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BRUNEI DARUSSALAM FISHERIES STATISTIC IN BRIEF

2021

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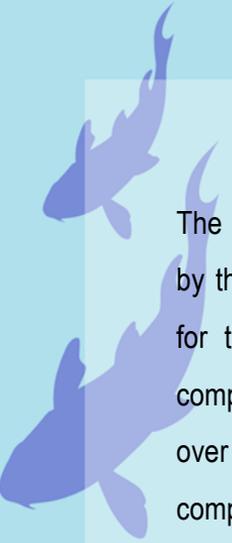
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PREFACE

The Brunei Darussalam Fisheries Statistics in brief published by the Department Of Fisheries covers key fisheries statistics for the period of 2015 to 2021. The statistics have been compiled based on the information that has been collected over the years by the Department Of Fisheries. The compilation is made possible with the support of those involved in the fisheries sector.

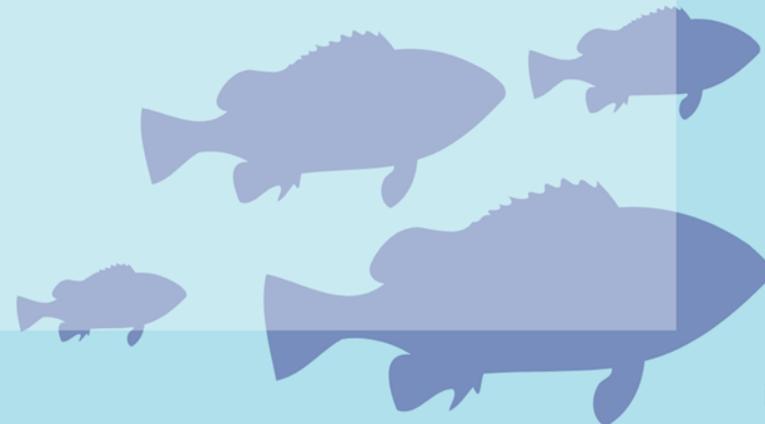
The main objective of this booklet is to disseminate up-to-date statistics of the fisheries sectors for the use of those interested with the development of the fisheries in the country. The booklet highlights annual production of the three industries of the fisheries sector namely capture fisheries, aquaculture and seafood processing in terms of value and tonnage, as well as amongst others the number of vessels in the capture fisheries sector, aquaculture site and the projected production of the fisheries sector up to the year 2025. The booklet also include brief information about the Department of Fisheries.

It is hoped that this booklet will serve as a useful guide to those requiring fisheries statistics for reference materials. Comments and suggestions are welcomed to improve the quality and usefulness for future publication.

NORAINI HAJI ANGGAS

Director of Fisheries

Ministry of Primary Resources and Tourism
Brunei Darussalam





FISHERIES AT A GLANCE

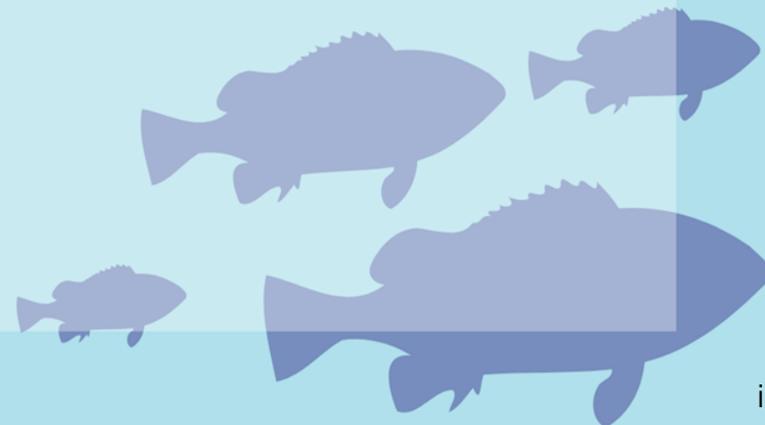
Fisheries has been identified as one of the sectors that can contribute to the diversification of the Brunei economy away from the reliance on the oil and gas industry, and thus the development of the fisheries sector is actively pursued. It is estimated that the fisheries resources is worth at least \$190.95 million, arising from the three main industries of the sector, namely capture fisheries, aquaculture and seafood processing.

Seafood has been one of the principal sources of protein for the people of Brunei Darussalam. The per capita consumption in Brunei Darussalam is one of the highest in the region which is about 47 kilograms per person, with population of 429,999 in 2021.

Self sufficiency of fish is more than 80%. To ensure maximum economic gains and at the same time to ensure the sustainability of fishes, the exploitation of the capture fisheries is only up to the “maximum economic yield” (MEY). Marine capture fisheries is developing rapidly especially after the declaration of the 200 nautical mile of Brunei Fishery Limits in 1982, with estimated value of \$112 million annual at sustainable level.

Aquaculture is another fast developing industry in the fisheries sector. Potential areas of aquaculture development have been identified and these areas would be developed with the provision of essential basic infrastructure and amenities such as road, electricity, potable water and water supply.

The seafood processing industry has been developing steadily, and with the attainment of HACCP Certification, processed seafood products such as frozen shrimp have been able to penetrate export market such as Japan, USA, Korea, Singapore, China to name a few. It is anticipated that with the increase in population, demand for fisheries products will increase and with the current liberalization of trade, opportunities for export are always available.



DEPARTMENT OF FISHERIES IN BRIEF

The Department is structured to reflect and emphasize the thrust of accelerating development of the fisheries industry in line with the aspiration of the country to diversify the economy, as well as to fulfill the mandated roles and functions and to be dynamic and responsive poised to face continuing challenges.

The strategic objectives of the Department of Fisheries are:-



To continuously increase the growth of fisheries sector output for GDP growth, exports and economic diversification



Creating local investment and business opportunities to generate jobs for the local people

Continuously increase the productivity of fisheries sector products through the use of technology, modern techniques and the involvement of local investments & FDI



Prevention and surveillance to protect the fisheries sector from any outbreak any infection of diseases



Reduce the dependence of import of fishery-based food items; increase the import of fishery based raw materials



Sustainable conservation of fishery resources to ensure sustainable fisheries output

Reduce reliance on Government expenditure in implementing strategies & programmes through methods such as Public Private Partnership (PPP)



Ensure that fisheries sectors products are of high quality and safe to consume

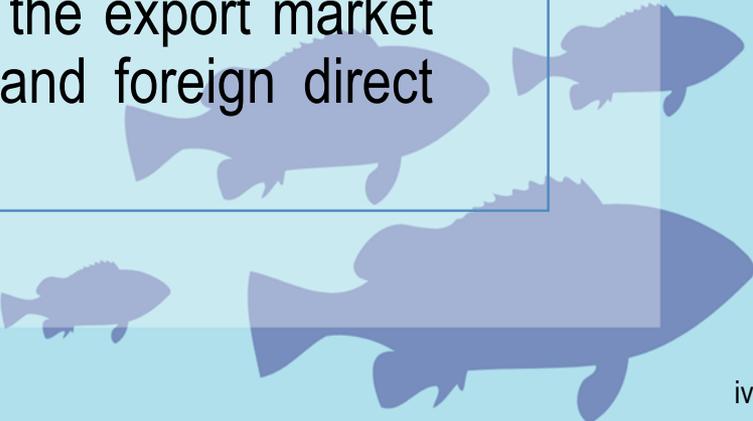




VISION

- Towards sustainable growth of the output of fisheries sector through increase in productivity and export-oriented

MISSION

- Accelerate growth of fisheries sector output through the use of high technology, increase in productivity as well as targeting the export market by increasing local investment and foreign direct investment
- 

