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Fisheries Situation Report

2018

July to September

Republic of the Philippines
Philippine Statistics Authority
Solid · Responsive · World-class

TECHNICAL NOTES

This Fisheries Situation Report presents the data on volume and value of production of fisheries for the third quarter of 2018. It contains information on the current situation by major species of the three (3) fisheries subsector, namely: commercial and municipal fisheries, and aquaculture. It serves as output of the four (4) fisheries surveys regularly conducted by the Philippine Statistics Authority (PSA). The surveys are Quarterly Commercial Fisheries Survey (QCFS), Quarterly Municipal Fisheries Survey (QMFS), Quarterly Inland Fisheries Survey (QIFS) and Quarterly Aquaculture Survey (QAqS).

The QCFS gathers data on volume of unloading on sample traditional landing centers of the subsector. The sample landing centers were selected using stratified simple random sampling method. A structured survey form, QCFS Form 1, is used. Five (5) key informants per landing center are the respondents to the survey. The information being gathered are volume of unloading and price per kilogram of 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 entity. The survey is conducted in 58 provinces.

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 are conducted for PFDA and LGU managed landing centers, whichever is applicable. There are 67 provinces covered for this undertaking.

The volume of catch of inland fishing households are obtained through the QIFS. Simple random sampling was employed in the selection of sample inland fishing household. 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 of 34 inland species in 76 provinces.

The QAqS provides the volume and value of production for the aquaculture subsector. There are 13 aquafarm types, namely: brackishwater 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 belonging to the cumulative share of 80% to total aquafarm area are taken as samples. For each sample municipalities, 8 - 5 sample aquafarms are selected. The respondents are the owner, operator and/or caretaker of the sample aquafarms. The survey covers 17 species in 82 provinces**.**

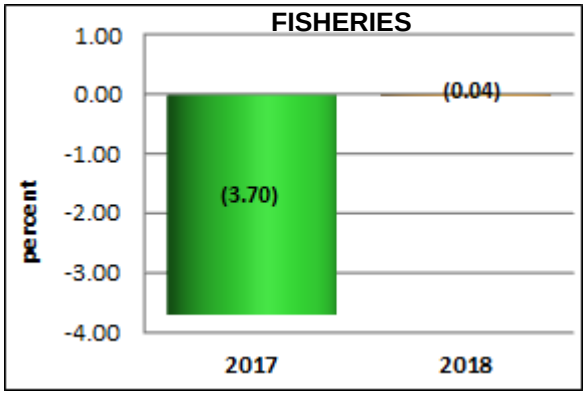
Prior to the conduct of the surveys, orientation/briefing of field staff and Statistical Researchers (SRs) are conducted to discuss the accomplishment of the survey forms and data collection procedures. Field staffs are assigned to supervise the entire operations. To ensure the accuracy of gathered data, spot checking and back-checking are done in selected provinces.

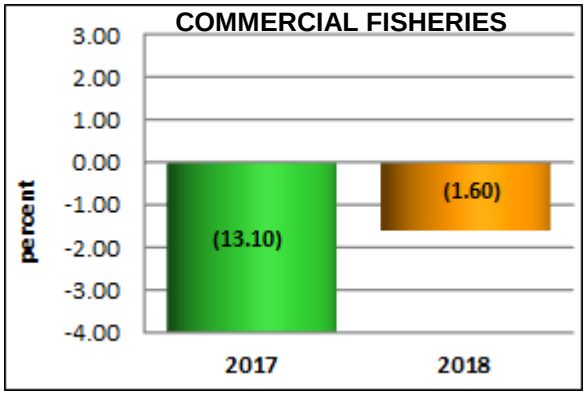
As a form of quality control, there are three (3) levels of data review, which are provincial, regional and national. Data are checked as to accuracy, completeness and consistency during each stage. The process involves thorough data analysis with information and indicators like historical data, weather conditions, pests and diseases, government programs, policies and regulations and other auxiliary data.

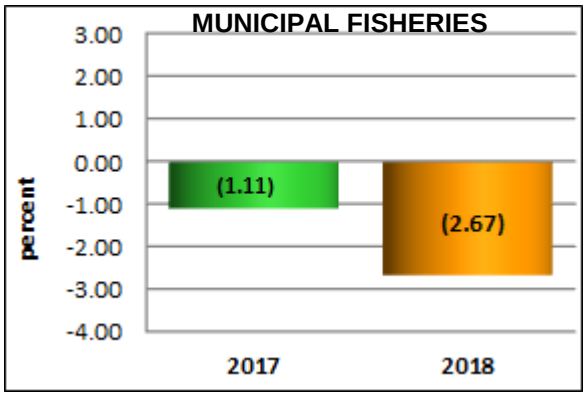
The data sets are classified according to the Philippine Standard Geographic Code (PSGC).

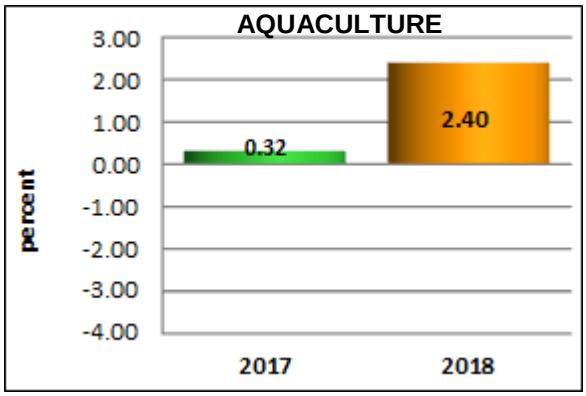
HIGHLIGHTS

Volume of Production by Subsector and by Species, Philippines, July to September 2018









The total volume of fisheries production was registered at 972.91 thousand metric tons. It posted a decrement of 0.04 percent from level in the same quarter of 2017. Commercial and municipal fisheries displayed downtrend during the period while aquaculture subsector showed improvement on harvests. Of the major species, milkfish, yellowfin tuna, roundscad and tiger prawn outputs went down by 7.92, 14.97, 7.05 and 5.84 percent, respectively. On the other hand, improvements were noted in seaweed (5.16%), tilapia (13.88%) and skipjack (2.30%).

Commercial fisheries volume of production was recorded at 232.81 thousand metric tons which was 1.60 percent lower than the previous year's level. The subsector contributed 23.93 percent of the total fisheries output.

During the period, municipal fisheries production diminished by 2.67 percent. The subsector came out with 273.24 thousand metric tons. Of this volume, 84.37 percent was contributed by marine municipal while the rest came from inland fisheries. Municipal fisheries comprised 28.08 percent of the fisheries sector.

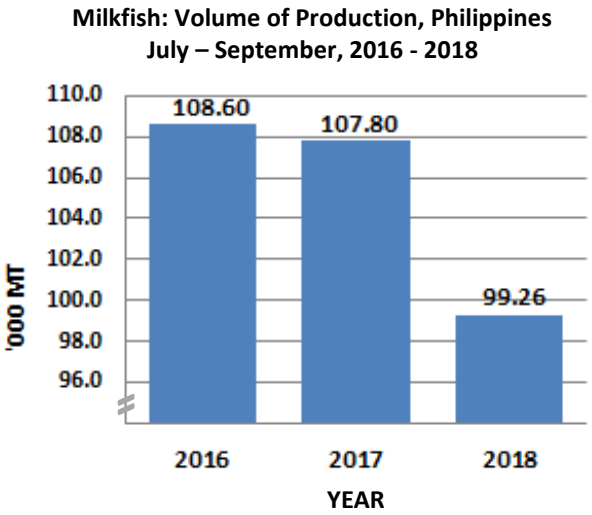
Aquaculture subsector displayed positive performance of 2.40 percent during the quarter. Volume of harvests from aquaculture farms was posted at 466.86 thousand metric tons. The subsector had the biggest share of 47.99 percent to total fisheries.

PRODUCTION OF MAJOR SPECIES

Milkfish (Bangus)

- A total of 99.26 thousand metric tons of milkfish was produced during the third quarter of 2018. Output declined by 7.92 percent from the previous year's performance.

- For the past three (3) years, downward trend in milkfish production was observed. From 0.73 percent decrease in 2017, a higher decrease of 7.92 percent was recorded in the same quarter in 2018.



- Of the total milkfish production, 98.53 percent was accounted to aquaculture subsector while 1.47 percent was from inland municipal subsector.

- Western Visayas, CALABARZON and Ilocos Region were the top producing regions of milkfish which comprised 69.64 percent of the total milkfish harvested during the quarter.

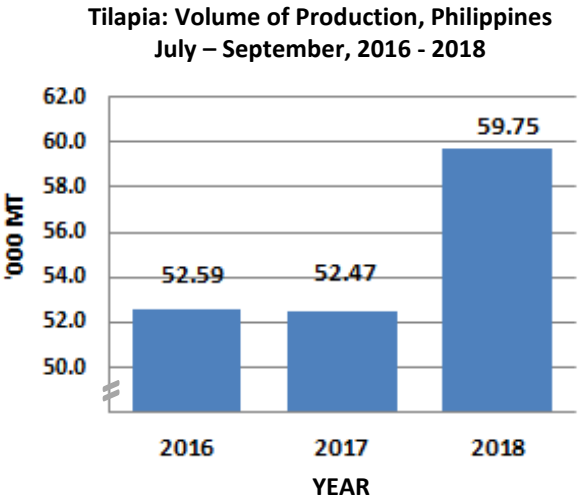
- During the period, declines in production were noted in ten (10) regions with CALABARZON, Central Luzon and SOCCSKSARGEN recording significant decreases at 33.14, 10.88 and 59.54 percent, respectively.

- On the other hand, the other six (6) regions exhibited output increments led by Western Visayas and Davao Region with respective growth of 10.87 and 9.66 percent.

Tilapia

- Total volume of tilapia production during the third quarter of 2018 was 59.75 thousand metric tons which was 13.88 percent higher than in the same quarter a year ago.

- Minimal decline by 0.23 percent in tilapia production was observed during the same quarter in 2017. However, species output went up by double-digit percentage in 2018.



- The bigger portion of its total production of 79.02 percent was contributed by the aquaculture sector and 20.98 percent was captured from inland bodies of water.

- The top tilapia producing regions were CALABARZON and Central Luzon which accumulated 65.60 percent of the total tilapia harvests during the period.

- During the quarter, the top two (2) tilapia producing regions were the dominant regions that contributed to the overall tilapia performance. The said regions exhibited growth of 19.98 percent and 12.45 percent, respectively.

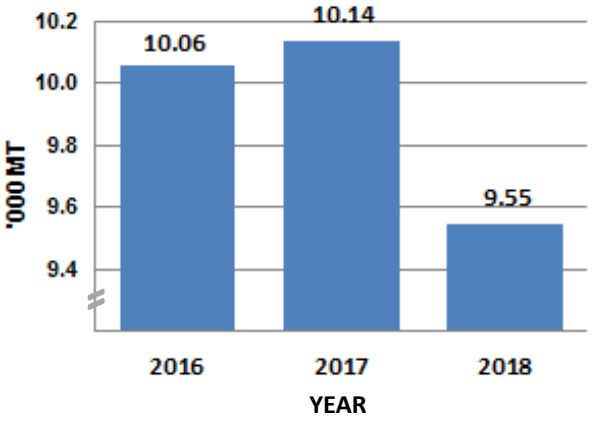
- On the contrary, eight (8) regions reported decreases in production. Davao, Ilocos and Bicol regions were the top contributors to the decline.

Tiger Prawn

- Volume of tiger prawn production during the third quarter reached 9.55 thousand metric tons which dropped by 5.84 percent compared to the level of same quarter in 2017.

- From 2016 to 2017, tiger prawn output grew by merely 0.80 while it dropped by 5.84 percent during the same quarter in 2018.

Tiger Prawn: Volume of Production, Philippines
July – September, 2016 - 2018

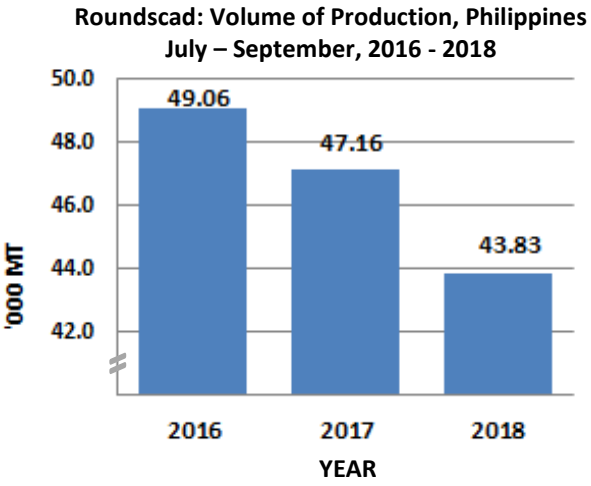


- Of the total tiger prawn production, 99.71 percent was accounted to aquaculture while the remaining came from inland municipal.

- In terms of volume, the top tiger prawn producing regions were Northern Mindanao and Central Luzon with combined share of 80.72 percent. However, these regions exhibited decreases during the quarter with 10.71 percent and 5.36 percent, respectively.

- On the other hand, seven (7) regions recorded increments in production. Central Visayas, Davao Region and Eastern Visayas were the top contributors to the increase.

Roundscad (Galunggong)



- Total unloadings of roundscad during the third quarter of 2018 was estimated at 43.83 thousand metrics tons. It was 7.05 percent lower than its level in same quarter in 2017.

- Roundscad production displayed continuous decline for three (3) consecutive years at 3.87 and 7.05 percent in 2017 and 2018, respectively.

- Of the total output, 69.04 percent was accounted to commercial fisheries subsector. The rest were unloadings by municipal fishing boats.

- National Capital Region (NCR), Zamboanga Peninsula and ARMM were the top producer of the species. During the quarter, their combined volume comprised 52.71 percent of the total roundscad production.

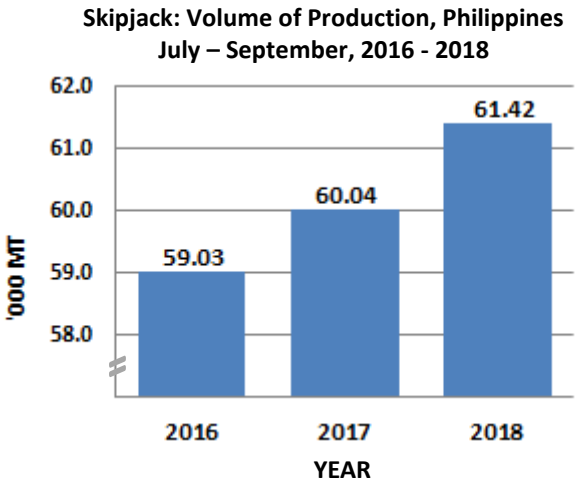
- The regions that pulled down the overall outcome of roundscad production were Western Visayas, Bicol Region and Zamboanga Peninsula.

