

# Fisheries Situation Report JANUARY - DECEMBER 2020





#### **REPUBLIC OF THE PHILIPPINES**

### HIS EXCELLENCY PRESIDENT RODRIGO ROA DUTERTE



#### PHILIPPINE STATISTICS AUTHORITY

# DENNIS S. MAPA, Ph.D. Undersecretary National Statistician and Civil Registrar General

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#### **FOREWORD**

The **Fisheries Situation Report for January to December 2020** is an annual statistical report on fisheries. It contains data on volume and value of fish production, and prices by major species.

This publication is a compilation of survey results for the four (4) fisheries subsectors, namely: commercial, municipal, and inland fisheries, and aquaculture. The volume and value of production of different fish species are generated through the conduct of Quarterly Commercial Fisheries Survey (QCFS), Quarterly Municipal Fisheries Survey (QMFS), Quarterly Inland Fisheries Survey (QIFS) and Quarterly Aquaculture Survey (QAqS). Administrative-based data from Philippine Fisheries Development Authority, Local Government Units, and private landing centers are also compiled and generated.

As in other publications released by the PSA, we invite our readers and data users to give comments and suggestions for further improvement of this report.

DENNIS S. MAPA, Ph.D.

Undersecretary

National Statistician and Civil Registrar General

Quezon City, Philippines January 2021

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#### **TECHNICAL NOTES**

This Fisheries Situation Report presents the data on volume and value of production of fisheries for January to December 2020. It contains information on the current situation by major species of the four fisheries subsectors, namely: commercial, municipal and inland fisheries, and aquaculture. The data are the results of the four fisheries surveys regularly conducted by the Philippine Statistics Authority (PSA). These surveys are the Quarterly Commercial Fisheries Survey (QCFS), Quarterly Municipal Fisheries Survey (QMFS), Quarterly Inland Fisheries Survey (QIFS) and Quarterly Aquaculture Survey (QAqS). It also includes data from administrative records of Philippine Fisheries Development Authority (PFDA), Local Government Unit (LGU) and privately managed landing centers.

The QCFS gathers data on volume of unloading on sample traditional landing centers of the subsector in 59 provinces. The survey uses stratified sampling with volume of unloading as stratification variable. Sample landing centers are selected in each stratum using simple random sampling. A structured survey form (QCFS Form 1) - is used to collect information. Five key informants per landing center serve as the respondents to the survey. The information being gathered are volume of unloading and price per kilogram of the top 31 species and those under the *others* category. In addition, data are collected from the administrative records of non-traditional landing centers such as those that are managed by the Philippine Fisheries Development Authority (PFDA), local government unit (LGU) and private entities.

The QMFS is undertaken in similar manner as commercial fisheries in terms of sampling design, data collection and species coverage. However, interview is conducted on sample municipal traditional landing centers using QMFS Form 1. Data gathering activities from administrative records of PFDA and LGU managed landing centers are also undertaken. There are 68 provinces that are covered in the QMFS.

Meanwhile, the volume of catch of inland fishing households are obtained through the QIFS. Simple random sampling is employed in the selection of sample inland fishing households. QIFS Form 1 is utilized to obtain data from household head or any knowledgeable member of the sample household. The survey form captures the volume of catch and price per kilogram of 34 inland species in 77 provinces.

On the other hand, the QAqS provides the volume and value of production for the aquaculture subsector. It covers aquafarm types in various water environment, namely, brackish water fishpond, pen and cage; freshwater fishpond, pen and cage; marine pen and cage; oyster; mussel; seaweed; rice fish; and small farm reservoir (SFR). For each aquafarm type, municipalities comprising the top 80 percent in terms of total aquafarm area are taken as samples. For each sample municipalities, eight (8)

or five (5) sample aquafarms are selected. The respondents are the owner, operator and/or caretaker of the sample aquafarms. The survey covers 17 species in 83 provinces.

Prior to the conduct of the surveys, training of field staff and Statistical Researchers (SRs) are conducted to discuss the accomplishment of the survey forms and data collection procedures. Field regular staff are assigned to supervise the entire operations, while the Statistical Researchers are responsible in the collection of data. To ensure data quality, spot checking and back-checking are done in selected provinces.

As another form of quality control, there are three levels of data review. These are provincial, regional and national data review. Data are checked as to completeness, correctness, and consistency. The process involves thorough data analysis with information and indicators like historical data, weather conditions, pests and diseases, government programs, policies and regulations, and other auxiliary data.

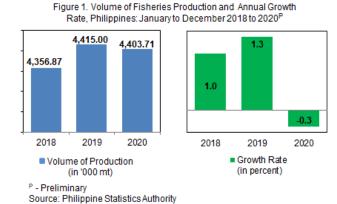
Geographic classification is based on the latest Philippine Standard Geographic Code (PSGC).