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FISHERIES SECTOR



FISHERIES SECTOR ACHIEVEMENT 2021



CAPTURE FISHERIES

15,295.68 MT
B\$109.53 Million



AQUACULTURE

4,771.72 MT
B\$44.90 Million



SEAFOOD PROCESSING

4,218.54 MT
B\$36.51 Million

Total Production of Fisheries Sector
24,285.93 MT | B\$ 190.95 Million

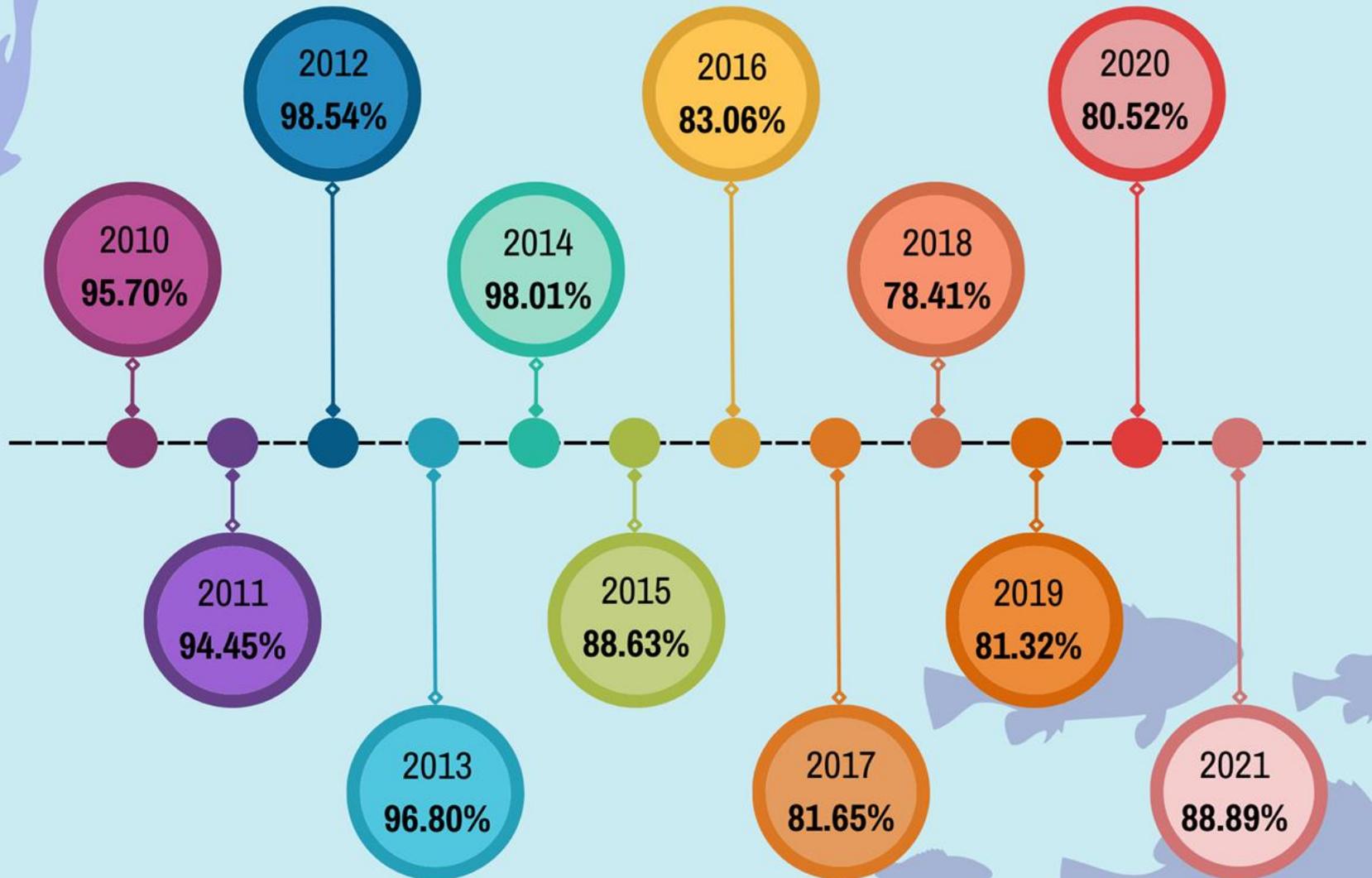
7,948.71 MT
B\$ 41.22 Million

IMPORT

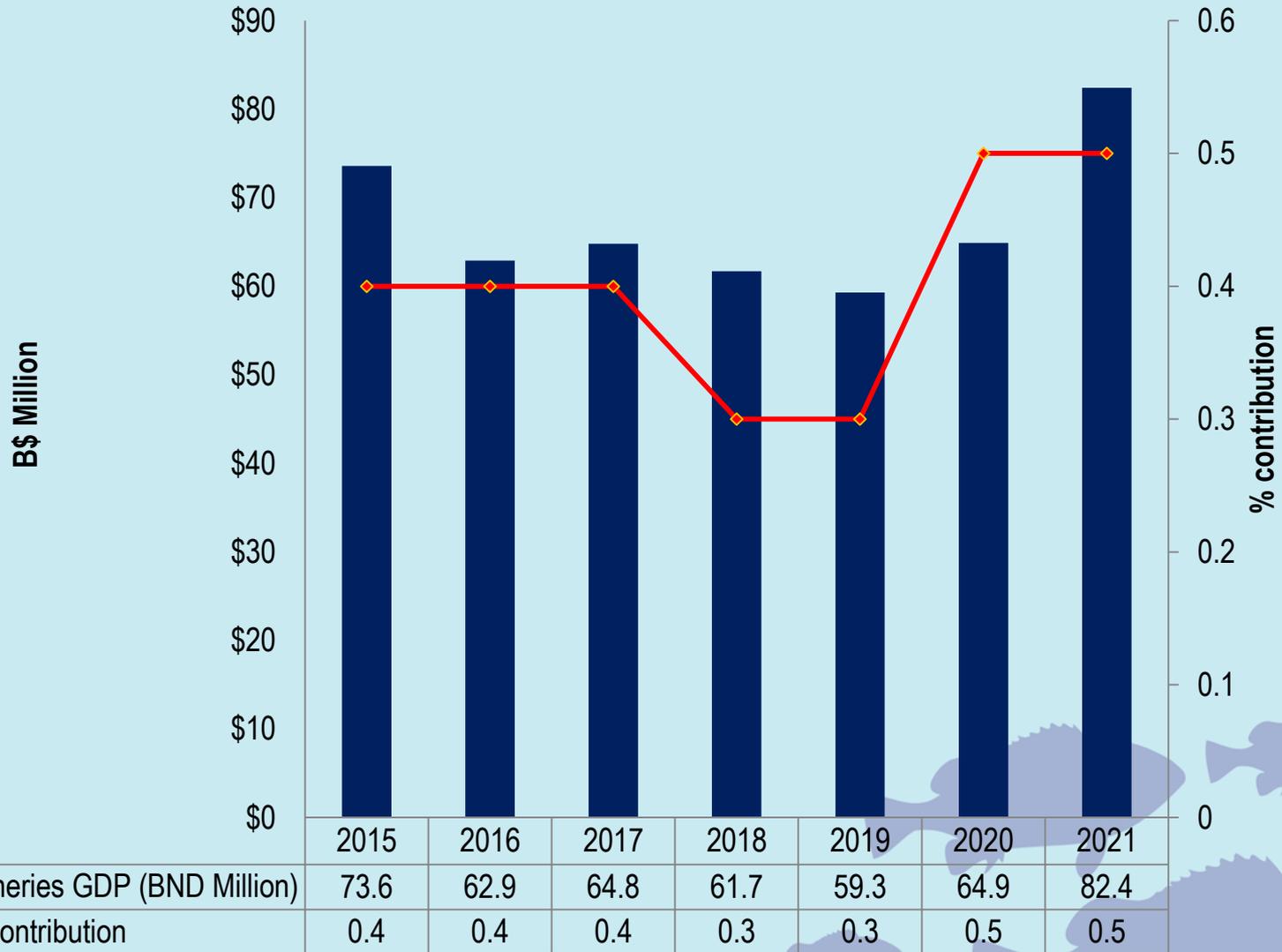
EXPORT

5,549.59 MT
B\$ 46.67 Million

SELF-SUFFICIENCY RATE 2010-2021

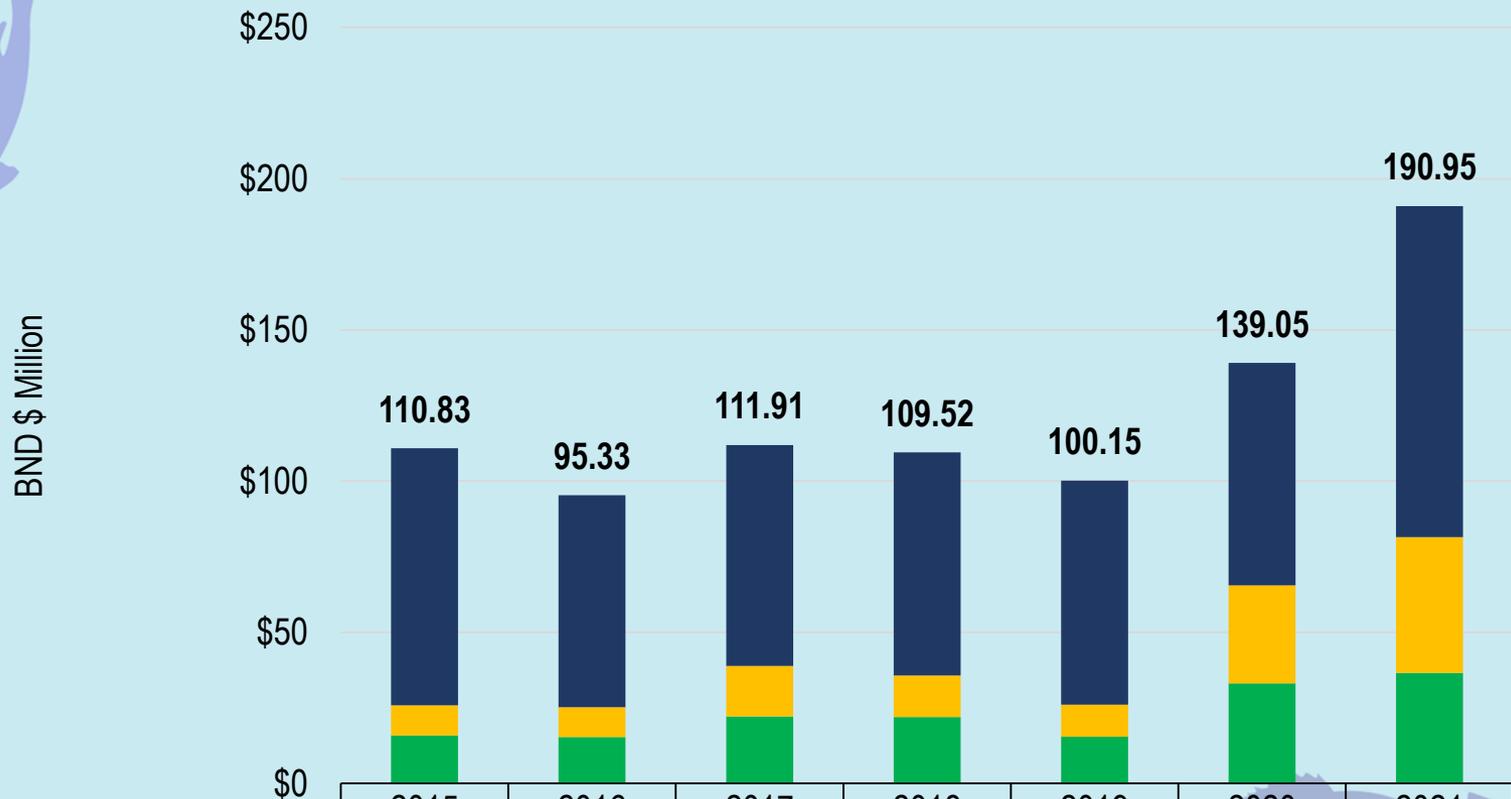


FISHERIES SECTOR GDP CONTRIBUTION 2015-2021



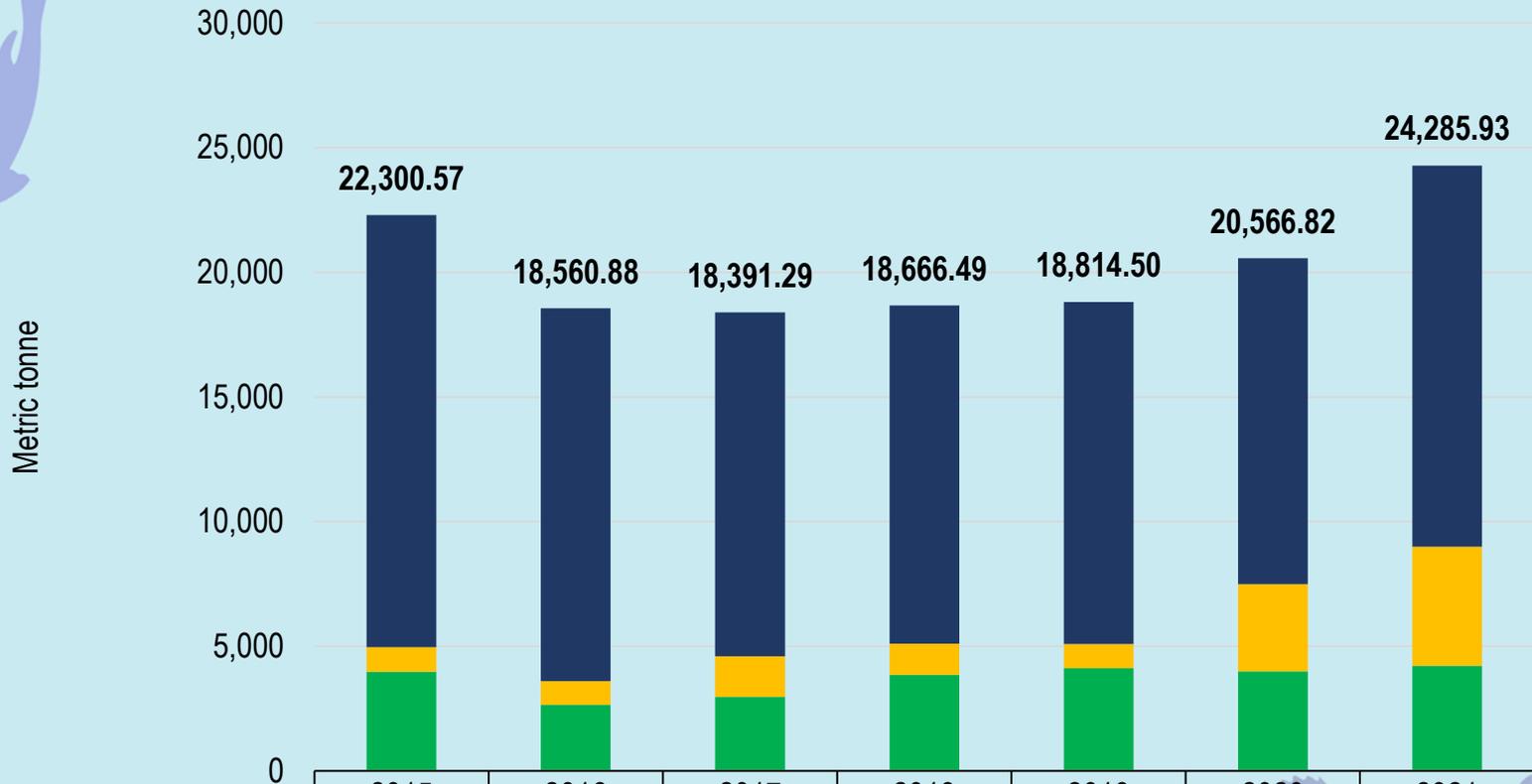
Source: Department of Economic Planning and Statistics

FISHERIES SECTOR PRODUCTION VALUE 2015-2021



	2015	2016	2017	2018	2019	2020	2021
■ Capture Fisheries	84.98	70.11	73.04	73.81	74.07	73.59	109.53
■ Aquaculture	10.00	9.89	16.7	13.77	10.64	32.35	44.90
■ Seafood Processing	15.85	15.33	22.17	21.94	15.44	33.11	36.52
Total	110.83	95.33	111.91	109.52	100.15	139.05	190.95

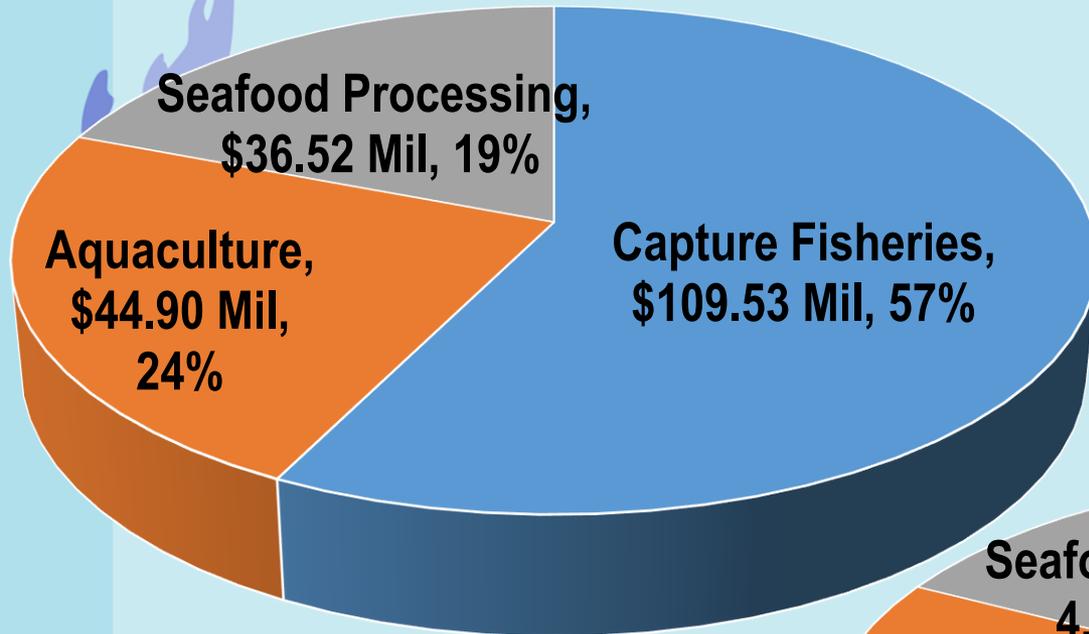
FISHERIES SECTOR PRODUCTION QUANTITY 2015-2021



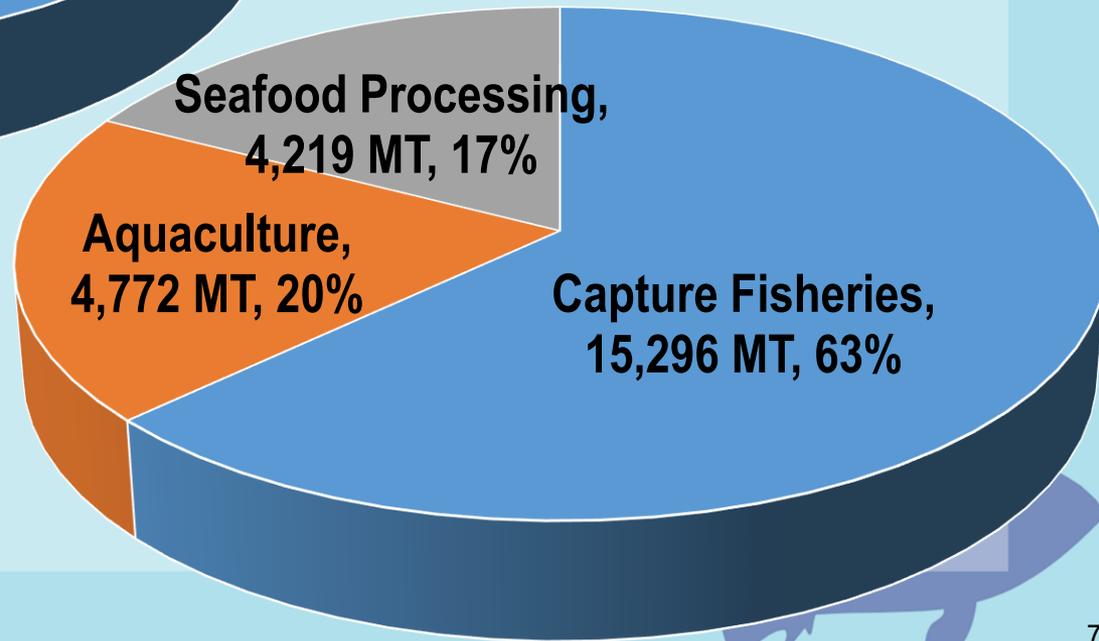
	2015	2016	2017	2018	2019	2020	2021
■ Capture Fisheries	17,333.35	14,966.12	13,795.64	13,565.63	13,724.58	13,073.75	15,295.68
■ Aquaculture	983.57	948.86	1,632.18	1,248.25	973.99	3,501.38	4,771.72
■ Seafood Processing	3,983.66	2,645.90	2,963.48	3,852.61	4,115.93	3,991.70	4,218.54
Total	22,300.57	18,560.88	18,391.29	18,666.49	18,814.50	20,566.82	24,285.93

FISHERIES SECTOR PRODUCTION 2021

Value (\$190.95 million)



Quantity (24,286 metric tonne)