- On the contrary, NCR and ARMM exhibited increases of 57.52 percent and 14.39 percent, respectively.

Skipjack (Gulyasan)

- Skipjack production was recorded at 61.42 thousand metric tons during the quarter which showed an increase of 2.30 percent from previous year's level.

- From the third quarter of 2016 to 2017, skipjack production maintained its positive performance at 1.70 percent which further improved by 2.30 percent in 2018.



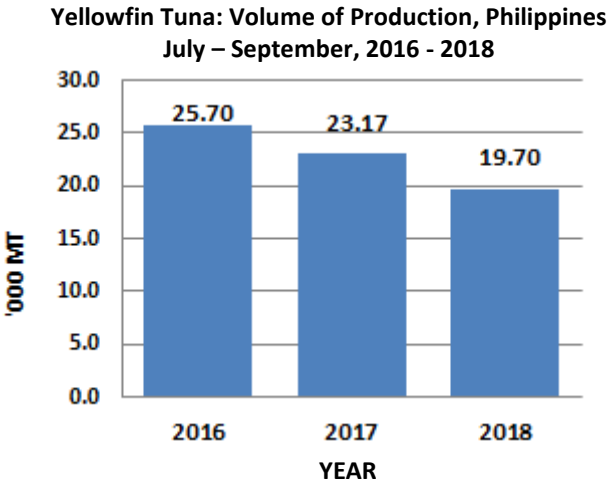
- Commercial fisheries subsector shared 89.23 percent of its total production while the 10.77 percent came from the marine municipal landing centers.

- The volume of skipjack unloaded in General Santos fish port in SOCCSKSARGEN comprised 80.97 percent of the total skipjack production.

- During the period, skipjack unloadings in SOCCSKSARGEN, Zamboanga Peninsula and CALABARZON accelerated by 5.41 percent, 10.59 percent and 41.49 percent, respectively.

- However, production dropped in Eastern Visayas (27.85%), MIMAROPA (42.23%) and Bicol Region (49.04%).

Yellowfin Tuna (Tambakol/Bariles)



- Yellowfin tuna production during third quarter was estimated at 19.70 thousand metric tons. It was 14.97 percent lesser than its level a year ago.

- The third quarter year-on-year comparison of production indicated decreasing trend. The double-digit drop of 14.97 percent in 2018 surpassed the 9.86 percent decline during the previous year.

- Of the total production, commercial fisheries contributed 55.59 percent while 44.41 percent came from marine municipal fisheries.

- SOCCSKSARGEN, ARMM and Zamboanga Peninsula were the top yellowfin tuna producing regions, which constituted 53.86 percent of the total unloading during the period.

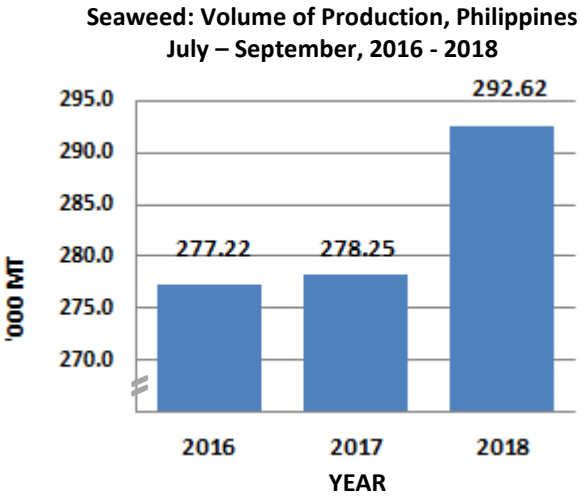
- The regions that displayed drop in production during the quarter were SOCCSKSARGEN, MIMAROPA and Davao Region at 35.78, 56.12 and 48.35 percent, respectively.

- Meanwhile, Western Visayas, Central Luzon and Zamboanga Peninsula pulled up its production with growth rates of 129.28, 81.07 and 15.62, respectively.

Seaweed

- Seaweed production for the third quarter of 2018 reached 292.62 thousand metric tons which was higher by 5.16 percent compared with the previous year's output of 278.25 thousand metric tons.

- Seaweed outputs accelerated during the same period in the past three (3) years. It was also observed that the current year's increase (5.16%) was higher than the 0.37 percent increment from 2016 to 2017.

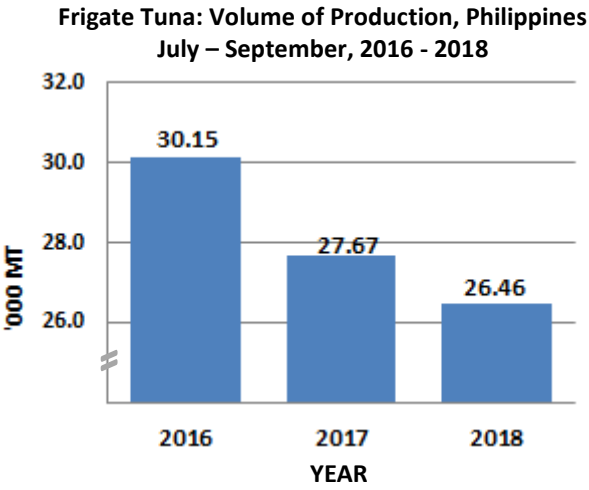


- During the quarter, the top three (3) producing regions contributed 78.05 percent of the country's seaweed production. ARMM accounted for almost half (45.97%) while MIMAROPA (16.05%) and Zamboanga Peninsula (16.04%) of total production.

- Regions that contributed to the output expansion were Bicol Region, Zamboanga Peninsula and ARMM which posted 52.26, 10.31 and 1.78 percent increments, respectively.

- In contrast, shortfalls on seaweed harvests were reported in Visayas area namely: Western, Eastern and Central Visayas.

Frigate Tuna (Tulingan)



- Total production of frigate tuna during the third quarter of 2018 was at 26.46 thousand metric tons. It went down by 4.38 percent from output in the same quarter of 2017.

- Declining trend of frigate tuna production was observed every third quarter in the past three (3) years. In 2017, 8.21 percent decline was recorded. It further decreased by 4.38 percent in the succeeding year.

- Of the total frigate tuna production, municipal fisheries shared 50.52 percent and commercial fisheries with 49.48 percent.

- Top regions in terms of frigate tuna production were ARMM, Bicol Region, and Zamboanga Peninsula. The combined volume of the said region comprised 48.28 percent of the nationwide output.

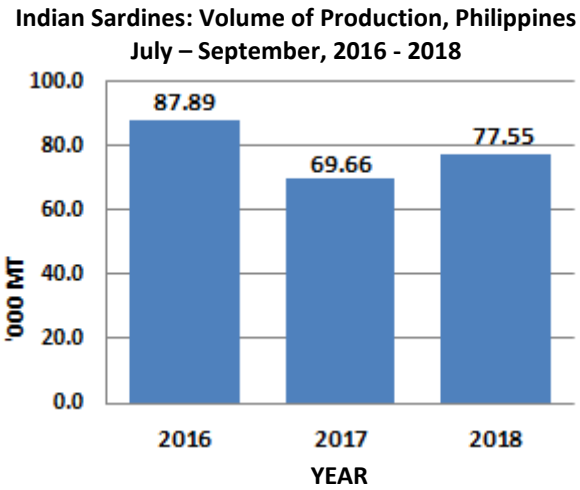
- The downtrends were traced from SOCCSKSARGEN, NCR, and CALABARZON with double-digit decreases of 53.72, 67.58, and 19.89 percent, respectively.

- However, Davao Region, ARMM, and MIMAROPA displayed improvements by 193.53, 9.98, and 17.13 percent, respectively.

Indian Sardines (Tamban)

- Indian sardines production was estimated at 77.55 thousand metric tons. The output rose by 11.31 percent from the previous year's record.

- The third quarter output of indian sardines declined by 20.74 percent in 2017 but recovered by 11.31 percent during the current year.

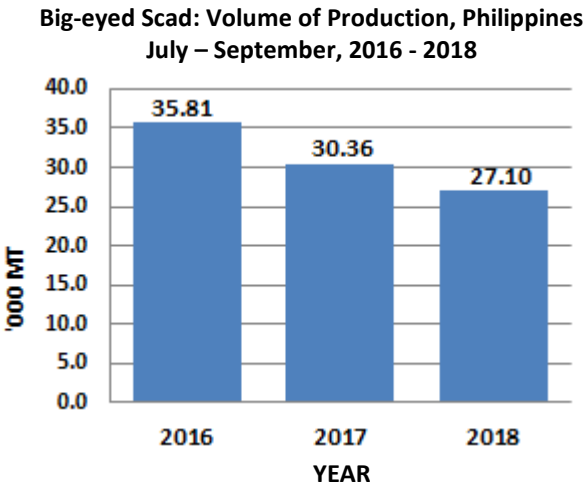


- Of its total production, 78.40 percent came from commercial fisheries subsector.

- The bulk of indian sardines was produced in Zamboanga Peninsula with a share of 69.17 percent of total production. Followed by NCR and Northern Mindanao with 8.88 and 4.62 percent, respectively.

- The top gainers in indian sardines production were Zamboanga Peninsula, NCR and Eastern Visayas. The regions posted positive growth rates at 13.90 percent, 151.32 percent and 24.13 percent, respectively.

- On the other hand, diminished volume of unloading was experienced in Western Visayas, Central Luzon and Northern Mindanao which reported production cut of 46.67 percent, 76.47 percent and 10.17 percent, correspondingly.



Big-eyed Scad (Matambaka)

- The total big-eyed scad production was 27.10 thousand metric tons during the quarter which recorded a reduction of 10.71 percent from previous year's level.

- Continuous drop on big-eyed scad production was observed in the past three (3) years. The decline was 15.23 and 10.71 percent, consecutively.

- By subsector, about 66.01 percent of the total volume of big-eyed scad was accounted to marine municipal fisheries while the remaining unloadings came from the commercial fisheries.

- Big-eyed scad were abundantly caught in Zamboanga Peninsula, ARMM and Bicol Region which comprised 63.93 percent of the total unloadings during the quarter.

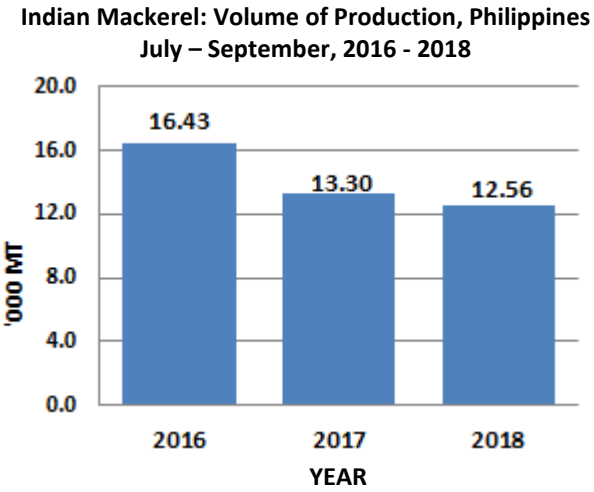
- The top contributors to the decrease were Zamboanga Peninsula, NCR and CALABARZON which registered declines at 21.05, 85.16 and 54.43 percent, respectively.

- Although, Central Visayas and ARMM augmented respective output by 52.69 and 15.07 percent.

Indian Mackerel (Alumahan)

- The total volume of indian mackerel unloaded was estimated at 12.56 thousand metric tons. It was reduced by 5.56 percent compared to its level a year ago.

- During the third quarter of 2017, output drop was registered at 19.05 percent. Performance during the current year paved the way to a weaker decline by 5.56 percent.

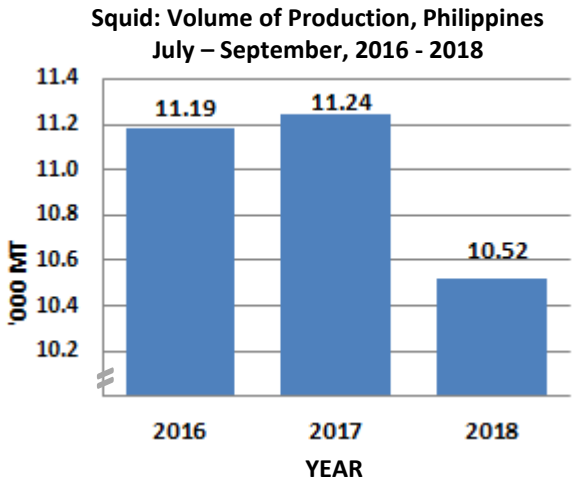


- Of the total output of indian mackerel, municipal fisheries subsector derived a share of 67.41 percent while 32.59 percent was from commercial fisheries subsector.

- Zamboanga Peninsula, ARMM and MIMAROPA Region were the leading regions in indian mackerel production. The combined production of the three (3) regions comprised 52.66 percent of the total indian mackerel production.

- Reduced outputs were primarily observed in Western Visayas (52.55%), Bicol Region (21.65%) and Central Visayas (43.14%)

- While Zamboanga Peninsula, ARMM and Eastern Visayas managed to pull up the indian mackerel production by 39.08, 20.52 and 24.98 percent, respectively.



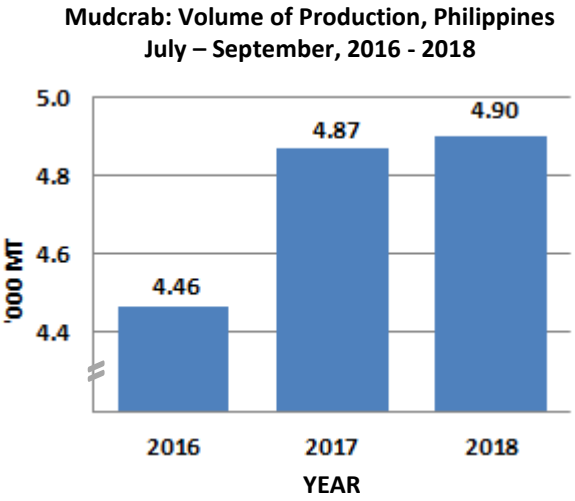
Squid (Pusit)

- During the third quarter of 2018, production of squid was estimated at 10.52 thousand metric tons. It was 6.44 percent lower than its level a year ago.
- From 2016 to 2017, squid production inched up by 0.49 percent. However, a 6.44 percent decrease was reported during the current year.
- Municipal fisheries shared 73.82 percent of the total squid production, while the rest came from commercial fisheries subsector.
- Abundant unloading of squid was noted in Western Visayas, Northern Mindanao and MIMAROPA Region. The combined volume of the said regions comprised 41.19 percent of the total squid production.
- The decline in squid production was brought about by MIMAROPA Region, Eastern Visayas, and Zamboanga Peninsula which posted downtrend of 19.44, 25.85 percent, and 25.02 percent, respectively.
- On the contrary, better squid productions were noted in SOCCKSARGEN, Davao Region and CALABARZON.