The 20 major species highlighted in this report were identified based on their value of production at constant 2018 prices.

#### **HIGHLIGHTS**

## Volume of Production by Subsector and Species January to December 2020

2020. the In total volume of fisheries production diminished by -0.3 percent. It was estimated at 4,403.71 thousand metric tons from its previous year's output of 4,415.00 thousand metric tons. Among the fisheries subsectors, municipal fisheries and aquaculture recorded decreases in production while commercial



fisheries exhibited improvement during the year. (Figure 1 and Table 1)

Commercial fisheries total output was estimated at 978.17 thousand metric tons in 2020. It registered a 5.0 percent improvement from its record of 931.45 thousand metric tons in 2019. The subsector shared 22.2 percent to total fisheries production. (Figure 2 and Table 1)

Municipal fisheries recorded slowdown in production by -2.1 percent in 2020. During the year, the subsector came up with an output of 1,101.54 thousand metric tons. from 1,125.22 thousand metric tons in 2019. Of this volume of production, 86.4 percent came from unloadings from marine municipal landing centers while the rest were

Figure 2. Volume of Commercial Fisheries Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>



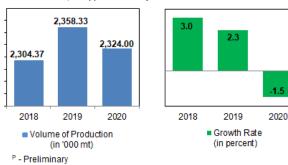
Figure 3. Volume of Municipal Fisheries Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>



caught from inland bodies of water. Municipal fisheries comprised 25.0 percent of the total fisheries production. (Figure 3 and Table 1)

Harvests from aquaculture farms was recorded at 2,324.00 thousand metric tons in 2020. The production was -1.5 percent less than the 2,358.33 thousand metric tons produced in the previous year. The subsector contributed 52.8 percent to the total fisheries production. (Figure 4 and Table 1)

Figure 4. Volume of Aquaculture Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>



Source: Philippine Statistics Authority

Of the 20 major species, 15 species registered decrements in production. The decreases were primarily noted in seaweed (-2.1%), fimbriated sardines (tunsoy, -33.2%), tilapia (-5.2%), slipmouth (sapsap, -14.3%), and indian mackerel (alumahan, -10.8%). (Table 2)

On the other hand, species that displayed production uptrend were led by bali sardinella (tamban, 37.1%), roundscad (galunggong, 7.2%) and milkfish (bangus, 1.9%).

#### **Production of Major Species**

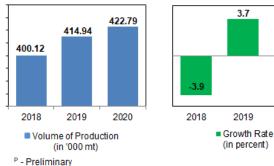
#### 1. Milkfish (Bangus)

- In 2020, milkfish harvests at 422.79 thousand metric tons, increased by 1.9 percent compared with its level of 414.94 thousand metric tons in the previous year. (Figure 5 and Table 2)
- Milkfish production accounted for 9.6 percent of the total fisheries production during the year. (Table 2)

Figure 5. Volume of Milkfish Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>

1.9

2020

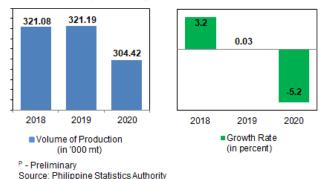


- P Preliminary
  Source: Philippine Statistics Authority
- The gross value of milkfish production during the year was PhP 44.19 billion at current prices. This was higher by 1.9 percent than its level of PhP 43.35 billion a year ago. (Table 3)
- Average price of milkfish at the national level was registered at PhP 104.51 per kilogram in 2020. It inched up by 0.03 percent from its previous year's price of PhP 104.48 per kilogram. (Table 4)

#### 2. Tilapia

• In 2020, the total volume of tilapia production was recorded at 304.42 thousand metric tons. Itslowed down by -5.2 percent from its output of 321.19 thousand metric tons in the previous year. (Figure 6 and Table 2)

Figure 6. Volume of Tilapia Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>



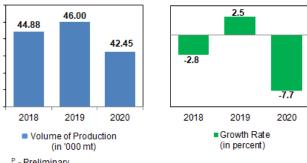
 Of the total fisheries production in 2020, 6.9 percent was accounted to tilapia harvests. (Table 2)

- The gross value of tilapia production amounted to PhP 25.51 billion at current prices in 2020, from PhP 25.18 billion in 2019. It showed a slight upturn of 1.3 percent. (Table 3)
- The average price of tilapia was posted at PhP 83.80 per kilogram in 2020. It increased by 6.9 percent from its quotation of PhP 78.40 per kilogram a year ago. (Table 4)

#### 3. Tiger Prawn (Sugpo)

- The total volume of tiger prawn production 2020 in estimated at 42.45 thousand metric tons. It declined by -7.7 percent compared with its 46.00 thousand output of metric tons in 2019. (Figure 7 and Table 2)
- The output of tiger prawn constituted 1.0 percent of the total fisheries production in the same year. (Table 2)