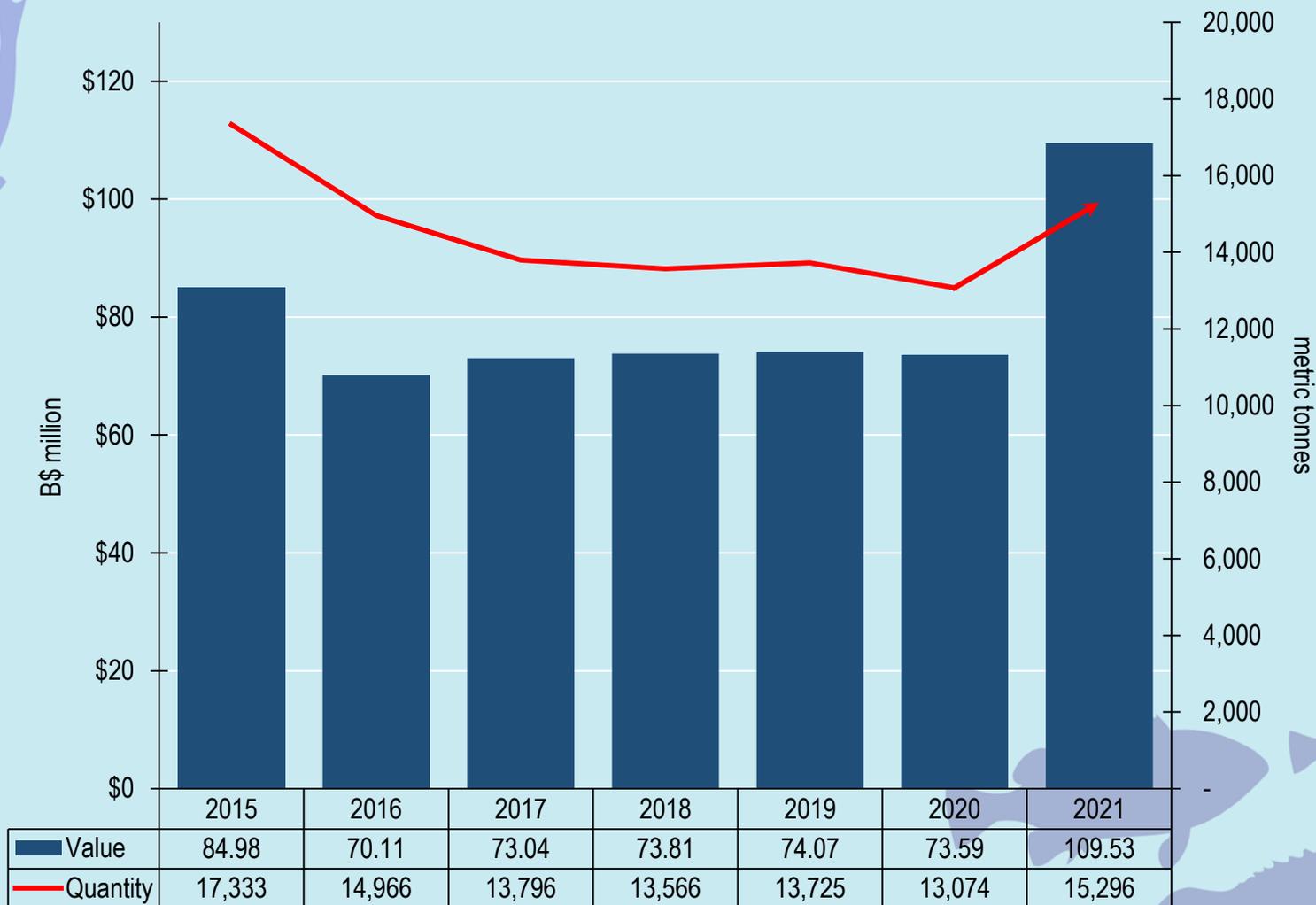
Capture Fisheries Industry



FISHERIES ZONE

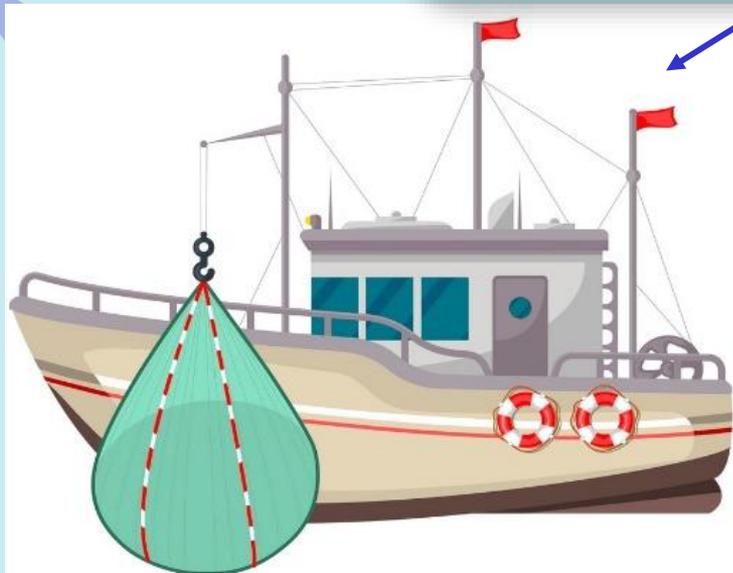
Zone	Nautical miles	Type of fishing vessel permitted
1	0 – 3	small scale fishermen with outboard engine
2	3 – 20	small scale fishermen and commercial vessel such as trawler, purse seiner and vessels using fish trap and long-lines
3	20 – 45	small scale fishermen and commercial vessel such as trawler, purse seiner and vessels using fish trap and long-lines
4	45 – 200	large vessels using tuna long-lines and tuna purse-seiners

CAPTURE FISHERIES INDUSTRY PRODUCTION 2015 – 2021

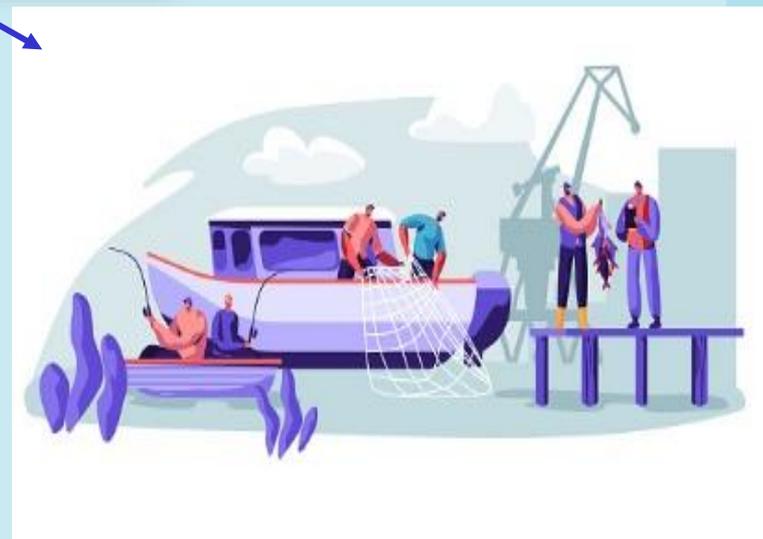


CAPTURE FISHERIES INDUSTRY PRODUCTION 2021

15,295.68 MT
B\$ 109.53 Million



Commercial fisheries
3,114.94 MT
B\$ 11.12 Million



Small-scale fisheries
12,180.74 MT
B\$ 98.42 Million

CAPTURE FISHERIES INDUSTRY PRODUCTION 2021

Value (\$109.53 Million)

**Commercial fisheries,
\$11.12 Mil, 10%**

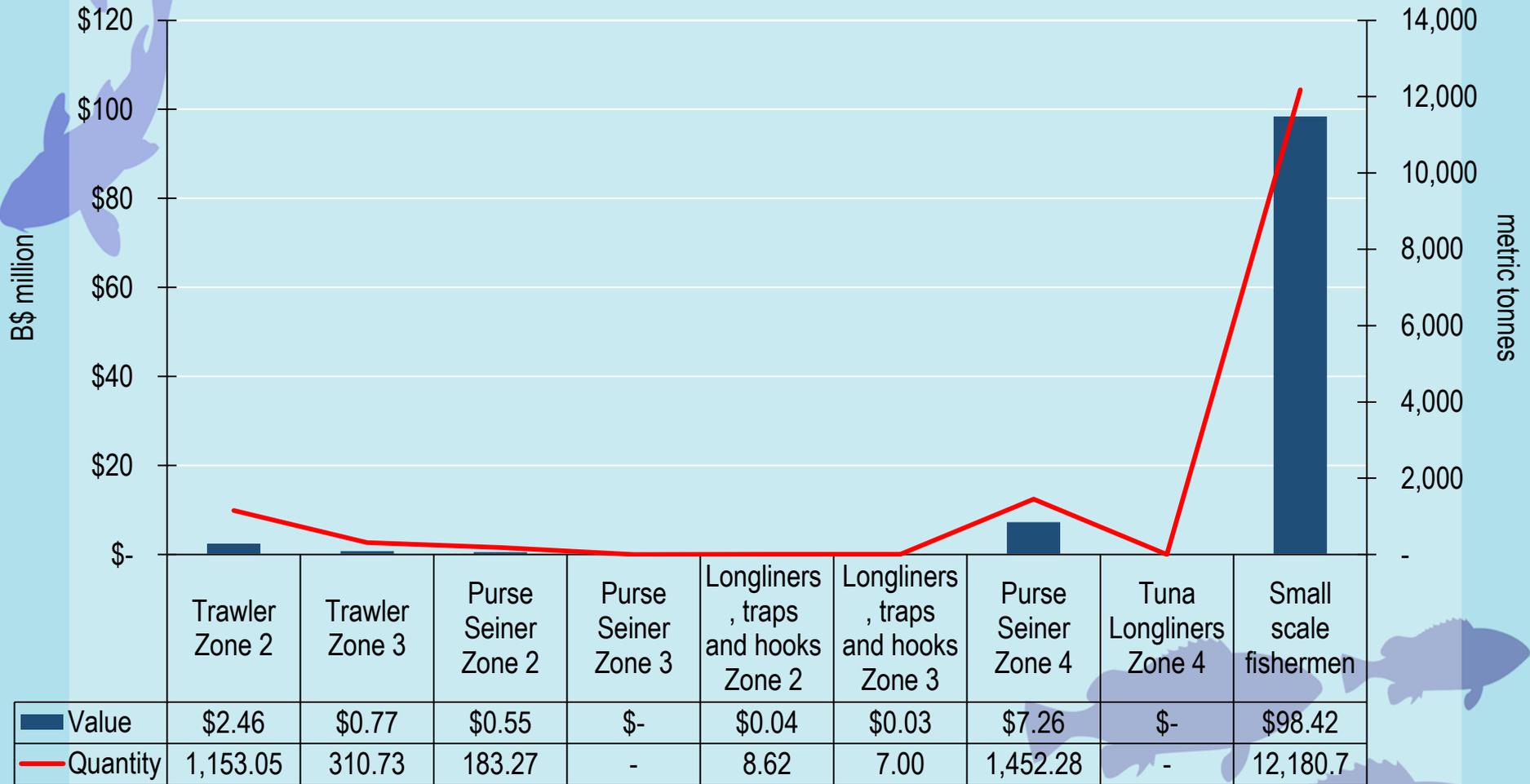
**Small scale fisheries,
\$98.42 Mil, 90%**

Quantity (15,296 Metric Tonne)

**Commercial fisheries,
3,114.94 MT, 20%**

**Small scale fisheries,
12,180.73 MT, 80%**

CAPTURE FISHERIES INDUSTRY PRODUCTION 2021 (FISHING GEAR)