Mudcrab

- Volume of mudcrab production during the quarter was estimated at 4.90 thousand metric tons which grew by 0.59 percent compared to the same quarter in 2017.

- It posted positive increases for the three (3) year period. From 2016 to 2017, mudcrab production added up by 9.12 percent. Further, a slower growth rate of 0.59 percent was observed in the succeeding year.



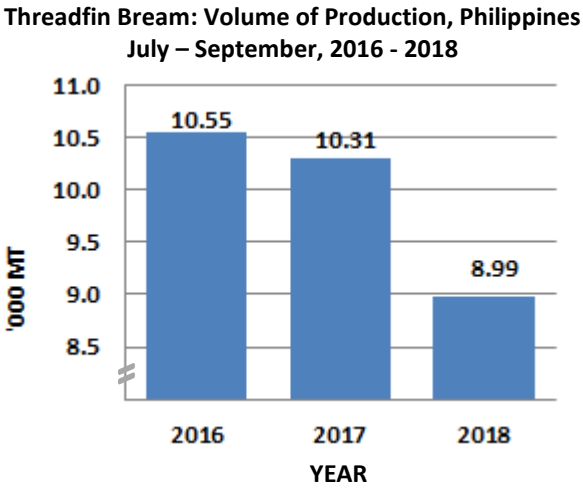
- Majority of the mudcrab output at 94.71 percent came from the aquaculture subsector. Barely 5.29 percent was accounted for by inland fisheries.

- The 79.39 percent of the total mudcrab harvests was contributed by Northern Mindanao, Central Luzon and CALABARZON.

- Growths in mudcrab production were noted in CALABARZON with 22.36 percent, Zamboanga Peninsula with 30.77 percent and Northern Mindanao with 0.45 percent.

- On the other hand, reductions in mudcrab output were observed in Central Luzon, Western Visayas and Eastern Visayas with 9.22 percent, 8.56 percent and 11.38 percent, respectively.

Threadfin Bream (Bisugo)



- During the third quarter of 2018, production of threadfin bream was estimated at 8.99 thousand metric tons which exhibited a decrease of 12.78 percent compared to same quarter of the previous year.

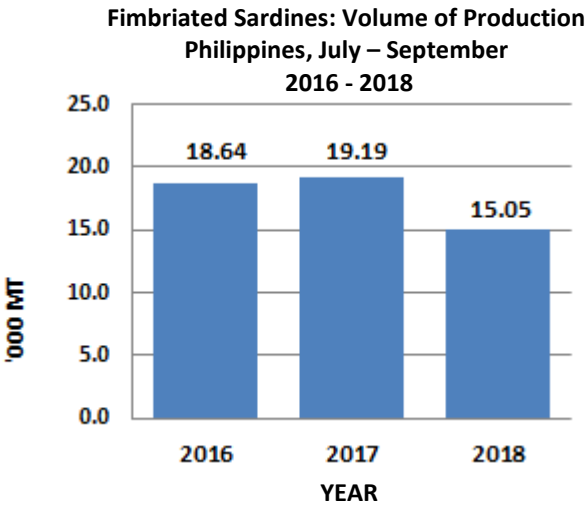
- Consecutive decreases of 2.27 and 12.78 percent were noted during third quarter from 2016 to 2018. Fluctuation was more pronounced during the current year.

- Majority (86.57%) of threadfin bream production came from municipal fisheries subsector while commercial subsector had a share of 13.43 percent.

- Western Visayas, Bicol Region and CALABARZON were among the top producing regions of threadfin bream which comprise 50.51 of the total production of the species during the quarter.

- The decline in total threadfin bream production was attributed to the slowdown in unloading in Western Visayas, NCR and CALABARZON with 21.30, 75.12 and 18.31 percent, respectively.

- However, better performance was brought about by Central Luzon, Central and Eastern Visayas. The said regions displayed growth rates of 105.12, 61.04 and 6.19, correspondingly.



Fimbriated Sardines (Tunsoy)

- Production of fimbriated sardines was 15.05 thousand metric tons which recorded 21.56 percent drop in output compared with its level in previous year.

- Fimbriated sardines production boosted by 2.93 percent in 2017. However, it failed to sustain this performance in 2018 because it diminished by 21.56 percent.

- The production share by subsector indicated 54.96 percent from commercial fisheries and 45.04 percent from municipal fisheries.

- Heavy unloadings of fimbriated sardines were recorded in Bicol Region, Zamboanga Peninsula and Western Visayas which constituted 55.74 percent of its total production during the quarter.

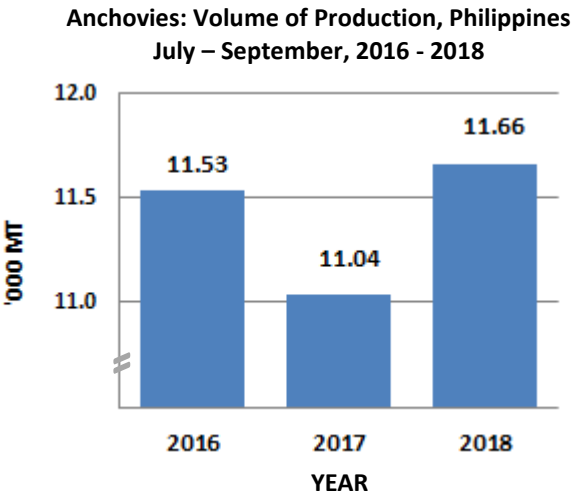
- During the quarter, lower production of the species were registered in Bicol Region, Western and Central Visayas recording 37.33, 43.37 and 63.46 percent declines, respectively.

- In contrast, production increases were traced in ARMM at 39.88 percent, CALABARZON at 29.69 percent and Caraga at 18.38 percent.

Anchovies

- Anchovies production exceeded its 2017 same quarter output by 5.62 percent. It was estimated at 11.66 thousand metric tons during the quarter.

- During third quarter of the past three (3) years, anchovies production went down by 4.32 percent from 2016 to 2017. On the other hand, it recovered by 5.62 percent in 2018.

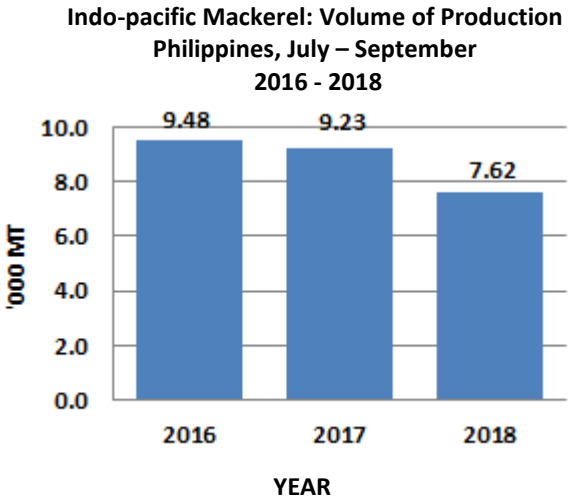


- The municipal fisheries subsector accounted 68.46 percent of the total production while the rest came from commercial fisheries.

- The top producing regions for anchovies were Bicol Region, Davao Region and Zamboanga Peninsula which comprised 49.22 percent of the total unloadings during the period.

- Improvements in anchovies output came about as Davao Region, Zamboanga Peninsula and Caraga displayed growth rates of 594.59, 22.89 and 33.67 percent, correspondingly.

- On the contrary, Bicol Region, MIMAROPA and Eastern Visayas exhibited downward trend of 8.21, 34.35 and 27.48 percent, respectively.



Indo-pacific Mackerel (Hasa-hasa)

- Volume of production of indo-pacific mackerel went down to 7.62 thousand metric tons during the third quarter of 2018. It was 17.47 percent short from its previous year's level.

- The unloading of indo-pacific mackerel displayed diminishing trend since 2016. During third quarter, year-on-year declines were 2.65 and 17.47 percent.

- Municipal fisheries subsector contributed 65.42 percent to the total output of indo-pacific mackerel.

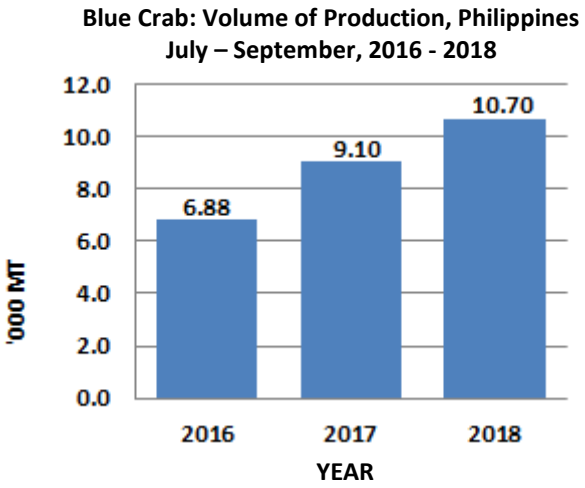
- Major producing regions were Western Visayas, MIMAROPA, and Eastern Visayas whose combined production accounted to 50.88 percent of the total production of indo-pacific mackerel.

- Western Visayas, MIMAROPA and Bicol Region displayed output decreases represented by 39.52, 27.21 and 13.76 percent, respectively.

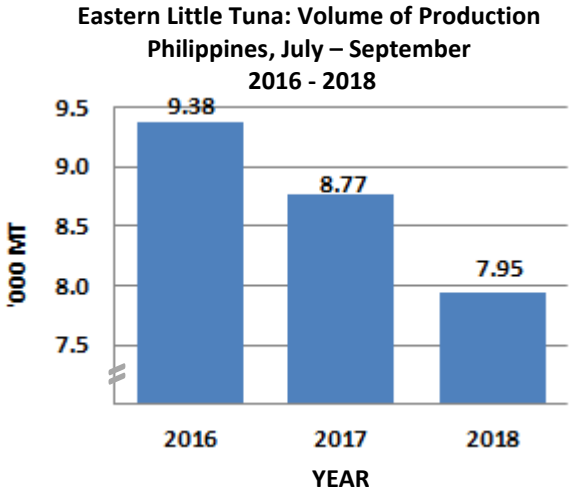
- On the other hand, regions that showed output increases were Central Luzon, Central Visayas and ARMM.

Blue Crab (Alimasag)

- Blue crab production grew by 17.68 percent for this quarter and posted a total volume of 10.70 thousand metric tons.
- Over the years, consecutive increases were recorded at 32.31 and 17.68 percent.



- The bulk of blue crab unloading was in municipal landing centers which contributed 95.88 percent of its total during the quarter.
- Top regions on blue crab production were Western Visayas, MIMAROPA and Bicol Region which comprised 74.48 percent.
- The overall performance was achieved from the increases in production of nine (9) regions, led by MIMAROPA (257.17%). Other regions with significant increases were Bicol Regions (11.66%) and CALABARZON (15.17%)
- On the other hand, Central Luzon, Zamboanga Peninsula and Eastern Visayas recorded decreases in blue crab production during the period.



Eastern Little Tuna (Bonito)

- During the third quarter of 2018, eastern little tuna production reached 7.95 thousand metric tons, a 9.37 percent drop from its level on the same quarter of 2017.

- In the past three (3) years, production of eastern little tuna decreased. From 6.48 percent decline in 2017, further drop by 9.37 percent in the succeeding

- Of the total production of eastern little tuna in 2018, 57.24 percent were unloaded in the commercial landing centers and in the municipal landing centers, 42.76 percent.

- ARMM, Zamboanga Peninsula, and Eastern Visayas were the leading regions on eastern little tuna output. The said regions made up 70.03 percent of the total production of the species.

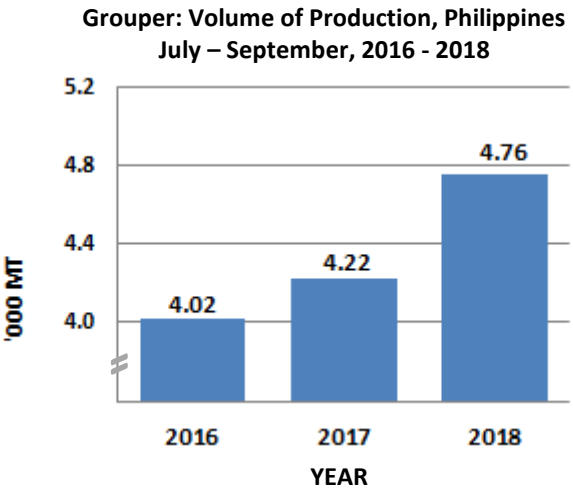
- The output decline reported in Zamboanga Peninsula (13.10%), MIMAROPA Region (41.03%) and Western Visayas (59.79%) pulled down the overall performance of the species.

- On the contrary, ARMM, Central Luzon, and Caraga showed better performance during the period.

Grouper (Lapu-lapu)

- Grouper production during the third quarter of 2018 was registered at 4.76 thousand metric tons and showed a 12.71 percent increase from the level in same quarter of the previous year.

- Increasing trend of grouper production was noted for three (3) consecutive years. From 2016 to 2017, the growth rate was 5.02 percent. A double-digit improvement of 12.71 percent came about in 2018.

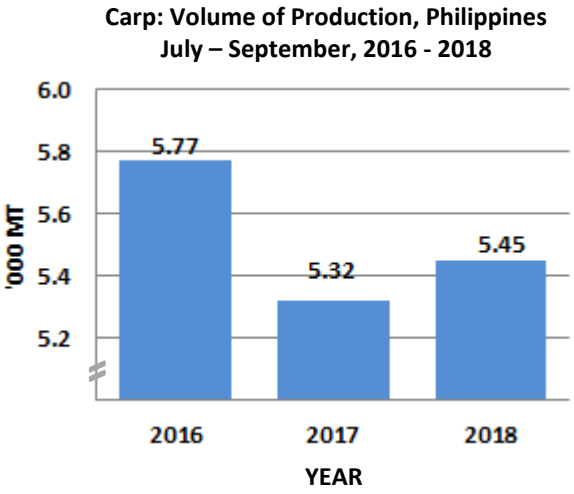


- Of the total grouper production, 93.65 percent was accounted to unloadings in municipal landing centers while the rest was from commercial fish catch and aquaculture harvests.

- Of the total grouper unloadings during the period, 55.32 percent was contributed by MIMAROPA, ARMM and Zamboanga Peninsula which are the top producing regions of the species.

