



# MINISTRY OF FISHERIES

## FISHERIES QUARTERLY REPORT

FIRST QUARTER 2019

JAN — MAR 2019



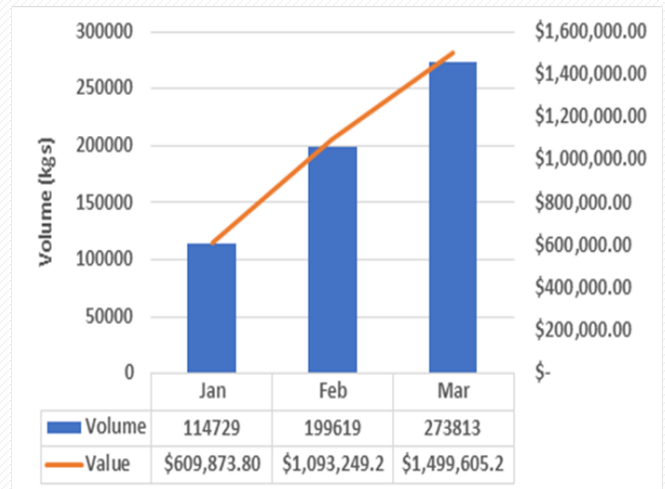
### MARINE EXPORTS

The total quantity of marine products (not including aquarium products) exported in the first quarter of 2019 was 588 metric tons. This is a 326% increase from the quantity exported during the same period last year and a 136% increase from that exported in the previous quarter. Tuna contributed a total of 96% to the total export for this quarter whilst snapper on the other hand declined by 34% compared to the last quarter and had contributed only 2% to the total exports for this quarter. Shark meat contributed by only 1% whilst other species such as fin fish, shark fin and seaweed all contributed 0.02% to the total marine export for the quarter. This tremendous increase in marine export is due the increase in the export of tuna for this quarter which increases by 241% from the previous quarter and 412% increase from the same quarter of 2018.

The total FOB value of marine export in this quarter was TOP\$3.2 million. This is a 277% increase in the FOB value of marine resources exported during the same period last year and a 172% increase from the value of that exported in the previous quarter. The increased in FOB value is due to the tremendous increase in the quantity of tuna exported.

Source: Fish exports database

### MARINE EXPORT DETAILS, 1ST QUARTER 2019



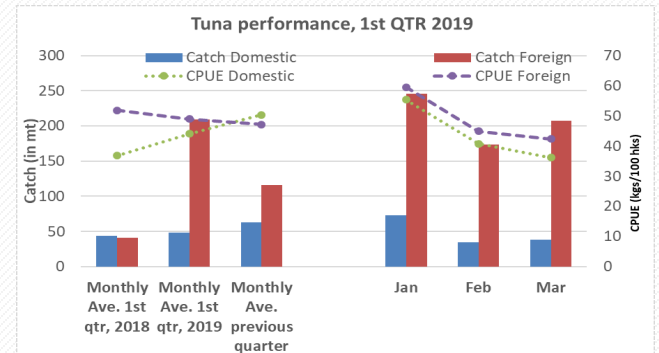
### TUNA FISHERY

The export quantity of tuna and associated by-catch for this quarter was 563 metric tons compared to 110 metric tons in the same quarter last year and 165 metric tons in the previous quarter. Total volume of tuna unloaded in this quarter was 540 metric tons. Albacore Tuna contributed the most to the total unloaded with 48%, followed by Yellowfin tuna which accounted to 30% of the total unloaded. With reference to the quantity exported in the month of March, export exceeded the unloaded quantities because some of the species from previous months were not exported until March.

The total FOB value of tuna exported in this quarter was approximately valued at TOP\$3 million which is a 211% decrease from the value of tuna exported in the previous quarter.