Figure 7. Volume of Tiger Prawn Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>

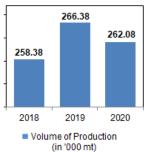


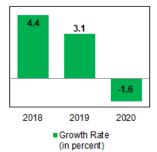
- P Preliminary Source: Philippine Statistics Authority
- The total value of production of tiger prawn during the year amounted to PhP 20.60 billion at current prices. It dropped by -10.9 percent from its value of PhP 23.12 billion in the previous year. (Table 3)
- In 2020, the average price of tiger prawn was quoted at PhP 485.17 per kilogram, lower by -3.5 percent than its previous year's quotation of PhP 502.54 per kilogram. (Table 4)

#### 4. Skipjack (Gulyasan)

- In 2020, the total output of skipjack was 262.08 thousand metric tons, which posted a decrease -1.6 of percent compared with its previous year's production 266.38 thousand metric tons. (Figure 8 and Table 2)
- During the period, production of skipjack contributed 6.0 percent to the total fisheries output. (Table 2)

Figure 8. Volume of Skipjack Production and Annual Growth Rate, Philippines: January to December 2018 to 2020





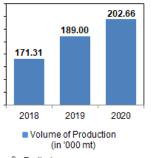
P - Preliminary Source: Philippine Statistics Authority

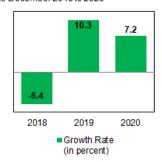
- At current prices, the value of skipjack grossed at PhP 18.02 billion during the year. It slowed down by -11.9 percent from its value of PhP 20.45 billion in the previous year. (Table 3)
- The average price of skipjack in 2020 was PhP 68.74 per kilogram, which went down by -10.5 percent from its price quotation of PhP 76.79 per kilogram in 2019. (Table 4)

#### 5. Roundscad (Galunggong)

- The total volume of roundscad reached 202.66 thousand metric tons in 2020. It grew by 7.2 percent from its output of 189.00 thousand metric tons output in 2019. (Figure 9 and Table 2)
- By species, the volume of roundscad covered 4.6 percent of the total fisheries production this year. (Table 2)

Figure 9. Volume of Roundscad Production and Annual Growth Rate, Philippines: January to December 2018 to 2020F





P - Preliminary Source: Philippine Statistics Authority

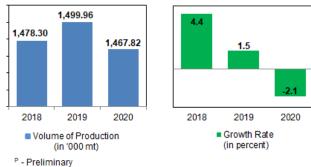
The total value of roundscad production in 2020 amounted to PhP 13.74 billion at current prices, an improvement of 12.8 percent from its value of PhP 12.18 billion in 2019. (Table 3)

• In 2020, the average price of roundscad was PhP 67.78 per kilogram, which went up by 5.2 percent from its previous year's quotation of PhP 64.44 per kilogram. (Table 4)

#### 6. Seaweed

- Seaweed production during the year 2020 was posted at 1,467.82 thousand metric tons. It went down by -2.1 percent compared with its previous year's output of 1,499.96 thousand metric tons. (Figure 10 and Table 2)
- Seaweed output contributed 33.3 percent to the total fisheries production in 2020. (Table 2)

Figure 10. Volume of Seaweed Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>

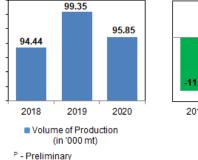


- P Preliminary Source: Philippine Statistics Authority
- At current prices, the gross value of seaweeds production in 2020 amounted to PhP 10.60 billion or -10.5 percent lower than its record of PhP 11.84 billion in the previous year. (Table 3)
- The average price per kilogram of seaweeds during the year was quoted at PhP 7.22. It declined by -8.6 percent from its previous year's price of PhP 7.90 per kilogram. (Table 4)

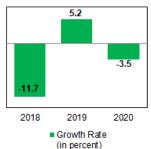
#### 7. Yellowfin tuna (Tambakol/Bariles)

- The volume of yellowfin tuna production during the year was posted at 95.85 thousand metric tons, which was -3.5 percent lower than its production a year ago at 99.35 thousand metric tons. (Figure 11 and Table 2)
- Of the total fisheries output in 2020, yellowfin tuna comprised 2.2 percent. (Table 2)

Figure 11. Volume of Yellowfin Tuna Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>



Source: Philippine Statistics Authority



- Yellowfin tuna gross value of production was reduced to PhP 10.91 billion or by -13.9 percent compared with its output of PhP 12.68 billion in the previous year. (Table 3)
- The average price per kilogram of yellowfin tuna was at PhP 113.85, which recorded a -10.8 percent drop from its previous year's level of PhP 127.61. (Table 4)