- During the third quarter of 2018, MIMAROPA, Ilocos Region and ARMM were the top gainers in grouper production. The regions boosted respective output by 104.39, 180.56 and 22.18 percent.

- Meanwhile, Western Visayas, Central Visayas and CALABARZON demonstrated downtrend during the period.



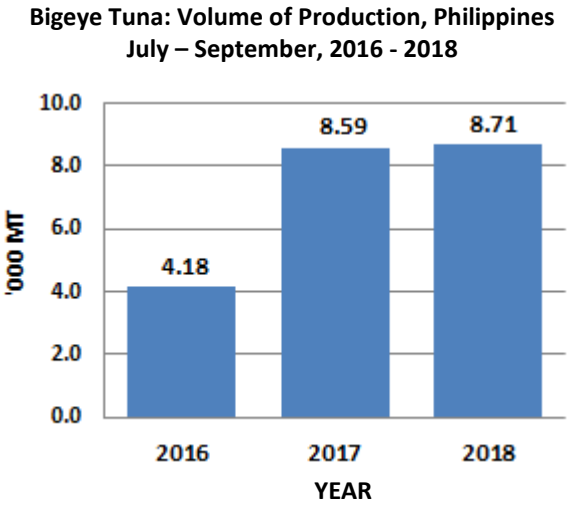
Carp

- During the third quarter of 2018, carp production was estimated at 5.45 thousand metric tons. It grew by 2.40 percent from the previous year's level.
- From 2016 to 2017, carp production posted a decline of 7.80 percent. However, it recovered after a year by 2.40 percent.
- Around 78.09 percent of carp production was captured in inland bodies of water while the remaining 21.91 percent were harvests from aquaculture farms.
- CALABARZON, ARMM and SOCCSKSARGEN were the leading regions in carp production. The combined output of the said regions constituted 65.36 percent of the total carp produced during the period.
- During the quarter, SOCCSKSARGEN, ARMM and Cagayan Valley were the top contributors to the growth in carp production which posted 36.60, 7.96 and 6.02 percent, respectively.
- However, Bicol Region, CALABARZON and MIMAROPA pulled down the overall carp catch.

Bigeye Tuna (Tambakol/Bariles)

- Bigeye tuna production accumulated to 8.71 thousand metric tons and maintained its positive performance at 1.47 percent during the quarter.

- For the past three (3) years, continuous increment on bigeye tuna production was observed. The 2017 volume surpassed the 2016 level by 105.45 percent. Minimal increase was set in 2018 at 1.47 percent.

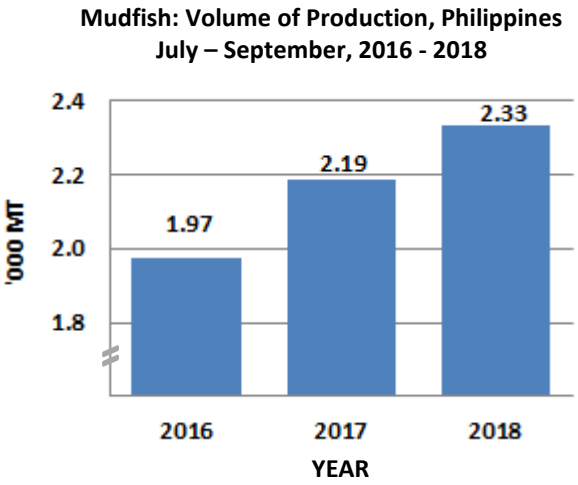


- Bigger volume of bigeye tuna was unloaded in commercial fish landing centers which constituted 71.22 percent of its total production.

- SOCCSKSARGEN was the highest producer of bigeye tuna, accounting for more than half (53.41%) of the total production, followed distantly by Bicol Region and Eastern Visayas with respective contribution of 8.30 and 7.84 percent.

- During the quarter, increases in production were noted in eight (8) regions with CALABARZON, ARMM and Zamboanga Peninsula recording significant increases at 562.13, 43.48 and 59.08 percent, respectively.

- On the other hand, lesser unloadings of bigeye tuna were registered in Bicol Region, Eastern Visayas and Davao Region.



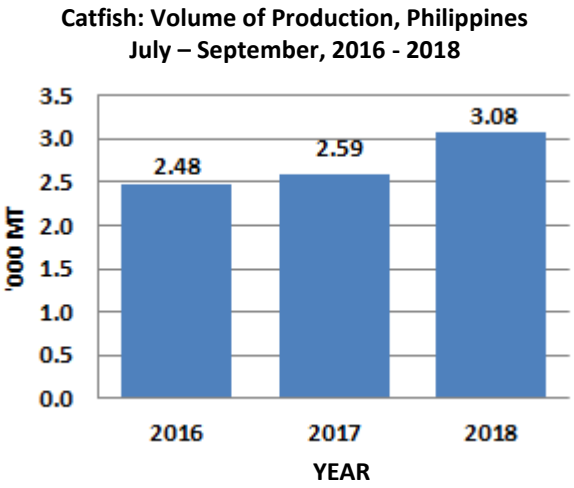
Mudfish

- During the third quarter of 2018, the volume of mudfish production was 2.33 thousand metric tons. It posted a 6.56 percent increase from the level in same quarter of the previous year.
- The volume indicated increasing trend from 2016 to 2018 by 10.80 and 6.56 percent.
- Majority (97.17%) of mudfish output was caught in inland bodies of water. The remaining 2.83 percent came from aquaculture.
- The 73.64 percent of the total catch of mudfish came from three (3) top producing regions, namely: SOCCSKSARGEN, Central Luzon and ARMM.
- During the quarter, the production increments in the said regions also contributed significantly in the overall performance of the species.
- Bicol Region, Western Visayas and CALABARZON exhibited double-digit declines in mudfish production at 42.40 percent, 63.67 percent and 9.77 percent, respectively.

Catfish

- A double-digit increment of 18.85 percent was noted on catfish production. Its volume of production during the third quarter was posted at 3.08 thousand metric tons.

- The increase during the period was higher compared to the growth rate during the same quarter in 2017. Catfish production maintained an increasing trend for the past three (3) years.



- Of the total catfish output during the period, around 63.08 percent was caught in inland waters while the rest were harvests from aquafarms.

- Central Luzon, SOCCSKSARGEN and CALABARZON were the top catfish producing regions and their production comprised 60.31 percent of the total catfish output during the period.

- During the quarter, the regions which exhibited high growth rates were Central Luzon (81.01%), Western Visayas (54.82%) and Davao Region (40.00%).

- On the other hand, significant decreases in catfish production were noted in Bicol Region, Zamboanga Peninsula and CALABARZON.

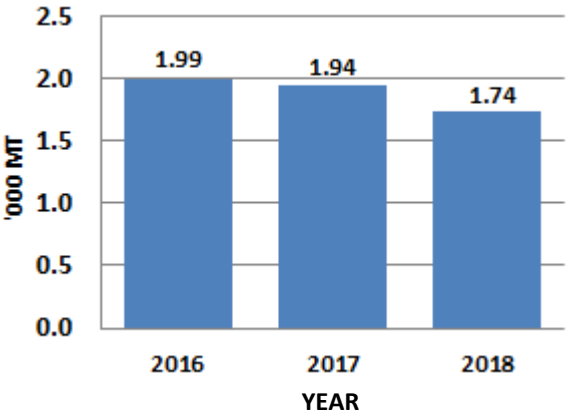
White Shrimp and Endeavor Prawn

- White shrimp production mounted up to 1.74 thousand metric tons and registered a 10.66 percent decrease during the quarter. On the other hand, endeavor prawn production increased by 3.83 percent at 0.32 thousand metric tons.

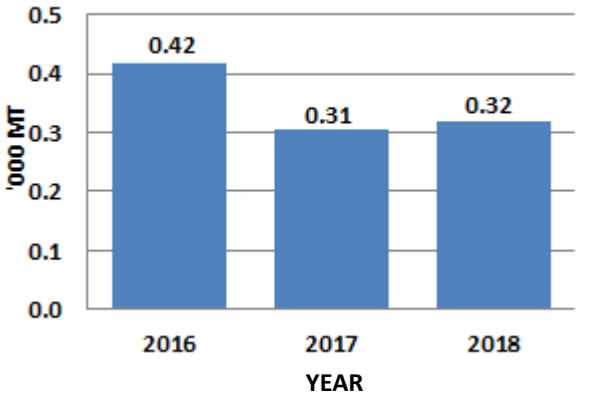
- By subsector, inland fisheries shared 65.70 percent to total white shrimp production while the rest was from aquaculture. Endeavor prawn output at 60.05 percent came from inland fisheries and 39.95 percent from aquaculture.

- The top white shrimp producing regions were Central Luzon, CALABARZON and Cagayan Valley with combined share of 60.66 percent to the country's total output. For endeavor prawn, production of Western Visayas, Ilocos and Bicol Region accounted for 74.46 percent of the total output.

White Shrimp: Volume of Production, Philippines
July – September, 2016 - 2018

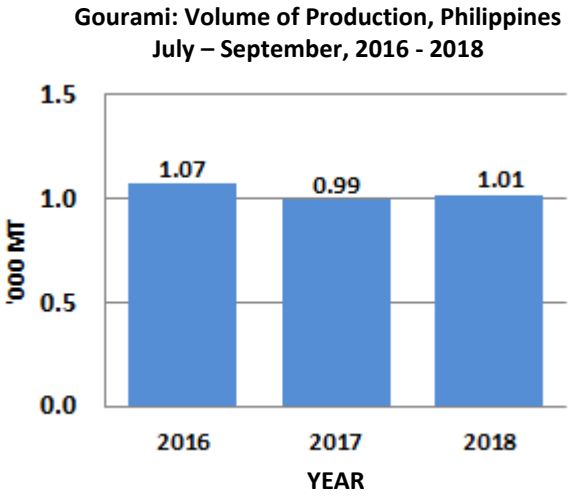


Endeavor Prawn: Volume of Production, Philippines
July – September, 2016 - 2018



- During the quarter, significant decline in output of white shrimp came from Zamboanga Peninsula (67.12%), Davao Region (91.23%) and Ilocos Region (46.29%).

- Moreover, Western Visayas, Central Luzon and Cagayan Valley regions displayed positive growth rates of 14.71 percent, 15.37 percent and 8.84 percent, respectively for endeavor prawn.



Gourami

- The total gourami production during the third quarter of 2018 was 1.01 thousand metric tons. It posted a 2.08 percent increase from the same quarter of the previous year's level.

- For the past three (3) years, gourami production decreased from 2016 to 2017, but picked up in 2018 during the same quarter.

- Inland municipal subsector dominated the share in gourami production at 99.49 percent over aquaculture subsector with barely 0.51 percent.

- The combined fish caught of the top producing regions, namely: SOCCSKSARGEN, Central Luzon and ARMM comprised 88.04 percent of the total gourami output during the period.

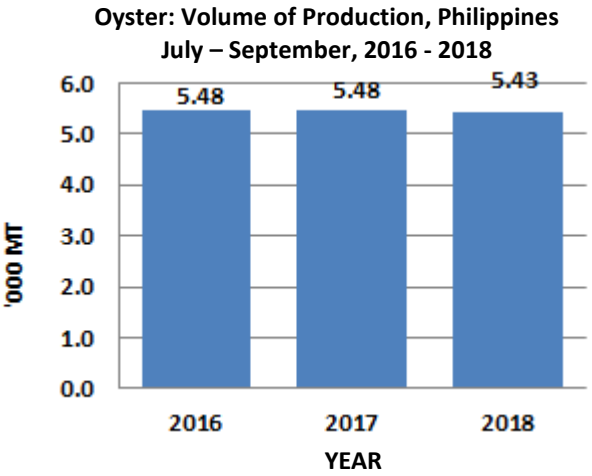
- During the third quarter of 2018, Central Luzon and ARMM posted positive growth rates of 37.67 percent and 5.88 percent, respectively.

- However, decreases in volume of fish caught were noted in SOCCSKSARGEN, Caraga and Northern Mindanao.

Oyster

- Volume of production of oyster during the quarter was estimated at 5.4 thousand metric tons which went down by 0.91 percent from the same quarter level of 2017.

- Volume of production posted almost the same level at 5.4 thousand metric tons for the past three (3) years but merely increased from 2016 to 2017.



- Of the total production during the quarter, 95.45 percent was contributed by aquaculture while the rest by inland municipal.

- The top contributors to oyster production were Western Visayas, Central Visayas and Ilocos Region with a total share of 91.41 percent.

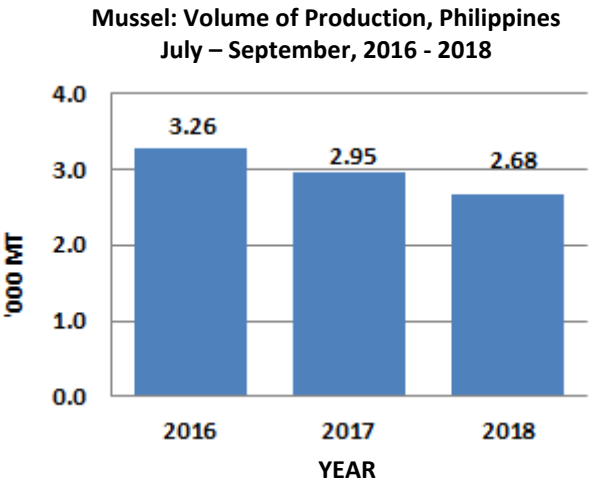
- Central Luzon, Ilocos Region and Caraga recorded declines in production during the quarter with 84.24 percent, 17.82 percent and 12.84 percent, respectively. While no production was recorded in Eastern Visayas.

- Increments in production during the quarter were evident in Western Visayas at 3.88 percent, Central Visayas at 89.64 pecent and Davao Region, 26.79 percent.

Mussel

- Production of mussel during the quarter was recorded at 2.68 thousand metric tons which dropped by 9.38 percent compared to the same quarter in 2017.

- Decreases in production were observed from 2016 to 2017 and 2017 to 2018 with 9.53 percent and 9.38 percent, respectively.



- The top producing regions in mussel production were Eastern Visayas, Western Visayas and Bicol Region with a total share of 82.8 percent.

- Reductions in mussel production were visible in NCR, Central Luzon and Eastern Visayas with 53.54, 35.35 and 2.65 percent, respectively.

- On the other hand, increments in mussel production were evident in Bicol Region, CALABARZON and Davao Region with to 9.53, 25.02 and 73.26 percent, respectively.

