	70	6	46	4	72	6	55	4	1,240	1,240	
	2	291188	0.94	126	46	104	38	28	10	5	2	7	2	5	2	275	1,515	
	3																	
	4																	
National Total		2406440	0.63	750	50	477	31	98	6	51	3	79	5	60	4	1,515		
TTA ¹	1	3538316	0.55	715	36	744	38	110	6	90	5	187	10	113	6	1,961	1,961	
	2	964891	0.60	80	14	296	52	98	17	25	4	40	7	35	6	575	2,536	
	3																	
	4																	
TTA Agreement Total		4503206	0.56	796	31	1,041	41	208	8	115	5	228	9	148	6	2,536		
TFI ²	1	341800	0.51	90	52	43	25	9	5	6	4	9	5	16	9	173	173	
	2	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	173	
	3																	
	4																	
TFI Agreement Total		341800	0.51	90	52	43	25	9	5	6	4	9	5	16	9	173		
All Agreements	1	6267228	0.56	1,472	42	1,203	34	192	6	147	4	281	8	192	5	3,487	3,487	
	2	1256078	0.68	206	24	400	47	125	15	30	4	47	6	41	5	850	4,337	
	3																	
	4																	
Grand Total		7523306	0.58	1,679	39	1,603	37	318	7	177	4	328	8	232	5	4,337		

¹Taiwan Deepsea Tuna Longline Boat Owners and Exporters Association

²Top Fortune Agreement excluding all Seychelles Flagged vessels that also operates under the TFI agreement

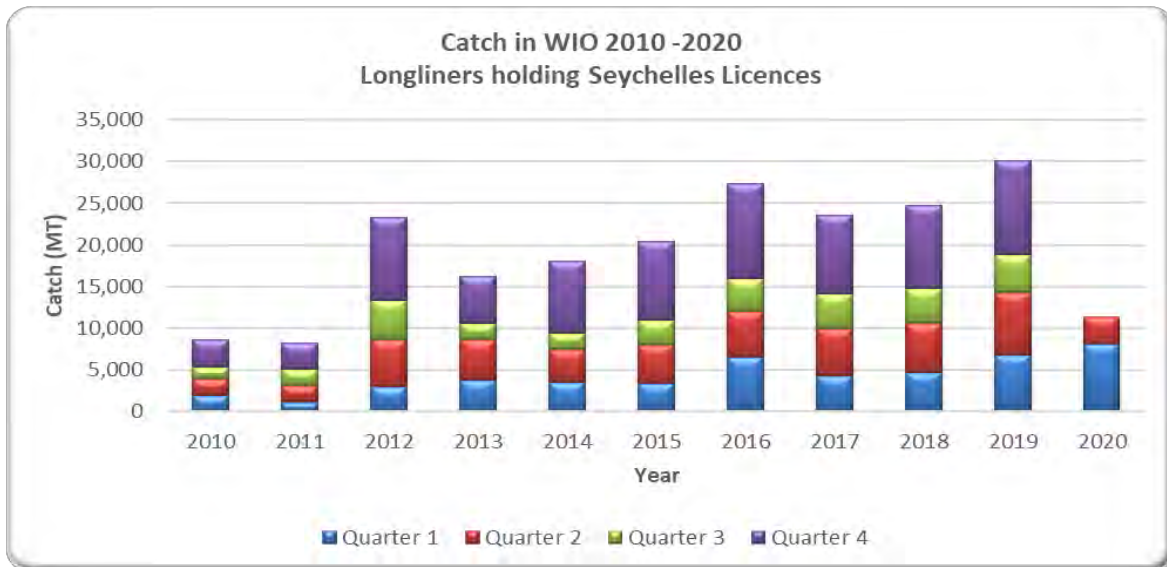


Figure 2A: Industrial Longliners Total catch in the WIO by Year, 2010 - 2020

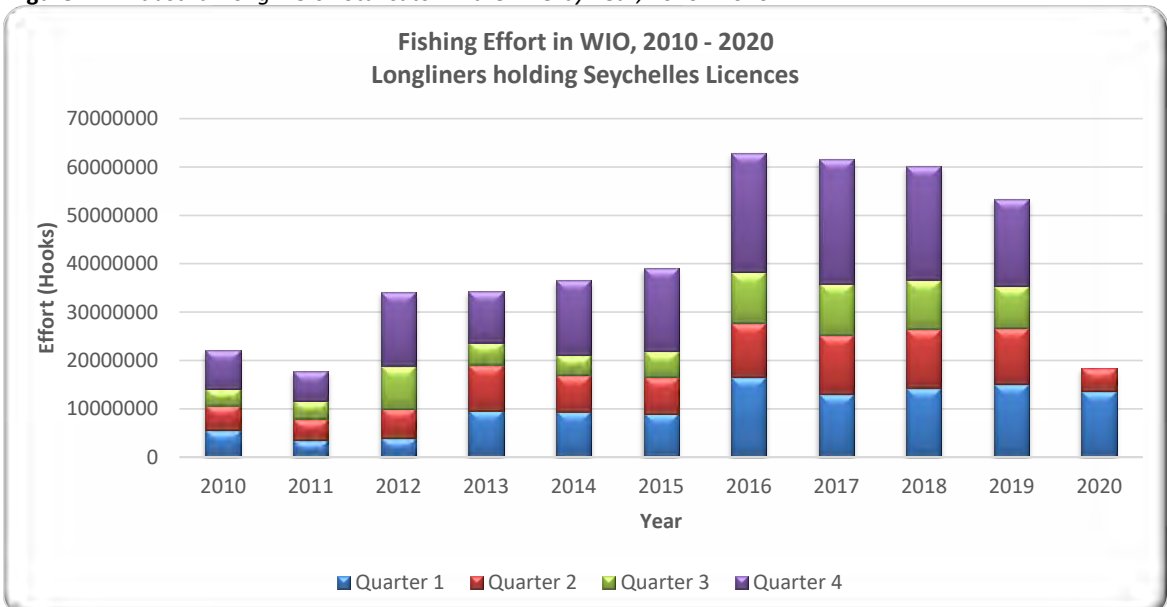


Figure 2B: Industrial longliners fishing effort in the WIO by Year, 2010 - 2020

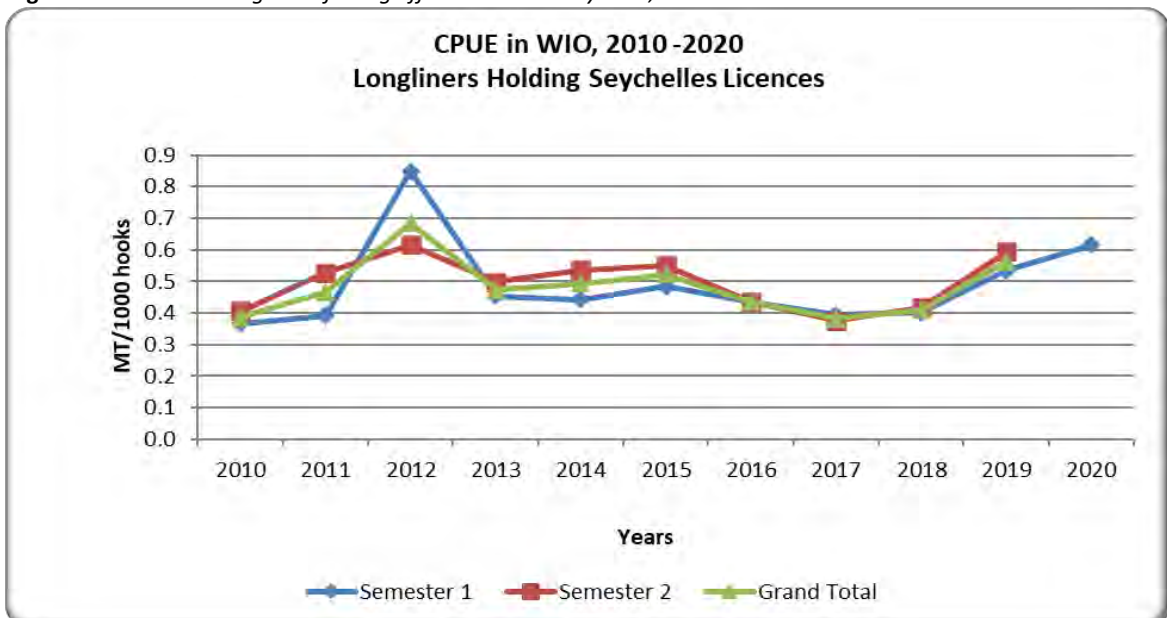


Figure 2C: Industrial Longliners CPUE in the WIO by Year, 2010 - 2020

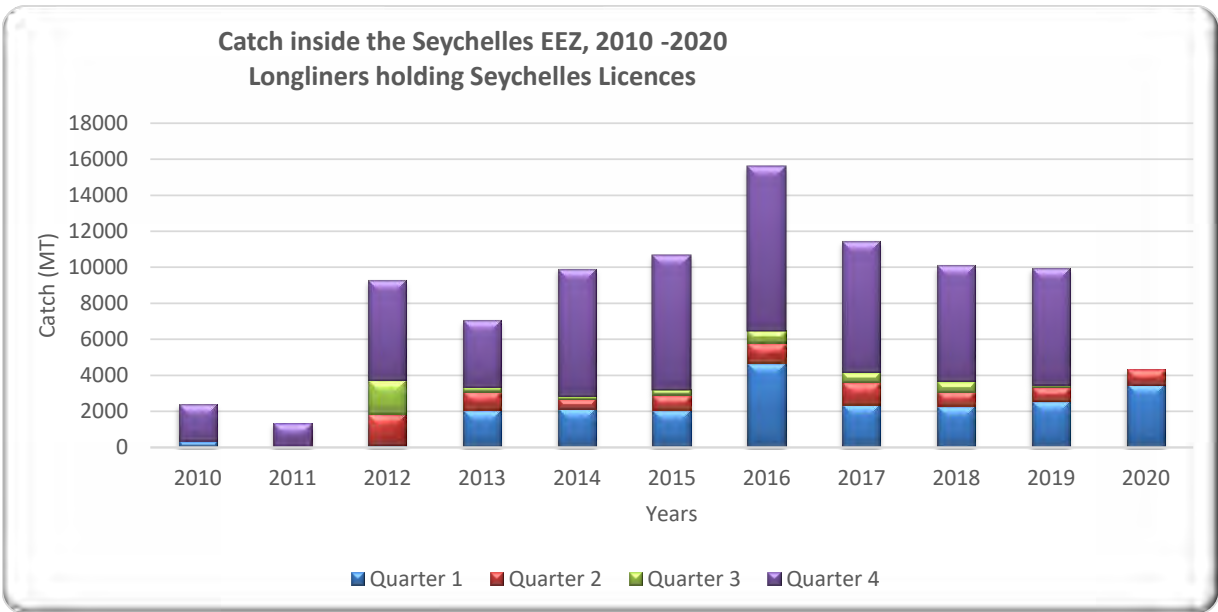


Figure 2D: Industrial longliners Total catch in the Seychelles EEZ by Year, 2010 - 2020

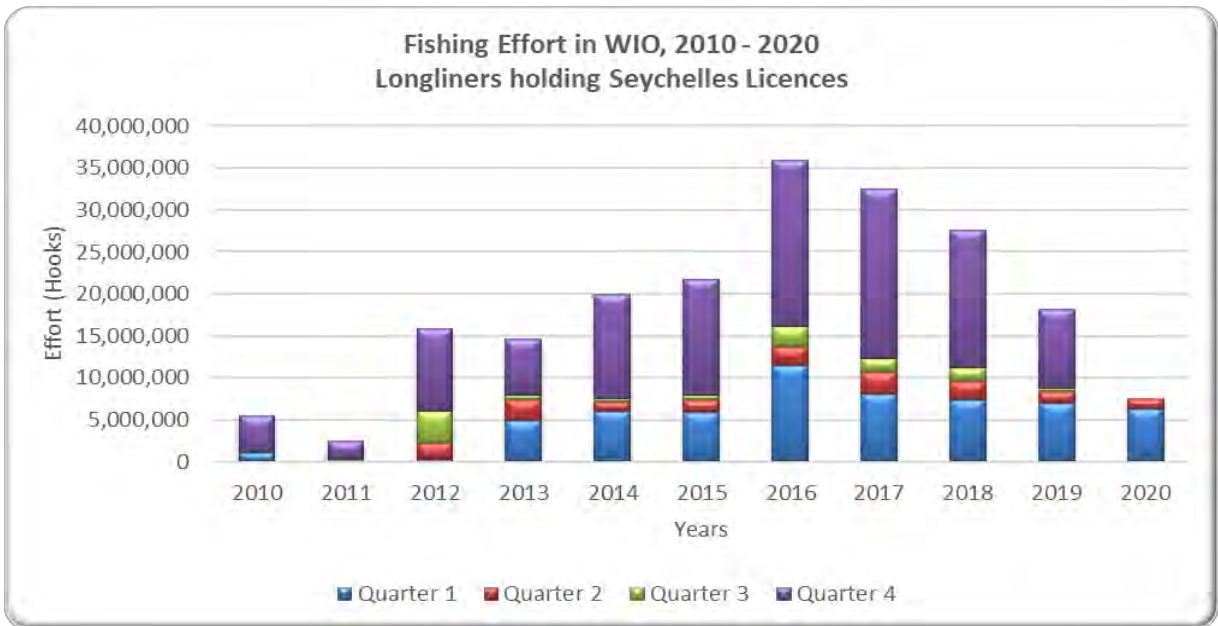


Figure 2E: Industrial Longliners fishing effort in the Seychelles EEZ by Year, 2010 - 2020