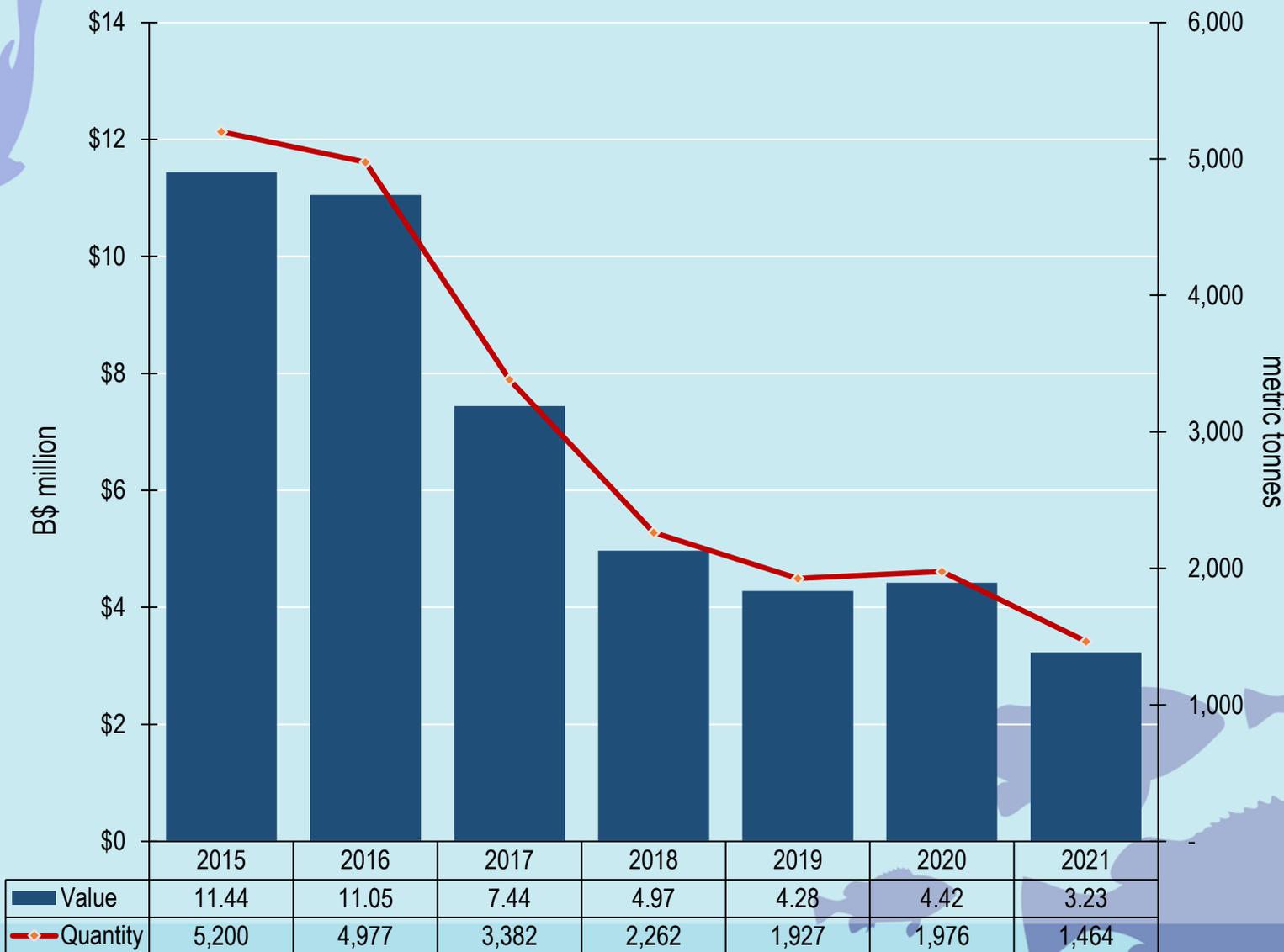


Total production	
\$109.53 million	15,295.68 mt

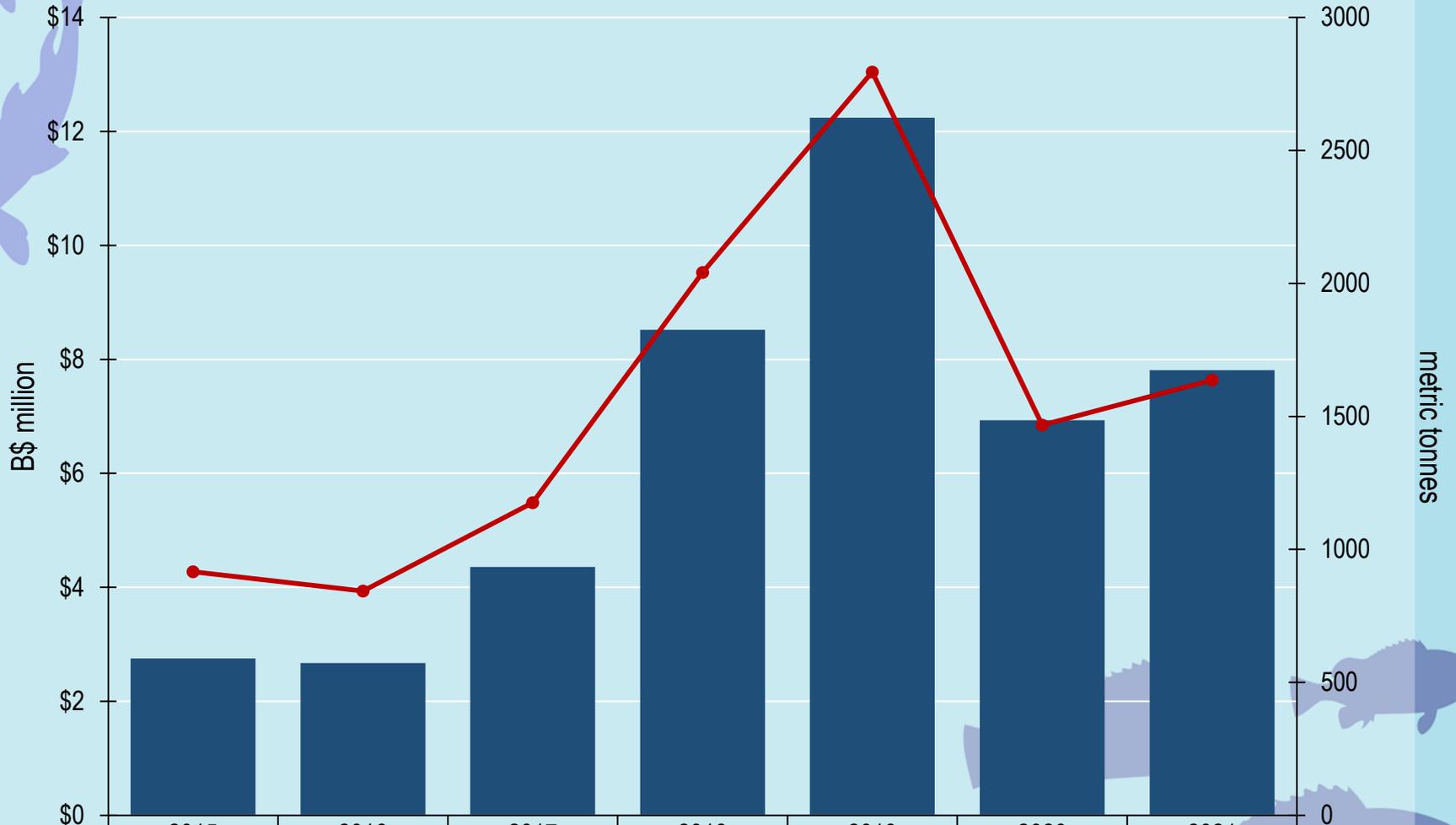
COMMERCIAL FISHERIES PRODUCTION 2021 (ZONATION)

Zone	Metric Tonne	\$ Million
2	1,344.95	3.05
3	317.72	0.80
4	1,452.28	7.26
Total	3,114.94	11.12

TRAWLERS PRODUCTION 2015-2021

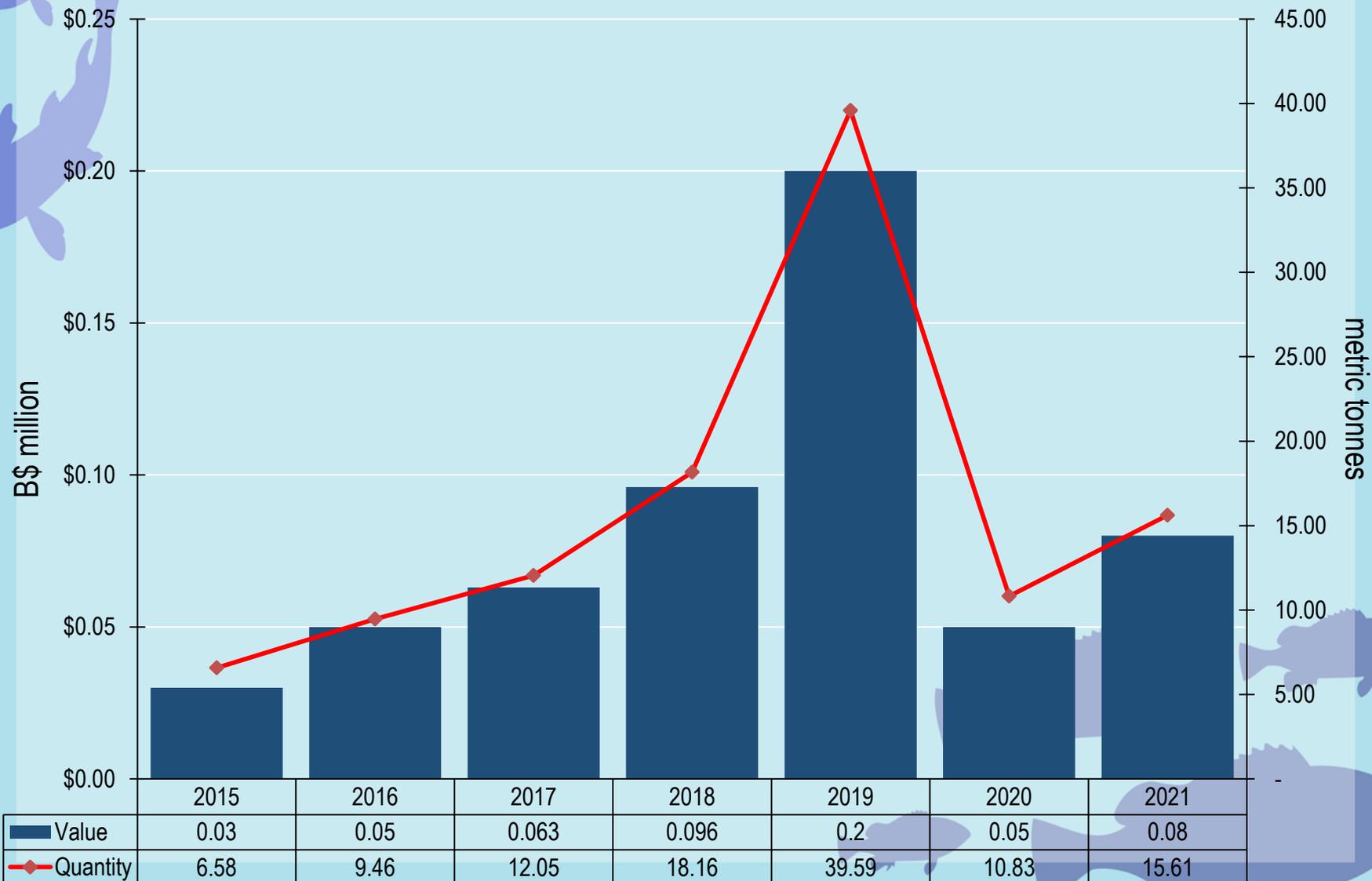


PURSE SEINERS PRODUCTION 2015-2021

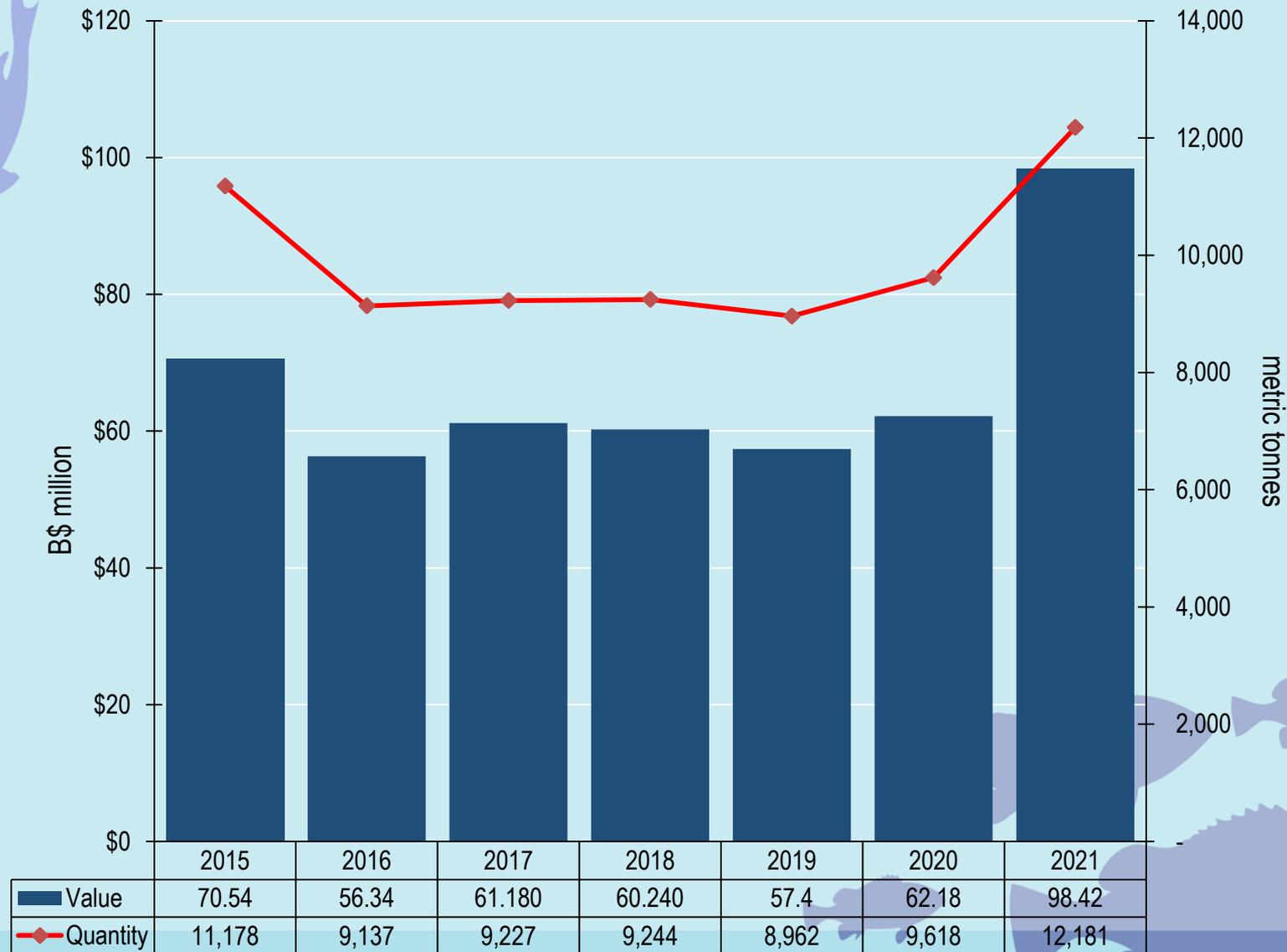


Value	2.75	2.67	4.36	8.52	12.24	6.93	7.81
Quantity	916	843	1,175	2,041	2,795	1,467	1,636

LOGLINERS PRODUCTION 2015-2021



SMALL-SCALE FISHERMEN PRODUCTION 2015 – 2021



NUMBER OF SMALL-SCALE FISHERMEN 2015-2021



	2015	2016	2017	2018	2019	2020	2021
Full time	986	921	905	935	704	737	828
Part time	1,359	1,127	1,020	1,040	941	1,106	1,235
Total	2,345	2,048	1,925	1,975	1,645	1,843	2,063

NUMBER OF SMALL-SCALE FISHERMEN (DISTRICT)

YEAR	2015	2016	2017	2018	2019	2020	2021
Total	2,345	2,048	1,925	1,975	1,645	1,843	2,063
Brunei-Muara	1,447	1,303	1,255	1,271	1,062	1,212	1,344
Tutong	255	226	205	239	167	180	235
Belait	268	224	216	227	218	223	189
Temburong	375	295	249	238	198	228	295



Aquaculture Industry



AQUACULTURE INDUSTRY PRODUCTION 2021

MARINE SHRIMP



- 4,481.24 MT
- B\$38.03 Million

MARINE FISH



- 271.18 Mt
- B\$3.05 Million

FRESHWATER FISH



- 17.94 MT
- B\$0.13 Million

CRAB



- 1.35 MT
- B\$0.02 Million

FISH FRY



- 0.94 million pieces
- B\$0.69 Million

SHRIMP FRY



- 186.77 million pieces
- B\$2.99 Million

TOTAL
4,771.72 MT
B\$ 44.90 Million

AQUACULTURE INDUSTRY PRODUCTION 2021

Value (\$44.90 Million)