Table 1. Summary Statistics on Volume of Fisheries Production by Subsector: Philippines, Third Quarter, 2016 - 2018
(in Metric Tons)

Subsector	2016	2017	2018	Percent Change	
				2017/2016	2018/2017
Fisheries	**1,010,678.39**	**973,269.43**	**972,910.73**	**(3.70)**	**(0.04)**
Commercial Fisheries	272,277.60	236,596.02	232,809.29	(13.10)	(1.60)
Municipal Fisheries	283,898.14	280,739.00	273,239.88	(1.11)	(2.67)
Marine	241,478.33	237,989.79	230,528.83	(1.44)	(3.13)
Inland	42,419.81	42,749.21	42,711.05	0.78	(0.09)
Aquaculture	454,502.65	455,934.41	466,861.56	0.32	2.40

Table 2. Volume of Fisheries Production by Species: Philippines, Third Quarter, 2016 - 2018
(in Metric Tons)

Species	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Fisheries	**1,010,678.39**	**973,269.43**	**972,910.73**	**(3.70)**	**(0.04)**	**(0.04)**
Milkfish	108,599.37	107,802.73	99,262.32	(0.73)	(7.92)	(0.95)
Tilapia	52,585.95	52,465.64	59,748.68	(0.23)	13.88	0.81
Tiger prawn	10,057.60	10,138.44	9,546.25	0.80	(5.84)	(0.07)
Roundscad (Galunggong)	49,056.99	47,159.90	43,834.08	(3.87)	(7.05)	(0.37)
Skipjack (Gulyasan)	59,031.42	60,036.95	61,415.72	1.70	2.30	0.15
Yellowfin tuna (Tambakol/Bariles)	25,702.41	23,169.09	19,699.82	(9.86)	(14.97)	(0.39)
Seaweed	277,217.78	278,253.08	292,620.69	0.37	5.16	1.60
Frigate tuna (Tulingan)	30,145.25	27,671.58	26,460.48	(8.21)	(4.38)	(0.14)
Indian sardines (Tamban)	87,894.42	69,664.77	77,545.81	(20.74)	11.31	0.88
Big-eyed scad (Matangbaka)	35,809.91	30,355.52	27,103.41	(15.23)	(10.71)	(0.36)
Indian mackerel (Alumahan)	16,429.20	13,299.10	12,559.76	(19.05)	(5.56)	(0.08)
Squid (Pusit)	11,186.05	11,241.06	10,517.53	0.49	(6.44)	(0.08)
Mudcrab	4,464.01	4,871.31	4,900.16	9.12	0.59	0.00
Threadfin bream (Bisugo)	10,546.18	10,306.85	8,990.13	(2.27)	(12.78)	(0.15)
Fimbriated sardines (Tunsoy)	18,644.26	19,189.80	15,052.38	2.93	(21.56)	(0.46)
Anchovies (Dilis)	11,534.05	11,035.75	11,656.38	(4.32)	5.62	0.07
Indo-pacific mackerel (Hasa-hasa)	9,484.00	9,232.96	7,619.95	(2.65)	(17.47)	(0.18)
Blue crab (Alimasag)	6,875.16	9,096.40	10,704.44	32.31	17.68	0.18
Eastern little tuna (Bonito)	9,376.10	8,768.12	7,946.28	(6.48)	(9.37)	(0.09)
Grouper (Lapu-lapu)	4,022.18	4,224.14	4,761.00	5.02	12.71	0.06
Carp	5,774.41	5,324.25	5,452.15	(7.80)	2.40	0.01
Bigeye tuna (Tambakol/ Bariles)	4,180.17	8,588.21	8,714.26	105.45	1.47	0.01
Mudfish	1,974.48	2,187.75	2,331.16	10.80	6.56	0.02
Catfish	2,475.50	2,589.65	3,077.72	4.61	18.85	0.05
Endeavor prawn	415.75	306.34	318.07	(26.32)	3.83	0.00
Gourami	1,070.70	994.01	1,014.70	(7.16)	2.08	0.00
Oyster	5,481.72	5,483.53	5,433.66	0.03	(0.91)	(0.01)
Mussel	3,263.56	2,952.58	2,675.59	(9.53)	(9.38)	(0.03)
Slipmouth (Sapsap)	13,785.80	13,042.85	12,761.94	(5.39)	(2.15)	(0.03)
Cavalla (Talakitok)	6,230.34	5,895.75	5,937.69	(5.37)	0.71	0.00
Crevalle (Salay-salay)	9,856.91	7,131.02	7,215.44	(27.65)	1.18	0.01
Snapper (Maya-maya)	4,388.71	4,228.59	3,330.00	(3.65)	(21.25)	(0.10)
Siganid (Samaral)	6,417.27	5,735.23	5,929.86	(10.63)	3.39	0.02
Spanish mackerel (Tanigue)	4,017.41	3,983.44	3,984.48	(0.85)	0.03	0.00
Goatfish (Saramulyete)	6,434.94	6,092.93	6,443.36	(5.31)	5.75	0.04
Caesio (Dalagang-bukid)	3,743.06	4,069.81	4,011.57	8.73	(1.43)	(0.01)
Flying fish (Bolador)	3,466.33	3,105.55	2,982.45	(10.41)	(3.96)	(0.01)
Hairtail (Espada)	4,058.23	3,860.88	3,080.42	(4.86)	(20.21)	(0.09)
Porgies (Pargo)	2,536.02	2,488.29	2,739.86	(1.88)	10.11	0.03
Parrot fish (Loro)	3,905.35	3,908.07	3,517.21	0.07	(10.00)	(0.04)
Mullet (Kapak)	3,465.18	3,782.74	3,281.10	9.16	(13.26)	(0.06)
Acetes (Alamang)	1,867.02	1,492.13	2,548.32	(20.08)	70.78	0.12
Round herring (Tulis)	1,485.50	1,968.14	1,115.72	32.49	(43.31)	(0.10)
White shrimp	1,992.08	1,944.30	1,736.97	(2.40)	(10.66)	(0.02)
Others	69,729.67	64,130.18	61,331.79	(8.03)	(4.36)	(0.31)

Table 3. Volume of Commercial Fisheries Production by Species: Philippines, Third Quarter, 2016 - 2018
(in Metric Tons)

Species	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Commercial Fisheries	**272,277.60**	**236,596.02**	**232,809.29**	**(13.10)**	**(1.60)**	**(1.60)**
Milkfish				-	-	-
Tilapia				-	-	-
Tiger prawn				-	-	-
Roundscad (Galunggong)	34,536.80	31,640.39	30,264.69	(8.39)	(4.35)	(0.58)
Skipjack (Gulyasan)	51,564.46	52,476.45	54,801.25	1.77	4.43	0.98
Yellowfin tuna (Tambakol/Bariles)	16,496.84	13,831.47	10,951.54	(16.16)	(20.82)	(1.22)
Seaweed				-	-	-
Frigate tuna (Tulingan)	17,012.91	14,519.87	13,093.25	(14.65)	(9.83)	(0.60)
Indian sardines (Tamban)	69,449.59	52,639.08	60,798.44	(24.21)	15.50	3.45
Big-eyed scad (Matangbaka)	15,449.28	11,873.19	9,212.32	(23.15)	(22.41)	(1.12)
Indian mackerel (Alumahan)	6,784.45	5,099.74	4,092.72	(24.83)	(19.75)	(0.43)
Squid (Pusit)	2,591.75	2,101.26	2,753.87	(18.93)	31.06	0.28
Mudcrab				-	-	-
Threadfin bream (Bisugo)	1,430.11	1,635.70	1,207.46	14.38	(26.18)	(0.18)
Fimbriated sardines (Tunsoy)	9,881.12	10,091.52	8,272.46	2.13	(18.03)	(0.77)
Anchovies (Dilis)	4,264.38	3,773.62	3,676.13	(11.51)	(2.58)	(0.04)
Indo-pacific mackerel (Hasa-hasa)	3,251.49	2,974.65	2,635.20	(8.51)	(11.41)	(0.14)
Blue crab (Alimasag)	253.34	235.36	329.26	(7.10)	39.90	0.04
Eastern little tuna (Bonito)	5,780.77	4,856.58	4,548.82	(15.99)	(6.34)	(0.13)
Grouper (Lapu-lapu)	448.31	369.81	265.25	(17.51)	(28.27)	(0.04)
Carp				-	-	-
Bigeye tuna (Tambakol/ Bariles)	2,101.74	5,866.22	6,205.99	179.11	5.79	0.14
Mudfish				-	-	-
Catfish				-	-	-
Endeavor prawn				-	-	-
Gourami				-	-	-
Oyster				-	-	-
Mussel				-	-	-
Slipmouth (Sapsap)	3,417.80	3,469.92	2,581.39	1.52	(25.61)	(0.38)
Cavalla (Talakitok)	1,179.32	689.27	681.97	(41.55)	(1.06)	(0.00)
Crevalle (Salay-salay)	4,668.69	1,614.07	1,251.41	(65.43)	(22.47)	(0.15)
Snapper (Maya-maya)	563.42	347.58	289.21	(38.31)	(16.79)	(0.02)
Siganid (Samaral)	287.62	224.08	333.06	(22.09)	48.63	0.05
Spanish mackerel (Tanigue)	1,048.12	968.84	1,007.50	(7.56)	3.99	0.02
Goatfish (Saramulyete)	1,661.13	1,107.51	1,233.44	(33.33)	11.37	0.05
Caesio (Dalagang-bukid)	813.75	896.47	713.87	10.17	(20.37)	(0.08)
Flying fish (Bolador)	552.33	531.90	489.19	(3.70)	(8.03)	(0.02)
Hairtail (Espada)	1,453.71	1,464.00	1,006.18	0.71	(31.27)	(0.19)
Porgies (Pargo)	327.34	361.90	298.35	10.56	(17.56)	(0.03)
Parrot fish (Loro)	120.30	106.84	125.19	(11.19)	17.18	0.01
Mullet (Kapak)	102.50	48.14	80.38	(53.03)	66.97	0.01
Acetes (Alamang)	80.09	63.78	34.97	(20.36)	(45.17)	(0.01)
Round herring (Tulis)	251.63	212.17	176.34	(15.68)	(16.89)	(0.02)
White shrimp				-	-	-
Others	14,452.51	10,504.64	9,398.19	(27.32)	(10.53)	(0.47)

Table 4. Volume of Marine Municipal Fisheries Production by Species: Philippines, Third Quarter, 2016 - 2018
(in Metric Tons)

Species	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Marine Municipal Fisheries	**241,478.33**	**237,989.79**	**230,528.83**	**(1.44)**	**(3.13)**	**(3.13)**
Milkfish				-	-	-
Tilapia				-	-	-
Tiger prawn				-	-	-
Roundscad (Galunggong)	14,520.19	15,519.51	13,569.39	6.88	(12.57)	(0.82)
Skipjack (Gulyasan)	7,466.96	7,560.50	6,614.47	1.25	(12.51)	(0.40)
Yellowfin tuna (Tambakol/Bariles)	9,205.57	9,337.62	8,748.28	1.43	(6.31)	(0.25)
Seaweed				-	-	-
Frigate tuna (Tulingan)	13,132.34	13,151.71	13,367.23	0.15	1.64	0.09
Indian sardines (Tamban)	18,444.83	17,025.69	16,747.37	(7.69)	(1.63)	(0.12)
Big-eyed scad (Matangbaka)	20,360.63	18,482.33	17,891.09	(9.23)	(3.20)	(0.25)
Indian mackerel (Alumahan)	9,644.75	8,199.36	8,467.04	(14.99)	3.26	0.11
Squid (Pusit)	8,594.30	9,139.80	7,763.66	6.35	(15.06)	(0.58)
Mudcrab				-	-	-
Threadfin bream (Bisugo)	9,116.07	8,671.15	7,782.67	(4.88)	(10.25)	(0.37)
Fimbriated sardines (Tunsoy)	8,763.14	9,098.28	6,779.92	3.82	(25.48)	(0.97)
Anchovies (Dilis)	7,269.67	7,262.13	7,980.25	(0.10)	9.89	0.30
Indo-pacific mackerel (Hasa-hasa)	6,232.51	6,258.31	4,984.75	0.41	(20.35)	(0.53)
Blue crab (Alimasag)	6,544.51	8,727.10	10,263.30	33.35	17.60	0.64
Eastern little tuna (Bonito)	3,595.33	3,911.54	3,397.46	8.80	(13.14)	(0.22)
Grouper (Lapu-lapu)	3,551.18	3,823.14	4,458.57	7.66	16.62	0.27
Carp				-	-	-
Bigeye tuna (Tambakol/ Bariles)	2,078.43	2,721.99	2,508.27	30.96	(7.85)	(0.09)
Mudfish				-	-	-
Catfish				-	-	-
Endeavor prawn				-	-	-
Gourami				-	-	-
Oyster				-	-	-
Mussel				-	-	-
Slipmouth (Sapsap)	10,368.00	9,572.93	10,180.55	(7.67)	6.35	0.25
Cavalla (Talakitok)	5,051.02	5,206.48	5,255.72	3.08	0.95	0.02
Crevalle (Salay-salay)	5,188.22	5,516.95	5,964.03	6.34	8.10	0.19
Snapper (Maya-maya)	3,825.29	3,881.01	3,040.79	1.46	(21.65)	(0.35)
Siganid (Samaral)	6,097.96	5,501.91	5,583.26	(9.77)	1.48	0.03
Spanish mackerel (Tanigue)	2,969.29	3,014.60	2,976.98	1.53	(1.25)	(0.02)
Goatfish (Saramulyete)	4,773.81	4,985.42	5,209.92	4.43	4.50	0.09
Caesio (Dalagang-bukid)	2,929.31	3,173.34	3,297.70	8.33	3.92	0.05
Flying fish (Bolador)	2,914.00	2,573.65	2,493.26	(11.68)	(3.12)	(0.03)
Hairtail (Espada)	2,604.52	2,396.88	2,074.24	(7.97)	(13.46)	(0.14)
Porgies (Pargo)	2,208.68	2,126.39	2,441.51	(3.73)	14.82	0.13
Parrot fish (Loro)	3,785.05	3,801.23	3,392.02	0.43	(10.77)	(0.17)
Mullet (Kapak)	3,039.87	3,451.10	2,943.15	13.53	(14.72)	(0.21)
Acetes (Alamang)	1,786.93	1,428.35	2,513.35	(20.07)	75.96	0.46
Round herring (Tulis)	1,233.87	1,755.97	939.38	42.31	(46.50)	(0.34)
White shrimp				-	-	-
Others	34,182.10	30,713.42	30,899.31	(10.15)	0.61	0.08

Table 5. Volume of Inland Fisheries Production by Species: Philippines, Third Quarter, 2016 - 2018
(in Metric Tons)