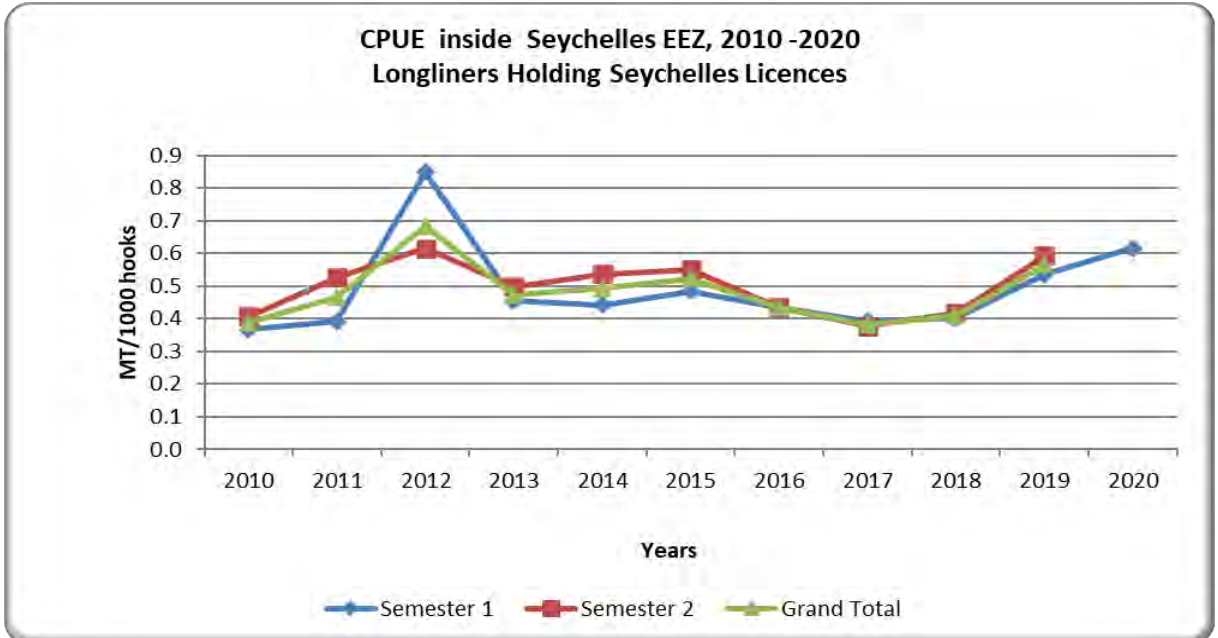


Figure 2F: Industrial Longliners CPUE in the Seychelles EEZ by Year, 2010 - 2020

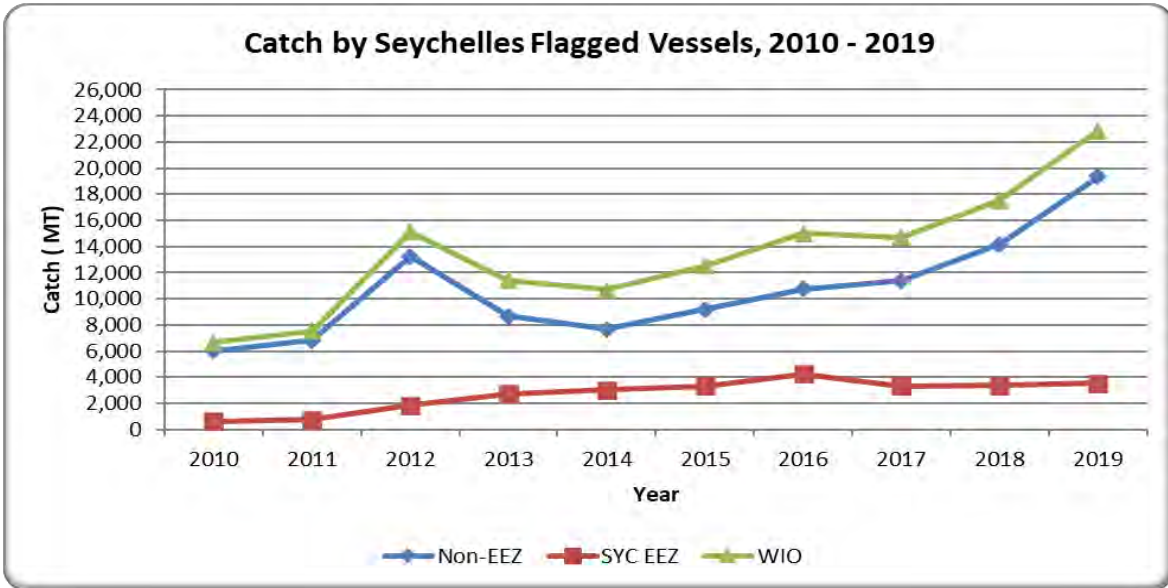


Figure 2G: Seychelles Flagged Longliners Catch, years 2010 -2019

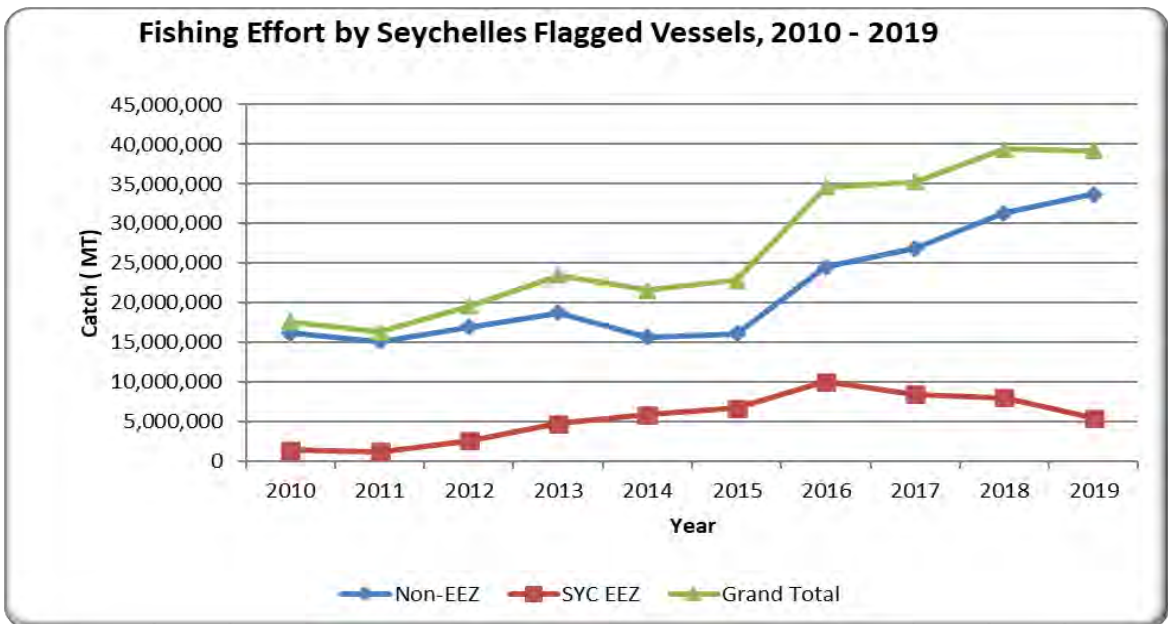


Figure 2H: Seychelles Flagged Longliners Effort, years 2010 -2019

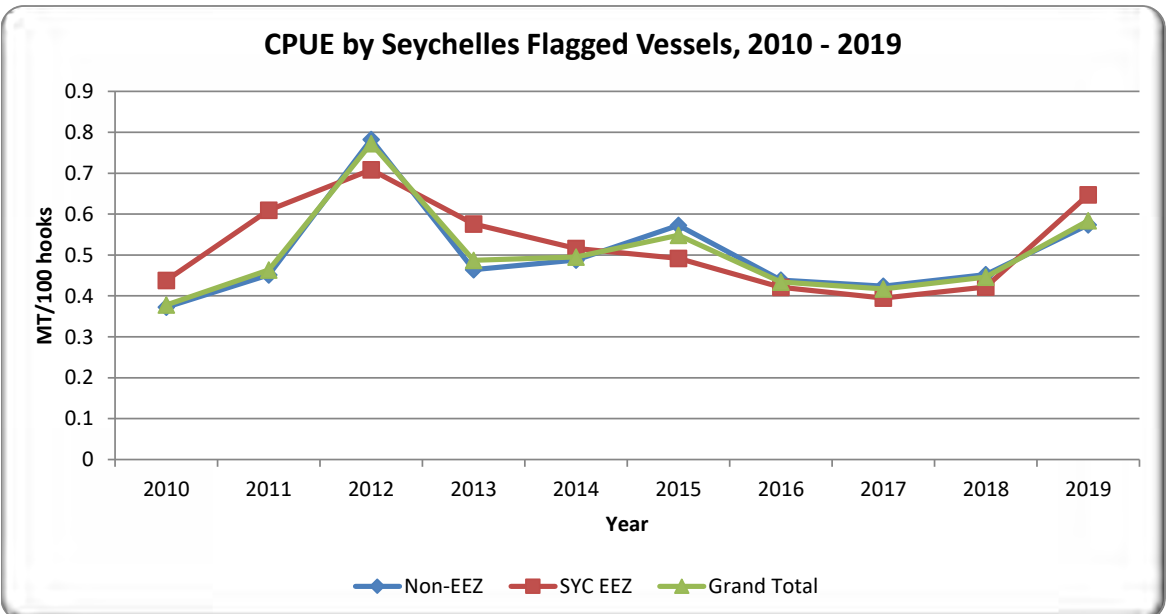
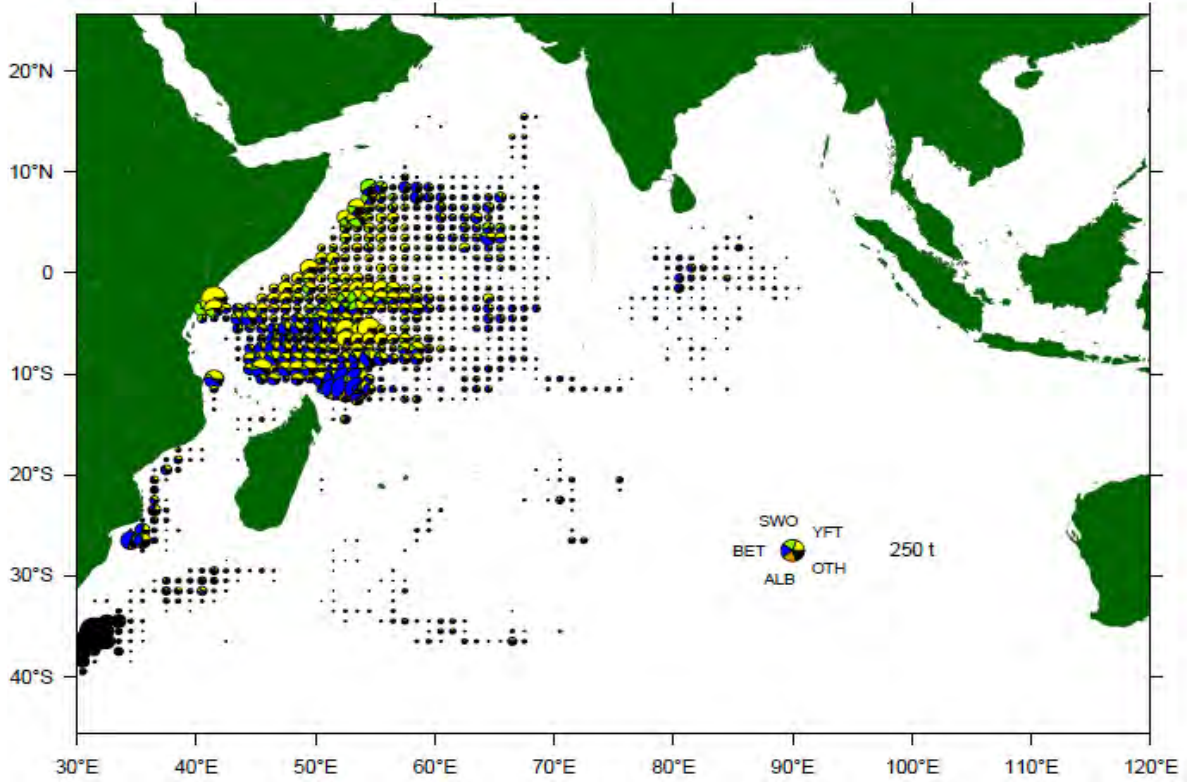


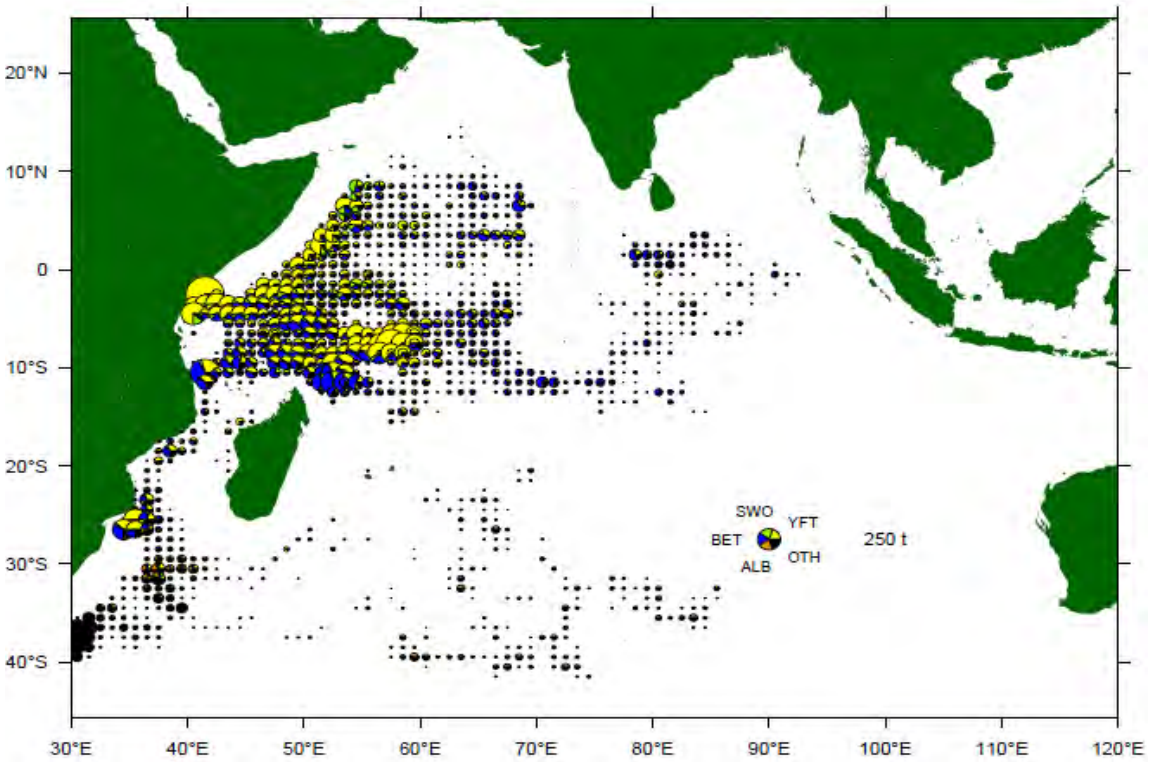
Figure 2I: Seychelles Flagged Longliners CPUE years 2010 -2019

Fishing Ground Exploited by Industrial Longliners

Map 2A. Industrial longliners fishing ground for Year 2018

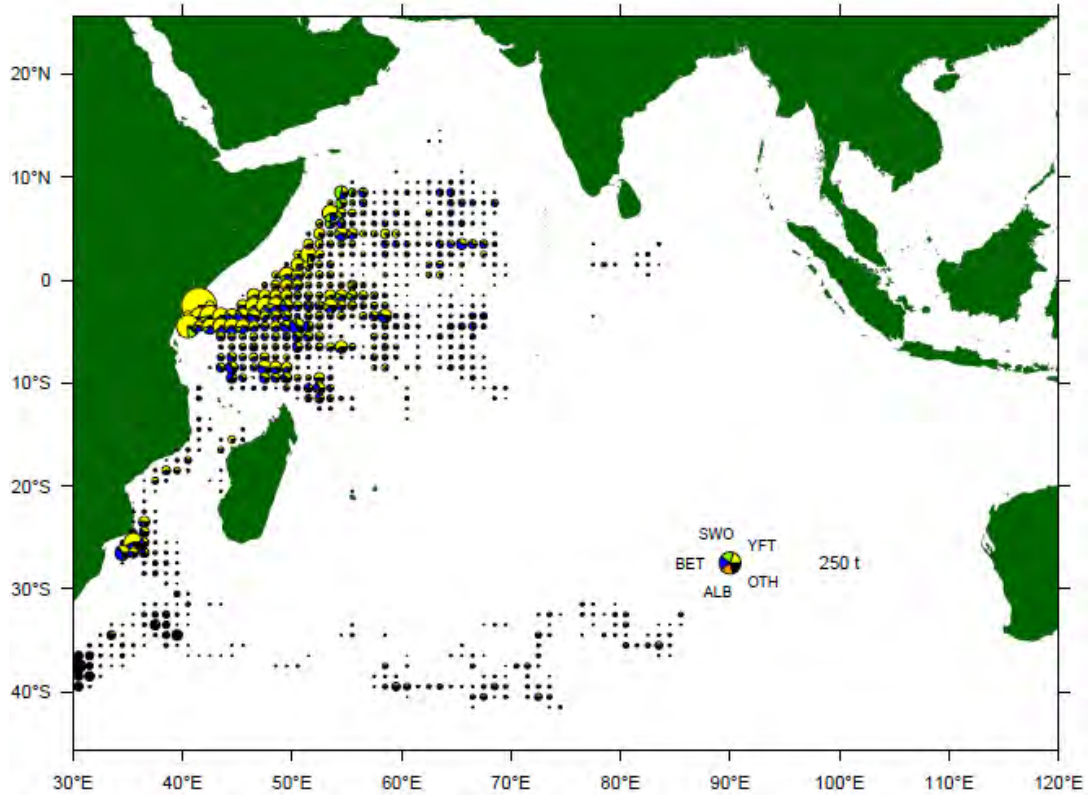


Map 2B. Industrial longliners fishing ground for Year 2019

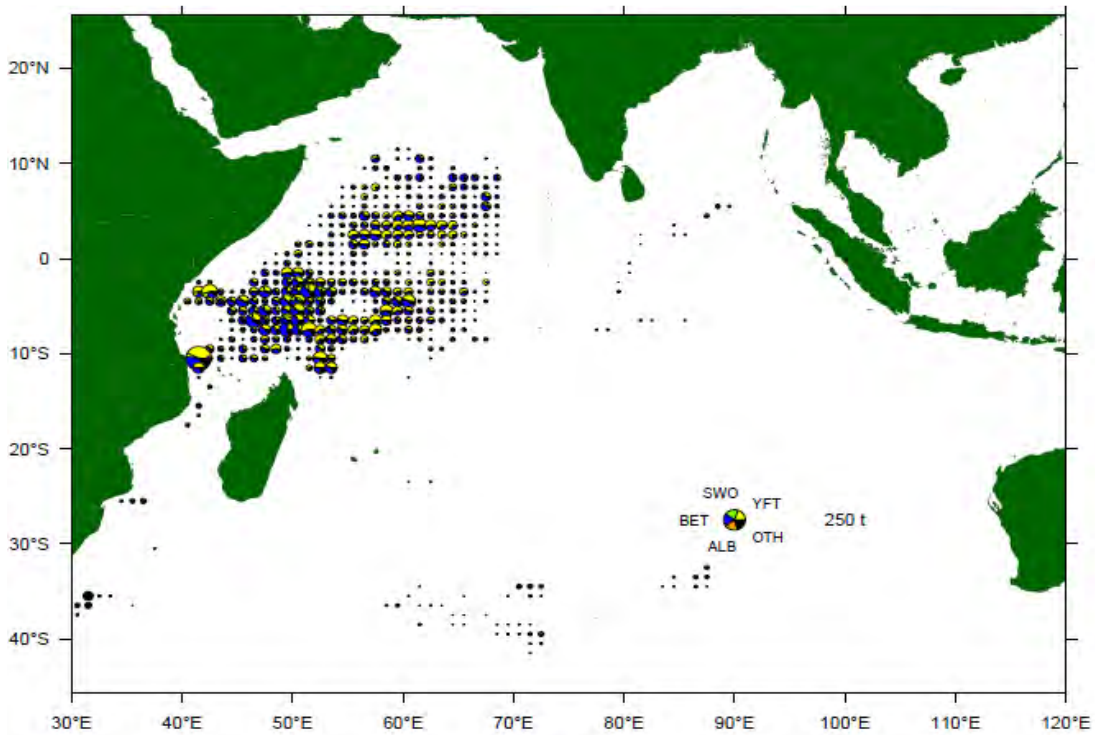


Fishing Ground Exploited by Industrial Longliners

Map 2C. Industrial longliners fishing ground for 1st Semester 2019

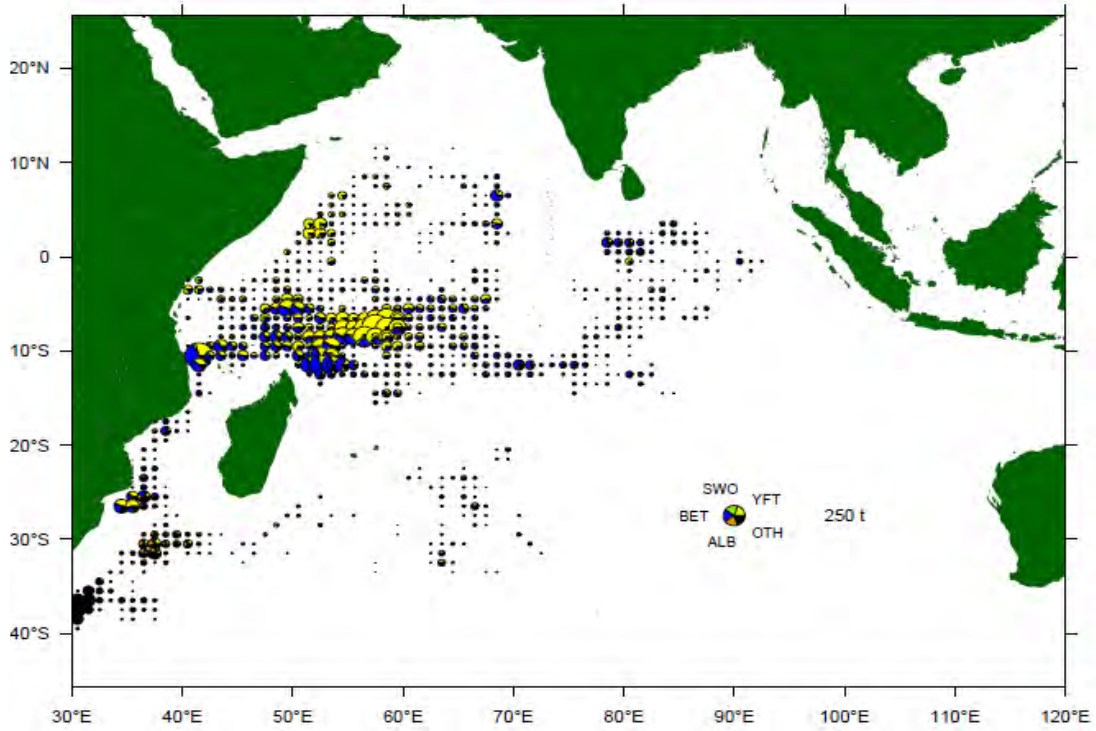


Map 2D. Industrial longliners fishing ground for 1st Semester 2020



Fishing Ground Exploited by Industrial Longliners

Map 2E. Industrial longliners fishing ground for 2nd Semester 2019



Semi - Industrial Longline Fishery



1. SUMMARY OF SEMI INDUSTRIAL FISHERY

1.1. *Vessels Active and Trip Information*

- Readers should note that Catches reported for year 2020 relates to 100% logbook returned to SFA compared to 99% of logbook returned to SFA in 2019.
- Over the last 10 years, the number of vessels active in the semi-industrial longline fishery has increased significantly from 4 vessels active in 2011 to 36 vessels active in 2019. The total fishing trips also increased significantly from 24 trips in 2014 to 397 fishing trips in 2019 although the average trip duration has remained stable ranging between 10 to 15 days per trip (table 3.0).
- During the year 2020, the number of vessels active in the semi-industrial longline fishery dropped by 1 vessel when compared to the year 2019. A total of 35 vessels were active compared to 36 vessels during the previous year.
- A total of 306 fishing trips targeting tuna and swordfish were Conducted by 35 vessels in the year 2020. This represents a decrease of 23% in number of trips over the 397 fishing trips conducted in 2019 by 36 vessels (table 3.0). The decrease in the number trips were mainly attributed to covid pandemic and the restrictions on movement imposed by the Public Health Authority during the period March – May 2020.

1.2. *Fishing Effort, Catches and Catch Rate*

- The trend in semi-industrial longline catches over the last 10 years shows that the total catch has been on a decreasing trend from 295 MT in 2010 to reach a mere 82 MT in 2014. The catch has since then been on an increasing trend reaching a total of 2008 MT in 2019, the highest catch recorded since the beginning of the fishery (figure 3A).

Similar trend was observed in fishing effort in the Semi-industrial fishery. A decrease of 43% was reported in 2010 where the fishing effort dropped from 505,534 hooks in 2010 to 118,973 hooks in 2014. Similar to the catches, the fishing effort has since then been on an increasing trend to reach 2.5 million hooks in 2019 (figure 3B).

For the period 2010 to 2014, the CPUE fluctuated in a range of 0.58 MT/1000 hooks to 0.82MT/1000 hooks, followed by an increasing trend to reach 0.95 MT/1000 hooks in 2015. The CPUE, has since then been on a downward trend to reach 0.61MT/1000 hooks in 2018. In 2019, the CPUE increased to reach 0.79 MT/1000 hooks (figure 3C).

- During the year 2020, the Semi industrial fishery reported a total catch of 1,485 MT representing a decrease of 26% in catches over the 2,008 MT reported in 2019. This corresponds to a decrease of 20% in fishing effort where a total of 2.0 million hooks

were sets compared to 2.5 million hooks sets in 2019 (table 3.0). The mean catch rate estimated for the year 2020 stands at 0.73 MT/ 1000 hooks compared to a mean catch rate of 0.79 MT/ 1000 hooks estimated for the previous year.

1.3. Species Composition

- Historically Swordfish has been the main target species of the semi-industrial longline fishery (figure 3D). However, since 2015, yellowfin tuna replaced swordfish as the dominant species caught by the semi-industrial Longline vessels. Yellowfin tuna has increased significantly from 15 MT in 2014 to a record high of 1507 MT in 2019 whilst swordfish and bigeye tuna has increased from 47Mt and 33 MT in 2015 to 313 MT and 119 MT in 2019 respectively.
- During the year 2020, yellowfin tuna accounted for 86% of the total catch followed by swordfish and bigeye tuna accounting for 9% and 4% of the total catch respectively (figure 3E). During the previous year, the semi-industrial catches was dominated by yellowfin (75%) followed by swordfish (16%) and bigeye tuna (6%) (figure 3f).
- A decrease in catches were observed across all the main target species except for the 'others' category which recorded a significant increase in 2020 compared to 2019. A total catch of 1277 MT of yellowfin tuna was reported to have been caught by the semi-industrial longliners in the year 2020, the second highest yellowfin tuna catches recorded since the beginning of the fishery. This represents 15% decrease over the 1507 MT of yellowfin tuna reported for the same period the previous year. Swordfish and bigeye tuna also decreased from 313 MT and 119 MT in the year 2019 to 135 MT and 55 MT respectively in the year 2020. Sailfish and marlin decreased by 78% and 87% from 13 MT and 55 MT to reach 3 MT and 7 MT respectively, whilst the 'other' category increased by 192%, from 2 MT to 7 MT during the period 2019 to 2020 which comprised mostly of albacore (*Thunnus alalunga*).