Freshwater fish, \$0.13 Mil, 0.29%

Crab, \$0.02 Mil, 0.04%

Shrimp fry, \$2.99 Mil, 6.66%

Fish fry, \$0.69 Mil, 1.54%

Marine fish, \$3.05 Mil, 6.79%

Marine shrimp, \$38.03 Mil, 85%

Quantity (4,772 Metric tonne)

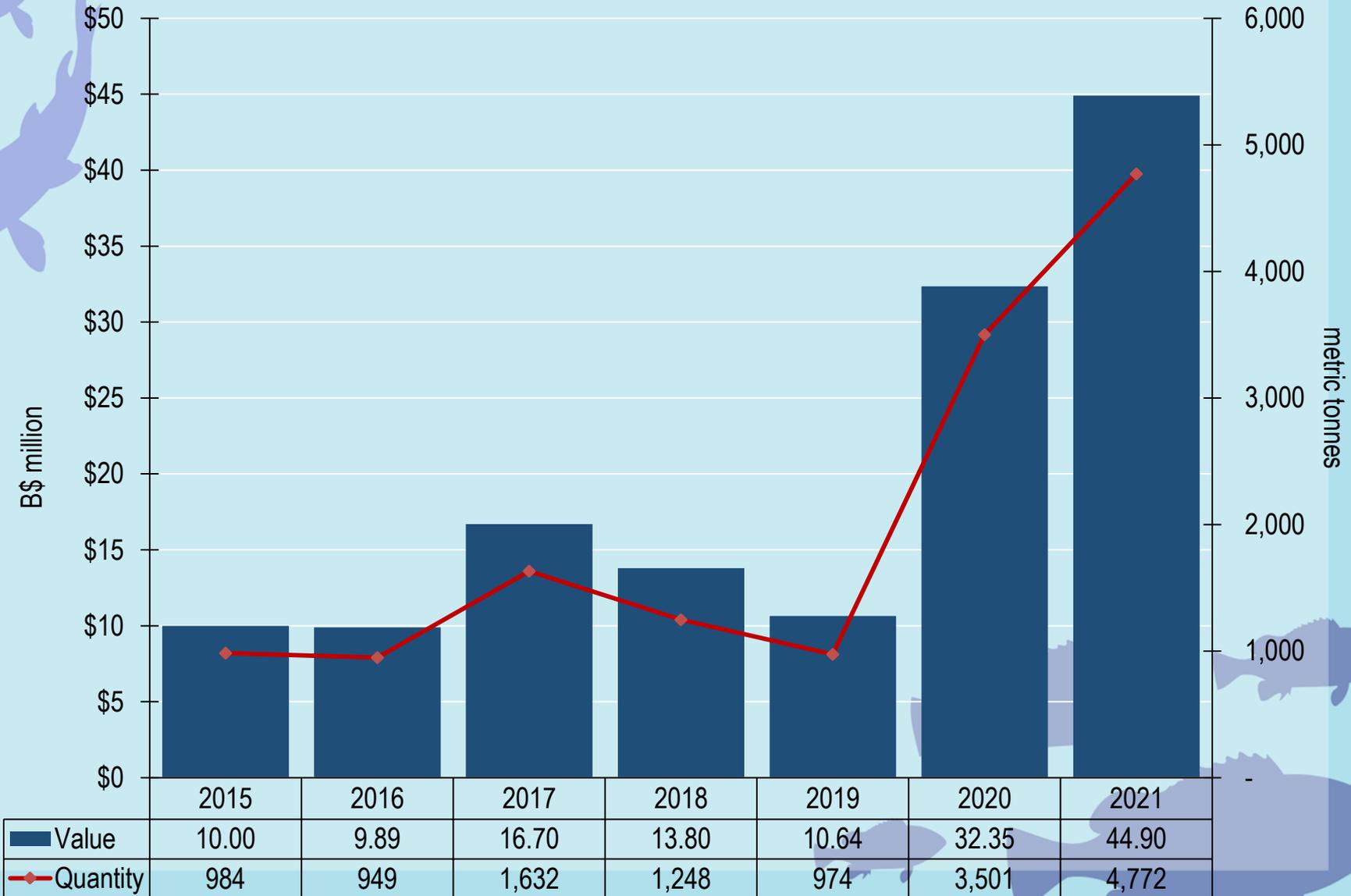
Freshwater fish, 17.94 MT, 0.38%

Marine fish, 271.18 MT, 5.68%

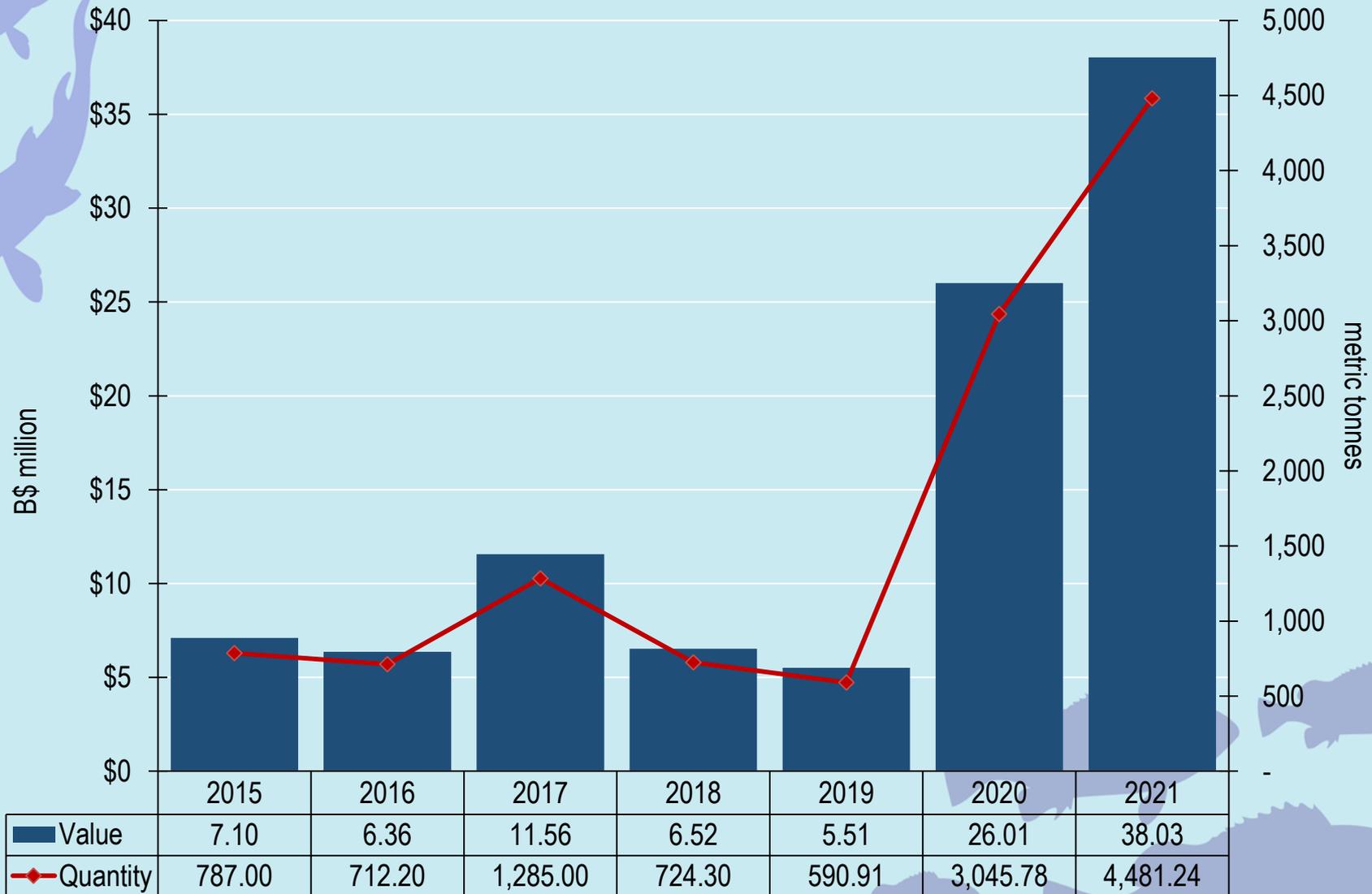
Crab, 1.35 MT, 0.03%

Marine shrimp, 4,481.24 MT, 94%

AQUACULTURE INDUSTRY PRODUCTION 2015-2021



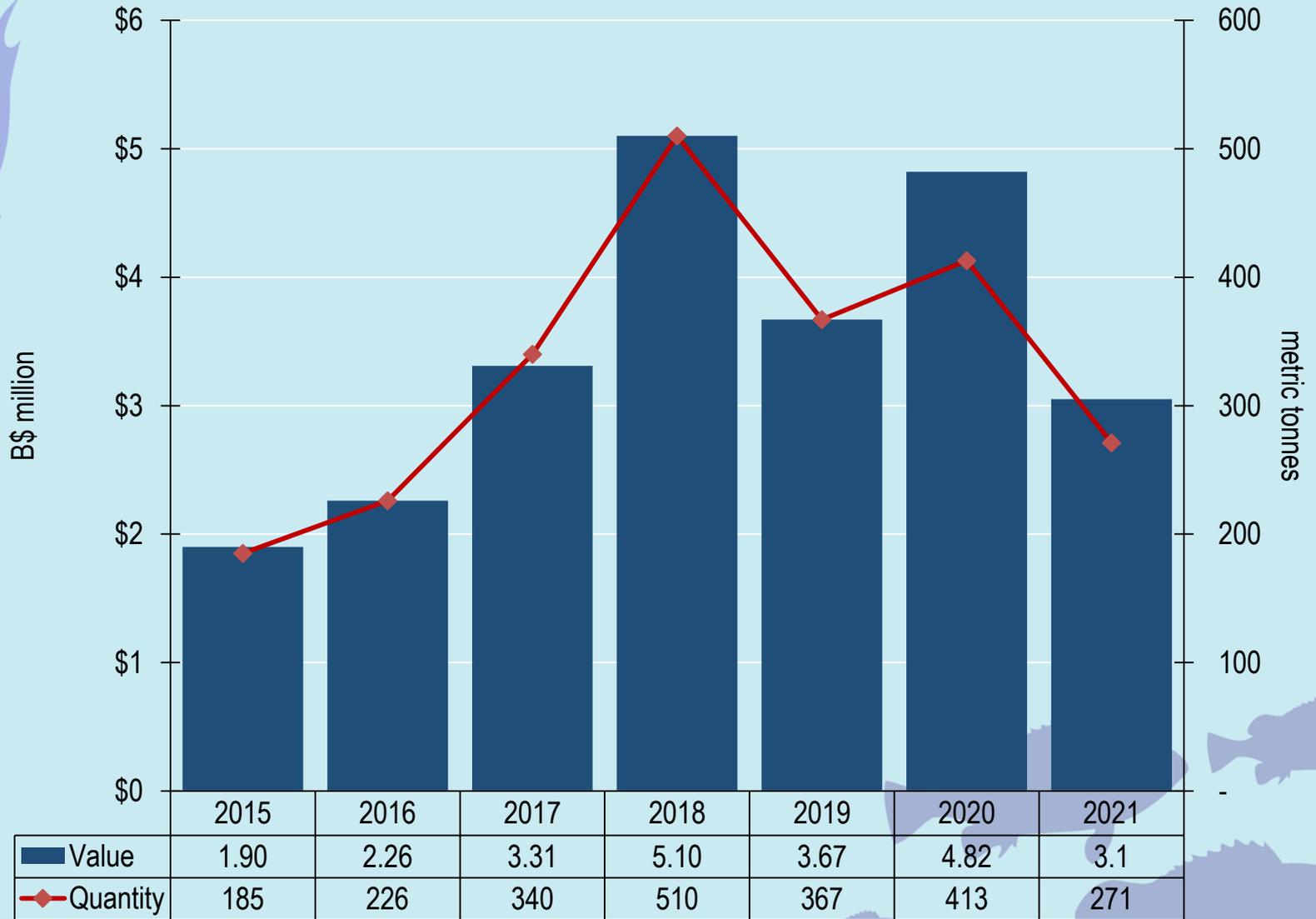
MARINE SHRIMP PRODUCTION 2015-2021



MARINE SHRIMP PRODUCTION 2021 (SITE)

Site	Metric Tonne	\$ Million
Pangkalan Sibabau phase I	85.37	0.78
Pangkalan Sibabau phase II	257.71	2.51
Kg Keramut	401.26	3.50
Sg Paku	426.39	3.61
Sg Penyatang	3,271.75	27.17
Serasa	38.78	0.46
Total	4,481.24	38.03

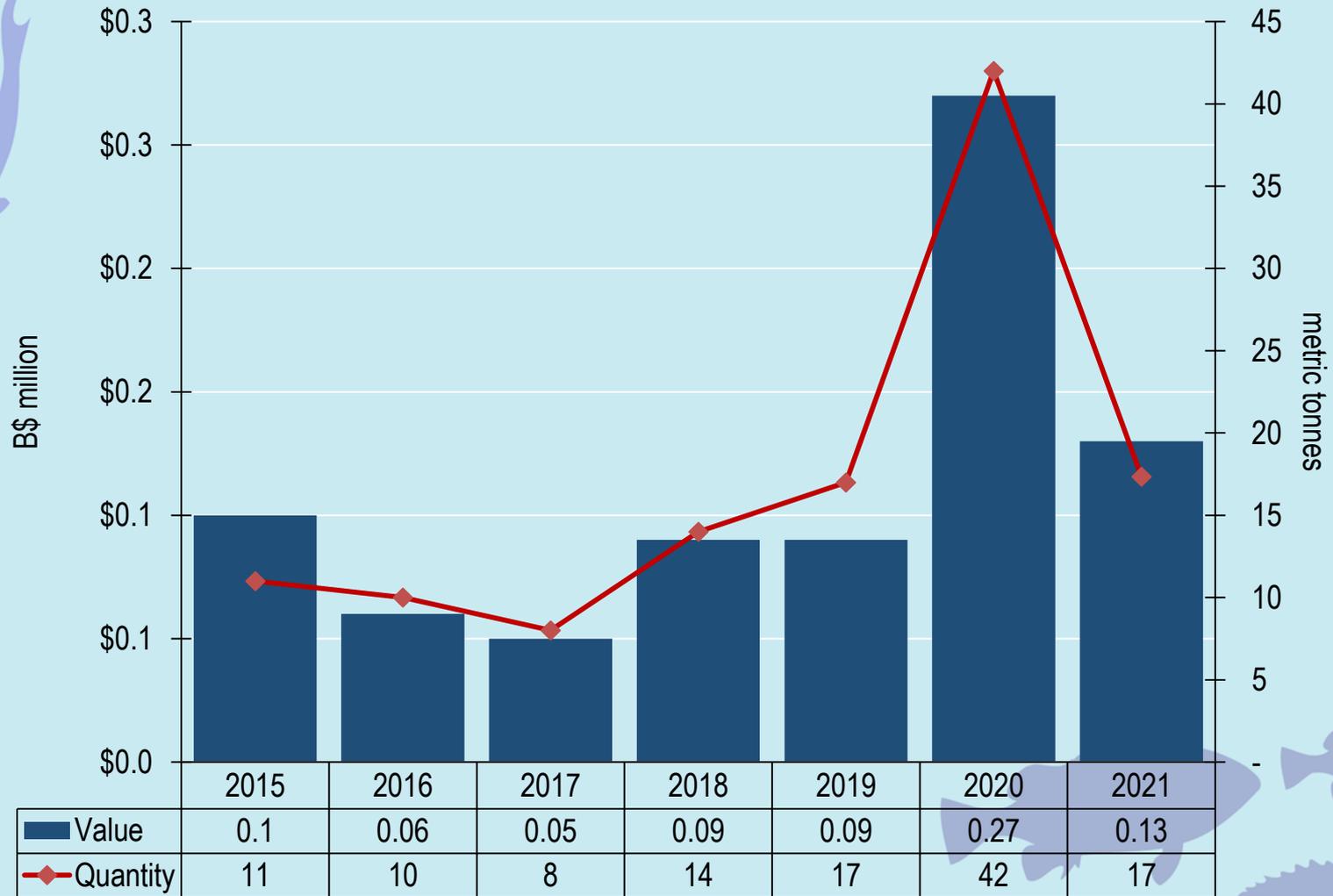
MARINE FISH PRODUCTION 2015 – 2021



MARINE FISH PRODUCTION 2021 (SITE)