#### 8. Mudcrab (Alimango)

- Mudcrab's volume of production was recorded at 22.19 thousand metric tons in 2020. It slowed down by -0.4 percent from its previous year's level of 22.28 thousand metric tons. (Figure 12 and Table 2)
- Of the total fisheries production in 2020, output of mudcrab represented 0.5 percent. (Table 2)

Figure 12. Volume of Mudcrab Production and Annual Growth Rate, Philippines: January to December 2018 to 2020 P

22.28 22.19
21.68

22.8 22.19
2018 2019 2020 2018 2019 2020

Volume of Production (in '000 mt) Growth Rate (in percent)

P - Preliminary

Source: Philippine Statistics Authority

- In 2020, the total value of mudcrab production was estimated at PhP 9.4 billion at current prices, which was lower by -2.5 percent compared with its value of PhP 9.6 billion in 2019. (Table 3)
- The average price of mudcrab in 2020 was quoted at PhP 422.64 per kilogram.
   It diminished by -2.1 percent from its previous year's price of PhP 431.59 per kilogram. (Table 4)

#### 9. Frigate tuna (Tulingan)

- In 2020, the total production of frigate tuna was estimated at 110.52 thousand metric tons. It showed a slight decrement of -0.9 percent from its output of 111.51 thousand metric tons in the previous year. (Figure 13 and Table 2)
- Frigate tuna unloadings represented 2.5 percent of the total fisheries production during the year. (Table 2)

Rate, Philippines: January to December 2018 to 2020 111.92 111.51 -0.9 110.52 8.3 2018 2019 2020 2018 2019 2020 Growth Rate Volume of Production (in percent) (in '000 mt)

Figure 13. Volume of Frigate Tuna Production and Annual Growth

- P Preliminary Source: Philippine Statistics Authority
- The total value of frigate tuna production registered at PhP 8.91 billion, which displayed a -0.7 drop from the PhP 8.97 billion annual gross earnings in 2019. (Table 3)
- The average price of frigate tuna was quoted at PhP 80.62 per kilogram, an increase of 0.2 percent from its quotation of PhP 80.46 per kilogram in 2019.
   (Table 4)

#### 10. Big-eyed scad (Matangbaka)

- Total big-eyed scad production in 2020 was estimated at 105.08 thousand metric tons, which was -4.0 percent lower than its previous year's output of 109.44 thousand metric tons. (Figure 14 and Table 2)
- Of the total fisheries production during the year, big-eyed scad contributed 2.4 percent. (Table 2)

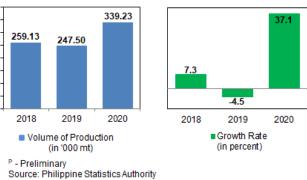
Figure 14. Volume of Big-eyed Scad Production and Annual Growth Rate, Philippines: January to December 2018 to 2020P 110.92 109.44 105.08 2018 2019 2020 2018 2019 2020 ■ Volume of Production Growth Rate (in '000 mt) (in percent) P - Preliminary Source: Philippine Statistics Authority

 The gross value of big-eyed scad production in 2020 amounted to PhP 8.79 billion, a decline of -0.9 percent compared with its value of PhP 8.87 billion in 2019. (Table 3) The average price of big-eyed scad in 2020 was PhP 83.62 per kilogram, which
rose by 3.2 percent from its quotation of PhP 81.02 per kilogram in the previous
year. (Table 4)

#### 11. Bali sardinella (Tamban)

- The volume of production of bali sardinella during the year was recorded at 339.23 thousand metric tons. This was significantly higher by 37.1 percent from its previous year's level of 247.50 thousand metric tons. (Figure 15 and Table 2)
- Of the total fisheries production during the period, bali sardinella shared 7.7 percent. (Table 2)

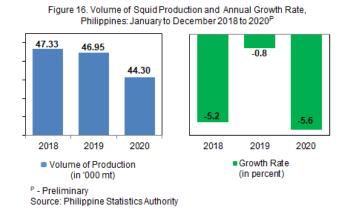
Figure 15. Volume of Bali Sardinella Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>



- Gross value of bali sardinella in 2020 amounted to PhP 8.48 billion at current prices.
   It improved by 21.2 percent from its value of PhP 7.00 billion in 2019. (Table 3)
- The average price per kilogram of bali sardinella was PhP 25.01 this year, which was -11.6 percent lower than its quotation of PhP 28.29 per kilogram in 2019. (Table 4)

#### 12. Squid (Pusit)

• The volume of squid production during the year was recorded at 44.30 thousand metric tons. It decreased by -5.6 percent compared with the previous year's output of 46.95 thousand metric tons. (Figure 16 and Table 2)



In 2020, squid production contributed 1.0 percent to the total fisheries production.
 (Table 2)