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

(Database Closed on 15/06/2021)

Country: SEYCHELLES

Semester 1, Years 2010 - 2020

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)	
2010	8	62	10	251,048	0.64	30	15	102	2	6	4	2	160
2011	4	29	11	166,326	0.84	25	11	90	1	4	9	0	141
2012	5	38	10	204,405	1.03	34	33	126	1	6	9	0	210
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	1,428,084	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

Country: SEYCHELLES

Semester 2, Years 2010- 2020

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)	
2010	9	45	10	254,485	0.53	28	11	84	3	6	2	1	135
2011	4	26	10	121,612	0.80	22	12	51	3	3	6	0	97
2012	7	25	10	126,061	0.49	12	5	33	2	3	5	1	61
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	1,120,753	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

Country: SEYCHELLES

Year: 2010- 2020

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)	
2010	9	107	10	505,534	0.58	58	26	186	5	12	6	2	295
2011	4	55	10	287,938	0.83	46	23	141	5	7	15	1	238
2012	7	63	10	330,466	0.82	47	38	159	3	9	14	1	271
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	29	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	2,548,837	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

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

(Database Closed on 15/06/2021)

Country: SEYCHELLES

Year: 2019

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	23	27	15	175353	0.58	71	6	17	1	5	0	0	101
Feb	26	28	16	191,479	0.57	69	12	19	1	8	0	1	109
Mar	30	43	16	267,546	0.64	121	20	22	1	9	0	0	173
Apr	29	37	14	271,195	1.01	208	27	27	1	11	0	0	274
May	33	48	13	285,666	0.98	204	12	52	5	7	0	0	281
Jun	28	34	14	236,845	0.78	78	13	89	1	4	0	0	185
Jul	24	33	14	185,245	0.57	77	7	19	2	1	0	0	106
Aug	9	9	18	63,438	0.48	23	2	5	0	0	0	0	30
Sep	19	23	15	123,411	0.85	92	5	8	0	1	0	0	106
Oct	26	31	16	238,346	0.91	195	4	16	0	2	0	0	217
Nov	32	40	13	272,393	0.77	180	4	22	1	3	0	0	210
Dec	31	44	12	237,919	0.91	190	5	17	1	4	0	0	217
Annual	26	397	15	2,548,837	0.79	1507	119	313	13	55	0	2	2008
Quarter 1	26	98	16	634,378	0.60	260	39	58	2	22	0	1	383
Quarter 2	30	119	14	793,706	0.93	490	52	168	7	22	0	1	740
Quarter 3	17	65	16	372,095	0.65	191	14	32	2	2	0	0	241
Quarter 4	30	115	14	748,658	0.86	565	14	55	2	9	0	0	644
First Semester	28	217	15	1,428,084	0.79	751	91	226	9	44	0	2	1123
Second Semester	24	180	15	1,120,753	0.79	756	28	86	4	12	0	0	886

Country: SEYCHELLES

Year: 2020

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	33	49	13	320059	0.70	197	8	15	1	2	0	0	223
Feb	30	36	13	267,405	0.70	171	5	8	0	1	0	3	188
Mar	17	18	13	130,660	0.64	67	4	9	0	0	0	4	83
Apr*	0	0	0	1,130	1.17	1	0	0	0	0	0	0	1
May	22	30	14	129,283	1.11	111	7	26	0	1	0	0	144
Jun	13	17	11	119,599	0.71	57	6	22	0	0	0	0	85
Jul	20	28	15	150,599	0.41	43	6	13	0	0	0	0	62
Aug	14	15	16	109,393	0.34	26	2	9	0	0	0	0	38
Sep	19	21	16	170,964	0.69	98	7	13	0	0	0	0	118
Oct	20	30	14	201,608	1.10	206	5	11	0	1	0	0	222
Nov	23	31	14	221,373	0.62	122	6	8	0	1	0	0	136
Dec	20	31	12	207,643	0.88	179	1	3	1	0	0	0	183
Annual	19	306	13	2,029,716	0.73	1277	55	135	3	7	0	7	1485
Quarter 1	27	103	13	718,124	0.69	435	16	32	1	4	0	7	494
Quarter 2	12	47	8	250,012	0.92	169	12	47	0	1	0	0	231
Quarter 3	18	64	16	430,956	0.51	167	15	35	0	1	0	0	218
Quarter 4	21	92	13	630,624	0.86	506	11	21	1	2	0	0	541
First Semester	19	150	11	968,136	0.75	604	29	79	1	5	0	7	725
Second Semester	19	156	14	1,061,580	0.72	673	27	56	2	2	0	0	760

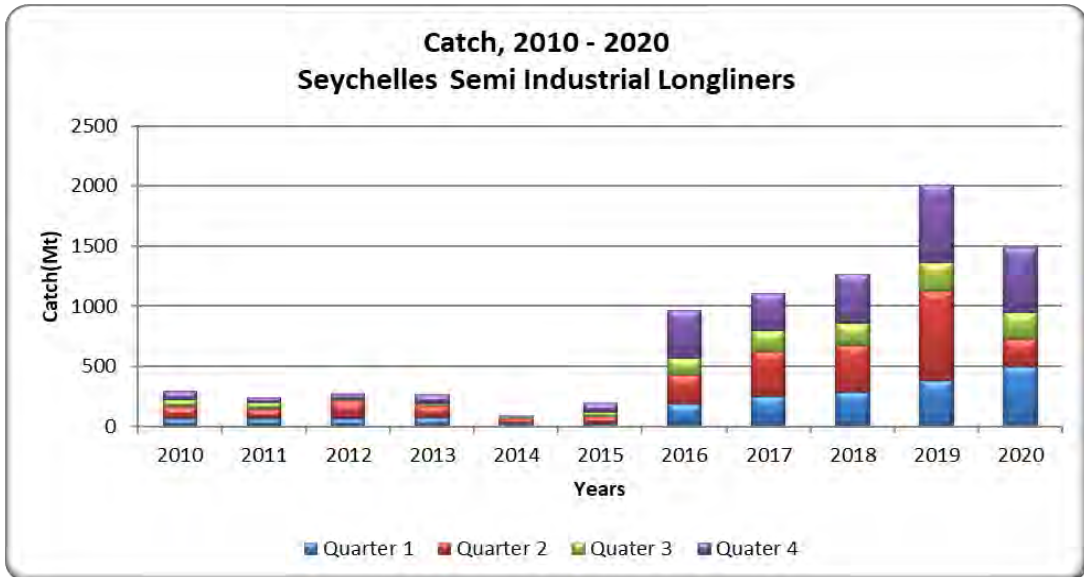


Figure 3A: Semi-Industrial Longliners Total catch by Year, 2010 - 2020

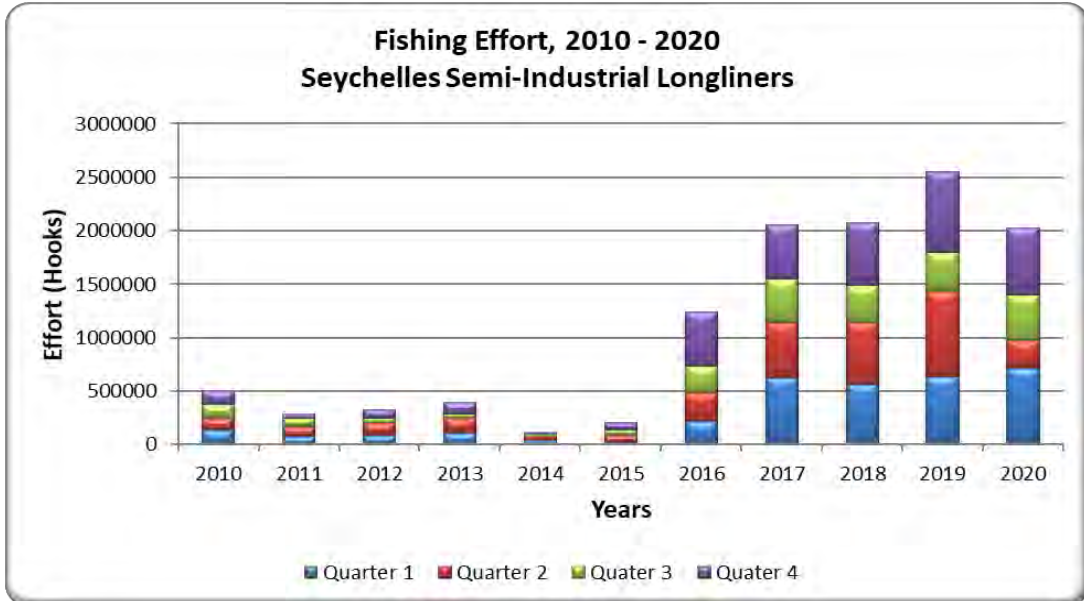


Figure 3B: Semi-Industrial longliners fishing effort by Year, 2010 - 2020

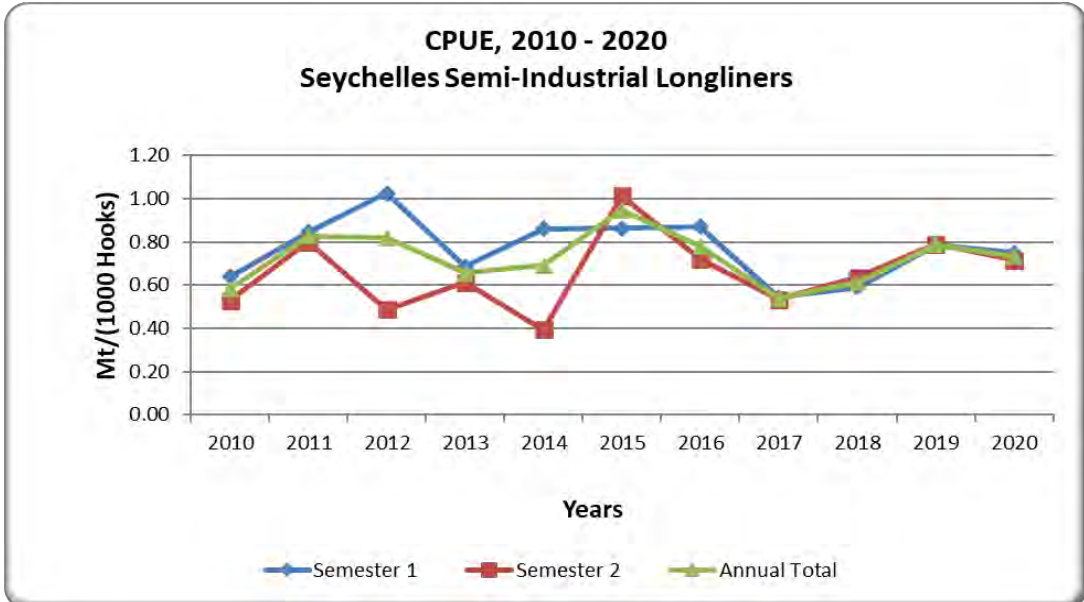


Figure 3C: Semi-Industrial Longliners CPUE by Year, 2010 - 2020

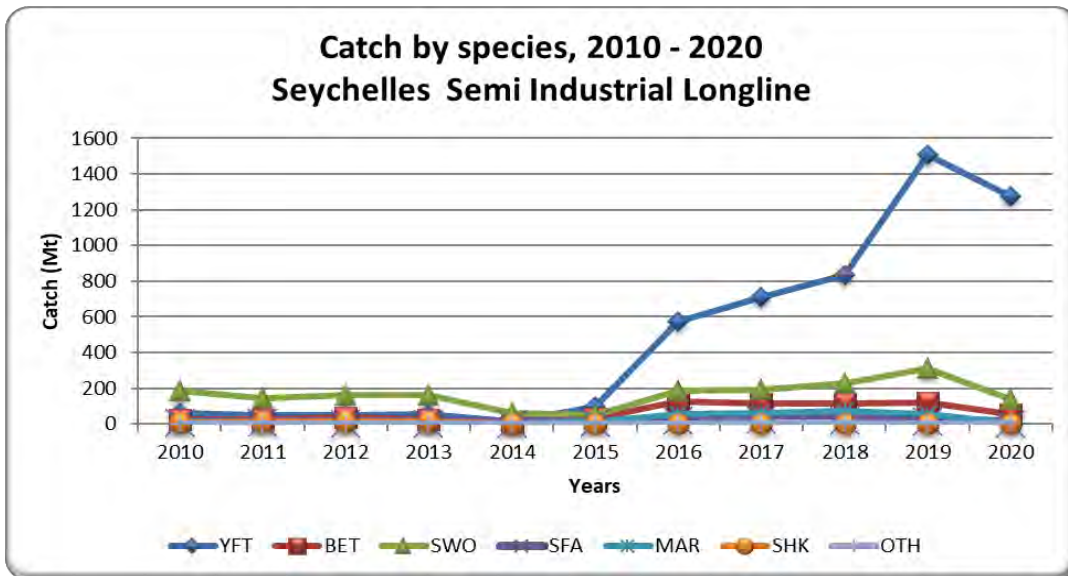


Figure 3D: Semi-Industrial Longliners catch by species by Year, 2010 - 2020

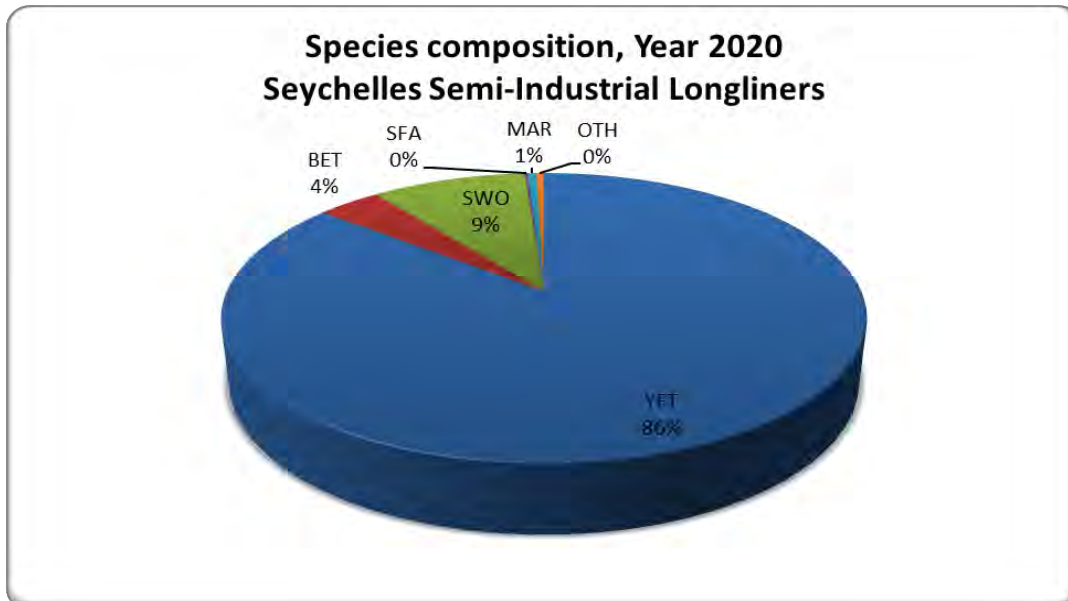


Figure 3E: Semi-Industrial longliners species composition, Year 2020

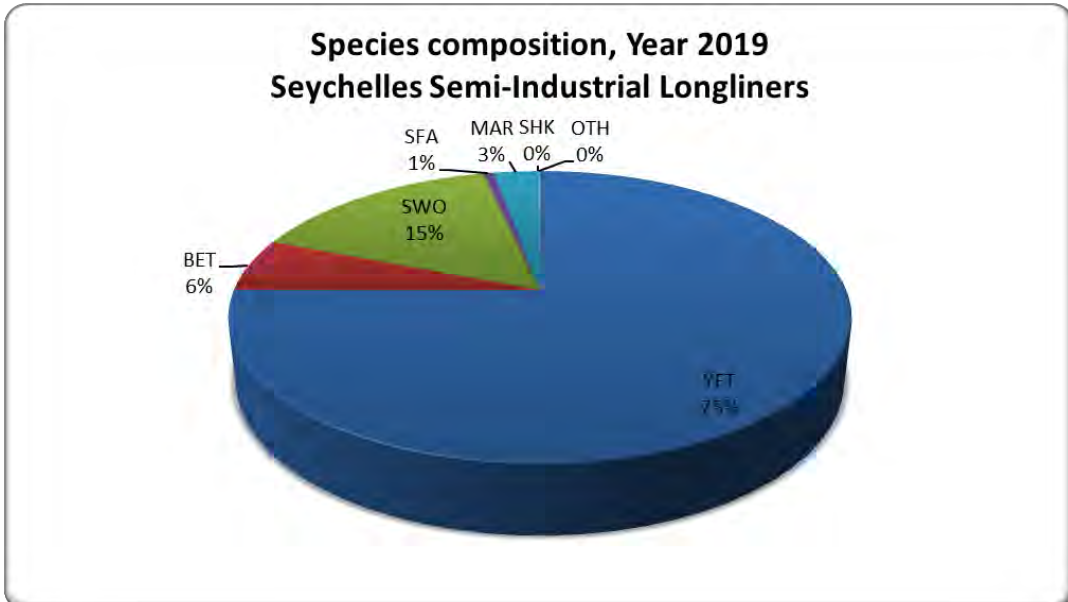


Figure 3F: Semi-Industrial longliners species composition, Year 2019

Artisanal Fishery



Pirogue



Whaler



Mini Mahe



Lekonomie



Lavenir



Schooners



1. SUMMARY OF ARTISANAL FISHERY

1.1. *Vessel Active*

- Readers should note that all figures for semester 1, year 2020 presented in this report for artisanal fishery is preliminary and may be revised in the next edition of the statistical report. Also, table 4.1A has been corrected for the years 2017 to 2019 which reflect mean number of boats operating per month and not total number of boats active in the fishery as was previously reported.
- The historical trend shows a slight decreasing trend in mean number of boats operating per month from the year 2010 to reach a dip of 428 boats active per month in 2014. The mean number of boats active increased to a record high of 476 boats active per month in 2016 and has since then been on a decreasing trend reaching only 379 boats active per month in 2019 (Table 4.1A).
- The number of boats operating in the artisanal fishery, during the first semester of year 2020 has decreased significantly to a mere 293 boats active per month when compared to a mean of 411 boats active per month during the first semester of the previous Year (Table 4.1B). This was due to the covid19 situation where restrictions on movement was imposed by the Public Health from mid-March to June 2020. The highest decreased was observed in mean number of outboard actives which dropped from an average of 287 Vessel active during the first semester of 2019 to 193 vessels active during the same period in 2020.
- In terms of vessel type, 66% of the fleets were outboard vessels, 14% were schooners and 17% were whalers during the first semester of year 2020 compared to 70% of outboard, 16% of whalers and 13% of schooners active during the same period the previous year. The number of semi-industrial longliners conducting fishing trips targeting demersal fish stood at an average of 2 vessels active per month similar to the previous year (Table 4.1B).

1.2. *Catch Statistic by Vessel Type*

- Time series of catches shows that catches have remained the same with an average of 2,658 MT per year between 2010 and 2012 (Table 4.2 and Figure 4A). This may have been due to piracy threat in the Indian Ocean. During 2013, the artisanal total catch increased considerably by 66%, returning to the pre-2009 level where a total of 4,150 MT of fish was landed. Since then, the catches have been on a decreasing trend. However, in the year 2017, the catches of the artisanal fishery increased significantly by 73% to reach a peak of 4,356 MT and has remained same for the last three years. This significant increase could be attributed to the increasing number of schooners (bigger boats) in the fleet and the significant increase in fishing effort during the last 3 years.
- During the first semester of the year 2020, the total artisanal catches decreased significantly by 30% to reach only 1761 MT corresponding to the decrease in mean

number of boats active compared to 2520 MT during the same period the previous year (figure 4A)

- Historically, Outboard accounted for the higher proportion of the artisanal catches and the same was observed during the first six months of 2020 where outboard, schooners and whalers accounted for 55%, 23% and 14% of the total artisanal catches respectively. During the first six months of 2019 outboard, schooners and whalers represented 57%, 20% and 19% of the total artisanal catches respectively. It can be observed that during the year 2019, schooners replaced whalers as the vessels accounting for the second highest proportion of the catches and same was observed during the first semester of year 2020 (Table 4.2A).

1.3. Catch Statistics by Gear Type

- Trend analysis of catches by gear type shows that handline fisheries historically dominated artisanal catches followed by encircling gillnet (Table 4.3 and Figure 4C).
- Typical of previous years, the handline fishery dominated artisanal fisheries catches, accounting for 70% of total landings during the first six months of 2020 followed by encircling gillnet (14%) and static trap (8%). Decreased in catches were observed among all fisheries except for 'other fishery' where catches by dropline increased from 20.4 MT during the first semester of year 2019 to 102.4 MT during the same period in the year 2020.

1.4. Catch Statistics by Species

- Between 2010 and 2013, artisanal catches have been dominated by carangues, bourgeois, job and maquereau doux accounting on average 27%, 13%, 11% and 11% of artisanal catch per year respectively (Table 4.4). Trend analysis shows between 2014 and 2016, catches of carangues, maquereau doux and job has fluctuated between years whilst catches of bourgeois has been on a declining trend (Figure 4D – 4I). However, in 2017 most species record increase in catches except for cordonier which has been on a decreasing trend since 2016.
- During the first semester of year 2020, decrease in catches were observed across all species group. Most significant decrease were observed in crab (-98%), Other Maquereau (-93%), Octopus (-74%), Bourgeois (-61%) and Vielle Maconde (-61%). The most dominant species, Carangues, job and Maquereau doux decreased by 11%, 10% and 30% respectively during semester 1 of year 2020 when compared to the same period in 2019.
- The most important species groups landed for the first semester of the year 2020 were carangues (32%), job (15%) and maquereau Doux (10%) . During the same period in 2019, the artisanal catches were dominated by carangues (25%), job (12%), bourgeois (12%) and maquereau doux (10%) (Figure 4K).