Site	Metric Tonne	\$ Million
Tg Pelumpong	144.52	1.76
Pulau Kaingaran	57.15	0.60
Buang Tawar	1.23	0.1
Sg Dua	1.33	0.01
Pilong-Pilongan	10.83	0.11
Sg Bunga	56.12	0.56
Total	271.18	3.05

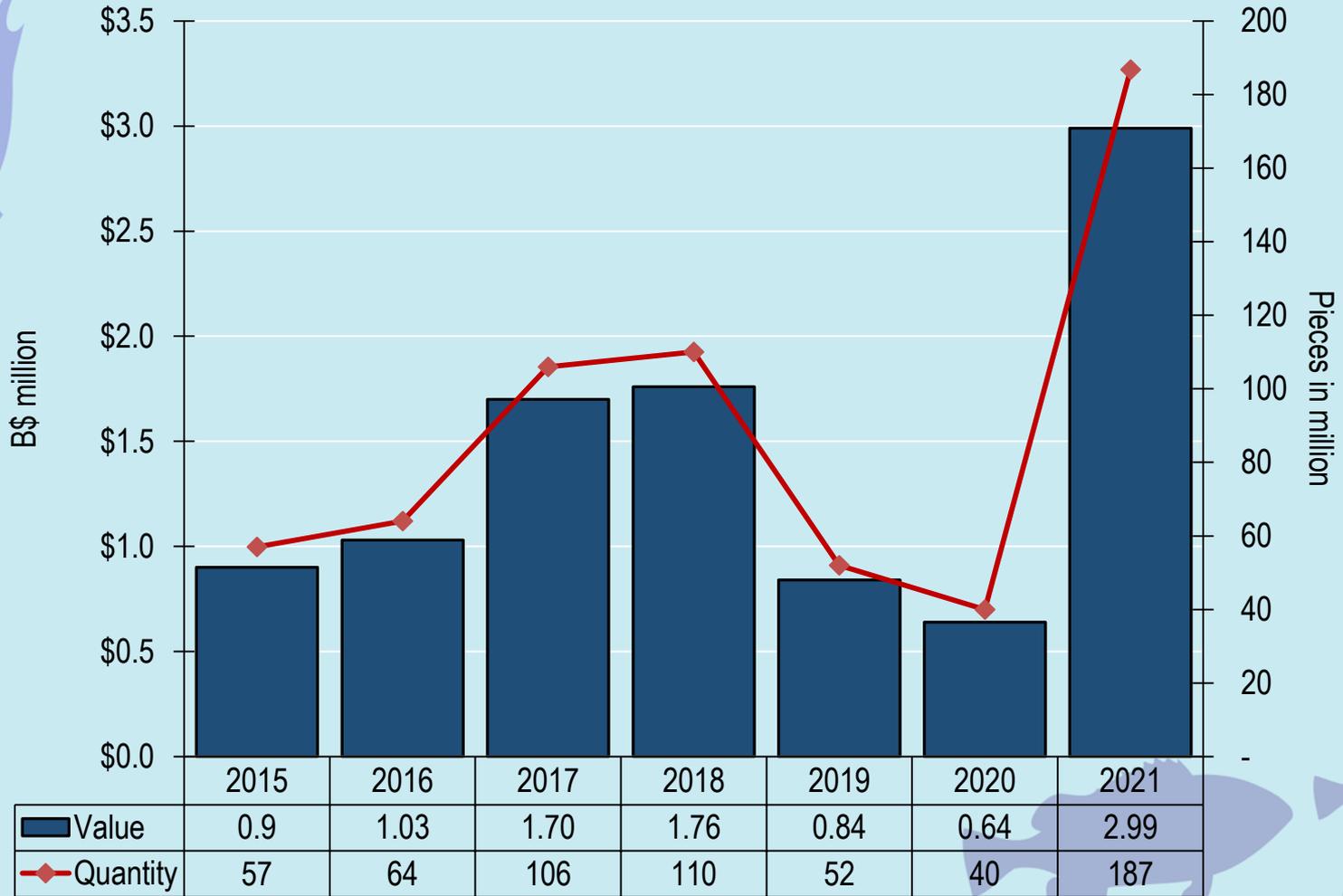
FRESHWATER FISH PRODUCTION 2015 – 2021



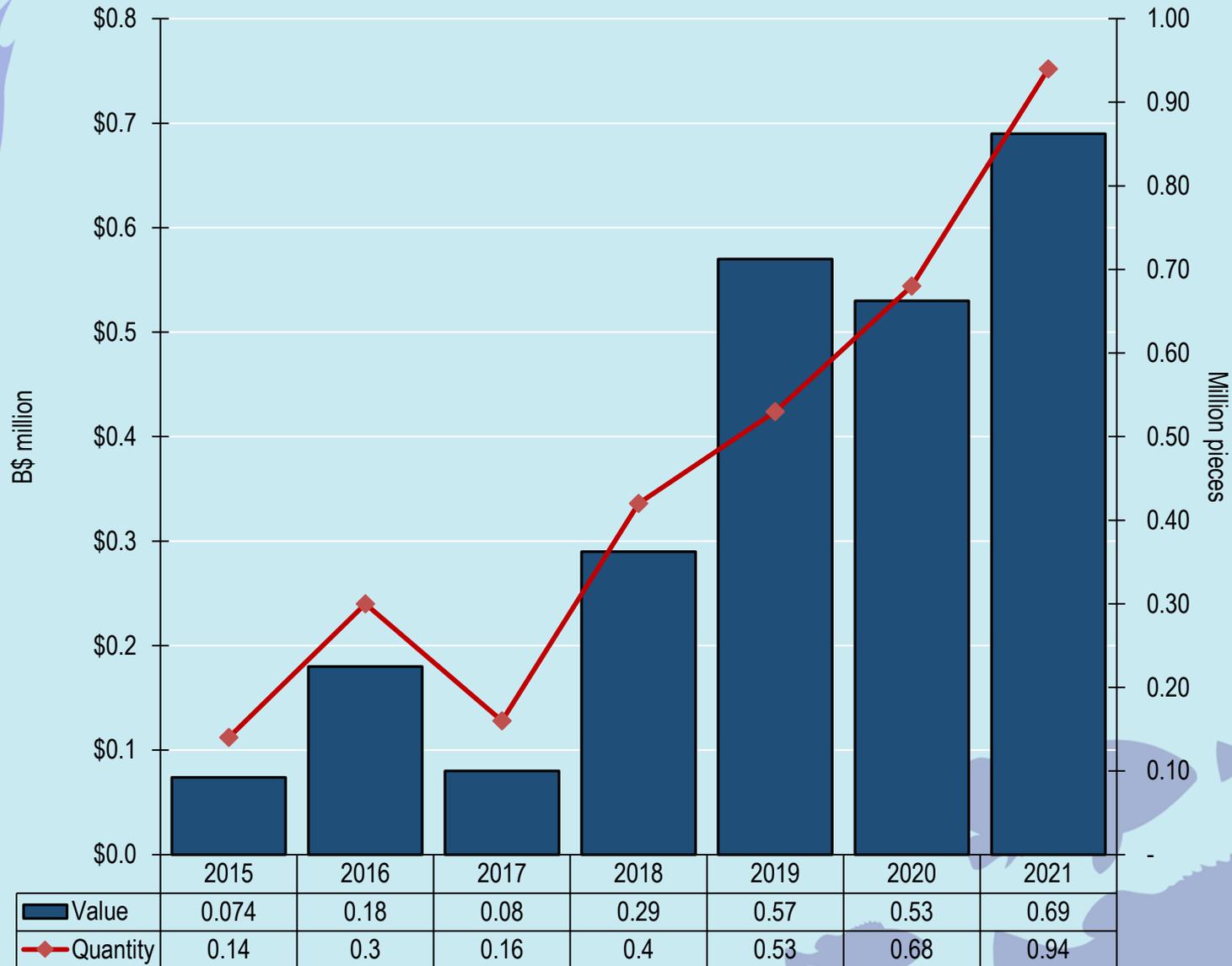
FRESHWATER FISH PRODUCTION 2021 (DISTRICT)

District	Metric Tonne	\$ Million
Brunei-Muara	10.67	0.10
Tutong	6.47	0.03
Belait	0.17	0.002
Temburong	0.62	0.004
Total	17.94	0.13