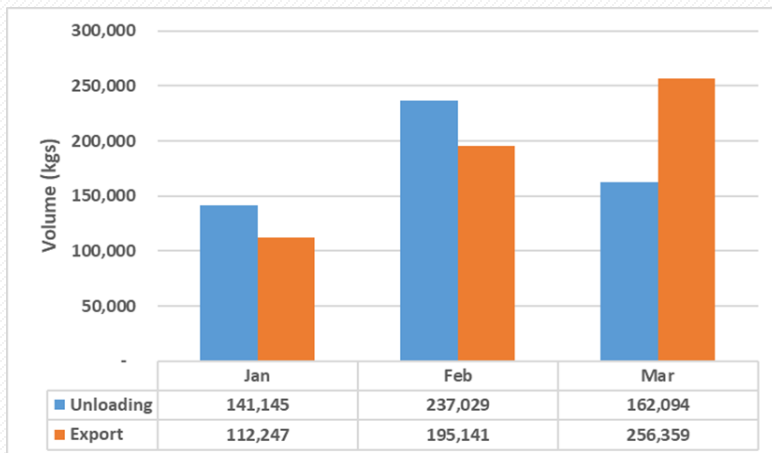
CPUE calculated as total number of sets and hooks fished and it is raised from the operational logsheets. CPUE was continue to decrease throughout the quarter due to catch rates is lower in proportion to number of hooks set.

### TUNA CATCH COMPOSITION, 1ST QUARTER 2019

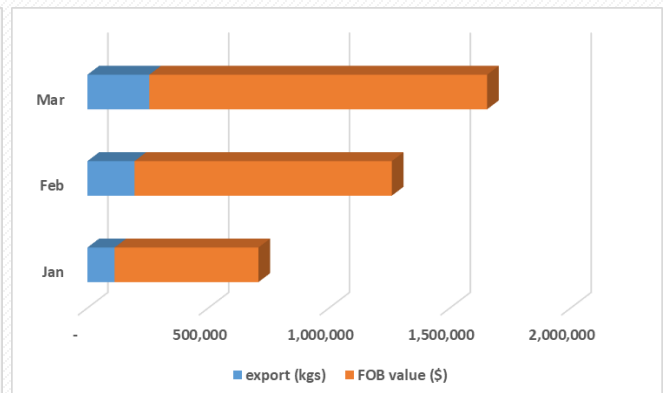


Source: Dorado - Tufman2 Report#11b Tuna catch & effort by EEZ

### TUNA PERFORMANCE, 1ST QUARTER 2019



### FOB VALUE OF TUNA EXPORT, 1ST QUARTER 2019



Source: Ministry of Fisheries Tuna exports database

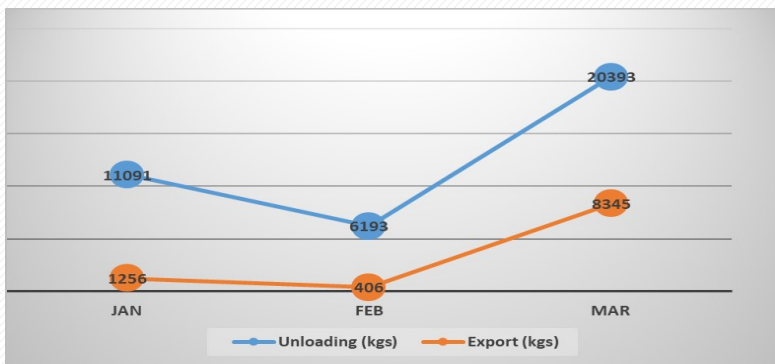
## SNAPPER FISHERY

The total quantity of snapper and grouper exported in this quarter was only 14 metric tons compared to 17mt from the same quarter of last year. This is a 21% decrease in the quantity of snapper and grouper exported during the same period last year and a 34% decrease compared to the previous quarter. Total unloaded catch of 38 metric tons was recorded in this quarter which is a decrease of 32% compared to the previous quarter.