1.5. Fishing Effort by Vessel Type and Gear Type

- Time series of effort shows that between 2010 and 2012 the handline fishery effort has been on a decreasing trend to reach 35,285 men-days in 2016, followed by an increasing trend to reach 88,902 men-days in 2017. (Table 4.5 and Figure 4M). Fishing effort for trap fishery has been on a decreasing trend reaching 74,963 traps set in 2015 followed by an increasing trend to reach a remarkable 148,022 traps sets in 2017 (Figure 4N). For net fishery, the fishing effort has been fluctuating over the last 10 years (Figure 4O).
- During the first six months of the year 2020, the total effort for handline fishery in terms of men-days is estimated at 32,237 men-days representing a 28% decrease in effort from the estimated 44772 men-days during the same period in the year 2019. Decrease in fishing effort (men-days) by schooners, whalers and outboard were 32%, 26% and 29% respectively whilst effort by 'other' Vessels in handline fishery increased by 14%.
- The estimated effort for trap fishery decreased by 47% from 67,183 traps sets between January to June 2019 to 35770 traps set during the same period in 2020. A remarkable decrease of 60% was observed in number of traps sets by vessel group as 'others' whilst the number of traps sets by outboard decreased by 46%.
- The net fishery recorded an 42% decrease in fishing effort during the first semester of year 2020 where a total of 1198 sets were made compared a total of 2051 sets made during the first semester the previous year.

1.6. Catch Rate by Vessel Type and Gear Type

- Time series of catch rate shows that between 2010 and 2016, catch rate by artisanal boats conducting handline fishery fluctuated between 39.7 kg/men-day and 62.7 kg/men-day. In 2017, the catch rate drops to 29.9 kg/ men-day and has since then been on the increase (Table 4.6 and Figure 4S). CPUE for trap fishery has been on an increasing trend reaching 6.0 kg/trap in 2016 and has decreased over the last 3 years (Figure 4T). Catch rate for net fishery has fluctuated over the last 10 years and (Figure 4U).
- The catch rate for handline fishery increased from 37.6 kg/ men-day during the first semester of year 2019 to an estimated 38.2 kg/ men day during the same period in the year 2020. Increased in handline catch rate were observed by schooners and outboard whilst catch rate in handline fishery decreased by whaler and 'other' vessels category.
- During the first semester of year 2020, the CPUE for the trap fishery is estimated at 4.7 kg/ trap compared to 4.8 kg/ trap during the same period, the previous year with the highest catch rate recorded by outboard estimated at 4.8 kg/trap.

- The catch rate for net fishery decreases slightly from 217.0 kg/set during the first six months of year 2019 to 209.4 kg/set during the same period in the year 2020 (Table 46).

TABLE 4.1A Mean Number of boats operating by Month

(Database Closed on 30/07/21)

Years: 2010 - 2020

Vessel Type	Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020**
Fishermen on Foot	24	26	26	7	4	15	2	0	0	0	0
Pirogue	10	10	9	9	7	7	7	1	1	1	0
Outboard	284	270	283	287	298	305	356	253	274	262	193
Inboard	1	0		1	1	1	1	0	0	0	0
Whaler	97	96	96	99	95	94	94	67	65	61	51
Schooner	22	21	22	20	19	18	13	44	44	49	42
Semi Industrial Longliner*	1	1	2	2	4	5	3	1	2	1	2
Others***	0	0	0	0	0	0	0	3	3	5	5
Annual	439	424	438	425	428	445	476	369	389	379	293

* Semi-industrial longliners conducting artisanal fishing trips

** Number of boats operating per month during semester 1 only.

*** 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 30/07/21)

Country: SEYCHELLES**Year: 2019**

Month	Pirogue	Outboard	Others	Whaler	Schooner	Semi Industrial Longliner*	Total
Jan		338	5	72	54		469
Feb		266	4	64	49		383
Mar	1	278	6	68	58	2	413
Apr	1	285	4	68	54	1	413
May		305	5	65	56		431
Jun	1	251	6	56	42		356
Jul	1	265	7	59	41		373
Aug	1	224	3	49	41		318
Sep	1	231	5	51	44	1	333
Oct	1	237	5	54	48		345
Nov		249	5	63	50	2	369
Dec		210	5	57	45	1	318
Annual	1	262	5	61	49	1	377
Quarter 1	1	294	5	68	54	2	422
Quarter 2	1	280	5	63	51	1	400
Quarter 3	1	240	5	53	42	1	341
Quarter 4	1	232	5	58	48	2	344
First Semester	1	287	5	66	52	2	411
Second Semester	1	236	5	56	45	1	343

* Semi-industrial longliners conducting artisanal fishing trips

Country: SEYCHELLES**Year: 2020**

Month	Pirogue	Outboard	Others	Whaler	Schooner	Semi Industrial Longliner*	Total
Jan		281	6	54	46	2	389
Feb		233	9	63	47	3	355
Mar		204	5	48	42	2	301
Apr		124	3	38	29	1	195
May		124	4	48	40		216
Jun		192	4	54	49		299
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Annual	0	193	1	51	42	2	293
Quarter 1	0	239	7	55	45	2	348
Quarter 2	0	147	4	47	39	1	237
Quarter 3							
Quarter 4							
First Semester	0	193	5	51	42	2	293
Second Semester							

* Semi-industrial longliners conducting artisanal fishing trips

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

(Database Closed on 30/07/21)

Country: Seychelles

Semester 1, Years 2009 - 2020

Month	Catch (Mt)								Catch (%)						
	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²	Total	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²
2010	6.1	4.2	485.0	0.0	581.3	257.2	1.2	1335.0	0%	0%	36%	0%	44%	19%	0%
2011	4.4	6.7	557.0	0.0	605.9	259.2	20.1	1453.3	0%	0%	38%	0%	42%	18%	1%
2012	6.6	11.8	669.3	0.0	353.7	231.7	10.3	1283.5	1%	1%	52%	0%	28%	18%	1%
2013	5.7	16.9	575.0	0.0	965.7	223.3	24.9	1811.5	0%	1%	32%	0%	53%	12%	1%
2014	3.0	29.4	776.0	0.0	849.7	289.9	67.3	2015.4	0%	1%	39%	0%	42%	14%	3%
2015	0.7	11.6	636.4	0.0	533.3	183.6	75.0	1440.6	0%	1%	44%	0%	37%	13%	5%
2016	1.6	9.2	766.0	0.0	535.7	152.0	8.7	1473.3	0%	1%	52%	0%	36%	10%	1%
2017	0.0	10.6	1102.3	38.6	383.3	338.9	29.8	1903.6	0%	1%	58%	2%	20%	18%	2%
2018	0.0	4.7	1348.5	57.1	476.3	312.6	75.6	2274.7	0%	0%	59%	3%	21%	14%	3%
2019	0.0	8.5	1447.0	69.5	476.6	509.6	8.7	2519.9	0%	0%	57%	3%	19%	20%	0%
2020	0.0	0.0	960.0	45.7	249.7	405.2	100.8	1761.4	0%	0%	55%	3%	14%	23%	6%

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 2010 - 2019

Month	Catch (Mt)								Catch (%)						
	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²	Total	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²
2010	8.3	11.8	395.0	0.0	659.5	187.0	0.0	1261.6	1%	1%	31%	0%	52%	15%	0%
2011	5.6	8.4	392.5	0.0	880.4	126.8	3.9	1417.6	0%	1%	28%	0%	62%	9%	0%
2012	6.6	12.5	598.8	0.0	416.6	173.2	15.3	1222.9	1%	1%	49%	0%	34%	14%	1%
2013	5.1	26.8	946.7	0.0	1174.3	156.6	29.3	2338.8	0%	1%	40%	0%	50%	7%	1%
2014	2.8	27.2	684.2	0.0	609.6	230.7	62.7	1617.1	0%	2%	42%	0%	38%	14%	4%
2015	2.0	9.0	813.8	0.0	760.0	86.4	102.5	1773.6	0%	1%	46%	0%	43%	5%	6%
2016	1.3	3.7	543.4	0.0	423.0	71.2	0.0	1042.5	0%	0%	52%	0%	41%	7%	0%
2017	0.0	5.5	1552.4	47.0	492.1	306.8	48.8	2452.6	0%	0%	63%	2%	20%	13%	2%
2018	0.0	10.9	984.3	56.0	413.2	373.1	74.6	1912.0	0%	1%	51%	3%	22%	20%	4%
2019	0.0	2.5	1081.6	23.8	339.5	426.4	17.4	1891.2	0%	0%	57%	1%	18%	23%	1%

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 2010 - 2019

Month	Catch (Mt)							Total	Catch (%)						
	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²		Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²
2010	14.4	16.0	880.0	0.0	1240.8	444.2	1.2	2596.6	1%	1%	34%	0%	48%	17%	0%
2011	10.1	15.2	949.5	0.0	1486.3	386.0	23.9	2871.0	0%	1%	33%	0%	52%	13%	1%
2012	13.2	24.2	1268.2	0.0	770.3	405.0	25.6	2506.4	1%	1%	51%	0%	31%	16%	1%
2013	10.8	43.7	1521.7	0.0	2140.1	379.8	54.2	4150.4	0%	1%	37%	0%	52%	9%	1%
2014	5.8	56.6	1460.2	0.0	1459.2	520.6	130.0	3632.5	0%	2%	40%	0%	40%	14%	4%
2015	2.6	20.5	1450.3	0.0	1293.3	270.0	177.5	3214.2	0%	1%	45%	0%	40%	8%	6%
2016	2.9	12.9	1309.4	0.0	958.7	223.2	8.7	2515.8	0%	1%	52%	0%	38%	9%	0%
2017	0.0	16.1	2654.8	85.7	875.4	645.7	78.6	4356.2	0%	0%	61%	2%	20%	15%	2%
2018	0.0	15.5	2332.9	113.1	889.5	685.6	150.1	4186.7	0%	0%	56%	3%	21%	16%	4%
2019	0.0	11.0	2528.6	93.3	816.1	936.1	26.1	4411.1	0%	0%	57%	2%	19%	21%	1%

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 30/07/21)

Country: Seychelles Year: 2019

Month	Catch (Mt)								Catch (%)						
	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²	Total	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²
JAN	0.0	0.0	325.6	6.0	82.9	70.3	0.0	484.7	0%	0%	67%	1%	17%	15%	0%
FEB	0.0	0.0	205.7	5.7	91.8	85.5	0.0	388.7	0%	0%	53%	1%	24%	22%	0%
MAR	0.0	2.6	245.0	7.7	99.2	135.9	8.7	499.1	0%	1%	49%	2%	20%	27%	2%
APR	0.0	1.7	267.3	23.5	68.5	66.3	0.0	427.1	0%	0%	63%	5%	16%	16%	0%
MAY	0.0	0.0	192.1	17.3	91.7	102.7	0.0	403.8	0%	0%	48%	4%	23%	25%	0%
JUN	0.0	4.2	211.4	9.4	42.5	49.0	0.0	316.5	0%	1%	67%	3%	13%	15%	0%
JUL	0.0	0.4	204.7	5.2	73.3	75.7	0.0	359.3	0%	0%	57%	1%	20%	21%	0%
AUG	0.0	0.4	177.7	1.8	33.5	28.2	0.0	241.5	0%	0%	74%	1%	14%	12%	0%
SEP	0.0	1.0	160.8	3.5	55.3	73.5	4.8	298.8	0%	0%	54%	1%	18%	25%	2%
OCT	0.0	0.8	229.4	2.0	45.1	106.4	0.0	383.7	0%	0%	60%	1%	12%	28%	0%
NOV	0.0	0.0	174.4	4.5	68.8	95.0	12.7	355.4	0%	0%	49%	1%	19%	27%	4%
DEC	0.0	0.0	134.5	6.9	63.6	47.6	0.0	252.5	0%	0%	53%	3%	25%	19%	0%
Annual	0.0	11.0	2528.6	93.3	816.1	936.1	26.1	4411.1	0%	0%	57%	2%	19%	21%	1%
Quarter 1	0.0	2.6	776.2	19.4	273.9	291.7	8.7	1372.6	0%	0%	57%	1%	20%	21%	1%
Quarter 2	0.0	5.9	670.7	50.1	202.7	217.9	0.0	1147.3	0%	1%	58%	4%	18%	19%	0%
Quarter 3	0.0	1.7	543.2	10.5	162.1	177.4	4.8	899.7	0%	0%	60%	1%	18%	20%	1%
Quarter 4	0.0	0.8	538.3	13.3	177.5	249.0	12.7	991.6	0%	0%	54%	1%	18%	25%	1%
First Semester	0.0	8.5	1447.0	69.5	476.6	509.6	8.7	2519.9	0%	0%	57%	3%	19%	20%	0%
Second Semester	0.0	2.5	1081.6	23.8	339.5	426.5	17.4	1891.2	0%	0%	57%	1%	18%	23%	1%

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: 2020

Month	Catch (Mt)								Catch (%)						
	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²	Total	Fishermen on Foot	Pirogue	Outboard	Others	Whaler	Schooner ¹	Semi Industrial Longliner ²
JAN	0.0	0.0	270.6	12.1	77.6	134.9	37.0	532.2	0%	0%	51%	2%	15%	25%	7%
FEB	0.0	0.0	253.0	10.2	77.5	103.2	1.0	444.9	0%	0%	57%	2%	17%	23%	0%
MAR	0.0	0.0	200.8	13.3	37.1	79.2	54.5	385.0	0%	0%	52%	3%	10%	21%	14%
APR	0.0	0.0	76.8	1.8	15.7	8.7	8.3	111.3	0%	0%	69%	2%	14%	8%	7%
MAY	0.0	0.0	56.3	2.6	15.7	34.5	0.0	109.1	0%	0%	52%	2%	14%	32%	0%
JUN	0.0	0.0	102.5	5.7	26.1	44.7	0.0	179.0	0%	0%	57%	3%	15%	25%	0%
JUL															
AUG															
SEP															
OCT															
NOV															
DEC															
Annual	0.0	0.0	960.0	45.7	249.7	405.2	100.8	1761.4	0%	0%	55%	3%	14%	23%	6%
Quarter 1	0.0	0.0	724.4	35.6	192.2	317.3	92.5	1362.0	0%	0%	53%	3%	14%	23%	7%
Quarter 2	0.0	0.0	235.6	10.1	57.5	87.9	8.3	399.4	0%	0%	59%	3%	14%	22%	2%
Quarter 3															
Quarter 4															
First Semester	0.0	0.0	960.0	45.7	249.7	405.2	100.8	1761.4	0%	0%	55%	3%	14%	23%	6%
Second Semester															

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 30/07/21)

Country: Seychelles

Semester 1, Years 2010 - 2020

Month	Catch (Mt)									Catch (Mt)							
	Harpoon	Encircling Gillnets	Beach Seine	Active Traps	Static Traps	Handlines	Handline& Traps	Others*	Total	Harpoon	Encircling Gillnets	Beach Seine	Active Traps	Static Traps	Handlines	Handline& Traps	Others*
2010	5.3	161.4	0.0	25.4	114.5	950.2	76.9	1.2	1335.0	0%	12%	0%	2%	9%	71%	6%	0%
2011	3.1	184.1	0.0	74.4	130.8	945.1	89.5	26.3	1453.3	0%	13%	0%	5%	9%	65%	6%	2%
2012	4.5	361.6	1.1	57.7	115.8	650.3	57.3	35.2	1283.5	0%	28%	0%	4%	9%	51%	4%	3%
2013	4.4	209.8	0.0	34.5	106.4	1355.4	63.8	37.2	1811.5	0%	12%	0%	2%	6%	75%	4%	2%
2014	2.0	429.1	0.0	41.7	112.5	1179.4	67.9	182.8	2015.4	0%	21%	0%	2%	6%	59%	3%	9%
2015	0.5	224.4	0.0	26.8	127.3	920.0	47.9	93.8	1440.6	0%	16%	0%	2%	9%	64%	3%	7%
2016	1.6	265.1	0.0	51.9	143.4	891.3	62.2	57.7	1473.3	0%	18%	0%	4%	10%	60%	4%	4%
2017	16.3	314.4	0.0	79.2	193.0	1282.5	0.0	18.3	1903.6	1%	17%	0%	4%	10%	67%	0%	1%
2018	26.3	429.4	0.0	64.6	169.5	1535.5	0.0	49.4	2274.7	1%	19%	0%	3%	7%	68%	0%	2%
2019	18.7	445.1	0.0	98.1	221.2	1683.5	0.0	53.3	2519.9	1%	18%	0%	4%	9%	67%	0%	2%
2020	4.9	250.9	0.0	35.0	134.8	1232.4	0.0	103.5	1761.4	0%	14%	0%	2%	8%	70%	0%	6%

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

Country: Seychelles

Semester 2, Years 2010- 2019

Month	Catch (Mt)									Catch (Mt)							
	Harpoon	Encircling Gillnets	Beach Seine	Active Traps	Static Traps	Handlines	Handline& Traps	Others*	Total	Harpoon	Encircling Gillnets	Beach Seine	Active Traps	Static Traps	Handlines	Handline& Traps	Others*
2010	3.5	103.8	0.0	57.3	110.7	922.0	64.3	0.0	1261.6	0%	8%	0%	5%	9%	73%	5%	0%
2011	4.9	85.5	0.0	31.8	126.7	1090.2	65.9	12.6	1417.6	0%	6%	0%	2%	9%	77%	5%	1%
2012	3.7	330.3	0.0	34.9	109.9	670.6	52.7	20.9	1222.9	0%	27%	0%	3%	9%	55%	4%	2%
2013	3.9	532.0	0.0	44.8	182.4	1466.5	65.8	43.4	2338.8	0%	23%	0%	2%	8%	63%	3%	2%
2014	1.0	328.6	0.0	44.5	148.7	864.9	67.0	162.4	1617.1	0%	20%	0%	3%	9%	53%	4%	10%
2015	1.1	470.5	0.0	20.0	132.8	1000.9	40.7	107.6	1773.6	0%	27%	0%	1%	7%	56%	2%	6%
2016	0.7	193.3	0.0	40.2	148.5	610.9	48.1	0.9	1042.5	0%	19%	0%	4%	14%	59%	5%	0%
2017	2.1	698.2	0.0	85.6	199.7	1452.0	0.0	15.0	2452.6	0%	28%	0%	3%	8%	59%	0%	1%
2018	4.7	274.1	0.0	80.4	189.1	1281.3	0.0	82.4	1912.0	0%	14%	0%	4%	10%	67%	0%	4%
2019	9.1	363.7	0.0	63.8	179.3	1263.4	0.0	11.9	1891.2	0%	19%	0%	3%	9%	67%	0%	1%

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

Country: Seychelles

Years : 2010- 2019

Month	Catch (Mt)									Catch (Mt)							
	Harpoon	Encircling Gillnets	Beach Seine	Active Traps	Static Traps	Handlines	Handline& Traps	Others*	Total	Harpoon	Encircling Gillnets	Beach Seine	Active Traps	Static Traps	Handlines	Handline& Traps	Others*
2010	8.8	265.2	0.0	82.7	225.2	1872.2	141.2	1.2	2596.6	0%	10%	0%	3%	9%	72%	5%	0%
2011	7.9	269.7	0.0	106.2	257.5	2035.4	155.3	38.9	2871.0	0%	9%	0%	4%	9%	71%	5%	1%
2012	8.2	691.8	1.1	92.6	225.7	1320.9	109.9	56.0	2506.4	0%	28%	0%	4%	9%	53%	4%	2%
2013	8.3	741.7	0.0	79.3	288.8	2821.9	129.6	80.6	4150.4	0%	18%	0%	2%	7%	68%	3%	2%
2014	3.0	757.7	0.0	86.2	261.2	2044.3	134.9	345.2	3632.5	0%	21%	0%	2%	7%	56%	4%	10%
2015	1.6	694.9	0.0	46.7	260.1	1920.9	88.6	201.3	3214.2	0%	22%	0%	1%	8%	60%	3%	6%
2016	2.3	458.4	0.0	92.1	291.9	1502.2	110.3	58.6	2515.8	0%	18%	0%	4%	12%	60%	4%	2%
2017	18.3	1012.6	0.0	164.8	392.7	2734.5	0.0	33.3	4356.2	0%	23%	0%	4%	9%	63%	0%	1%
2018	31.0	703.5	0.0	145.0	358.6	2816.8	0.0	131.8	4186.7	1%	17%	0%	3%	9%	67%	0%	3%
2019	27.8	808.9	0.0	161.9	400.5	2946.9	0.0	65.2	4411.1	1%	18%	0%	4%	9%	67%	0%	1%

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

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

(Database Closed on 30/07/21)