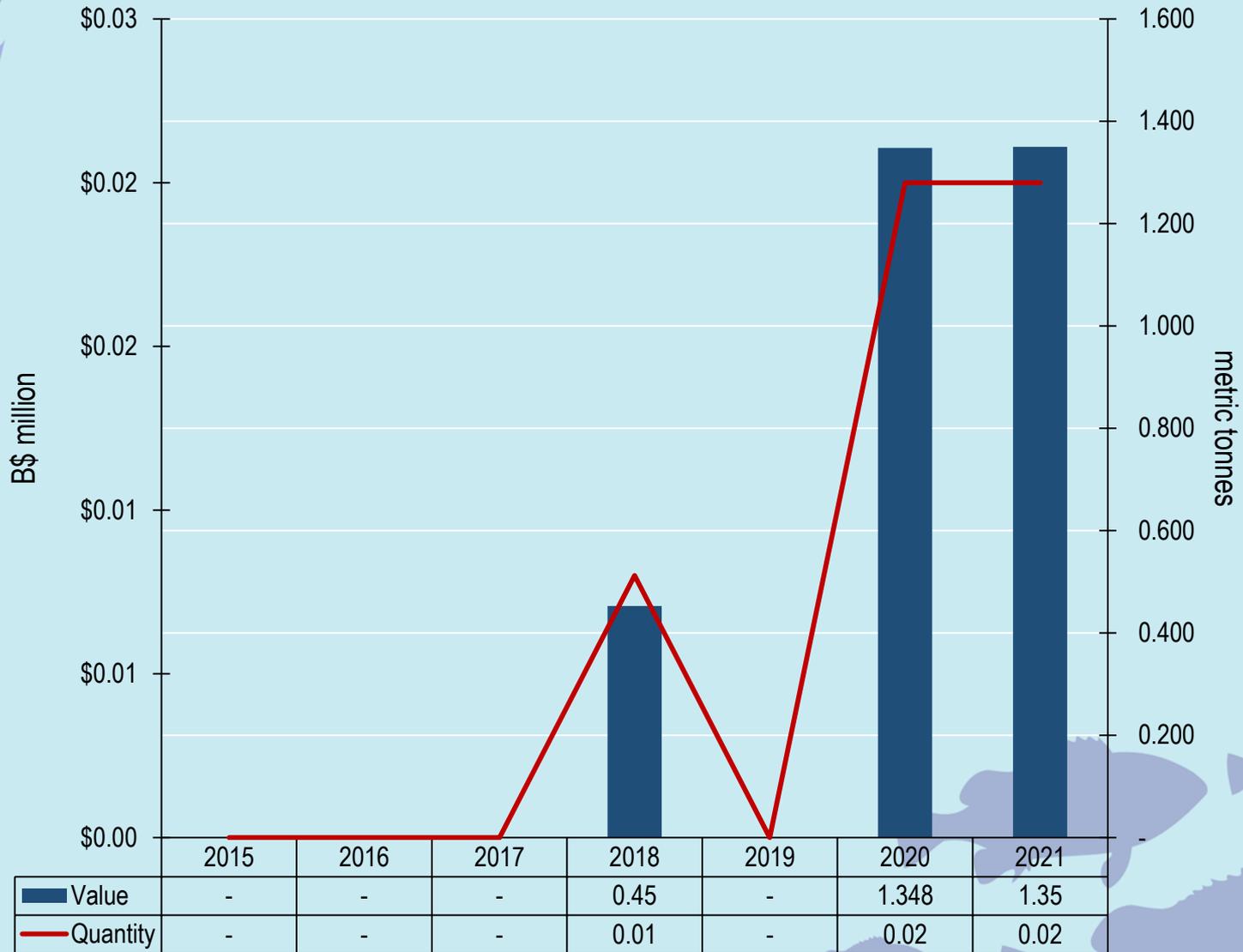
MARINE SHRIMP FRY PRODUCTION 2015-2021



FISH FRY PRODUCTION 2015-2021



CRAB PRODUCTION 2015-2021





Seafood Processing Industry



SEAFOOD PROCESSING INDUSTRY PRODUCTION 2021

TOTAL PRODUCTION
4,218.54 MT | B\$ 36.52 Million



**FROZEN
SEAFOOD**

**3,792.97 MT
32.98 million**



**SEAFOOD
CRACKERS**

**33.07 MT
B\$ 0.64 million**



**VALUE ADDED
PRODUCTS**

**108.16 MT
B\$ 0.84 million**



**OTHER
PROCESSED
PRODUCTS**

**266.36 MT
B\$ 1.80 million**

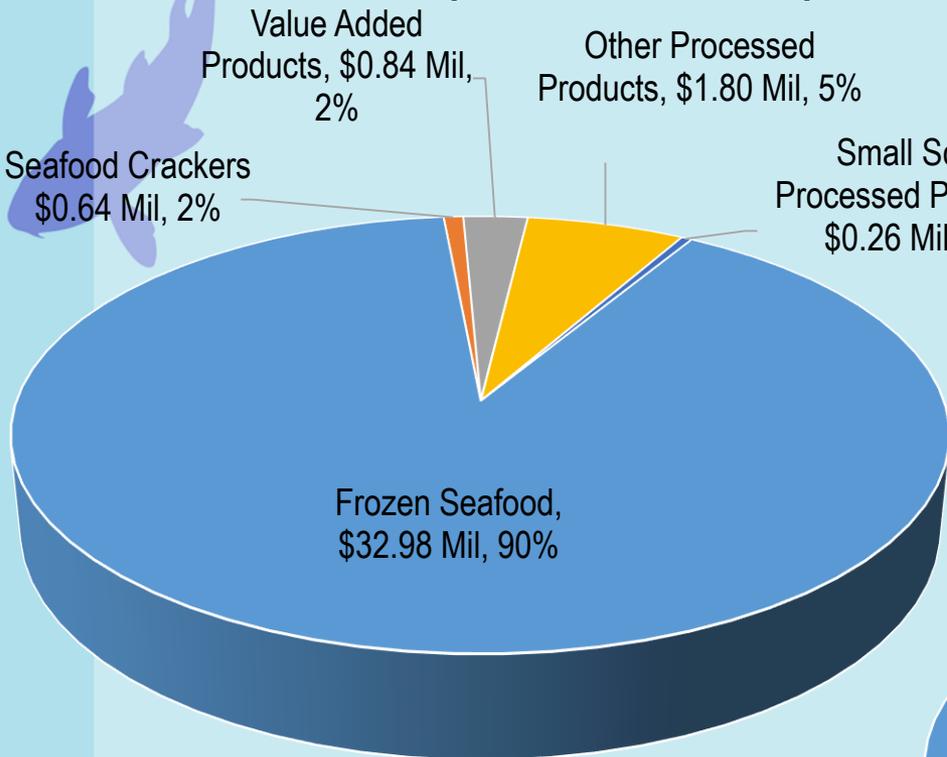


**SMALL SCALE
PROCESSED
PRODUCTS**

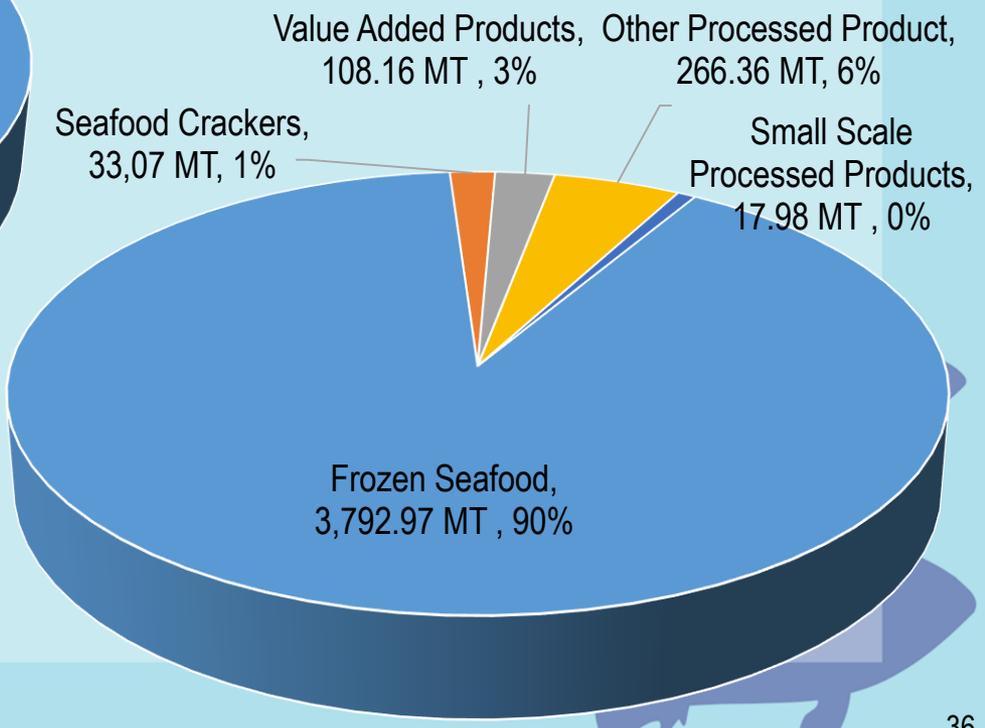
**17.98 MT
B\$ 0.26 million**

SEAFOOD PROCESSING INDUSTRY PRODUCTION 2021

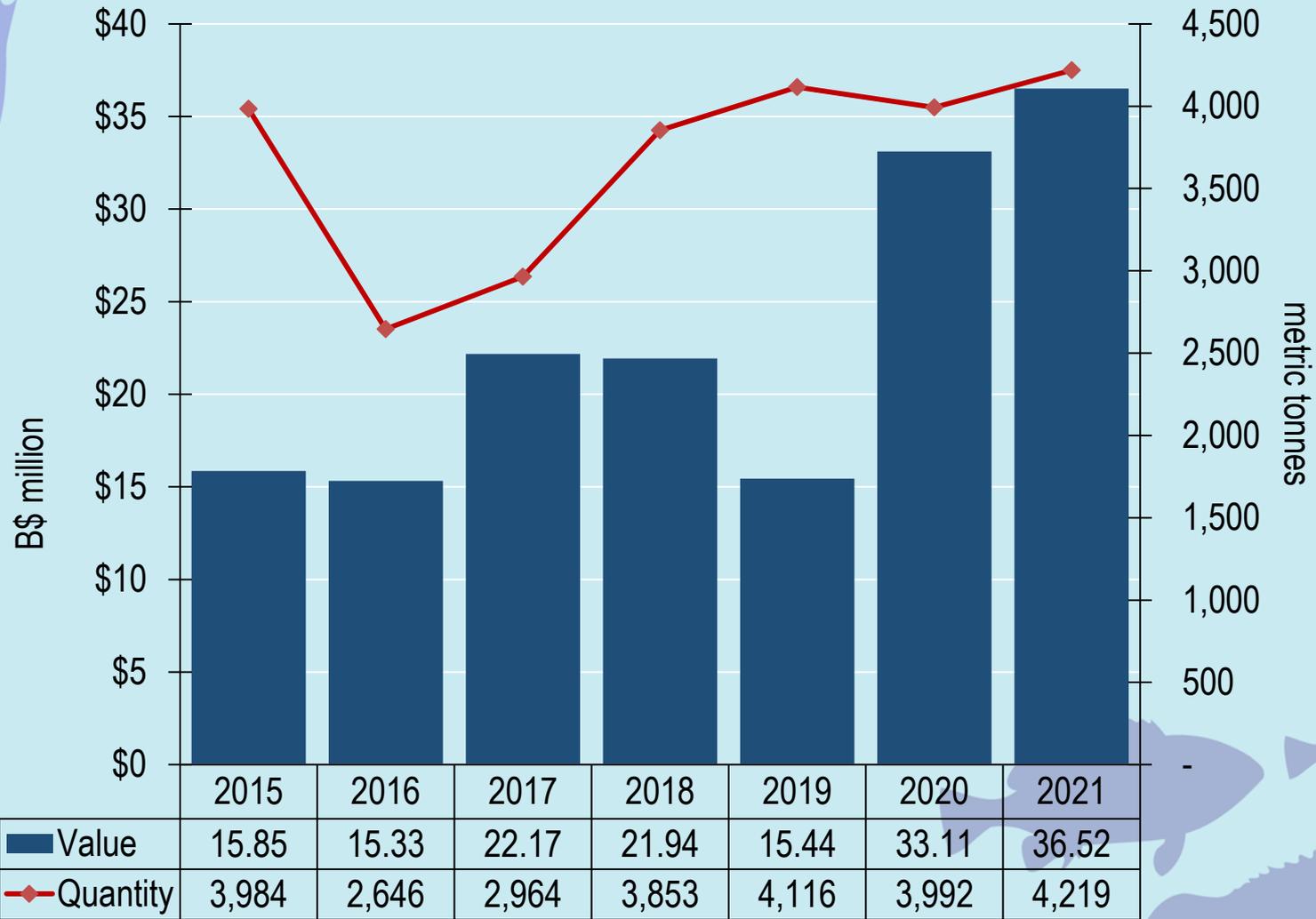
Value (\$36.52 Million)



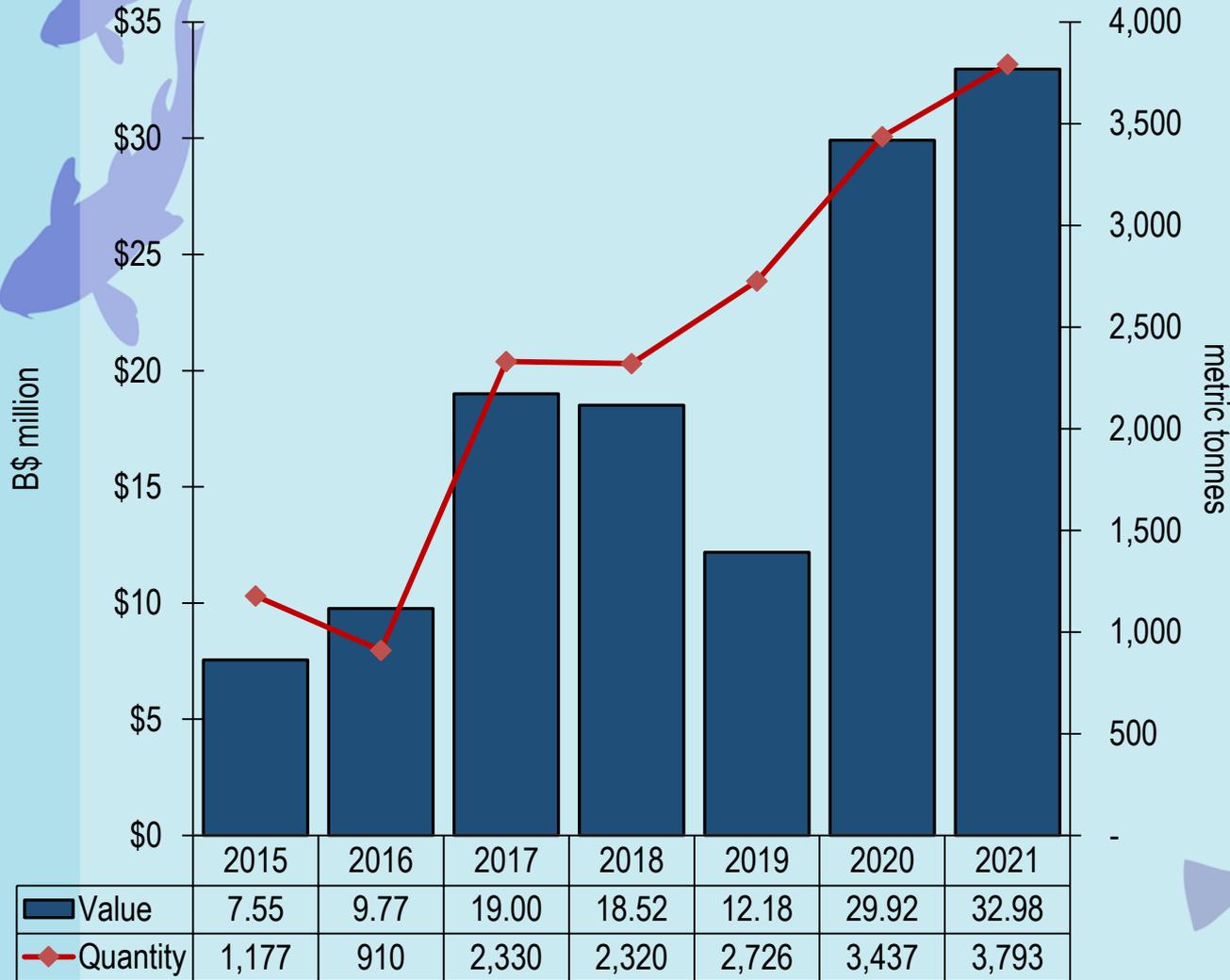
Quantity (4,219 Metric Tonne)



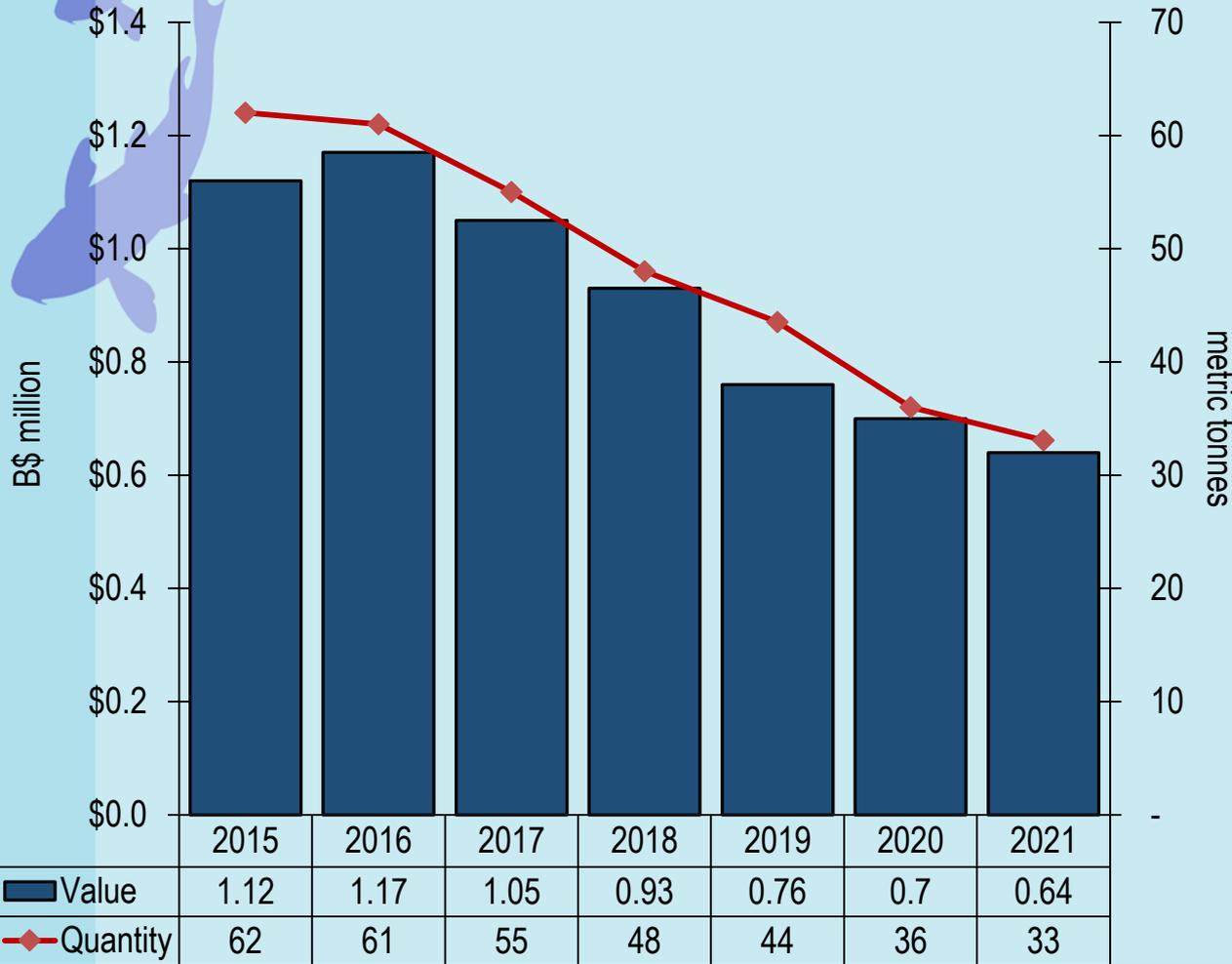
SEAFOOD PROCESSING INDUSTRY PRODUCTION 2015-2021