Species	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Inland Fisheries	**42,419.81**	**42,749.21**	**42,711.05**	**0.78**	**(0.09)**	**(0.09)**
Milkfish	1,381.31	1,337.67	1,458.79	(3.16)	9.05	0.29
Tilapia	12,116.30	11,902.09	12,533.18	(1.77)	5.30	1.49
Tiger prawn	28.23	22.22	27.77	(21.29)	24.98	0.01
Roundscad (Galunggong)				-	-	-
Skipjack (Gulyasan)				-	-	-
Yellowfin tuna (Tambakol/Bariles)				-	-	-
Seaweed				-	-	-
Frigate tuna (Tulingan)				-	-	-
Indian sardines (Tamban)				-	-	-
Big-eyed scad (Matangbaka)				-	-	-
Indian mackerel (Alumahan)				-	-	-
Squid (Pusit)				-	-	-
Mudcrab	269.92	275.65	258.98	2.12	(6.05)	(0.04)
Threadfin bream (Bisugo)				-	-	-
Fimbriated sardines (Tunsoy)				-	-	-
Anchovies (Dilis)				-	-	-
Indo-pacific mackerel (Hasa-hasa)				-	-	-
Blue crab (Alimasag)	77.31	133.94	111.88	73.25	(16.47)	(0.05)
Eastern little tuna (Bonito)				-	-	-
Grouper (Lapu-lapu)				-	-	-
Carp	3,577.73	3,914.17	4,257.65	9.40	8.78	0.81
Bigeye tuna (Tambakol/ Bariles)				-	-	-
Mudfish	1,895.40	2,123.82	2,265.26	12.05	6.66	0.33
Catfish	1,916.69	1,891.57	1,941.41	(1.31)	2.63	0.12
Endeavor prawn	232.75	179.88	191.00	(22.72)	6.18	0.03
Gourami	1,065.66	989.07	1,009.54	(7.19)	2.07	0.05
Oyster	571.63	297.93	247.00	(47.88)	(17.09)	(0.12)
Mussel				-	-	-
Slipmouth (Sapsap)				-	-	-
Cavalla (Talakitok)				-	-	-
Crevalle (Salay-salay)				-	-	-
Snapper (Maya-maya)				-	-	-
Siganid (Samaral)				-	-	-
Spanish mackerel (Tanigue)				-	-	-
Goatfish (Saramulyete)				-	-	-
Caesio (Dalagang-bukid)				-	-	-
Flying fish (Bolador)				-	-	-
Hairtail (Espada)				-	-	-
Porgies (Pargo)				-	-	-
Parrot fish (Loro)				-	-	-
Mullet (Kapak)	322.81	283.50	257.57	(12.18)	(9.15)	(0.06)
Acetes (Alamang)				-	-	-
Round herring (Tulis)				-	-	-
White shrimp	1,066.47	990.43	1,141.19	(7.13)	15.22	0.36
Others	17,897.60	18,407.27	17,009.83	2.85	(7.59)	(3.30)

Table 6. Volume of Aquaculture Production by Species: Philippines, Thrird Quarter, 2016 - 2018
(in Metric Tons)

Species	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Aquaculture	**454,502.65**	**455,934.41**	**466,861.56**	**0.32**	**2.40**	**2.40**
Milkfish	107,218.06	106,465.06	97,803.53	(0.70)	(8.14)	(1.90)
Tilapia	40,469.65	40,563.55	47,215.50	0.23	16.40	1.46
Tiger prawn	10,029.37	10,116.22	9,518.48	0.87	(5.91)	(0.13)
Roundscad (Galunggong)				-	-	-
Skipjack (Gulyasan)				-	-	-
Yellowfin tuna (Tambakol/Bariles)				-	-	-
Seaweed	277,217.78	278,253.08	292,620.69	0.37	5.16	3.16
Frigate tuna (Tulingan)				-	-	-
Indian sardines (Tamban)				-	-	-
Big-eyed scad (Matangbaka)				-	-	-
Indian mackerel (Alumahan)				-	-	-
Squid (Pusit)				-	-	-
Mudcrab	4,194.09	4,595.66	4,641.18	9.57	0.99	0.01
Threadfin bream (Bisugo)				-	-	-
Fimbriated sardines (Tunsoy)				-	-	-
Anchovies (Dilis)				-	-	-
Indo-pacific mackerel (Hasa-hasa)				-	-	-
Blue crab (Alimasag)				-	-	-
Eastern little tuna (Bonito)				-	-	-
Grouper (Lapu-lapu)	22.69	31.19	37.19	37.51	19.22	0.00
Carp	2,196.68	1,410.08	1,194.50	(35.81)	(15.29)	(0.05)
Bigeye tuna (Tambakol/ Bariles)				-	-	-
Mudfish	79.08	63.93	65.90	(19.16)	3.09	0.00
Catfish	558.81	698.08	1,136.31	24.92	62.78	0.10
Endeavor prawn	183.00	126.46	127.07	(30.90)	0.48	0.00
Gourami	5.04	4.94	5.16	(2.01)	4.56	0.00
Oyster	4,910.09	5,185.60	5,186.66	5.61	0.02	0.00
Mussel	3,263.56	2,952.58	2,675.59	(9.53)	(9.38)	(0.06)
Slipmouth (Sapsap)				-	-	-
Cavalla (Talakitok)				-	-	-
Crevalle (Salay-salay)				-	-	-
Snapper (Maya-maya)				-	-	-
Siganid (Samaral)	31.69	9.24	13.54	(70.84)	46.54	0.00
Spanish mackerel (Tanigue)				-	-	-
Goatfish (Saramulyete)				-	-	-
Caesio (Dalagang-bukid)				-	-	-
Flying fish (Bolador)				-	-	-
Hairtail (Espada)				-	-	-
Porgies (Pargo)				-	-	-
Parrot fish (Loro)				-	-	-
Mullet (Kapak)				-	-	-
Acetes (Alamang)				-	-	-
Round herring (Tulis)				-	-	-
White shrimp	925.61	953.87	595.78	3.05	(37.54)	(0.08)
Others	3,197.46	4,504.85	4,024.46	40.89	(10.66)	(0.11)

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Fisheries	**1,010,678.39**	**973,269.43**	**972,910.73**	**(3.70)**	**(0.04)**	**(0.04)**
NCR	31,321.31	17,342.10	21,911.40	(44.63)	26.35	0.51
CAR	841.19	809.86	819.35	(3.72)	1.17	0.00
I - Ilocos Region	24,599.07	24,799.51	23,364.71	0.81	(5.79)	(0.16)
II - Cagayan Valley	13,523.71	12,492.15	12,350.76	(7.63)	(1.13)	(0.02)
III - Central Luzon	38,722.47	39,825.20	41,725.47	2.85	4.77	0.21
IVA - CALABARZON	82,806.60	86,620.17	77,047.62	4.61	(11.05)	(1.07)
IVB - MIMAROPA	81,588.35	82,329.49	85,486.39	0.91	3.83	0.35
V - Bicol Region	60,969.97	67,772.24	66,387.12	11.16	(2.04)	(0.15)
VI - Western Visayas	102,345.60	101,156.64	98,534.51	(1.16)	(2.59)	(0.29)
VII - Central Visayas	43,206.29	29,408.72	27,898.74	(31.93)	(5.13)	(0.17)
VIII - Eastern Visayas	39,549.90	35,028.77	30,865.05	(11.43)	(11.89)	(0.46)
IX - Zamboanga Peninsula	161,660.68	141,779.71	147,410.45	(12.30)	3.97	0.63
X - Northern Mindanao	46,205.58	42,960.87	42,033.41	(7.02)	(2.16)	(0.10)
XI - Davao Region	18,013.74	13,965.47	14,479.48	(22.47)	3.68	0.06
XII - SOCCSKSARGEN	76,599.29	76,487.36	74,583.04	(0.15)	(2.49)	(0.21)
Caraga	19,627.83	18,278.89	17,948.72	(6.87)	(1.81)	(0.04)
ARMM	169,096.81	182,212.27	190,064.50	7.76	4.31	0.88
Milkfish	**108,599.37**	**107,802.73**	**99,262.32**	**(0.73)**	**(7.92)**	**(7.92)**
NCR	665.72	780.56	280.92	17.25	(64.01)	(0.46)
CAR	-	-	-	-	-	-
I - Ilocos Region	17,598.35	17,746.44	17,143.21	0.84	(3.40)	(0.56)
II - Cagayan Valley	33.28	23.17	24.38	(30.37)	5.21	0.00
III - Central Luzon	10,427.87	9,350.53	8,333.39	(10.33)	(10.88)	(0.94)
IVA - CALABARZON	22,777.44	26,374.23	17,634.43	15.79	(33.14)	(8.10)
IVB - MIMAROPA	1,592.56	1,029.09	856.64	(35.38)	(16.76)	(0.16)
V - Bicol Region	1,225.29	1,461.40	1,366.11	19.27	(6.52)	(0.09)
VI - Western Visayas	29,783.56	30,984.40	34,352.65	4.03	10.87	3.12
VII - Central Visayas	1,802.35	1,593.70	1,623.44	(11.58)	1.87	0.03
VIII - Eastern Visayas	1,336.07	1,390.25	1,345.28	4.05	(3.23)	(0.04)
IX - Zamboanga Peninsula	2,849.18	2,817.48	2,598.24	(1.11)	(7.78)	(0.20)
X - Northern Mindanao	6,088.74	6,047.07	5,576.58	(0.68)	(7.78)	(0.44)
XI - Davao Region	9,027.95	5,097.80	5,590.34	(43.53)	9.66	0.46
XII - SOCCSKSARGEN	1,437.92	1,157.72	468.38	(19.49)	(59.54)	(0.64)
Caraga	633.35	533.81	606.88	(15.72)	13.69	0.07
ARMM	1,319.74	1,415.09	1,461.44	7.22	3.28	0.04
Tilapia	**52,585.95**	**52,465.64**	**59,748.68**	**(0.23)**	**13.88**	**13.88**
NCR	160.66	116.58	129.62	(27.43)	11.18	0.02
CAR	700.85	680.95	674.63	(2.84)	(0.93)	(0.01)
I - Ilocos Region	706.03	706.05	476.01	0.00	(32.58)	(0.44)
II - Cagayan Valley	2,944.99	2,956.16	3,153.66	0.38	6.68	0.38
III - Central Luzon	12,639.72	12,605.95	14,175.05	(0.27)	12.45	2.99
IVA - CALABARZON	21,587.47	20,851.06	25,018.04	(3.41)	19.98	7.94
IVB - MIMAROPA	224.62	157.68	147.59	(29.80)	(6.40)	(0.02)
V - Bicol Region	3,098.28	3,752.51	3,629.17	21.12	(3.29)	(0.24)
VI - Western Visayas	313.28	433.92	415.32	38.51	(4.29)	(0.04)
VII - Central Visayas	78.25	150.55	152.94	92.39	1.59	0.00
VIII - Eastern Visayas	142.59	124.73	104.71	(12.53)	(16.05)	(0.04)
IX - Zamboanga Peninsula	144.96	153.25	128.80	5.72	(15.95)	(0.05)
X - Northern Mindanao	576.83	778.51	780.85	34.96	0.30	0.00
XI - Davao Region	875.40	771.87	479.33	(11.83)	(37.90)	(0.56)
XII - SOCCSKSARGEN	3,428.47	3,263.57	4,216.76	(4.81)	29.21	1.82
Caraga	250.94	272.60	292.38	8.63	7.25	0.04
ARMM	4,712.60	4,689.72	5,773.84	(0.49)	23.12	2.07

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Tiger Prawn	**10,057.60**	**10,138.44**	**9,546.25**	**0.80**	**(5.84)**	**(5.84)**
NCR	-	0.04	-	-	(100.00)	(0.00)
CAR	-	-	-	-	-	-
I - Ilocos Region	400.13	379.83	340.75	(5.07)	(10.29)	(0.39)
II - Cagayan Valley	12.35	11.64	16.79	(5.76)	44.29	0.05
III - Central Luzon	2,706.60	2,844.16	2,539.59	5.08	(10.71)	(3.00)
IVA - CALABARZON	63.52	173.45	197.78	173.06	14.03	0.24
IVB - MIMAROPA	177.07	106.29	96.90	(39.97)	(8.83)	(0.09)
V - Bicol Region	212.41	171.45	153.09	(19.28)	(10.71)	(0.18)
VI - Western Visayas	123.60	127.02	131.20	2.77	3.29	0.04
VII - Central Visayas	50.52	96.37	180.65	90.78	87.44	0.83
VIII - Eastern Visayas	38.06	212.11	250.31	457.27	18.01	0.38
IX - Zamboanga Peninsula	593.64	538.12	418.57	(9.35)	(22.22)	(1.18)
X - Northern Mindanao	5,539.12	5,352.76	5,065.70	(3.36)	(5.36)	(2.83)
XI - Davao Region	12.67	12.85	87.18	1.42	578.48	0.73
XII - SOCCSKSARGEN	0.12	0.01	0.04	(92.04)	300.00	0.00
Caraga	87.20	66.28	22.82	(23.99)	(65.57)	(0.43)
ARMM	40.59	46.07	44.90	13.49	(2.55)	(0.01)
Roundscad (Galunggong)	**49,056.99**	**47,159.90**	**43,834.08**	**(3.87)**	**(7.05)**	**(7.05)**
NCR	11,791.87	5,981.54	9,422.33	(49.27)	57.52	7.29
CAR	-	-	-	-	-	-
I - Ilocos Region	986.82	988.14	884.11	0.13	(10.53)	(0.22)
II - Cagayan Valley	578.51	412.26	387.08	(28.74)	(6.11)	(0.05)
III - Central Luzon	286.75	674.55	490.56	135.24	(27.28)	(0.39)
IVA - CALABARZON	2,437.56	2,060.53	1,766.01	(15.47)	(14.29)	(0.62)
IVB - MIMAROPA	2,715.84	2,788.14	2,793.31	2.66	0.19	0.01
V - Bicol Region	5,853.34	5,558.44	3,693.96	(5.04)	(33.54)	(3.95)
VI - Western Visayas	2,826.72	3,106.10	1,717.34	9.88	(44.71)	(2.94)
VII - Central Visayas	2,321.00	1,577.03	1,739.95	(32.05)	10.33	0.35
VIII - Eastern Visayas	2,459.88	2,454.75	1,527.82	(0.21)	(37.76)	(1.96)
IX - Zamboanga Peninsula	4,809.71	9,216.93	7,456.65	91.63	(19.10)	(3.73)
X - Northern Mindanao	2,158.43	2,191.22	2,041.97	1.52	(6.81)	(0.32)
XI - Davao Region	944.04	657.76	477.96	(30.32)	(27.34)	(0.38)
XII - SOCCSKSARGEN	3,331.65	3,507.49	2,689.28	5.28	(23.33)	(1.73)
Caraga	519.32	543.57	521.13	4.67	(4.13)	(0.05)
ARMM	5,035.55	5,441.45	6,224.62	8.06	14.39	1.66
Skipjack (Gulyasan)	**59,031.42**	**60,036.95**	**61,415.72**	**1.70**	**2.30**	**2.30**
NCR	390.50	568.07	437.65	45.47	(22.96)	(0.22)
CAR	-	-	-	-	-	-
I - Ilocos Region	572.79	559.07	372.36	(2.40)	(33.40)	(0.31)
II - Cagayan Valley	239.07	185.92	179.54	(22.23)	(3.43)	(0.01)
III - Central Luzon	481.72	495.46	497.01	2.85	0.31	0.00
IVA - CALABARZON	371.77	392.89	555.89	5.68	41.49	0.27
IVB - MIMAROPA	1,083.97	1,032.33	596.36	(4.76)	(42.23)	(0.73)
V - Bicol Region	690.91	787.70	401.38	14.01	(49.04)	(0.64)
VI - Western Visayas	631.84	437.76	350.09	(30.72)	(20.03)	(0.15)
VII - Central Visayas	97.89	174.48	159.46	78.24	(8.61)	(0.03)
VIII - Eastern Visayas	2,033.21	1,638.72	1,182.33	(19.40)	(27.85)	(0.76)
IX - Zamboanga Peninsula	2,768.41	1,658.22	1,833.84	(40.10)	10.59	0.29
X - Northern Mindanao	206.79	287.66	313.50	39.11	8.98	0.04
XI - Davao Region	309.86	343.07	408.73	10.72	19.14	0.11
XII - SOCCSKSARGEN	45,004.86	47,172.94	49,726.06	4.82	5.41	4.26
Caraga	1,033.99	1,077.12	1,115.57	4.17	3.57	0.06
ARMM	3,113.84	3,225.54	3,285.95	3.59	1.87	0.10