Country: Seychelles Year: 2019

Month	Catch (Mt)							Catch (%)					
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Others*
JAN	4.1	86.9	60.8	25.9	299.2	7.9	484.7	1%	18%	13%	5%	62%	2%
FEB	0.9	87.2	9.3	33.5	253.8	3.9	388.7	0%	22%	2%	9%	65%	1%
MAR	4.3	66.0	3.2	45.0	347.3	33.3	499.1	1%	13%	1%	9%	70%	7%
APR	2.6	49.2	7.7	44.9	318.7	4.0	427.1	1%	12%	2%	11%	75%	1%
MAY	4.1	67.5	6.9	33.4	287.6	4.3	403.7	1%	17%	2%	8%	71%	1%
JUN	2.7	88.3	10.1	38.5	176.8	0.0	316.5	1%	28%	3%	12%	56%	0%
JUL	0.4	79.0	17.2	16.2	246.5	0.0	359.4	0%	22%	5%	5%	69%	0%
AUG	0.5	69.5	8.1	14.7	148.8	0.0	241.5	0%	29%	3%	6%	62%	0%
SEP	3.4	38.9	7.7	32.6	211.4	4.8	298.8	1%	13%	3%	11%	71%	2%
OCT	1.2	94.9	3.8	56.1	227.5	0.2	383.7	0%	25%	1%	15%	59%	0%
NOV	2.3	37.1	5.4	42.4	262.6	5.6	355.4	1%	10%	2%	12%	74%	2%
DEC	1.3	44.4	21.5	17.4	166.5	1.3	252.5	1%	18%	9%	7%	66%	1%
Annual	27.8	808.9	161.9	400.5	2946.9	65.2	4411.1	1%	18%	4%	9%	67%	1%
Quarter 1	9.3	240.2	73.4	104.4	900.3	45.0	1372.6	1%	17%	5%	8%	66%	3%
Quarter 2	9.4	205.0	24.7	116.8	783.1	8.3	1147.3	1%	18%	2%	10%	68%	1%
Quarter 3	4.3	187.3	33.1	63.5	606.8	4.8	899.7	0%	21%	4%	7%	67%	1%
Quarter 4	4.8	176.4	30.8	115.8	656.6	7.2	991.5	0%	18%	3%	12%	66%	1%
First Semester	18.7	445.2	98.1	221.2	1683.5	53.3	2519.9	1%	18%	4%	9%	67%	2%
Second Semester	9.1	363.7	63.8	179.3	1263.4	11.9	1891.2	0%	19%	3%	9%	67%	1%

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

Country: Seychelles Year: 2020

Month	Catch (Mt)							Catch (%)					
	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Others*	Total	Harpoon	Encircling Gillnets	Active Traps	Static Traps	Handlines	Others*
JAN	1.1	83.1	23.3	30.8	356.4	37.5	532.2	0%	16%	4%	6%	67%	7%
FEB	1.0	81.5	4.0	23.5	332.8	2.1	444.9	0%	18%	1%	5%	75%	0%
MAR	0.9	41.0	4.5	32.2	251.7	54.6	385.0	0%	11%	1%	8%	65%	14%
APR	0.8	22.4	0.6	5.4	73.9	8.3	111.3	1%	20%	1%	5%	66%	7%
MAY	0.8	4.7	0.3	15.7	86.9	0.8	109.1	1%	4%	0%	14%	80%	1%
JUN	0.4	18.2	2.2	27.2	130.7	0.2	179.0	0%	10%	1%	15%	73%	0%
JUL													
AUG													
SEP													
OCT													
NOV													
DEC													
Annual	4.9	250.9	35.0	134.8	1232.4	103.5	1761.4	0%	14%	2%	8%	70%	6%
Quarter 1	2.9	205.6	31.9	86.5	940.9	94.2	1362.0	0%	15%	2%	6%	69%	7%
Quarter 2	2.0	45.2	3.1	48.3	291.5	9.3	399.4	0%	11%	1%	12%	73%	2%
Quarter 3													
Quarter 4													
First Semester	4.9	250.9	35.0	134.8	1232.4	103.5	1761.4	0%	14%	2%	8%	70%	6%
Second Semester													

*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 30/07/21)

Country: Seychelles**Semester 1, Years 2010 - 2020**

Species	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
CARANGUES	386.8	237.4	253.1	593.3	443.7	371.5	452.9	474.5	762.8	627.5	557.3
MAQUEREAU DOUX	104.6	178.7	234.5	154.8	189.6	152.5	145.8	148.2	231.7	244.9	171.3
OTHER MAQUEREAU	17.9	1.8	121.7	44.8	125.5	68.4	57.4	104.6	43.8	53.7	3.7
BONITE	20.5	30.6	33.8	69.1	42.4	71.5	47.0	91.5	84.1	85.6	82.5
OTHER PELAGICS	22.6	5.2	8.2	30.7	17.4	41.7	7.7	40.3	28.3	50.4	49.0
BECUNE	32.8	29.9	19.6	50.3	81.6	74.3	63.5	85.6	112.0	96.4	65.8
CORDONIER	103.8	147.4	102.7	76.4	97.1	96.4	155.3	118.0	123.0	161.4	67.7
OTHER TRAP FISH	63.8	69.1	73.5	74.1	73.7	59.9	43.1	98.6	74.6	125.7	70.4
RED SNAPPER	51.1	35.0	36.0	58.9	100.5	24.1	26.3	66.7	77.2	107.8	76.1
BOURGEOIS	178.1	327.7	105.7	211.0	168.0	95.6	149.8	151.2	182.4	298.7	115.0
JOB	202.5	167.4	116.2	231.6	241.0	176.2	137.5	194.4	240.0	296.4	268.1
MACONDE	15.5	40.0	22.4	15.3	33.8	27.4	26.2	36.3	42.3	63.8	24.9
OTHER VIELLE	26.4	31.4	24.6	28.9	90.4	38.8	20.1	52.2	77.6	85.8	73.0
CAPITAINE	54.7	97.8	63.3	98.0	98.4	65.6	52.5	159.7	117.3	139.4	111.0
SHARKS & RAYS	4.2	12.5	12.0	15.1	26.9	16.7	12.4	18.9	25.7	13.3	9.2
OCTOPUS	6.0	4.1	8.6	11.9	15.7	6.9	6.1	22.2	26.4	20.5	5.4
OTHERS	37.3	35.6	45.4	47.4	138.7	38.0	57.2	27.8	9.3	15.6	10.7
CRAB	6.3	2.1	2.2	0.1	31.0	15.2	12.4	12.9	16.0	32.9	0.5
Annual	1335.0	1453.3	1283.5	1811.5	2015.4	1440.6	1473.3	1903.6	2274.7	2519.9	1761.4

Country: Seychelles**Semester 2, Years 2010 - 2019**

Species	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
CARANGUES	288.4	591.1	294.9	760.7	383.4	459.3	280.1	882.6	485.8	415.6
MAQUEREAU DOUX	69.8	40.3	234.5	365.9	201.1	377.9	74.6	161.2	130.0	242.2
OTHER MAQUEREAU	11.2	35.7	72.7	96.8	110.4	70.6	72.1	88.2	34.4	30.3
BONITE	27.5	54.8	36.6	145.6	29.7	32.1	28.7	125.2	40.5	29.1
OTHER PELAGICS	13.5	11.0	8.7	42.6	13.9	74.5	10.6	78.8	90.8	68.0
BECUNE	20.7	11.6	25.2	55.0	33.0	55.9	60.7	73.5	84.8	71.9
CORDONIER	150.8	100.2	78.8	121.2	140.6	119.6	145.9	136.6	102.2	108.9
OTHER TRAP FISH	44.1	63.3	68.0	98.9	68.5	36.1	42.2	103.2	128.3	125.1
RED SNAPPER	25.5	31.3	22.1	45.7	59.0	67.1	26.6	78.6	102.2	69.5
BOURGEOIS	306.7	109.1	104.6	136.5	89.2	120.0	50.6	137.9	115.0	176.3
JOB	151.4	235.3	83.2	188.4	187.8	184.2	100.2	237.7	218.2	232.0
MACONDE	15.1	11.1	11.7	21.8	27.6	9.5	19.8	33.7	52.4	53.5
OTHER VIELLE	20.9	18.2	21.3	32.1	88.9	49.8	14.5	45.3	57.3	85.7
CAPITAINE	42.4	54.6	79.9	118.5	80.7	53.7	64.9	150.1	158.7	135.3
SHARKS & RAYS	16.4	14.4	21.9	21.2	21.8	9.9	18.6	14.8	15.9	13.4
OCTOPUS	3.8	7.7	4.2	12.8	7.8	8.2	4.7	11.9	5.2	9.6
OTHERS	44.7	23.4	49.0	65.4	46.8	35.6	5.6	78.9	16.2	21.4
CRAB	8.7	4.5	5.7	9.9	27.0	9.6	21.9	14.5	74.2	3.7
Annual	1261.6	1417.6	1222.9	2338.8	1617.1	1773.6	1042.5	2452.6	1912.0	1891.2

Species	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
CARANGUES	675.2	828.5	548.0	1354.0	827.1	830.8	733.0	1357.0	1248.6	1043.1
MAQUEREAU DOUX	174.3	219.0	469.0	520.7	390.7	530.4	220.4	309.4	361.6	487.1
OTHER MAQUEREAU	29.1	37.5	194.4	141.6	236.0	139.0	129.5	192.8	78.2	84.0
BONITE	48.0	85.3	70.4	214.7	72.1	103.6	75.7	216.7	124.6	114.7
OTHER PELAGICS	36.1	16.2	16.8	73.2	31.3	116.2	18.3	119.1	119.1	118.4
BECUNE	53.4	41.5	44.8	105.3	114.6	130.2	124.2	159.1	196.8	168.3
CORDONIER	254.6	247.5	181.4	197.6	237.7	215.9	301.3	254.6	225.3	270.3
OTHER TRAP FISH	108.0	132.3	141.5	173.0	142.3	96.0	85.3	201.8	202.9	250.8
RED SNAPPER	76.6	66.3	58.1	104.6	159.5	91.2	53.0	145.3	179.4	177.3
BOURGEOIS	484.8	436.9	210.2	347.6	257.2	215.7	200.4	289.1	297.5	474.9
JOB	353.9	402.7	199.4	420.0	428.8	360.4	237.7	432.1	458.2	528.4
MACONDE	30.6	51.1	34.2	37.0	61.4	36.9	46.0	70.1	94.7	117.3
OTHER VIELLE	47.3	49.6	45.8	60.9	179.4	88.6	34.7	97.5	134.9	171.5
CAPITAINE	97.1	152.4	143.2	216.5	179.1	119.3	117.4	309.8	276.0	274.8
SHARKS & RAYS	20.7	26.9	34.0	36.3	48.7	26.6	31.0	33.7	41.7	26.7
OCTOPUS	9.8	11.7	12.8	24.6	23.4	15.1	10.8	34.0	31.6	30.1
OTHERS	82.0	59.0	94.4	112.7	185.5	73.6	62.8	106.7	25.5	37.0
CRAB	15.0	6.6	8.0	9.9	58.0	24.8	34.3	27.4	90.2	36.6
Annual	2596.6	2871.0	2506.4	4150.4	3632.5	3214.2	2515.8	4356.2	4186.7	4411.1

TABLE 4.4A Monthly Catch Statistics for Artisanal Fishery by Species

(Database Closed on 30/07/21)

Country: Seychelles
Year: 2019

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
CARANGUES	109.4	69.7	109.9	102.4	135.6	100.5	92.4	23.5	73.2	93.6	58.6	74.4	1043.1	24%	289.0	338.5	189.0	226.6	627.5	415.6
MAQUEREAU DOUX	10.4	75.3	28.8	36.6	49.6	44.3	71.5	67.4	35.9	45.8	19.0	2.7	487.1	11%	114.4	130.5	174.7	67.5	244.9	242.2
OTHER MAQUEREAU	16.9	8.5	16.4	5.5	4.1	2.4	0.7	0.3	0.3	20.1	2.6	6.3	84.0	2%	41.8	12.0	1.2	29.0	53.7	30.3
BONITE	9.6	10.6	22.3	24.5	14.3	4.3	3.8	7.9	1.7	4.4	8.1	3.2	114.7	3%	42.4	43.2	13.5	15.7	85.6	29.1
OTHER PELAGICS	9.3	8.0	8.3	6.4	14.1	4.3	11.3	4.3	5.3	13.2	27.9	6.0	118.4	3%	25.7	24.8	20.9	47.1	50.4	68.0
BECUNE	27.0	18.8	12.8	14.7	11.5	11.7	8.0	7.0	11.0	16.7	17.4	11.8	168.3	4%	58.6	37.8	26.0	45.9	96.4	71.9
CORDONIER	51.6	25.2	25.4	24.4	14.9	19.9	17.3	8.7	16.4	22.1	21.4	23.1	270.3	6%	102.2	59.2	42.3	66.6	161.4	108.9
OTHER TRAP FISH	38.5	13.0	16.8	17.9	15.7	23.9	22.4	17.8	19.2	24.3	20.8	20.4	250.8	6%	68.2	57.5	59.5	65.6	125.7	125.1
RED SNAPPER	24.6	23.7	30.4	11.8	9.7	7.6	6.9	8.8	9.3	16.2	17.6	10.7	177.3	4%	78.7	29.1	25.0	44.5	107.8	69.5
BOURGEOIS	59.5	45.9	78.2	65.9	29.4	19.8	21.6	14.2	23.4	29.9	49.0	38.2	475.0	11%	183.6	115.1	59.2	117.1	298.7	176.3
JOB	44.1	46.7	65.1	47.2	62.1	31.3	54.0	30.8	38.6	49.4	46.4	12.9	528.4	12%	155.8	140.6	123.4	108.6	296.4	232.0
MACONDE	16.7	7.6	11.9	14.0	8.0	5.6	6.6	9.2	11.3	7.0	12.4	7.0	117.3	3%	36.1	27.7	27.1	26.4	63.8	53.5
OTHER VIELLE	12.2	11.7	22.6	19.9	9.3	10.1	13.7	13.7	17.4	10.3	16.3	14.2	171.5	4%	46.5	39.3	44.8	40.9	85.8	85.7
CAPITAINE	33.0	18.6	19.9	24.8	17.9	25.2	24.2	20.6	26.6	22.4	25.2	16.3	274.8	6%	71.5	67.9	71.4	63.9	139.4	135.3
SHARKS & RAYS	6.9	2.3	2.1	0.8	0.8	0.5	2.9	3.5	1.8	1.4	2.4	1.4	26.7	1%	11.3	2.0	8.2	5.2	13.3	13.4
OCTOPUS	4.7	1.4	5.3	2.8	4.0	2.4	0.5	0.5	3.6	1.3	2.4	1.3	30.1	1%	11.3	9.2	4.6	5.0	20.5	9.6
OTHERS	2.6	1.8	2.1	3.7	2.8	2.7	1.7	3.3	4.1	5.6	5.5	1.2	37.0	1%	6.5	9.2	9.1	12.3	15.6	21.4
CRAB	7.9		21.0	4.0							2.4	1.3	36.6	1%	28.9	4.0	0.0	3.7	32.9	3.7
Annual	484.8	388.7	499.1	427.1	403.8	316.5	359.4	241.5	298.8	383.7	355.4	252.5	4411.1	100%	1372.6	1147.3	899.7	991.6	2519.9	1891.2

Country: Seychelles
Year: 2020

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
CARANGUES	118.3	160.1	126.9	46.9	44.3	60.8							557.3	32%	405.3	152.0	0.0	0.0	557.3	0.0
MAQUEREAU DOUX	73.1	64.8	16.4	12.5	0.1	4.4							171.3	10%	154.3	17.0	0.0	0.0	171.3	0.0
OTHER MAQUEREAU	0.0	0.3	2.5	0.4	0.2	0.4							3.7	0%	2.8	0.9	0.0	0.0	3.7	0.0
BONITE	13.1	36.2	18.3	10.0	1.9	3.1							82.5	5%	67.5	14.9	0.0	0.0	82.5	0.0
OTHER PELAGICS	9.2	10.2	5.2	6.4	4.5	13.5							49.0	3%	24.6	24.4	0.0	0.0	49.0	0.0
BECUNE	23.0	26.1	11.6	0.8	1.0	3.2							65.8	4%	60.7	5.1	0.0	0.0	65.8	0.0
CORDONIER	24.1	11.1	12.7	2.2	6.4	11.2							67.7	4%	47.9	19.8	0.0	0.0	67.7	0.0
OTHER TRAP FISH	18.5	11.6	15.1	3.2	8.5	13.5							70.4	4%	45.2	25.2	0.0	0.0	70.4	0.0
RED SNAPPER	27.7	16.5	18.1	2.5	3.6	7.7							76.1	4%	62.3	13.8	0.0	0.0	76.1	0.0
BOURGEOIS	38.9	32.5	21.9	6.2	5.8	9.7							115.0	7%	93.3	21.7	0.0	0.0	115.0	0.0
JOB	112.4	31.2	73.2	7.1	19.3	24.9							268.1	15%	216.8	51.3	0.0	0.0	268.1	0.0
MACONDE	8.1	5.1	5.2	0.9	1.5	4.1							24.9	1%	18.4	6.5	0.0	0.0	24.9	0.0
OTHER VIELLE	22.7	8.4	31.2	3.9	2.4	4.3							73.0	4%	62.3	10.7	0.0	0.0	73.0	0.0
CAPITAINE	35.6	24.5	22.5	7.1	7.0	14.3							111.0	6%	82.6	28.4	0.0	0.0	111.0	0.0
SHARKS & RAYS	1.9	3.4	1.8	0.1	1.1	0.9							9.2	1%	7.1	2.1	0.0	0.0	9.2	0.0
OCTOPUS	1.3	1.1	0.9	0.8	0.9	0.4							5.4	0%	3.3	2.1	0.0	0.0	5.4	0.0
OTHERS	4.0	1.6	1.5	0.5	0.6	2.4							10.7	1%	7.1	3.5	0.0	0.0	10.7	0.0
CRAB	0.5												0.5	0%	0.5	0.0	0.0	0.0	0.5	0.0
Annual	532.2	444.9	385.0	111.3	109.1	179.0	0.0	0.0	0.0	0.0	0.0	0.0	1761.4	100%	1362.0	399.4	0.0	0.0	1761.4	0.0

TABLE 4.5 Time Series of Effort Statistics for Artisanal Fishery by Vessel and Gear Type
(Database Closed on 30/07/21)

Country: SEYCHELLES

Semester 1, Years 2010 - 2020

Month	Handline Fishery Effort (Mendays)						Trap Fishery Effort (Traps)						Net Fishery Effort (Sets)		
	Pirogue	Outboard	Whaler	Schooner	Others	Total	Fishermen on Foot	Pirogue	Outboard	Whaler	Others	Total	Pirogue	Outboard	Total
2010	0	4647	11741	4638	0	21026	338	255	41841	0	0	42434	54	699	752
2011	126	4633	10100	5965	0	20825	825	930	53497	0	0	55252	36	942	978
2012	92	4096	4761	5712	0	14661	470	1202	40611	0	0	42282	64	909	973
2013	310	5987	12779	5108	0	24184	455	1312	40177	517	0	42461	77	1202	1279
2014	155	5905	13664	6372	0	26096	113	639	42086	0	0	42838	220	1639	1860
2015	99	7196	12793	4407	0	24495	50	482	37751	75	0	38358	128	1006	1135
2016	161	7744	10200	3447	0	21552	0	407	40316	134	0	40856	118	1554	1672
2017	48	13999	15012	15290	653	45002	0	0	73705	304	706	74715	42	1500	1542
2018	0	14998	15231	11031	718	41978	0	0	61801	423		62224	40	1661	1701
2019	0	16591	12073	15066	1041	44772	0	0	66266	411	506	67183	41	2010	2051
2020	0	11860	8929	10261	1186	32237	0	0	35570	0	200	35770	0	1198	1198

Country: SEYCHELLES

Semester 2, Years 2010 - 2019

Month	Handline Fishery Effort (Mendays)						Trap Fishery Effort (Traps)						Net Fishery Effort (Sets)		
	Pirogue	Outboard	Whaler	Schooner	Others	Total	Fishermen on Foot	Pirogue	Outboard	Whaler	Others	Total	Pirogue	Outboard	Total
2010	205	3756	17041	4125	0	25127	2875	1733	48148	0	0	52756	70	564	634
2011	148	4280	8982	4437	0	17846	133	1535	50754	0	0	52421	69	768	837
2012	113	3755	9839	4835	0	18542	600	1694	41238	0	0	43532	110	1246	1355
2013	94	5695	13351	3758	0	22898	194	1267	53611	269	0	55341	174	2015	2189
2014	152	5439	8764	4240	0	18595	636	1470	49001	106	0	51213	360	1261	1621
2015	137	6513	16495	2963	0	26109	158	836	35091	250	0	36335	122	915	1037
2016	149	5200	7503	882	0	13734	52	271	40164	610	0	41097	48	844	892
2017	0	15400	15025	12750	725	43901	0	0	71781	686	840	73307	34	1728	1762
2018	0	16145	13949	12250	618	42962	0	0	77060	1025	475	78560	41	1052	1093
2019	0	14898	11601	11516	1022	39038	0	0	60630	466	338	61434	36	1843	1879