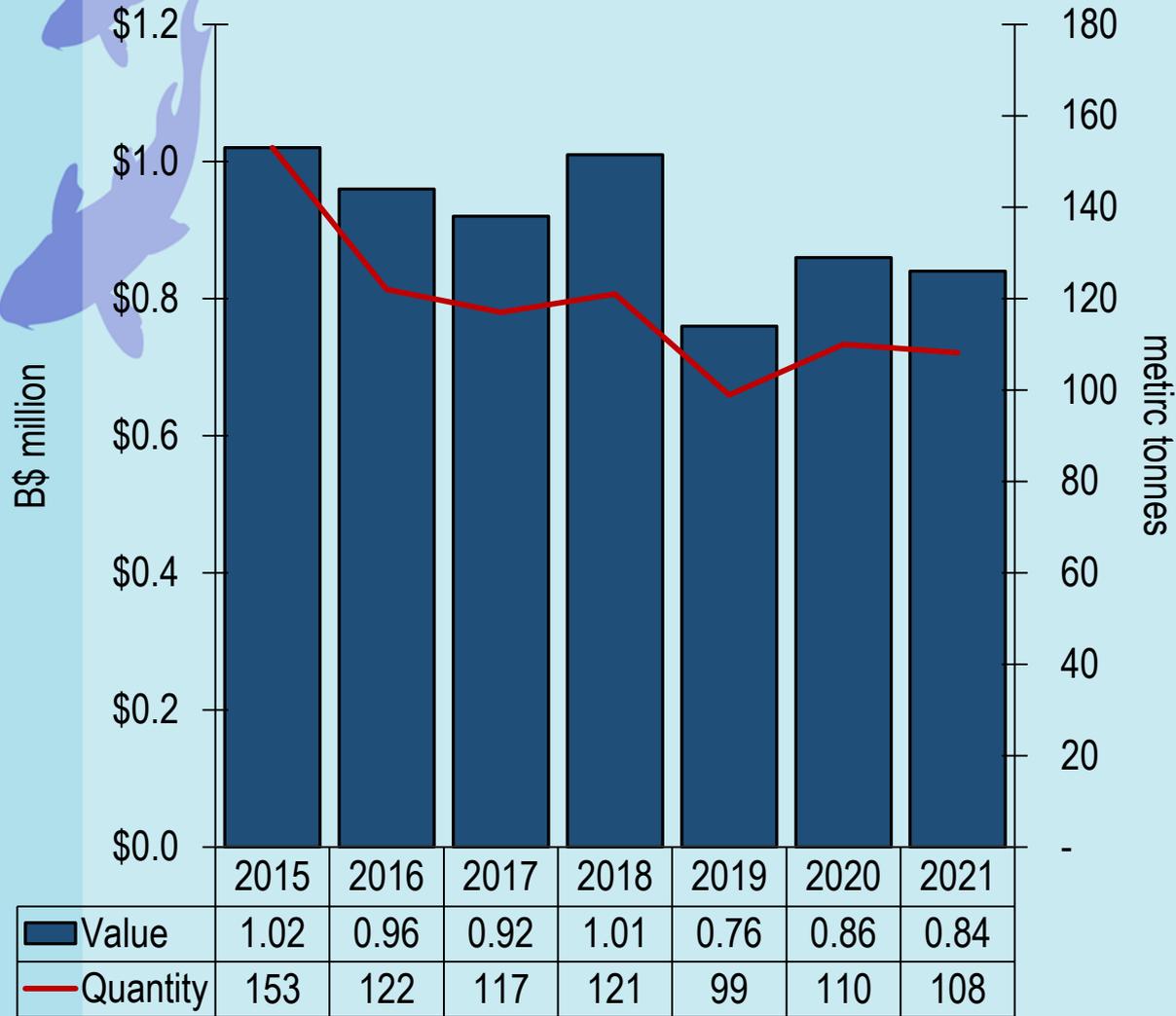
FROZEN SEAFOOD PRODUCTION 2015-2021



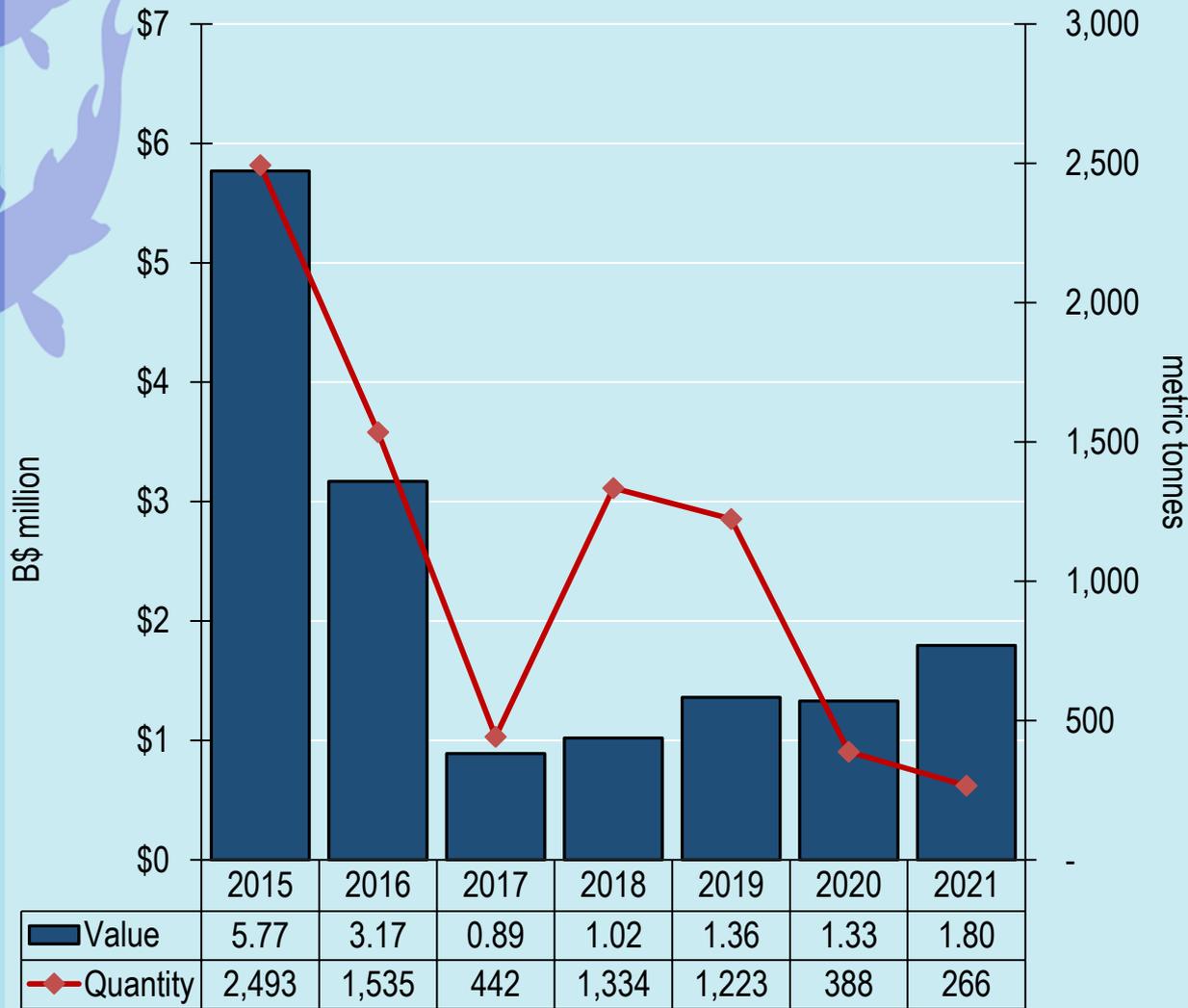
SEAFOOD CRACKERS PRODUCTION 2015-2021



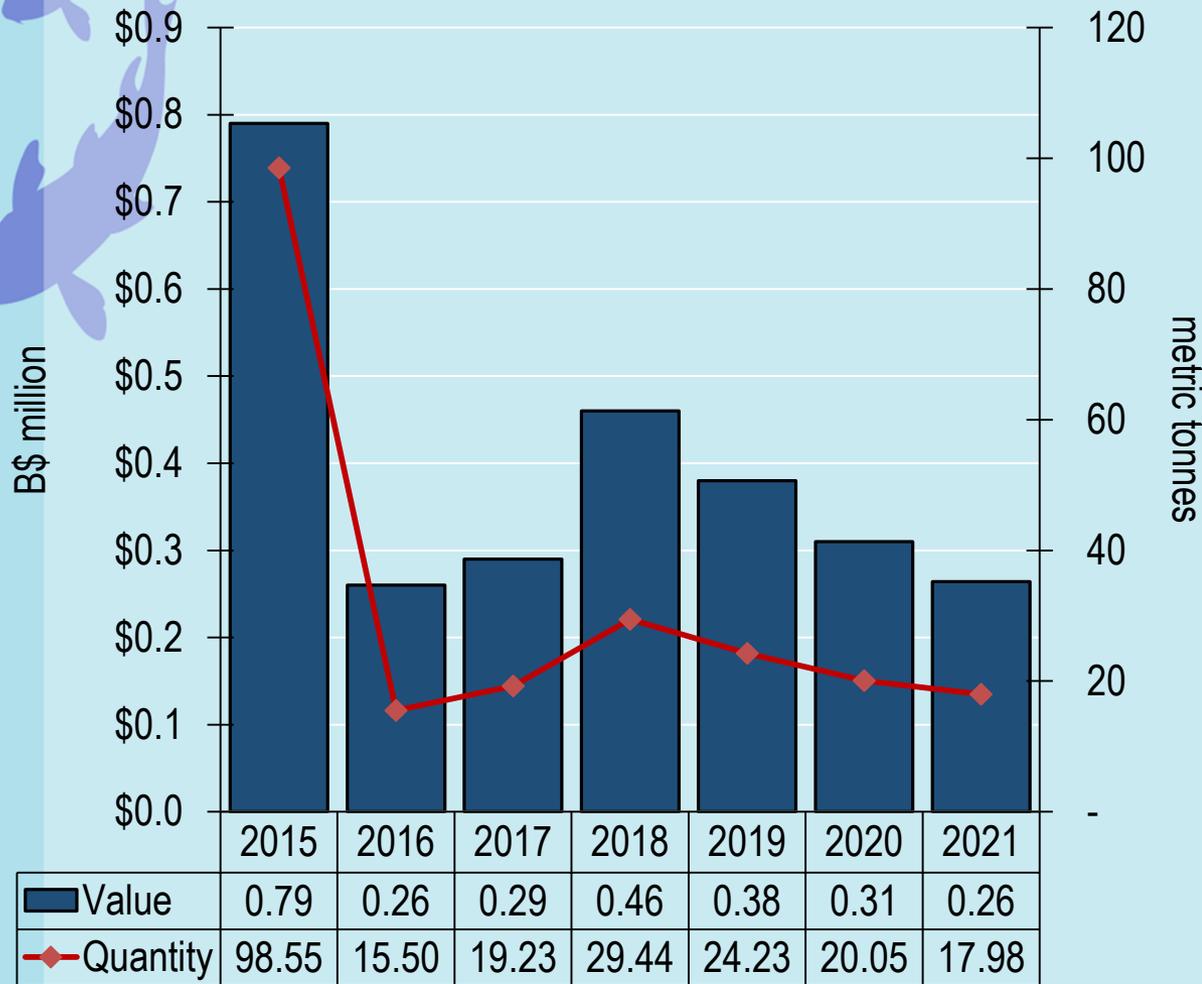
VALUE ADDED PRODUCTS 2015-2021



OTHER PROCESSED PRODUCTS 2015-2021



SMALL-SCALE PROCESSED PRODUCTS 2015-2021





EXPORT AND IMPORT



IMPORT IN 2021

Value (\$41.22 Million)

Fry, \$1.84 Mil, 4.46%

Fresh & frozen, \$39.39 Mil, 95.54%

Quantity (7,948.71 Metric Tonne)

Fresh & frozen, 7,948.70 MT,
100%

EXPORT 2021

Value (\$46.67 Million)

Live, \$0.14 Mil, 0.30%

Processed, \$46.53 Mil, 99.70%

Quantity (5,549.59 Metric Tonne)

Live, 15.00 MT, 0.27%

Processed, 5,534.59 MT, 99.73%

EXPORT 2021 (COUNTRY)

Country	Quantity (Metric Tonne)	Value (B\$ million)
 AUSTRALIA	279.42	2.64
 CHINA	955.94	5.22
 HONG KONG	53.00	0.50
 JAPAN	2,187.58	18.64
 MALAYSIA	91.49	0.89
 NEW ZEALAND	10.00	0.10
 SINGAPORE	549.04	6.46
 TAIWAN	1,423.11	12.23
Total no. of country 8	Total Quantity 5,549.59 MT	Total Value \$46.67 million



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