- The gross value of squid production amounted to PhP 5.57 billion at current prices, a drop of -3.6 percent from its previous year's level of PhP 5.78 billion. (Table 3)
- The average price per kilogram of squid was offered at PhP 125.76 during the year.
   This was a 2.2 percent increase from the average price of PhP 123.08 per kilogram a year ago. (Table 4)

#### 13. Blue crab (Alimasag)

- In 2020, blue crab production rose to 31.08 thousand metric tons or by 4.7 percent from its previous year's level of 29.68 thousand metric tons. (Figure 17 and Table 2)
- During the year, blue crab shared 0.7 percent to the total fisheries production. (Table 2)

Rate, Philippines: January to December 2018 to 2020 33.93 31.08 29.68 8.3 4.7 2018 2019 2020 2018 2019 2020 Growth Rate ■ Volume of Production (in percent) (in '000 mt) P - Preliminary

Figure 17. Volume of Blue Crab Production and Annual Growth

 The gross value of blue crab production amounted to PhP 4.45 billion at current prices in 2020, while it was PhP 4.56 billion in 2019. It decreased by -2.3 percent during the year. (Table 3)

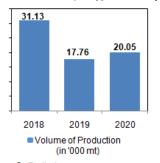
Source: Philippine Statistics Authority

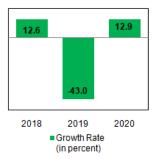
• The average price of blue crab was PhP 143.22 per kilogram in 2020. It displayed a -6.7 percent decrease from its previous year's average price of PhP 153.49 per kilogram. (Table 4)

#### 14. Bigeye tuna (Tambakol/Bariles)

- In 2020, the total bigeye tuna production was recorded at 20.05 thousand metric tons, which posted an increment of 12.9 percent from its level of 17.76 thousand metric tons in the previous year. (Figure 18 and Table 2)
- Bigeye contributed tuna 0.5 percent to the total fisheries produced during (Table 2)

Figure 18. Volume of Bigeye Tuna Production and Annual Growth Rate, Philippines: January to December 2018 to 2020F



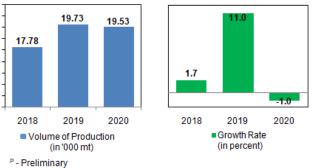


- P Preliminary Source: Philippine Statistics Authority
- the year.
- The gross value of bigeye tuna production during the year amounted to PhP 2.6 billion at current prices, which grew by 1.0 percent from its value of PhP 2.5 billion a year ago. (Table 3)
- The average price of bigeye tuna at the national level was quoted at PhP 127.42 per kilogram. It declined by -10.6 percent from its average price of PhP 142.52 per kilogram in the previous year. (Table 4)

#### 15. Grouper (Lapu-lapu)

- Production of grouper in 2020 estimated was at 19.53 thousand metric tons. It posted а -1.0 percent decrease from its previous year's output of 19.73 thousand metric tons. (Figure 19 and Table 2)
- Of the total fisheries produced during the vear. grouper contributed 0.4 percent. (Table 2)

Figure 19. Volume of Grouper Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>F</sup>



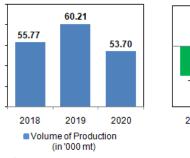
- Source: Philippine Statistics Authority
- The gross value of grouper production during the year amounted to PhP 4.41 billion, an increment of 27.3 percent from its previous year's value of PhP 3.47 billion. (Table 3)

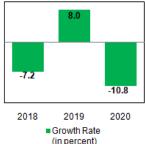
 At the national level, the average price of grouper was quoted at PhP 225.86 per kilogram. It increased by 28.6 percent compared with its average price of PhP 175.67 per kilogram a year ago. (Table 4)

#### 16. Indian mackerel (Alumahan)

- Total unloadings of Indian mackerel in 2020 was estimated at 53.70 thousand metric tons. It went down by -10.8 percent from its previous year's output of 60.21 thousand metric tons. (Figure 20 and Table 2)
- During the period, production of indian mackerel shared 1.2 percent to the total fisheries output. (Table 2)

Figure 20. Volume of Indian Mackerel Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>





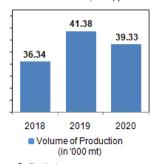
P - Preliminary Source: Philippine Statistics Authority

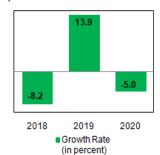
- The gross value of indian mackerel production amounted to PhP 4.97 billion at current prices in 2020. It dropped by -6.0 percent from its previous year's value of PhP 5.29 billion. (Table 3)
- On the average, the price per kilogram of indian mackerel was PhP 92.59 per kilogram, a 5.4 percent increase from the previous year's price of PhP 87.82. (Table 4)