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Yellowfin tuna (Tambakol/Bariles)	**25,702.41**	**23,169.09**	**19,699.82**	**(9.86)**	**(14.97)**	**(14.97)**
NCR	244.27	295.15	151.73	20.83	(48.59)	(0.62)
CAR	-	-	-	-	-	-
I - Ilocos Region	497.60	544.17	422.98	9.36	(22.27)	(0.52)
II - Cagayan Valley	337.58	329.56	319.30	(2.38)	(3.11)	(0.04)
III - Central Luzon	465.06	538.05	974.24	15.69	81.07	1.88
IVA - CALABARZON	1,211.43	1,821.07	1,740.77	50.32	(4.41)	(0.35)
IVB - MIMAROPA	1,232.44	1,056.65	463.65	(14.26)	(56.12)	(2.56)
V - Bicol Region	532.58	755.23	725.26	41.81	(3.97)	(0.13)
VI - Western Visayas	672.18	357.62	819.95	(46.80)	129.28	1.99
VII - Central Visayas	356.03	251.05	261.17	(29.49)	4.03	0.04
VIII - Eastern Visayas	1,784.73	1,349.66	972.44	(24.38)	(27.95)	(1.63)
IX - Zamboanga Peninsula	3,396.96	1,904.90	2,202.39	(43.92)	15.62	1.28
X - Northern Mindanao	836.21	810.59	774.35	(3.06)	(4.47)	(0.16)
XI - Davao Region	454.88	1,163.02	600.69	155.68	(48.35)	(2.43)
XII - SOCCSKSARGEN	9,376.57	7,773.01	4,991.56	(17.10)	(35.78)	(12.00)
Caraga	870.44	878.50	862.63	0.93	(1.81)	(0.07)
ARMM	3,433.45	3,340.86	3,416.71	(2.70)	2.27	0.33
Seaweed	**277,217.78**	**278,253.08**	**292,620.69**	**0.37**	**5.16**	**5.16**
NCR	-	-	-	-	-	-
CAR	-	-	-	-	-	-
I - Ilocos Region	2.83	2.80	2.10	(1.00)	(25.00)	(0.00)
II - Cagayan Valley	61.85	31.12	32.65	(49.69)	4.92	0.00
III - Central Luzon	0.00	47.30	35.30	0.00	(25.38)	(0.00)
IVA - CALABARZON	15.27	74.23	45.83	386.03	(38.26)	(0.01)
IVB - MIMAROPA	44,109.41	44,782.24	46,952.40	1.53	4.85	0.78
V - Bicol Region	9,611.19	14,480.58	22,048.69	50.66	52.26	2.72
VI - Western Visayas	16,279.47	17,358.90	16,357.36	6.63	(5.77)	(0.36)
VII - Central Visayas	19,774.74	7,810.00	6,964.28	(60.51)	(10.83)	(0.30)
VIII - Eastern Visayas	6,234.29	7,799.87	6,855.47	25.11	(12.11)	(0.34)
IX - Zamboanga Peninsula	44,922.86	42,551.67	46,937.09	(5.28)	10.31	1.57
X - Northern Mindanao	11,181.71	8,246.16	8,954.44	(26.25)	8.59	0.25
XI - Davao Region	794.72	63.71	81.80	(91.98)	28.41	0.01
XII - SOCCSKSARGEN	8.70	0.60	7.58	(93.10)	1,163.20	0.00
Caraga	2,828.30	2,849.24	2,832.32	0.74	(0.59)	(0.01)
ARMM	121,392.43	132,154.67	134,513.36	8.87	1.78	0.85
Frigate tuna (Tulingan)	**30,145.25**	**27,671.58**	**26,460.48**	**(8.21)**	**(4.38)**	**(4.38)**
NCR	2,228.43	1,094.49	354.82	(50.89)	(67.58)	(2.68)
CAR	-	-	-	-	-	-
I - Ilocos Region	177.21	175.93	96.18	(0.72)	(45.33)	(0.29)
II - Cagayan Valley	946.18	860.39	803.65	(9.07)	(6.59)	(0.21)
III - Central Luzon	191.08	407.30	349.52	113.16	(14.19)	(0.21)
IVA - CALABARZON	1,763.50	2,088.69	1,673.30	18.44	(19.89)	(1.50)
IVB - MIMAROPA	1,728.04	2,054.48	2,406.34	18.89	17.13	1.27
V - Bicol Region	3,632.03	3,576.05	3,380.66	(1.54)	(5.46)	(0.71)
VI - Western Visayas	813.83	810.35	775.56	(0.43)	(4.29)	(0.13)
VII - Central Visayas	967.17	1,007.77	857.59	4.20	(14.90)	(0.54)
VIII - Eastern Visayas	1,575.41	1,414.33	1,121.99	(10.22)	(20.67)	(1.06)
IX - Zamboanga Peninsula	2,762.79	2,917.53	3,238.75	5.60	11.01	1.16
X - Northern Mindanao	2,415.34	2,390.16	2,289.83	(1.04)	(4.20)	(0.36)
XI - Davao Region	729.50	343.07	1,000.15	(52.97)	191.53	2.38
XII - SOCCSKSARGEN	3,329.65	1,507.78	697.82	(54.72)	(53.72)	(2.93)
Caraga	1,418.63	1,425.91	1,258.38	0.51	(11.75)	(0.61)
ARMM	5,466.46	5,597.35	6,155.94	2.39	9.98	2.02

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Indian sardines (Tamban)	**87,894.42**	**69,664.77**	**77,545.81**	**(20.74)**	**11.31**	**11.31**
NCR	8,563.28	2,741.47	6,889.95	(67.99)	151.32	5.95
CAR	-	-	-	-	-	-
I - Ilocos Region	28.06	25.44	24.27	(9.34)	(4.60)	(0.00)
II - Cagayan Valley	244.69	125.00	120.36	(48.91)	(3.71)	(0.01)
III - Central Luzon	615.40	556.47	130.92	(9.58)	(76.47)	(0.61)
IVA - CALABARZON	1,383.06	1,628.04	1,477.45	17.71	(9.25)	(0.22)
IVB - MIMAROPA	2,359.82	2,105.14	1,818.88	(10.79)	(13.60)	(0.41)
V - Bicol Region	1,961.23	2,038.26	2,168.07	3.93	6.37	0.19
VI - Western Visayas	3,351.61	3,095.83	1,651.02	(7.63)	(46.67)	(2.07)
VII - Central Visayas	827.55	586.51	465.61	(29.13)	(20.61)	(0.17)
VIII - Eastern Visayas	1,204.76	977.62	1,213.53	(18.85)	24.13	0.34
IX - Zamboanga Peninsula	58,102.60	47,093.64	53,641.97	(18.95)	13.90	9.40
X - Northern Mindanao	4,308.82	3,985.57	3,580.30	(7.50)	(10.17)	(0.58)
XI - Davao Region	553.95	327.96	97.07	(40.80)	(70.40)	(0.33)
XII - SOCCSKSARGEN	308.26	294.66	123.64	(4.41)	(58.04)	(0.25)
Caraga	1,342.78	1,267.24	1,246.98	(5.63)	(1.60)	(0.03)
ARMM	2,738.55	2,815.92	2,895.79	2.83	2.84	0.11
Big-eyed scad (Matangbaka)	**35,809.91**	**30,355.52**	**27,103.41**	**(15.23)**	**(10.71)**	**(10.71)**
NCR	164.36	642.97	95.43	291.20	(85.16)	(1.80)
CAR	-	-	-	-	-	-
I - Ilocos Region	109.65	109.90	160.34	0.23	45.90	0.17
II - Cagayan Valley	441.56	318.02	296.61	(27.98)	(6.73)	(0.07)
III - Central Luzon	123.02	261.97	163.37	112.95	(37.64)	(0.32)
IVA - CALABARZON	632.87	816.47	372.06	29.01	(54.43)	(1.46)
IVB - MIMAROPA	2,574.11	1,760.76	1,477.95	(31.60)	(16.06)	(0.93)
V - Bicol Region	3,714.69	3,294.78	2,938.16	(11.30)	(10.82)	(1.17)
VI - Western Visayas	1,327.82	974.86	856.37	(26.58)	(12.15)	(0.39)
VII - Central Visayas	1,534.79	1,427.17	2,179.21	(7.01)	52.69	2.48
VIII - Eastern Visayas	1,618.37	1,169.35	1,237.92	(27.75)	5.86	0.23
IX - Zamboanga Peninsula	16,700.74	12,631.39	9,972.04	(24.37)	(21.05)	(8.76)
X - Northern Mindanao	1,051.34	1,120.43	1,128.64	6.57	0.73	0.03
XI - Davao Region	1,098.01	812.72	705.76	(25.98)	(13.16)	(0.35)
XII - SOCCSKSARGEN	898.90	739.64	596.75	(17.72)	(19.32)	(0.47)
Caraga	529.90	435.66	504.78	(17.78)	15.87	0.23
ARMM	3,289.78	3,839.43	4,418.02	16.71	15.07	1.91
Indian mackerel (Alumahan)	**16,429.20**	**13,299.10**	**12,559.76**	**(19.05)**	**(5.56)**	**(5.56)**
NCR	169.44	199.55	153.39	17.77	(23.13)	(0.35)
CAR	-	-	-	-	-	-
I - Ilocos Region	47.69	72.19	36.96	51.37	(48.80)	(0.26)
II - Cagayan Valley	60.65	44.95	39.84	(25.89)	(11.37)	(0.04)
III - Central Luzon	180.91	280.76	146.48	55.19	(47.83)	(1.01)
IVA - CALABARZON	1,830.49	1,022.95	1,046.60	(44.12)	2.31	0.18
IVB - MIMAROPA	2,339.73	2,026.02	1,832.37	(13.41)	(9.56)	(1.46)
V - Bicol Region	2,514.40	1,919.25	1,503.71	(23.67)	(21.65)	(3.12)
VI - Western Visayas	722.27	1,408.08	668.08	94.95	(52.55)	(5.56)
VII - Central Visayas	925.75	883.65	502.40	(4.55)	(43.14)	(2.87)
VIII - Eastern Visayas	1,419.69	859.34	1,073.98	(39.47)	24.98	1.61
IX - Zamboanga Peninsula	3,584.88	1,727.62	2,402.85	(51.81)	39.08	5.08
X - Northern Mindanao	328.25	311.14	306.49	(5.21)	(1.49)	(0.03)
XI - Davao Region	110.82	157.84	113.53	42.43	(28.07)	(0.33)
XII - SOCCSKSARGEN	96.19	135.07	69.29	40.42	(48.70)	(0.49)
Caraga	268.13	276.52	284.49	3.13	2.88	0.06
ARMM	1,829.91	1,974.17	2,379.30	7.88	20.52	3.05