Country: SEYCHELLES

Years: 2010 - 2019

Month	Handline Fishery						Trap Fishery						Net Fishery		
	Pirogue	Outboard	Whaler Effort (Mendays)	Schooner	Others	Total	Fishermen on Foot	Pirogue	Outboard Effort (Traps)	Whaler	Others	Total	Pirogue	Outboard	Total Effort (Sets)
2010	205	8403	28782	8763	0	46153	3213	1989	89989	0	0	95191	124	1262	1386
2011	274	8913	19082	10402	0	38671	958	2464	104251	0	0	107673	104	1711	1815
2012	204	7851	14600	10547	0	33203	1070	2896	81849	0	0	85814	174	2155	2329
2013	404	11682	26130	8866	0	47082	649	2579	93788	786	0	97802	251	3217	3468
2014	307	11344	22428	10612	0	44691	749	2108	91088	106	0	94051	581	2901	3481
2015	237	13709	29288	7370	0	50604	208	1318	72842	325	0	74693	250	1921	2171
2016	311	12944	17703	4329	0	35286	52	678	80479	744	0	81953	166	2398	2564
2017	48	29399	30036	28041	1378	88902	0	0	145486	990	1546	148022	76	3228	3304
2018	0	31143	29180	23281	1336	84940	0	0	138861	1448	475	140784	81	2713	2794
2019	0	31489	23675	26583	2063	83810	0	0	126896	877	844	128617	77	3853	3930

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

(Database Closed on 30/07/21)

Country: SEYCHELLES

Year: 2019

Month	Outboard	Whaler	Schooner Effort (Mendays)	Others	Total	Outboard	Whaler	Others	Total	Pirogue	Net Fishery	
											Effort (Traps)	
Jan	3282	1939	2432	113	7766	11525	58	205	11788	0	475	475
Feb	2546	1975	2626	110	7257	9167	213	185	9565	0	445	445
Mar	2953	2529	2719	147	8348	11599	8	116	11723	5	371	376
Apr	3423	2154	2482	204	8264	11380			11380	13	197	210
May	2428	1836	3113	276	7653	11532	8		11540	0	354	354
Jun	1958	1640	1694	191	5484	11063	124		11187	23	168	191
Jul	3063	2219	1949	207	7438	8731	20	60	8811	6	392	398
Aug	2576	1484	1333	113	5505	7506	74		7580	4	184	188
Sep	2668	1646	2063	213	6590	9592		93	9685	13	182	195
Oct	2218	2171	1981	88	6458	14402			14402	13	496	509
Nov	2662	2372	2654	182	7871	11027	198	185	11410	0	214	214
Dec	1711	1710	1537	220	5177	9372	174		9546	0	375	375
Annual	31489	23675	26583	2063	83810	126896	877	844	128617	77	3853	3930
Quarter 1	8781	6443	7777	370	23371	32291	279	506	33076	5	1291	1296
Quarter 2	7810	5630	7290	671	21401	33975	132	0	34107	36	719	755
Quarter 3	8307	5348	5344	533	19533	25829	94	153	26076	23	758	781
Quarter 4	6591	6253	6172	489	19505	34801	372	185	35358	13	1085	1098
First Semester	16591	12073	15066	1041	44772	66266	411	506	67183	41	2010	2051
Second Semester	14898	11601	11516	1022	39038	60630	466	338	61434	36	1843	1879

Country: SEYCHELLES

Year: 2020

Month	Outboard	Whaler	Schooner Effort (Mendays)	Others	Total	Outboard	Whaler	Others	Total	Pirogue	Net Fishery	
											Effort (Traps)	
Jan	3176	2098	2216	274	7764	10661			10661		431	431
Feb	2347	2229	2561	238	7375	6988		38	7026		294	294
Mar	2384	1270	1573	313	5539	6539			6539		246	246
Apr	752	533	589	49	1922	1374			1374		87	87
May	1069	877	1064	98	3107	3500			3500		47	47
Jun	2133	1924	2258	215	6531	6508		162	6670		93	93
Jul												0
Aug												0
Sep												0
Oct												0
Nov												0
Dec												0
Annual	11860	8929	10261	1186	32237	35570	0	200	35770	0	1198	1198
Quarter 1	7907	5596	6350	825	20677	24188	0	38	24226	0	971	971
Quarter 2	3953	3334	3911	362	11560	11382	0	162	11544	0	227	227
Quarter 3												
Quarter 4												
First Semester	11860	8929	10261	1186	32237	35570	0	200	35770	0	1198	1198
Second Semester												

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

(Database Closed on 30/07/21)

Country: SEYCHELLES

Semester 1, Years: 2010 - 2020

Month	Pirogue	Handline Fishery CPUE (kg/Men day)					Total	Fishermen on foot	Pirogue	Trap Fishery CPUE (kg/ Trap)				Total	Pirogue	Net Fishery CPUE (kg/Set)		Total
		Outboard	Whaler	Schooner	Others	Outboard				Whaler	Others	Outboard						
2010	0.0	40.6	49.5	55.5	0.0	48.8	2.3	3.4	5.1	0.0	0.0	5.1	61.4	226.3	214.5			
2011	10.7	37.7	60.0	42.4	0.0	49.7	1.6	3.4	5.4	0.0	0.0	5.3	75.2	192.6	188.3			
2012	19.8	35.4	74.3	36.2	0.0	48.3	4.3	2.3	5.6	0.0	0.0	5.5	111.7	391.2	372.7			
2013	13.2	40.3	75.3	41.3	0.0	58.7	2.8	2.7	4.9	5.6	0.0	4.8	121.8	166.7	164.0			
2014	13.9	37.4	62.2	27.4	0.0	47.8	9.0	2.7	5.2	0.0	0.0	5.2	115.8	246.2	230.7			
2015	21.3	37.4	41.6	37.4	0.0	39.5	3.2	4.2	5.2	21.0	0.0	5.3	57.7	215.6	197.8			
2016	21.7	40.3	52.4	29.9	0.0	44.2	0.0	3.7	6.3	6.0	0.0	6.3	35.7	167.9	158.6			
2017	16.0	36.9	25.2	21.0	56.3	27.8	0.0	0.0	3.6	15.9	2.7	3.6	233.3	203.1	203.9			
2018	0.0	44.6	31.0	26.7	79.5	35.6	0.0	0.0	3.7	9.9	0.0	3.7	116.3	255.7	252.5			
2019	0.0	40.6	39.5	30.9	65.8	37.6	0.0	0.0	4.8	0.0	2.1	4.8	207.1	217.2	217.0			
2020	0.0	45.1	28.0	39.4	37.2	38.2	0.0	0.0	4.8	0.0	2.2	4.7	0.0	209.4	209.4			

Country: SEYCHELLES

Semester 2, Years: 2010- 2019

Month	Pirogue	Handline Fishery CPUE (kg/Men day)					Total	Fishermen on foot	Pirogue	Trap Fishery CPUE (kg/ Trap)				Total	Pirogue	Net Fishery CPUE (kg/Set)		Total
		Outboard	Whaler	Schooner	Others	Outboard				Whaler	Others	Outboard						
2010	7.8	36.8	38.7	45.3	0.0	39.3	1.7	3.3	4.6	0.0	0.0	4.4	75.0	174.9	163.8			
2011	20.0	36.1	98.0	26.6	0.0	64.8	6.0	2.7	4.3	0.0	0.0	4.3	33.4	108.3	102.2			
2012	24.3	36.3	42.3	34.7	0.0	39.0	4.9	2.5	4.6	0.0	0.0	4.5	63.0	259.6	243.7			
2013	19.9	38.6	87.5	37.9	0.0	66.9	6.2	3.2	5.3	23.0	0.0	5.3	120.0	253.6	243.0			
2014	19.0	35.1	69.3	30.9	0.0	50.1	2.8	3.3	5.1	21.3	0.0	5.1	57.5	244.1	202.7			
2015	15.2	30.7	46.0	27.4	0.0	39.9	5.4	3.2	5.4	6.9	0.0	5.3	34.8	509.7	454.0			
2016	10.0	32.6	55.7	79.7	0.0	48.0	11.5	2.9	5.7	8.4	0.0	5.8	29.0	227.5	216.8			
2017	0.0	37.8	32.2	22.9	62.2	32.0	0.0	0.0	3.8	12.6	2.3	3.9	161.8	400.9	396.2			
2018	0.0	28.2	29.0	26.3	90.5	28.8	0.0	0.0	3.4	8.2	0.0	3.4	264.6	250.3	250.8			
2019	0.0	31.2	28.9	37.0	23.0	32.0	0.0	0.0	4.0	1.1	0.7	4.0	69.4	196.0	193.6			

Country: SEYCHELLES

Years: 2010 - 2019

Month	Pirogue	Handline Fishery				Total	Fishermen on foot	Pirogue	Trap Fishery			Total	Pirogue	Net Fishery	
		Outboard	Whaler	Schooner	Others				Outboard	Whaler	Others			Outboard	Total
		CPUE (kg/Men day)						CPUE (kg/ Trap)					CPUE (kg/Set)		
2010	7.8	38.9	43.1	50.7	0.0	43.6	1.7	3.3	4.9	0.0	0.0	4.7	69.1	203.3	191.3
2011	15.7	36.9	77.9	35.7	0.0	56.7	2.2	3.0	4.9	0.0	0.0	4.8	47.6	154.7	148.6
2012	22.3	35.9	52.8	35.5	0.0	43.1	4.7	2.4	5.1	0.0	0.0	5.0	81.0	315.1	297.6
2013	14.7	39.5	81.6	39.9	0.0	62.7	3.8	2.9	5.1	11.6	0.0	5.1	120.6	221.2	213.9
2014	16.4	36.3	65.0	28.8	0.0	48.8	3.8	3.1	5.2	21.3	0.0	5.1	79.6	245.3	217.7
2015	17.8	34.2	44.0	33.4	0.0	39.7	4.9	3.6	5.3	10.1	0.0	5.3	46.5	355.7	320.1
2016	16.1	37.2	53.8	40.0	0.0	45.7	11.5	3.4	6.0	7.9	0.0	6.0	33.7	188.9	178.8
2017	16.0	37.4	28.7	21.9	59.4	29.9	0.0	0.0	3.7	13.6	2.5	3.8	201.3	308.9	306.5
2018	0.0	36.1	30.1	26.5	84.6	32.2	0	0	3.5	8.7	0.0	3.6	191.4	253.6	251.8
2019	0.0	36.2	34.3	33.5	44.6	35.0	0	0	4.4	0.6	1.5	4.4	142.7	207.1	205.8

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

(Database Closed on 30/07/21)

Country: SEYCHELLES
Year: 2019

Month	Effort (Kg/Mendays)					Effort (Kg/Traps)				Net Fishery		
	Outboard	Whaler	Schooner	Others	Total	Outboard	Whaler	Others	Total	Pirogue	Outboard	Total
Jan	45.3	42.8	25.7	46.7	38.5	7.5	0.0	3.5	7.4	0.0	182.9	182.9
Feb	29.4	46.4	31.1	51.9	35.0	4.7	0.0	0.0	4.5	0.0	196.0	196.0
Mar	43.8	39.2	40.9	50.1	41.6	4.1	0.0	2.8	4.1	520.0	170.9	175.6
Apr	48.1	31.8	25.1	115.0	38.6	4.6	0.0	0.0	4.6	129.2	241.3	234.3
May	33.0	50.0	31.6	62.7	37.6	3.5	0.0	0.0	3.5	0.0	190.6	190.6
Jun	38.8	25.9	28.9	48.9	32.2	4.4	0.0	0.0	4.3	183.0	500.6	462.4
Jul	30.2	33.0	38.9	24.1	33.1	3.8	0.0	3.8	3.8	61.7	200.5	198.4
Aug	33.3	22.3	21.2	15.7	27.0	3.0	0.0	0.0	3.0	87.5	375.8	369.7
Sep	29.7	33.6	35.6	16.5	32.1	4.2	0.0	0.0	4.2	75.4	208.1	199.2
Oct	33.4	20.8	53.7	22.3	35.2	4.2	0.0	0.0	4.2	61.5	189.6	186.4
Nov	31.6	28.0	35.8	24.6	31.8	4.3	0.0	0.0	4.2	0.0	173.4	173.4
Dec	29.1	36.5	30.9	31.2	32.2	4.2	0.0	0.0	4.1	0.0	118.5	118.5
Annual	36.2	34.3	33.5	44.6	35.0	4.4	0.6	1.5	4.4	142.7	207.1	205.8
Quarter 1	40.2	42.5	32.8	49.6	38.5	5.5	0.0	2.1	5.4	520.0	184.0	185.3
Quarter 2	41.1	36.0	28.8	74.7	36.6	4.2	0.0	0.0	4.1	163.6	276.9	271.5
Quarter 3	31.0	30.2	33.2	19.3	31.1	3.7	5.2	1.5	3.7	73.9	244.9	239.8
Quarter 4	31.5	27.8	40.3	27.1	33.0	4.2	0.0	0.0	4.1	61.5	161.9	160.7
First Semester	40.6	39.5	30.9	65.8	37.6	4.8	0.0	2.1	4.8	207.1	217.2	217.0
Second Semester	31.2	28.9	37.0	23.0	32.0	4.0	1.1	0.7	4.0	69.4	196.0	193.6

Country: SEYCHELLES
Year: 2020

Month	Effort (Kg/Mendays)					Effort (Kg/Traps)				Net Fishery		
	Outboard	Whaler	Schooner	Others	Total	Outboard	Whaler	Others	Total	Pirogue	Outboard	Total
Jan	41.7	37.0	60.6	44.1	45.9	5.1	0.0	0.0	5.1	0.0	192.8	192.8
Feb	60.9	34.8	40.3	38.2	45.1	3.9	0.0	1.1	3.9	0.0	277.1	277.1
Mar	51.2	29.2	50.4	42.5	45.4	5.6	0.0	0.0	5.6	0.0	166.8	166.8
Apr	63.4	29.5	14.8	37.2	38.4	4.4	0.0	0.0	4.4	0.0	257.2	257.2
May	32.4	17.9	31.9	27.0	28.0	4.6	0.0	0.0	4.6	0.0	99.1	99.1
Jun	25.6	13.6	19.8	24.5	20.0	4.5	0.0	2.5	4.4	0.0	195.7	195.7
Jul												
Aug												
Sep												
Oct												
Nov												
Dec												
Annual	45.1	28.0	39.4	37.2	38.2	4.8	0.0	2.2	4.7	0.0	209.4	209.4
Quarter 1	50.3	34.4	49.9	41.8	45.5	4.9	0.0	1.1	4.9	0.0	211.8	211.8
Quarter 2	34.6	17.2	22.3	26.9	25.2	4.5	0.0	2.5	4.5	0.0	199.3	199.3
Quarter 3												
Quarter 4												
First Semester	45.1	28.0	39.4	37.2	38.2	4.8	0.0	2.2	4.7	0.0	209.4	209.4
Second Semester												