#### 17. Threadfin bream (Bisugo)

- During the year, volume of threadfin bream was recorded at 39.33 thousand metric tons.
   It displayed a -5.0 percent drop from its output of 41.38 thousand metric tons in 2019. (Figure 21 and Table 2)
- Of the total fisheries production in 2020, 0.9 percent was accounted to threadfin bream output. (Table 2)

Figure 21. Volume of Threadfin Bream Production and Annual Growth Rate, Philippines: January to December 2018 to 2020<sup>P</sup>





P - Preliminary Source: Philippine Statistics Authority

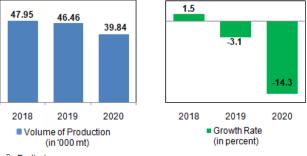
- In 2020, value of threadfin bream production was PhP 5.27 billion at current prices, by -3.9 declined percent from its previous year's value of PhP 5.48 billion. (Table 3)
- The average price of threadfin bream was PhP 133.90 per kilogram in 2020. It rose by 1.1 percent from its average price of PhP 132.39 per kilogram in 2019. (Table 4)

#### 18. Slipmouth (Sapsap)

- The total production of slipmouth in 2020 was recorded at 39.84 thousand metric tons. It was lower by -14.3 percent than its previous year's level of 46.46 thousand metric tons. (Figure 22 and Table 2)
- Slipmouth output contributed 0.9 percent to the total fisheries production in 2020. (Table 2)

Rate, Philippines: January to December 2018 to 2020F 47.95 46.46 39.84

Figure 22. Volume of Slipmouth Production and Annual Growth

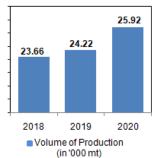


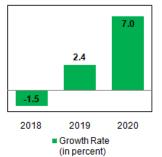
- P Preliminary Source: Philippine Statistics Authority
- The gross value of slipmouth production amounted to PhP 2.64 billion this year, which was -12.2 percent lower than its level of PhP 3.01 billion in the previous year. (Table 3)
- Average price of slipmouth in 2020 was quoted at PhP 66.38 per kilogram, which increased by 2.4 percent from its record of PhP 64.81 per kilogram in 2019. (Table 4)

#### 19. Cavalla (Talakitok)

- In 2020, the total production of cavalla was estimated 25.92 thousand metric tons. It posted a 7.0 percent increase from its previous year's output of 24.22 thousand metric tons. (Figure 23 and Table 2)
- Harvested cavalla shared 0.6 percent to the total fisheries production during the year. (Table 2)

Figure 23. Volume of Cavalla Production and Annual Growth Rate, Philippines: January to December 2018 to 2020F





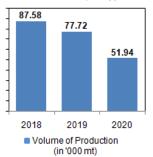
P - Preliminary Source: Philippine Statistics Authority

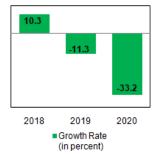
- At current prices, the gross earnings of cavalla output was valued at PhP 3.45 billion in 2020. It went up by 9.3 percent from its previous year's record of PhP 3.16 billion. (Table 3)
- In 2020, the average price per kilogram of cavalla was PhP 133.26, a 2.1 percent increase from the previous year's quotation of PhP 130.50 per kilogram. (Table 4)

#### 20. Fimbriated sardines (Tunsoy)

- The 2020 fimbriated sardines production was estimated at 51.94 thousand metric tons. It declined by -33.2 percent from its previous year's level of 77.72 thousand metric tons. (Figure 24 and Table 2)
- During the year, fimbriated sardines shared 1.2 percent to the total fisheries output. (Table 2)

Figure 24. Volume of Fimbriated Sardines Production and Annual Growth Rate, Philippines: January to December 2018 to 2020





P - Preliminary Source: Philippine Statistics Authority

In 2020, gross value of fimbriated sardines production was PhP 1.86 billion at current prices. It displayed a significant reduction of -23.7 percent from its previous year's value of PhP 2.44 billion. (Table 3)

•	On the average, price of fimbriated sardines was PhP 35.83 per kilogram during the year. It exhibited a 14.2 percent increment from its average price of PhP 31.37 per kilogram in the previous year. (Table 4)	

Table 1. Volume of Fisheries Production by Subsector: Philippines, January to December 2018 – 2020<sup>P</sup>

Cubaastar	Volume of	Percent Change		Percent Share			
Subsector	2018	2019	<b>2020</b> <sup>P</sup>	2019/2018	2020 <sup>P</sup> /2019	to Total Fisheries	
Fisheries	4,356,874.77	4,415,001.68	4,403,709.08	1.3	-0.3	100.0	
Commercial Fisheries	946,437.62	931,451.05	978,170.98	-1.6	5.0	22.2	
Municipal Fisheries	1,106,071.84	1,125,217.47	1,101,542.03	1.7	-2.1	25.0	
Marine	941,870.86	968,758.60	951,468.29	2.9	-1.8	21.6	
Inland	164,200.98	156,458.87	150,073.74	-4.7	-4.1	3.4	
Aquaculture	2,304,365.31	2,358,333.16	2,323,996.07	2.3	-1.5	52.8	