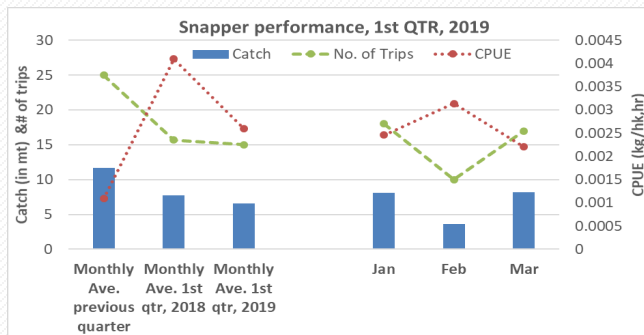
The total FOB values of snapper and grouper exported in this quarter was TOP\$0.08 million. This is a 20% decrease from the values of snapper and grouper exported in the same period last year and a 38% decrease from that exported in the previous quarter.

The total catch increase when effort increases and vice versa. This pattern show an inversely behavior in CPUE, when catch effort increase the catch rates decrease.

SNAPPER PERFORMANNCE DETAILS

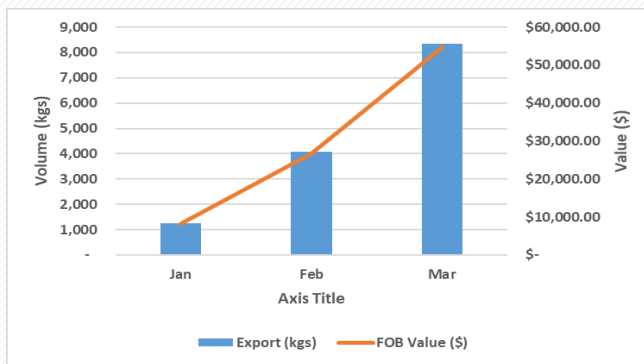


SNAPPER CATCH COMPOSITION, 1ST QUARTER 2019



Source: Dorado - Tufman2 Report#1a All species catch and effort -cpue kg/hk/hr

VALUE OF SNAPPER EXPORT, 1ST QUARTER 2019

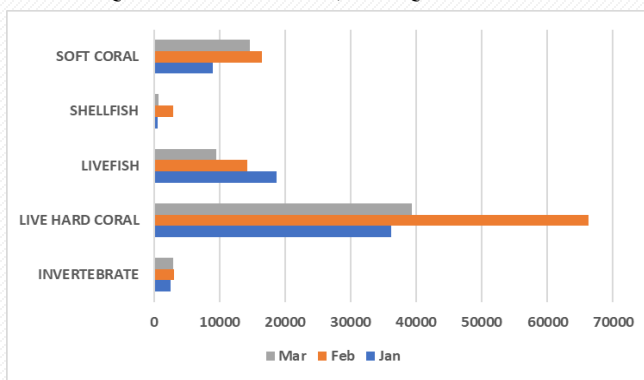


## AQUARIUM FISHERY

The total quantity of aquarium products exported in this quarter was 237,141 pieces compared to 7,311 pieces in the previous quarter. This is a 30% decrease from the same quarter last year and 25% decrease from that exported in the previous quarter. The export of aquarium product was dominated by invertebrates with 42%, followed by live hard coral with 26%, live fish with 16%, soft coral with 14%, and shellfish with 2%.

The total FOB value of the exported aquarium products in the first quarter of 2019 was TOP\$237,141 compared to TOP\$83,213 in the first quarter of last year. This is a 185% increase from exported value of the first quarter of 2018 but a decrease of 23% from previous quarter.

ACQUARIUM EXPORT, 1ST QUARTER 2019



## DOMESTIC MARKET

A survey is conducted every week in some main local fish market with a purpose to gather information based on marine resources market price and estimated volume sold in local markets. This survey includes Vava'u, Ha'apai and six main fish market in Tongatapu. For this quarter, a total of 26 metric tons of marine resources was recorded in this quarter and approximately valued at TOP\$232,338. This is a 40% decrease from the volume of marine resources recorded in the previous quarter. This is also 4% decrease compared to the same period of last year. The average price varied according to market demand for fish and cost of production, but a change in fish market price is determined by the quantity of marine products available in the market in a particular time.

Source: Ministry of Fisheries market survey database

TOTAL VOLUME OF MARINE PRODUCT BY VALUE