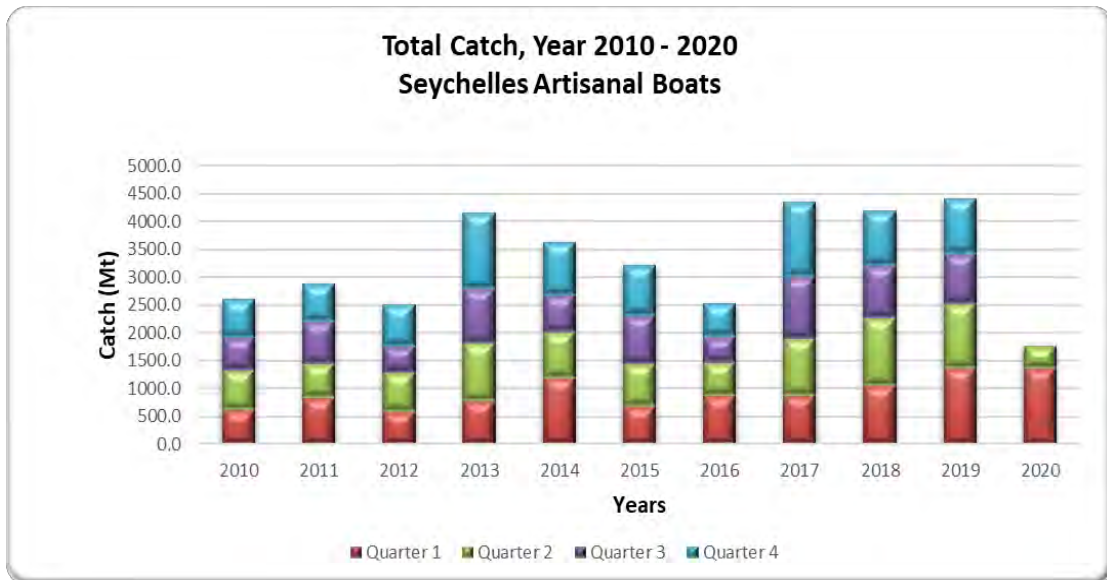


Figure 4A: Artisanal fishery Total Catch, Years 2010 - 2020

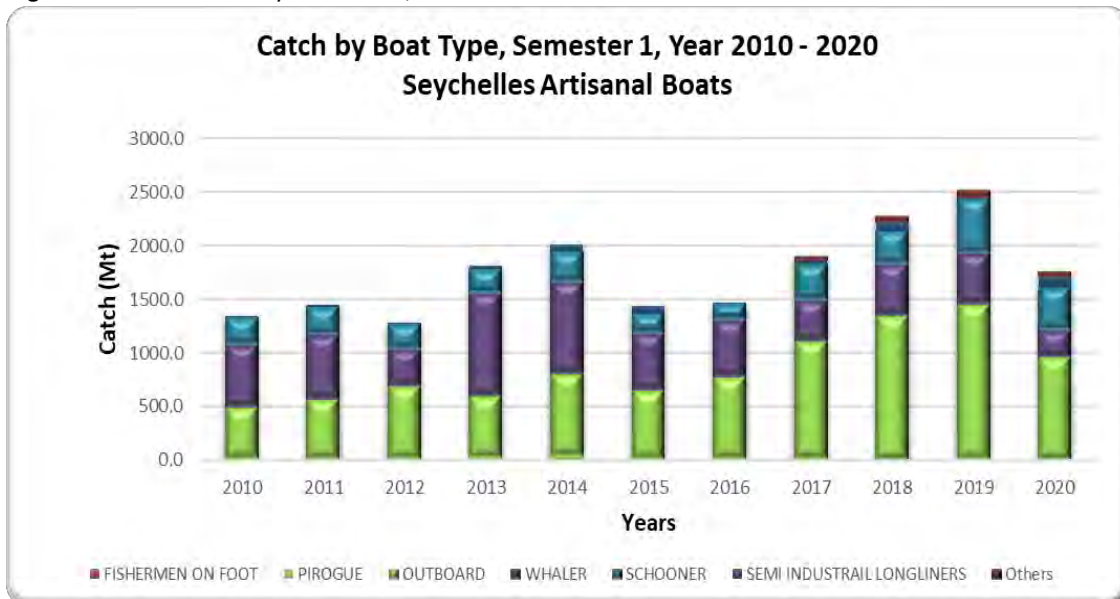


Figure 4B: Artisanal fishery Catch by Vessel Type, Years 2010 - 2020

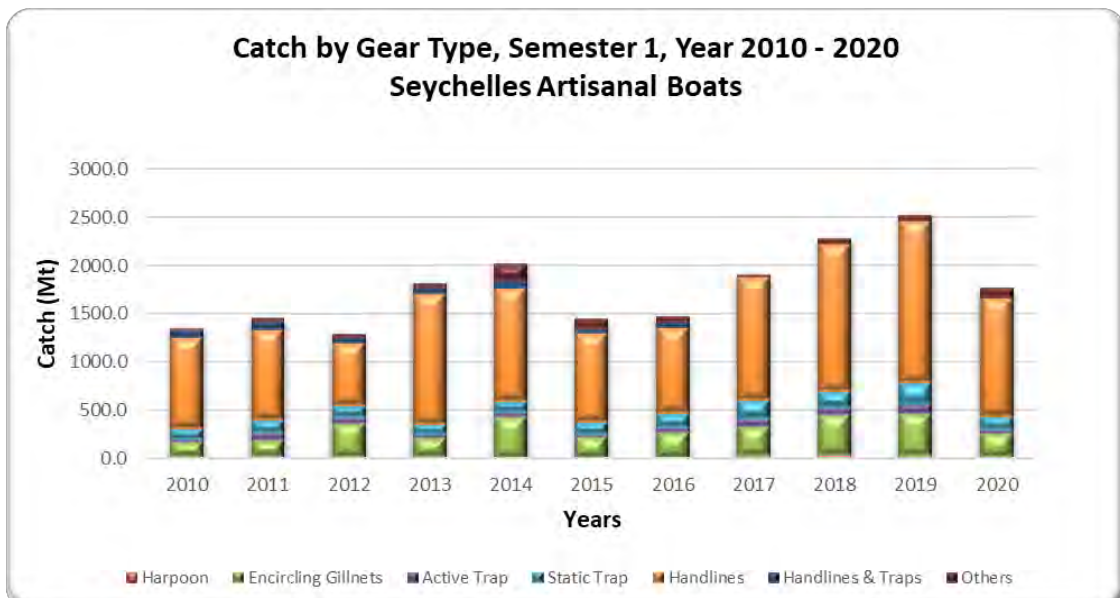


Figure 4C: Artisanal fishery Catch by Gear Type, Years 2010 - 2020

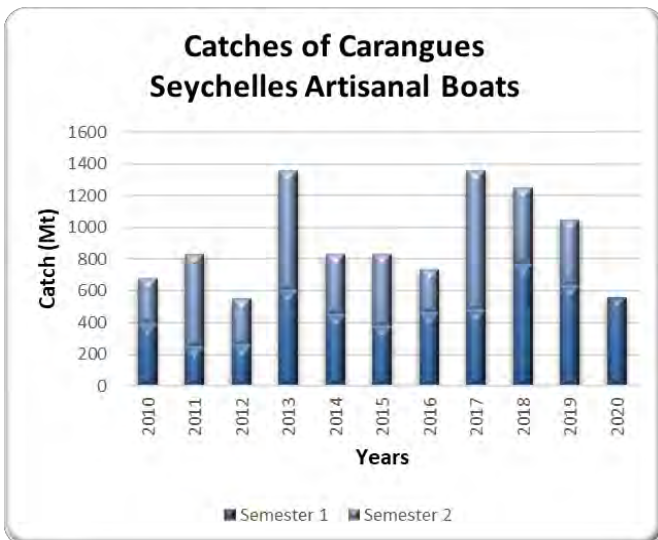


Figure 4D: Catches of Carangues, Years 2010-2020

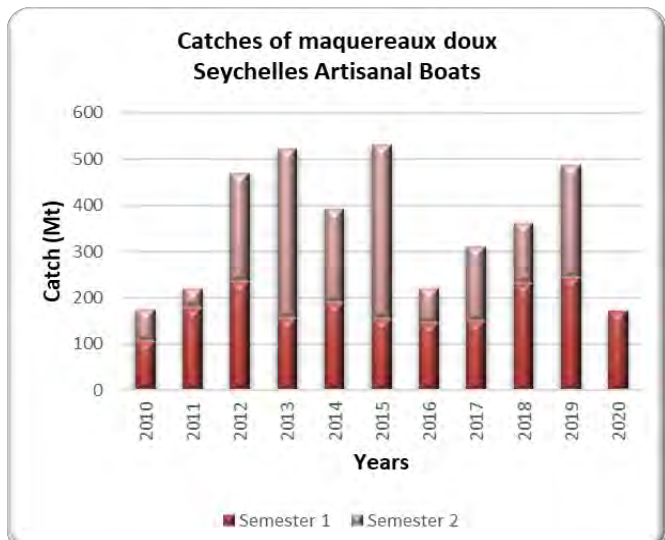


Figure 4E: Catches of Maquereau doux, Years 2010-2020

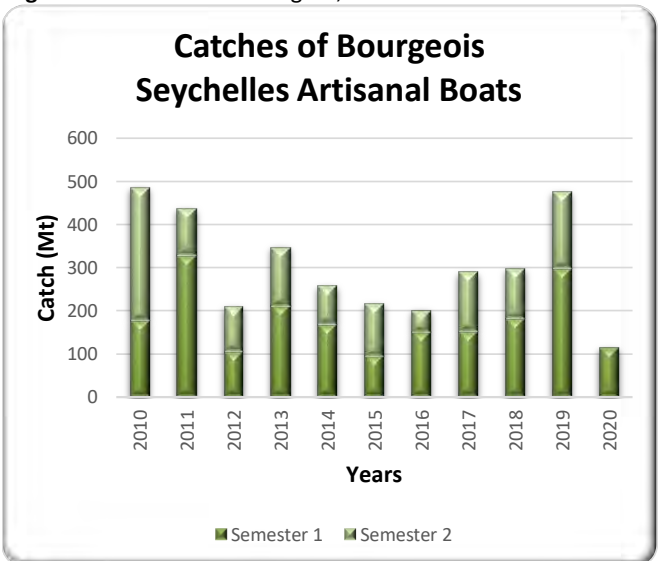


Figure 4F: Catches of bourgeois, Years 2010-2020

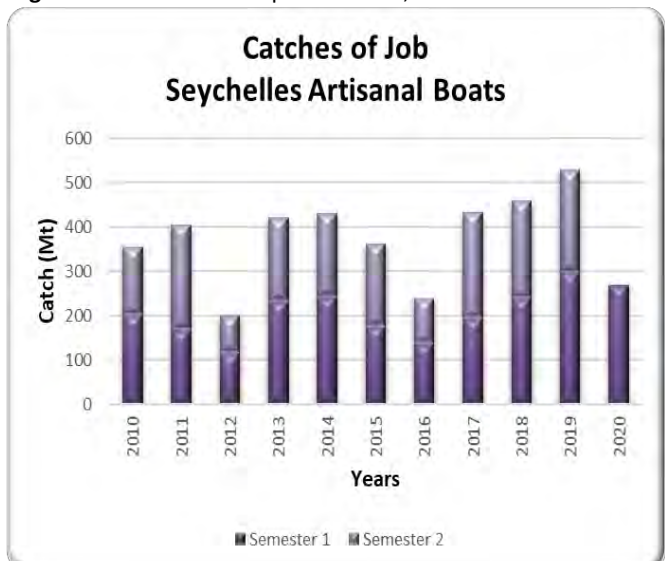


Figure 4G: Catches of job, Years 2010-2020

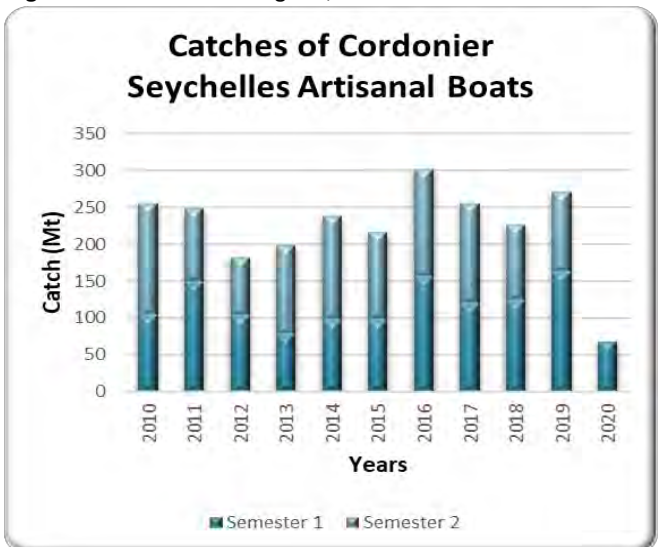


Figure 4H: Catches of cordonier, Years 2010-2020

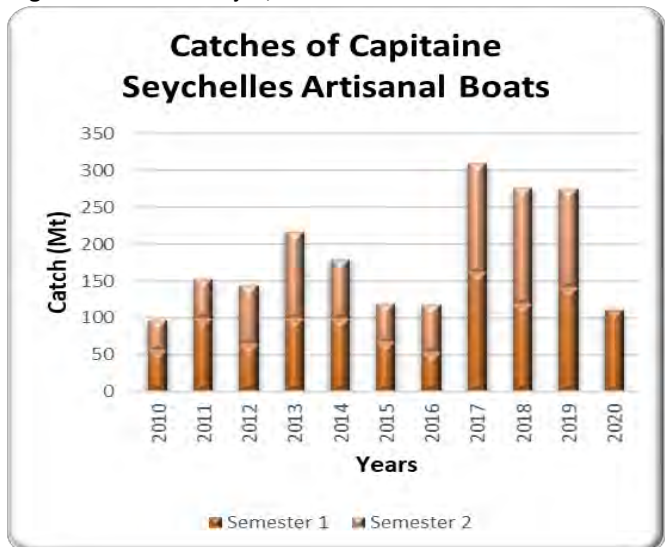


Figure 4I: Catches of capitaine, Years 2010-2020

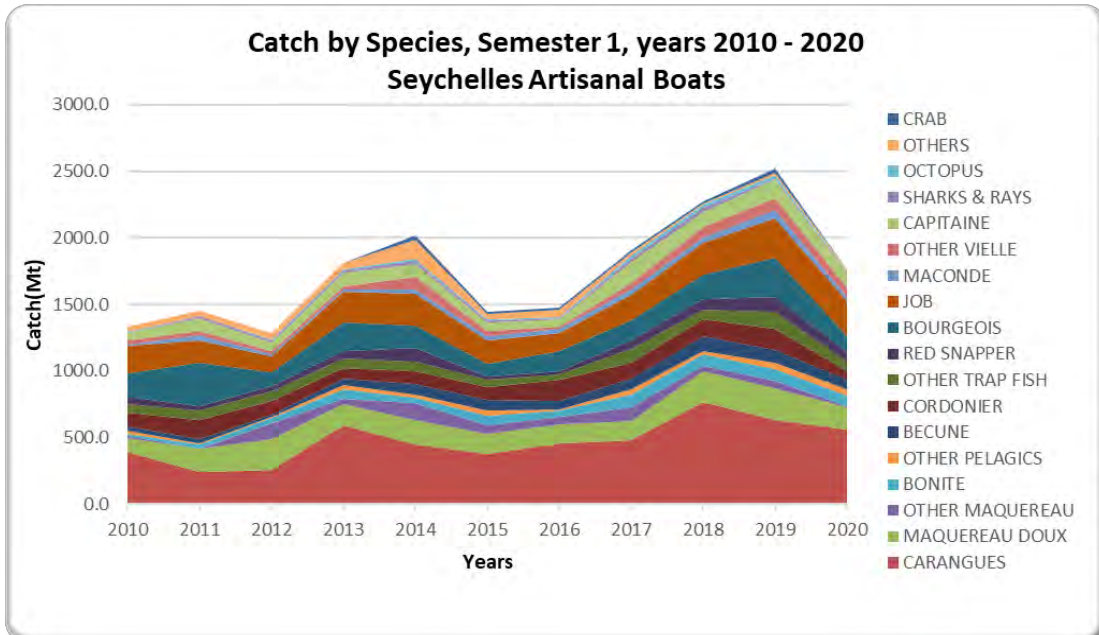


Figure 4J: Artisanal fishery Catch by Species, Years 2010- 2020

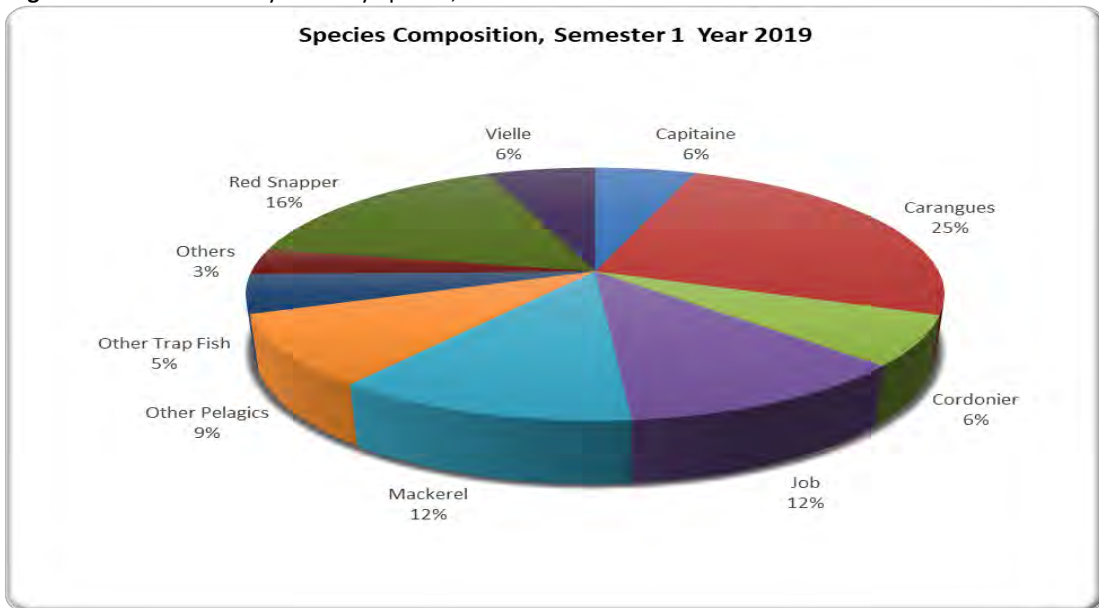


Figure 4K: Artisanal fishery Species composition of catches, Semester 1, Year 2019

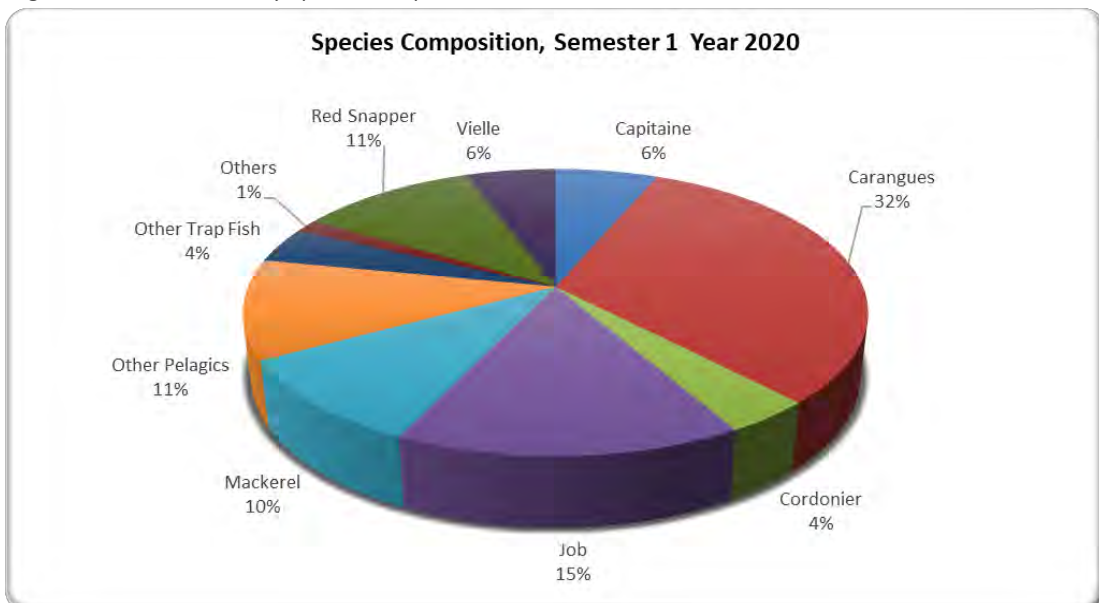


Figure 4L: Artisanal fishery Species composition of catches, Semester 1, Year 2020

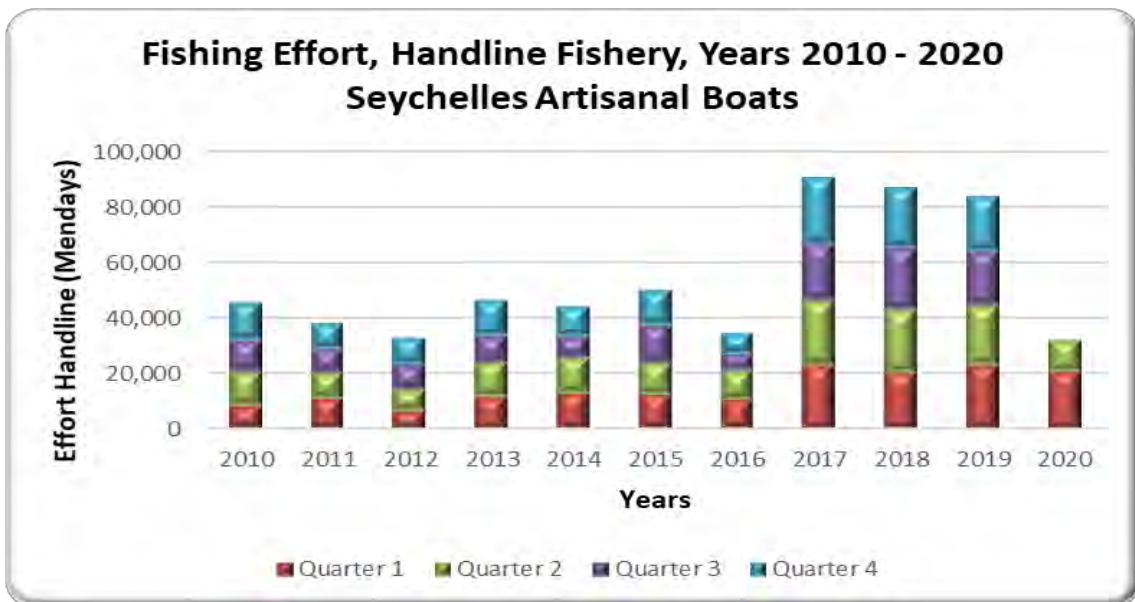


Figure 4M: Artisanal handline fishery, fishing effort, Years 2010- 2020

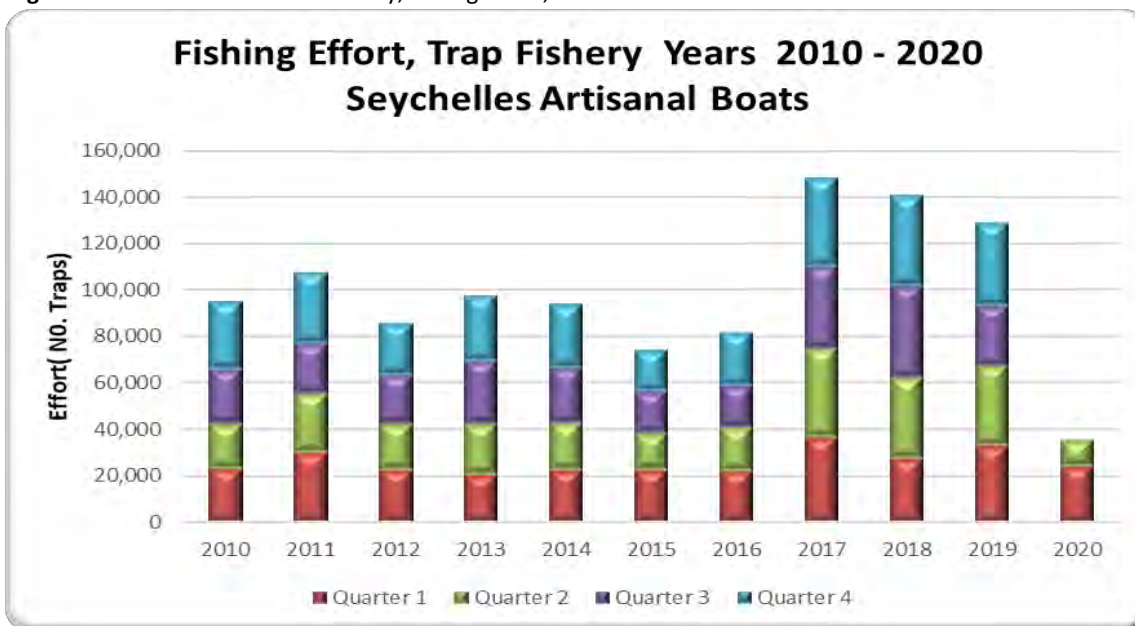


Figure 4N: Artisanal trap fishery, fishing effort, Years 2010 - 2020

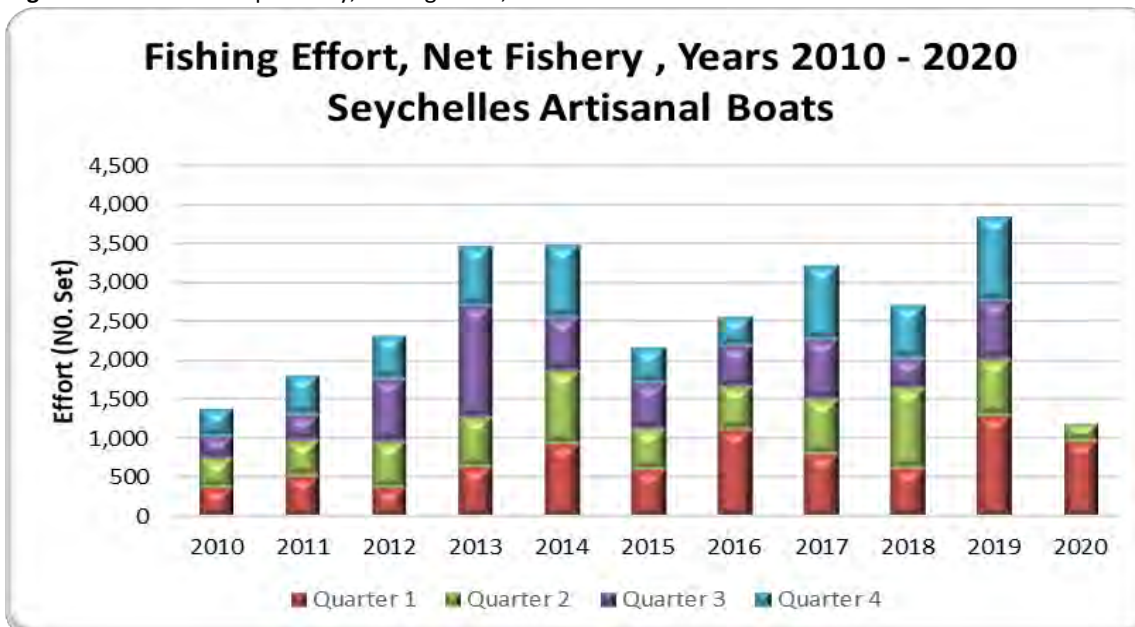


Figure 4O: Artisanal net fishery, fishing effort, Years 2010 - 2020

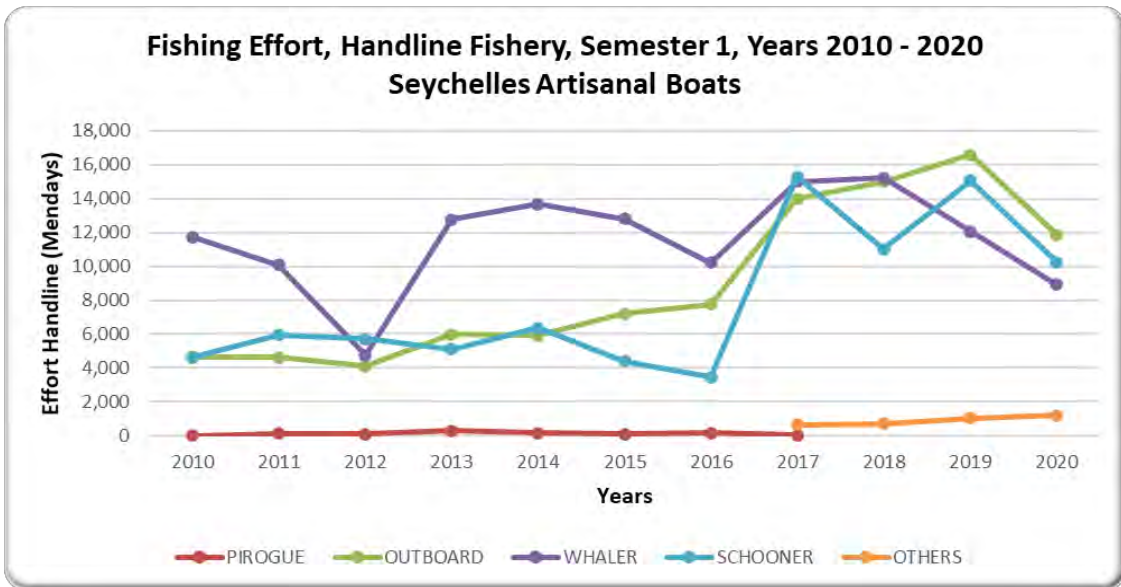


Figure 4P: Artisanal handline fishery, fishing effort by vessel Type, Semester 1, Years 2010 - 2020