 $<sup>^{\</sup>mathsf{P}}$  - Preliminary

Note: Percent change and percent share may yield different results when computed manually due to rounding Source: Philippine Statistics Authority

Table 2. Volume of Fisheries Production by Species: Philippines, January to December 2018 –  $2020^{P}$ 

	Volume of	Production (m	etric tons)	Percent Change		Percent Share	
Species	2018	2019	2020 <sup>P</sup>	2019/2018	2020 <sup>P</sup> /2019	to Total Fisheries	
Fisheries	4,356,874.77	4,415,001.68	4,403,709.08	1.3	-0.3	100.0	
Milkfish (Bangus)	400,118.78	414,944.25	422,788.89	3.7	1.9	9.6	
Tilapia	321,076.58	321,187.79	304,420.63	0.0a/	-5.2	6.9	
Tiger prawn (Sugpo)	44,884.45	46,003.98	42,453.94	2.5	-7.7	1.0	
Skipjack (Gulyasan)	258,375.05	266,375.69	262,079.72	3.1	-1.6	6.0	
Roundscad (Galunggong)	171,306.41	189,003.22	202,656.14	10.3	7.2	4.6	
Seaweed	1,478,300.85	1,499,961.25	1,467,821.30	1.5	-2.1	33.3	
Yellowfin tuna (Tambakol/Bariles)	94,437.19	99,351.27	95,853.58	5.2	-3.5	2.2	
Mudcrab (Alimango)	21,678.67	22,283.75	22,192.69	2.8	-0.4	0.5	
Frigate tuna (Tulingan)	111,916.27	111,511.06	110,524.96	-0.4	-0.9	2.5	
Big-eyed scad (Matangbaka)	110,924.73	109,439.57	105,078.09	-1.3	-4.0	2.4	
Bali sardinella (Tamban)	259,134.47	247,502.84	339,231.98	-4.5	37.1	7.7	
Squid (Pusit)	47,327.48	46,945.50	44,296.95	-0.8	-5.6	1.0	
Blue crab (Alimasag)	33,929.60	29,677.14	31,077.37	-12.5	4.7	0.7	
Bigeye tuna (Tambakol/ Bariles)	31,134.51	17,756.61	20,053.35	-43.0	12.9	0.5	
Grouper (Lapu-lapu)	17,781.66	19,730.75	19,528.57	11.0	-1.0	0.4	
Indian mackerel (Alumahan)	55,774.60	60,214.50	53,698.70	8.0	-10.8	1.2	
Threadfin bream (Bisugo)	36,343.42	41,381.23	39,328.44	13.9	-5.0	0.9	
Slipmouth (Sapsap)	47,951.31	46,464.14	39,839.81	-3.1	-14.3	0.9	
Cavalla (Talakitok)	23,658.82	24,224.34	25,924.09	2.4	7.0	0.6	
Fimbriated sardines (Tunsoy)	87,577.81	77,723.36	51,943.94	-11.3	-33.2	1.2	
Others	703,242.13	723,319.43	702,915.95	2.9	-2.8	16.0	

P - Preliminary

Note: Percent change and percent share may yield different results when computed manually due to rounding

Source: Philippine Statistics Authority

a/ less than 0.03 percent increase

Table 3. Value of Fisheries Production at Current Pricesby Species: Philippines, January to December 2018 – 2020<sup>P</sup>

Species	Value of Produc	ction at Current P	rices ('000 PhP)	Percent	Percent Share to Total	
Species	2018	2019	2020 <sup>P</sup>	2019/2018	2020 <sup>P</sup> /2019	
Fisheries	265,348,684.33	281,651,654.59	273,407,828.61	6.1	-2.9	100.0
Milkfish (Bangus)	41,225,382.65	43,352,849.90	44,186,471.80	5.2	1.9	16.2
Tilapia	24,253,177.28	25,179,587.31	25,509,478.92	3.8	1.3	9.3
Tiger prawn (Sugpo)	21,785,312.78	23,118,769.34	20,597,564.86	6.1	-10.9	7.5
Skipjack (Gulyasan)	17,246,334.82	20,454,105.77	18,015,982.39	18.6	-11.9	6.6
Roundscad (Galunggong)	11,608,295.79	12,179,367.97	13,735,565.14	4.9	12.8	5.0
Seaweed	10,919,695.79	11,845,017.17	10,603,114.80	8.5	-10.5	3.9
Yellowfin tuna (Tambakol/Bariles)	10,043,961.80	12,678,657.85	10,912,960.28	26.2	-13.9	4.0
Mudcrab (Alimango)	9,282,265.03	9,617,362.67	9,379,428.82	3.6	-2.5	3.4
Frigate tuna (Tulingan)	8,750,282.96	8,972,012.66	8,910,989.70	2.5	-0.7	3.3
Big-eyed scad (Matangbaka)	8,673,810.40	8,866,480.24	8,786,718.15	2.2	-0.9	3.2
Bali sardinella (Tamban)	7,135,839.77	7,001,991.74	8,484,210.34	-1.9	21.2	3.1
Squid (Pusit)	5,635,967.79	5,778,159.74	5,570,901.91	2.5	-3.6	2.0
Blue crab (Alimasag)	5,575,967.80	4,555,005.58	4,450,791.14	-18.3	-2.3	1.6
Bigeye tuna (Tambakol/ Bariles)	5,476,618.30	2,530,733.06	2,555,119.20	-53.8	1.0	0.9
Grouper (Lapu-lapu)	4,659,067.56	3,466,118.23	4,410,777.04	-25.6	27.3	1.6
Indian mackerel (Alumahan)	4,595,213.28	5,287,909.36	4,971,999.98	15.1	-6.0	1.8
Threadfin bream (Bisugo)	4,403,453.30	5,478,534.83	5,266,207.56	24.4	-3.9	1.9
Slipmouth (Sapsap)	2,993,415.47	3,011,418.00	2,644,765.07	0.6	-12.2	1.0
Cavalla (Talakitok)	2,921,722.82	3,161,273.57	3,454,563.79	8.2	9.3	1.3
Fimbriated sardines (Tunsoy)	2,737,897.54	2,438,162.99	1,861,372.13	-11.0	-23.7	0.7
Others	55,425,001.40	62,678,136.61	59,098,845.59	13.1	-5.7	21.6

P - Preliminary

Note: Percent change and percent share may yield different results when computed manually due to rounding Source: Philippine Statistics Authority

Table 4. Average Price by Species: Philippines, January to December 2018 – 2020<sup>P</sup>

Omenica	Avera	ge Price (PhP/k	Percent Change		
Species	2018	2019	2020 <sup>P</sup>	2019/2018	2020 <sup>P</sup> /2019
Fisheries					
Milkfish (Bangus)	103.03	104.48	104.51	1.4	0.0 b/
Tilapia	75.54	78.40	83.80	3.8	6.9
Tiger prawn (Sugpo)	485.36	502.54	485.17	3.5	-3.5
Skipjack (Gulyasan)	66.75	76.79	68.74	15.0	-10.5
Roundscad (Galunggong)	67.76	64.44	67.78	-4.9	5.2
Seaweed	7.39	7.90	7.22	6.9	-8.6
Yellowfin tuna (Tambakol/Bariles)	106.36	127.61	113.85	20.0	-10.8
Mudcrab (Alimango)	428.18	431.59	422.64	8.0	-2.1
Frigate tuna (Tulingan)	78.19	80.46	80.62	2.9	0.2
Big-eyed scad (Matangbaka)	78.20	81.02	83.62	3.6	3.2
Bali sardinella (Tamban)	27.54	28.29	25.01	2.7	-11.6
Squid (Pusit)	119.08	123.08	125.76	3.4	2.2
Blue crab (Alimasag)	164.34	153.49	143.22	-6.6	-6.7
Bigeye tuna (Tambakol/ Bariles)	175.90	142.52	127.42	-19.0	-10.6
Grouper (Lapu-lapu)	262.02	175.67	225.86	-33.0	28.6
Indian mackerel (Alumahan)	82.39	87.82	92.59	6.6	5.4
Threadfin bream (Bisugo)	121.16	132.39	133.90	9.3	1.1
Slipmouth (Sapsap)	62.43	64.81	66.38	3.8	2.4
Cavalla (Talakitok)	123.49	130.50	133.26	5.7	2.1
Fimbriated sardines (Tunsoy)	31.26	31.37	35.83	0.4	14.2
Others	78.81	86.65	84.08	10.0	-3.0

P - Preliminary

b/ less than 0.03 percent increase

Note: Percent change and percent share may yield different results when computed manually due to rounding Source: Philippine Statistics Authority

For Inquiries:

#### PHILIPPINE STATISTICS AUTHORITY

PSA CVEA Building, East Avenue, Diliman, Quezon City, Philippines 1101

Tel. No.+63(2) 84626600 loc. 820 • Telefax No.+63(2) 84626600 loc. 839

E-mail address: info@psa.gov.ph • kmcd.staff@psa.gov.ph