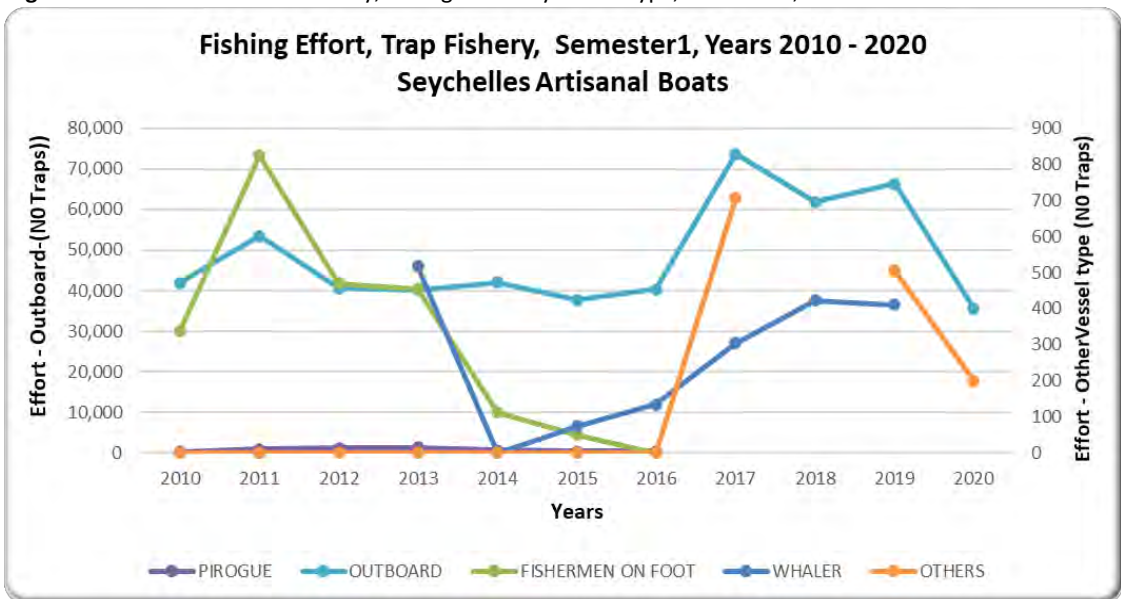


Figure 4Q: Artisanal trap fishery, fishing effort by vessel type, Semester 1, Years 2010 - 2020

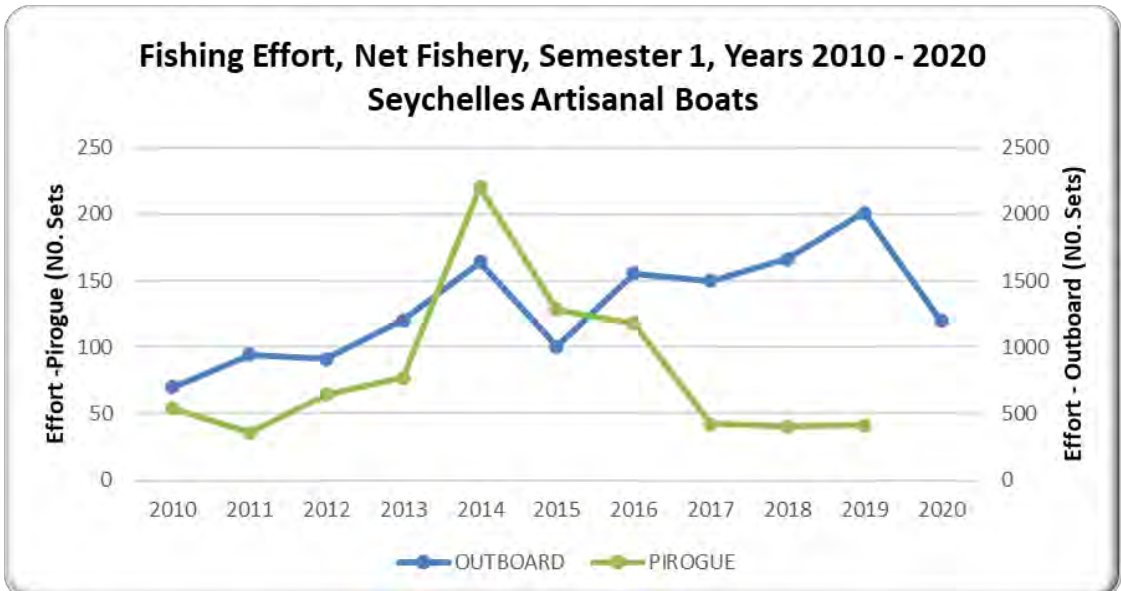


Figure 4R: Artisanal net fishery, fishing effort by vessel Type, Semester 1, Years 2010 - 2020

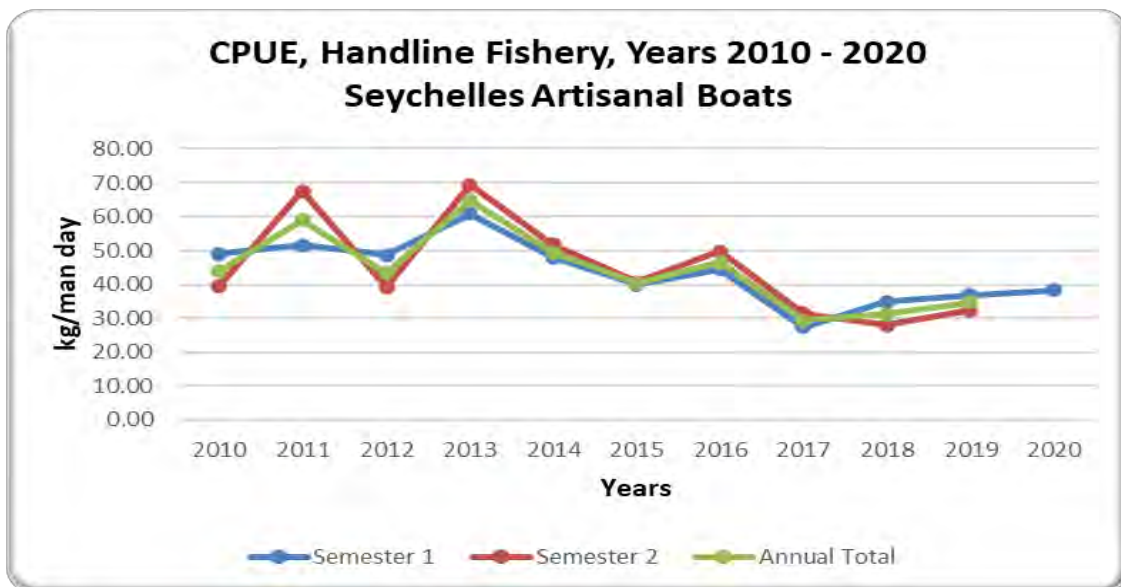


Figure 4S: Artisanal handline fishery CPUE, Years 2010 - 2020

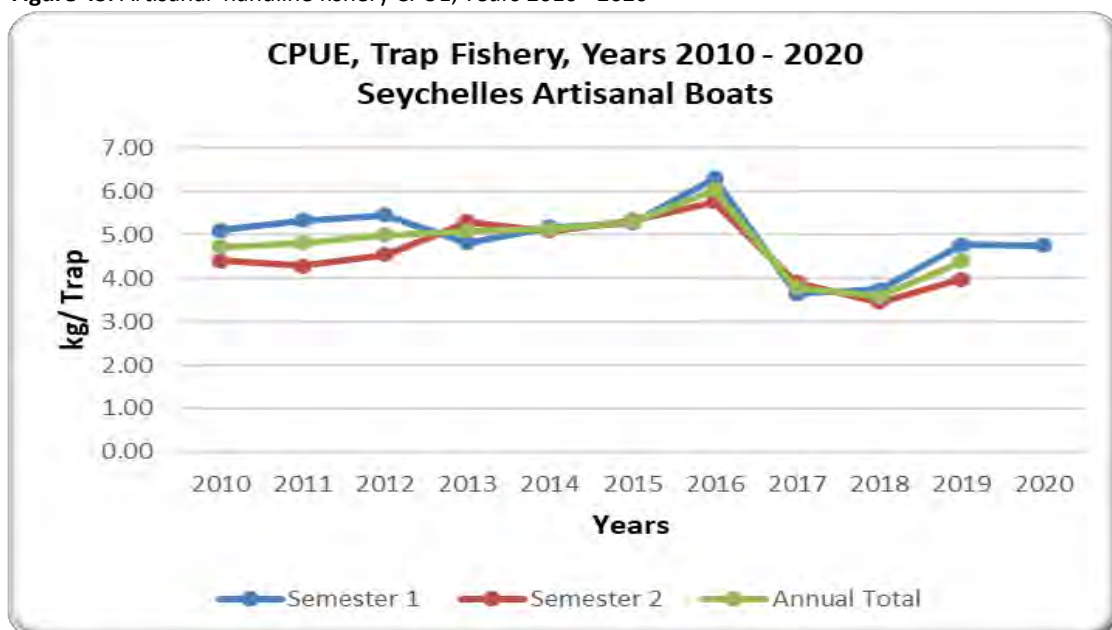


Figure 4T: Artisanal trap fishery CPUE, Years 2010 - 2020

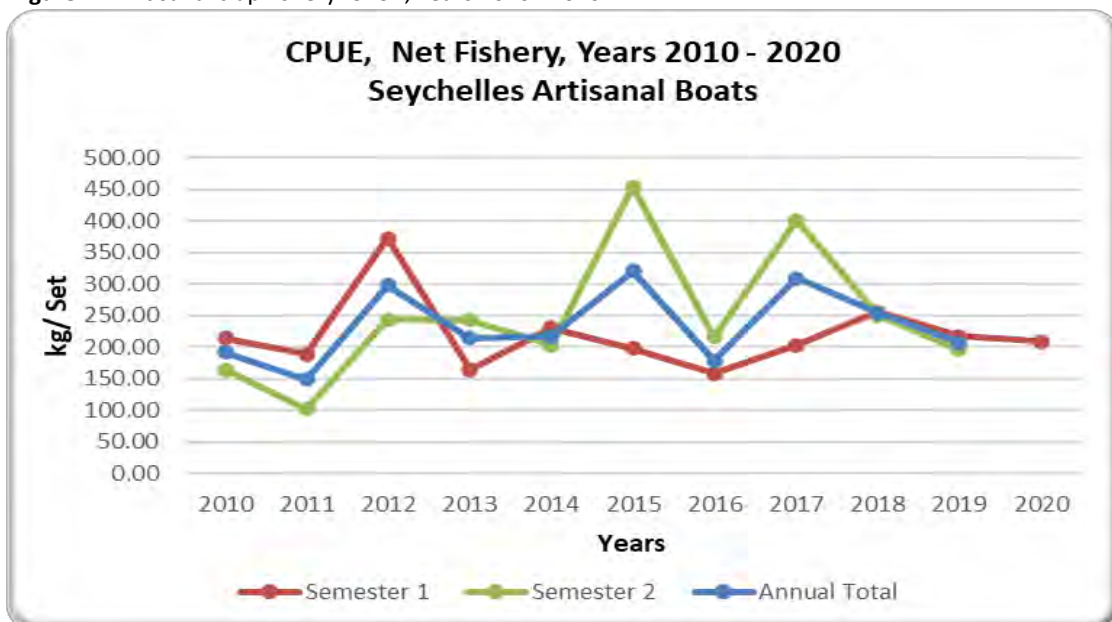


Figure 4U: Artisanal net fishery CPUE, Years 2010 - 2020

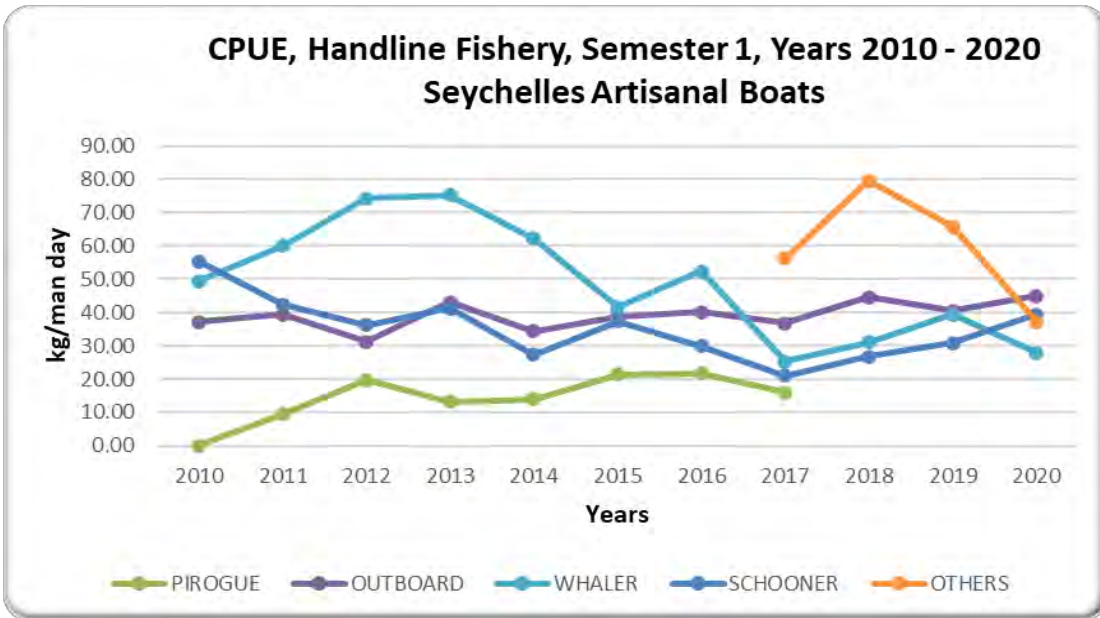


Figure 4V: Artisanal handline fishery CPUE by vessel Type, Semester 1, Years 2010 - 2020

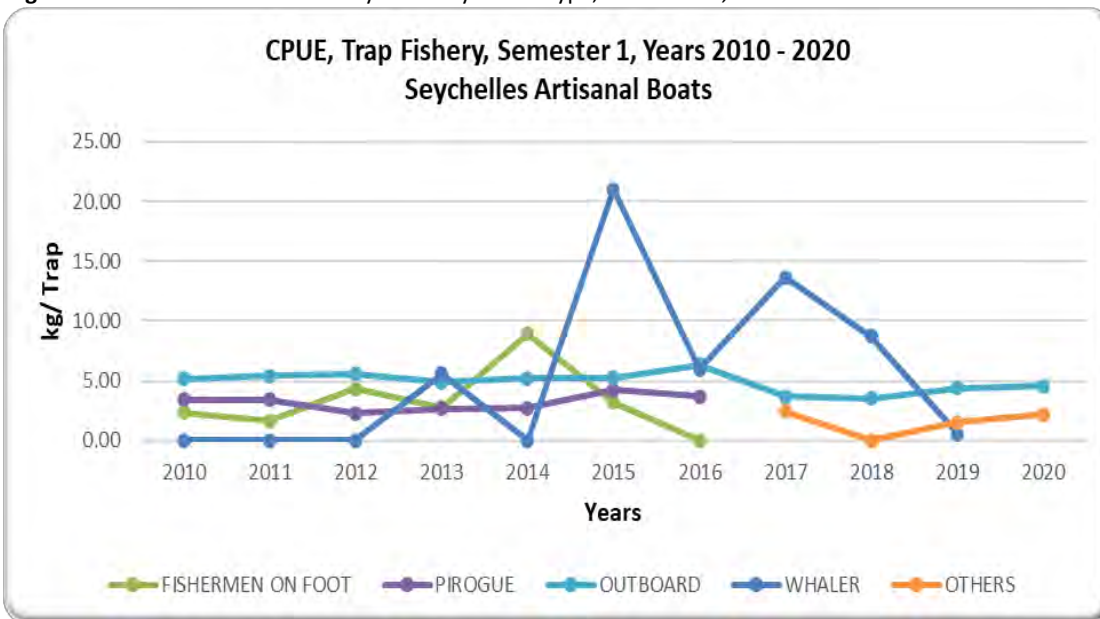


Figure 4W: Artisanal trap fishery CPUE by vessel type, Semester 1, Years 2010 - 2020

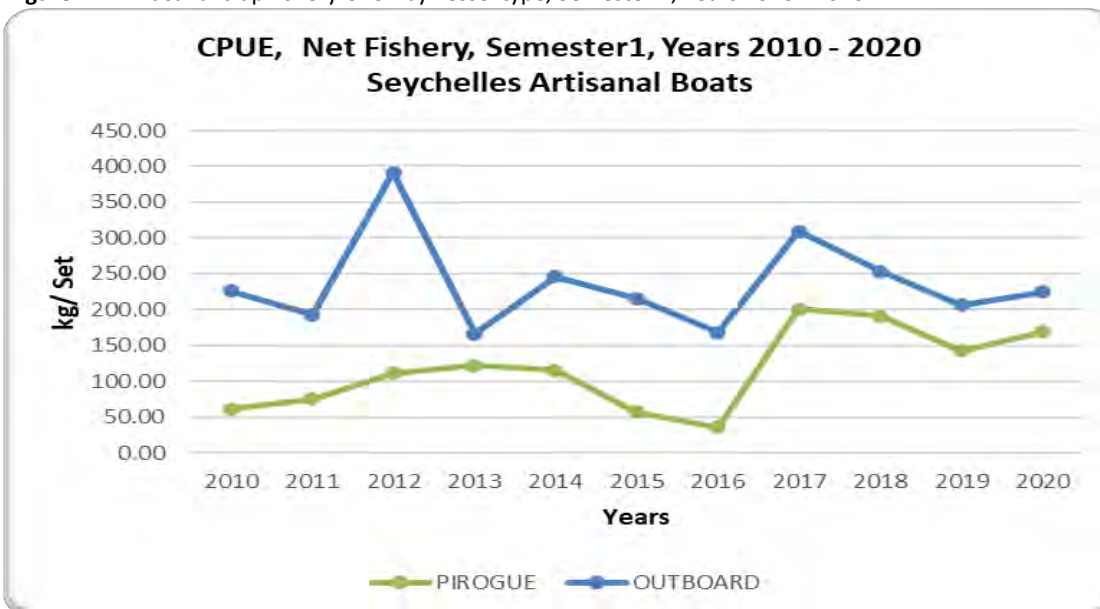


Figure 4X: Artisanal net fishery CPUE by vessel Type, Years 2010 - 2020