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Squid (Pusit)	**11,186.05**	**11,241.06**	**10,517.53**	**0.49**	**(6.44)**	**(6.44)**
NCR	70.61	99.63	91.21	41.10	(8.45)	(0.07)
CAR	-	-	-	-	-	-
I - Ilocos Region	400.82	328.90	234.29	(17.94)	(28.77)	(0.84)
II - Cagayan Valley	141.29	120.29	97.93	(14.86)	(18.59)	(0.20)
III - Central Luzon	308.87	361.26	278.79	16.96	(22.83)	(0.73)
IVA - CALABARZON	267.16	362.38	488.38	35.64	34.77	1.12
IVB - MIMAROPA	1,451.27	1,577.36	1,270.73	8.69	(19.44)	(2.73)
V - Bicol Region	764.51	825.76	852.32	8.01	3.22	0.24
VI - Western Visayas	1,995.72	1,679.38	1,590.19	(15.85)	(5.31)	(0.79)
VII - Central Visayas	689.64	704.34	754.08	2.13	7.06	0.44
VIII - Eastern Visayas	664.83	1,104.28	818.83	66.10	(25.85)	(2.54)
IX - Zamboanga Peninsula	537.95	664.08	497.95	23.45	(25.02)	(1.48)
X - Northern Mindanao	1,758.99	1,554.29	1,471.01	(11.64)	(5.36)	(0.74)
XI - Davao Region	788.47	519.90	659.02	(34.06)	26.76	1.24
XII - SOCCSKSARGEN	605.73	610.98	753.93	0.87	23.40	1.27
Caraga	343.21	284.66	228.34	(17.06)	(19.79)	(0.50)
ARMM	396.98	443.57	430.53	11.74	(2.94)	(0.12)
Mudcrab	**4,464.01**	**4,871.31**	**4,900.16**	**9.12**	**0.59**	**0.59**
NCR	0.63	0.06	-	(90.48)	(100.00)	(0.00)
CAR	-	-	-	-	-	-
I - Ilocos Region	9.96	14.94	9.88	49.99	(33.87)	(0.10)
II - Cagayan Valley	70.05	63.29	72.88	(9.65)	15.14	0.20
III - Central Luzon	1,169.89	1,195.19	1,085.05	2.16	(9.22)	(2.25)
IVA - CALABARZON	34.63	347.25	424.89	902.86	22.36	1.59
IVB - MIMAROPA	12.52	12.18	22.81	(2.70)	87.23	0.22
V - Bicol Region	189.17	158.92	151.08	(15.99)	(4.93)	(0.16)
VI - Western Visayas	191.03	241.24	220.60	26.28	(8.56)	(0.42)
VII - Central Visayas	3.32	5.46	7.58	64.35	38.75	0.04
VIII - Eastern Visayas	118.93	150.03	132.96	26.15	(11.38)	(0.35)
IX - Zamboanga Peninsula	160.88	233.70	305.62	45.26	30.77	1.47
X - Northern Mindanao	2,451.35	2,369.38	2,380.08	(3.34)	0.45	0.22
XI - Davao Region	0.64	1.44	10.14	125.17	606.37	0.18
XII - SOCCSKSARGEN	3.00	0.12	0.01	(95.84)	(91.11)	(0.00)
Caraga	41.72	70.78	68.97	69.65	(2.55)	(0.04)
ARMM	6.28	7.32	7.61	16.53	4.02	0.01
Threadfin bream (Bisugo)	**10,546.18**	**10,306.85**	**8,990.13**	**(2.27)**	**(12.78)**	**(12.78)**
NCR	335.96	467.17	116.21	39.06	(75.12)	(3.41)
CAR	-	-	-	-	-	0.00
I - Ilocos Region	96.58	104.10	136.93	7.79	31.54	0.32
II - Cagayan Valley	106.70	159.43	158.20	49.42	(0.77)	(0.01)
III - Central Luzon	180.39	204.51	419.49	13.37	105.12	2.09
IVA - CALABARZON	966.55	1,514.17	1,236.85	56.66	(18.31)	(2.69)
IVB - MIMAROPA	1,270.03	915.24	774.57	(27.94)	(15.37)	(1.37)
V - Bicol Region	1,705.14	1,511.46	1,274.76	(11.36)	(15.66)	(2.30)
VI - Western Visayas	2,164.42	2,579.15	2,029.72	19.16	(21.30)	(5.33)
VII - Central Visayas	209.49	212.05	341.48	1.22	61.04	1.26
VIII - Eastern Visayas	1,766.83	898.22	953.83	(49.16)	6.19	0.54
IX - Zamboanga Peninsula	985.36	865.38	741.11	(12.18)	(14.36)	(1.21)
X - Northern Mindanao	242.76	232.87	234.72	(4.07)	0.79	0.02
XI - Davao Region	3.01	54.27	4.80	1,702.99	(91.16)	(0.48)
XII - SOCCSKSARGEN	3.23	7.11	7.59	120.12	6.75	0.00
Caraga	223.12	235.02	198.31	5.33	(15.62)	(0.36)
ARMM	286.61	346.70	361.56	20.97	4.29	0.14

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Fimbriated sardines (Tunsoy)	**18,644.26**	**19,189.80**	**15,052.38**	**2.93**	**(21.56)**	**(21.56)**
NCR	207.03	102.00	30.45	(50.73)	(70.15)	(0.37)
CAR	-	-	-	-	-	-
I - Ilocos Region	2.64	2.17	13.44	(17.80)	519.35	0.06
II - Cagayan Valley	143.10	94.35	77.33	(34.07)	(18.04)	(0.09)
III - Central Luzon	241.22	175.49	221.10	(27.25)	25.99	0.24
IVA - CALABARZON	1,226.44	865.13	1,122.03	(29.46)	29.69	1.34
IVB - MIMAROPA	1,043.01	1,076.24	917.59	3.19	(14.74)	(0.83)
V - Bicol Region	4,345.51	5,892.89	3,693.11	35.61	(37.33)	(11.46)
VI - Western Visayas	2,972.20	3,209.75	1,817.53	7.99	(43.37)	(7.25)
VII - Central Visayas	1,831.54	1,295.94	473.53	(29.24)	(63.46)	(4.29)
VIII - Eastern Visayas	1,116.51	920.61	976.37	(17.55)	6.06	0.29
IX - Zamboanga Peninsula	3,061.57	3,221.75	2,879.22	5.23	(10.63)	(1.78)
X - Northern Mindanao	779.47	764.33	705.83	(1.94)	(7.65)	(0.30)
XI - Davao Region	48.09	13.83	8.53	(71.24)	(38.32)	(0.03)
XII - SOCCSKSARGEN	52.94	3.06	13.83	(94.22)	351.96	0.06
Caraga	400.65	319.92	378.72	(20.15)	18.38	0.31
ARMM	1,172.34	1,232.34	1,723.77	5.12	39.88	2.56
Anchovies (Dilis)	**11,534.05**	**11,035.75**	**11,656.38**	**(4.32)**	**5.62**	**5.62**
NCR	201.19	175.27	130.44	(12.88)	(25.58)	(0.41)
CAR	-	-	-	-	-	-
I - Ilocos Region	52.59	55.52	97.45	5.57	75.52	0.38
II - Cagayan Valley	805.50	621.71	573.68	(22.82)	(7.73)	(0.43)
III - Central Luzon	91.83	196.20	292.67	113.66	49.17	0.87
IVA - CALABARZON	86.04	58.34	83.27	(32.19)	42.73	0.23
IVB - MIMAROPA	852.78	818.09	537.07	(4.07)	(34.35)	(2.54)
V - Bicol Region	4,027.44	3,769.20	3,459.93	(6.41)	(8.21)	(2.80)
VI - Western Visayas	1,500.04	1,002.02	899.63	(33.20)	(10.22)	(0.93)
VII - Central Visayas	124.68	302.72	354.63	142.80	17.15	0.47
VIII - Eastern Visayas	518.06	686.20	497.62	32.46	(27.48)	(1.71)
IX - Zamboanga Peninsula	1,080.09	874.61	1,074.82	(19.02)	22.89	1.81
X - Northern Mindanao	582.09	627.41	623.16	7.79	(0.68)	(0.04)
XI - Davao Region	196.12	173.11	1,202.41	(11.73)	594.59	9.32
XII - SOCCSKSARGEN	12.63	195.21	229.45	1,445.61	17.54	0.31
Caraga	340.12	410.90	549.26	20.81	33.67	1.25
ARMM	1,062.85	1,069.24	1,050.89	0.60	(1.72)	(0.17)
Indo-pacific mackerel (Hasa-hasa)	**9,484.00**	**9,232.96**	**7,619.95**	**(2.65)**	**(17.47)**	**(17.47)**
NCR	130.83	117.04	89.06	(10.54)	(23.91)	(0.30)
CAR	-	-	-	-	-	-
I - Ilocos Region	44.90	35.69	29.04	(20.51)	(18.63)	(0.07)
II - Cagayan Valley	68.99	57.34	51.83	(16.89)	(9.61)	(0.06)
III - Central Luzon	296.56	324.92	386.23	9.56	18.87	0.66
IVA - CALABARZON	515.35	290.85	229.02	(43.56)	(21.26)	(0.67)
IVB - MIMAROPA	1,496.02	1,857.75	1,352.33	24.18	(27.21)	(5.47)
V - Bicol Region	1,077.96	937.96	808.93	(12.99)	(13.76)	(1.40)
VI - Western Visayas	1,748.77	2,397.54	1,450.15	37.10	(39.52)	(10.26)
VII - Central Visayas	179.69	284.59	383.55	58.38	34.77	1.07
VIII - Eastern Visayas	1,788.86	1,065.30	1,074.83	(40.45)	0.89	0.10
IX - Zamboanga Peninsula	1,171.92	991.62	864.41	(15.39)	(12.83)	(1.38)
X - Northern Mindanao	182.44	178.31	178.59	(2.26)	0.16	0.00
XI - Davao Region	129.40	118.05	60.63	(8.77)	(48.64)	(0.62)
XII - SOCCSKSARGEN	6.65	7.41	2.20	11.43	(70.31)	(0.06)
Caraga	166.86	146.84	144.58	(12.00)	(1.54)	(0.02)
ARMM	478.80	421.75	514.57	(11.92)	22.01	1.01

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Blue crab (Alimasag)	**6,875.16**	**9,096.40**	**10,704.44**	**32.31**	**17.68**	**17.68**
NCR	208.94	90.62	136.38	(56.63)	50.50	0.50
CAR	-	-	-	-	-	-
I - Ilocos Region	27.47	35.57	61.46	29.49	72.79	0.28
II - Cagayan Valley	14.36	9.34	8.18	(34.96)	(12.42)	(0.01)
III - Central Luzon	292.66	709.25	383.53	142.35	(45.92)	(3.58)
IVA - CALABARZON	495.38	647.14	745.34	30.64	15.17	1.08
IVB - MIMAROPA	654.84	823.41	2,941.00	25.74	257.17	23.28
V - Bicol Region	1,337.71	1,559.43	1,741.20	16.57	11.66	2.00
VI - Western Visayas	2,215.85	3,382.11	3,289.99	52.63	(2.72)	(1.01)
VII - Central Visayas	161.66	313.41	187.35	93.87	(40.22)	(1.39)
VIII - Eastern Visayas	746.20	596.89	442.78	(20.01)	(25.82)	(1.69)
IX - Zamboanga Peninsula	369.55	614.80	377.72	66.36	(38.56)	(2.61)
X - Northern Mindanao	130.36	117.93	121.12	(9.54)	2.70	0.04
XI - Davao Region	9.15	3.85	22.40	(57.92)	481.82	0.20
XII - SOCCSKSARGEN	20.80	6.76	7.47	(67.50)	10.50	0.01
Caraga	70.62	65.42	58.13	(7.36)	(11.14)	(0.08)
ARMM	119.61	120.47	180.39	0.72	49.74	0.66
Eastern little tuna (Bonito)	**9,376.10**	**8,768.12**	**7,946.28**	**(6.48)**	**(9.37)**	**(9.37)**
NCR	39.69	53.79	14.88	35.53	(72.34)	(0.44)
CAR	-	-	-	-	-	-
I - Ilocos Region	51.35	63.23	59.01	23.14	(6.67)	(0.05)
II - Cagayan Valley	296.38	221.64	213.77	(25.22)	(3.55)	(0.09)
III - Central Luzon	37.62	225.42	370.07	499.20	64.17	1.65
IVA - CALABARZON	5.40	0.00	6.83	(100.00)	0.00	0.08
IVB - MIMAROPA	559.42	623.16	367.45	11.39	(41.03)	(2.92)
V - Bicol Region	384.73	384.78	274.69	0.01	(28.61)	(1.26)
VI - Western Visayas	232.20	371.88	149.55	60.16	(59.79)	(2.53)
VII - Central Visayas	110.49	248.06	55.47	124.51	(77.64)	(2.20)
VIII - Eastern Visayas	725.57	596.22	477.40	(17.83)	(19.93)	(1.35)
IX - Zamboanga Peninsula	1,771.41	2,055.09	1,785.88	16.01	(13.10)	(3.07)
X - Northern Mindanao	230.67	251.58	245.29	9.06	(2.50)	(0.07)
XI - Davao Region	104.11	200.29	102.68	92.38	(48.73)	(1.11)
XII - SOCCSKSARGEN	1,764.16	195.31	199.91	(88.93)	2.36	0.05
Caraga	148.21	243.27	322.10	64.14	32.40	0.90
ARMM	2,914.69	3,034.40	3,301.30	4.11	8.80	3.04
Grouper (Lapu-lapu)	**4,022.18**	**4,224.14**	**4,761.00**	**5.02**	**12.71**	**12.71**
NCR	55.48	52.80	41.79	(4.83)	(20.85)	(0.26)
CAR	-	-	-	-	-	-
I - Ilocos Region	82.28	76.34	214.17	(7.22)	180.56	3.26
II - Cagayan Valley	85.82	85.83	89.77	0.01	4.59	0.09
III - Central Luzon	55.88	124.83	194.51	123.39	55.82	1.65
IVA - CALABARZON	327.50	247.29	208.81	(24.49)	(15.56)	(0.91)
IVB - MIMAROPA	468.72	709.98	1,451.10	51.47	104.39	17.55
V - Bicol Region	294.16	330.49	339.24	12.35	2.65	0.21
VI - Western Visayas	469.39	492.25	150.48	4.87	(69.43)	(8.09)
VII - Central Visayas	196.50	187.66	90.96	(4.50)	(51.53)	(2.29)
VIII - Eastern Visayas	415.48	409.02	422.00	(1.55)	3.17	0.31
IX - Zamboanga Peninsula	478.34	532.46	543.97	11.31	2.16	0.27
X - Northern Mindanao	84.28	87.59	89.40	3.93	2.07	0.04
XI - Davao Region	21.81	64.11	33.93	193.92	(47.07)	(0.71)
XII - SOCCSKSARGEN	194.88	25.03	8.66	(87.16)	(65.42)	(0.39)
Caraga	289.42	275.71	243.48	(4.74)	(11.69)	(0.76)
ARMM	502.23	522.76	638.73	4.09	22.18	2.75

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Carp	**5,774.41**	**5,324.25**	**5,452.15**	**(7.80)**	**2.40**	**2.40**
NCR	19.14	0.00	0.00	(100.00)	0.00	0.00
CAR	24.52	20.56	22.14	(16.16)	7.68	0.03
I - Ilocos Region	29.07	13.47	29.37	(53.66)	118.07	0.30
II - Cagayan Valley	354.84	324.87	344.44	(8.45)	6.02	0.37
III - Central Luzon	745.83	806.41	809.72	8.12	0.41	0.06
IVA - CALABARZON	2,542.99	1,824.85	1,767.90	(28.24)	(3.12)	(1.07)
IVB - MIMAROPA	32.26	46.09	24.16	42.87	(47.58)	(0.41)
V - Bicol Region	312.18	380.88	274.01	22.01	(28.06)	(2.01)
VI - Western Visayas	24.97	38.05	25.32	52.38	(33.46)	(0.24)
VII - Central Visayas	0.62	0.10	0.13	(84.73)	36.84	0.00
VIII - Eastern Visayas	24.91	28.60	19.66	14.84	(31.27)	(0.17)
IX - Zamboanga Peninsula	24.07	25.33	9.88	5.23	(60.99)	(0.29)
X - Northern Mindanao	231.22	238.87	236.47	3.31	(1.00)	(0.05)
XI - Davao Region	1.67	3.44	7.68	106.56	123.14	0.08
XII - SOCCSKSARGEN	732.05	601.60	821.77	(17.82)	36.60	4.13
Caraga	57.43	69.38	86.01	20.80	23.97	0.31
ARMM	616.64	901.75	973.50	46.24	7.96	1.35
Bigeye tuna (Tambakol/ Bariles)	**4,180.17**	**8,588.21**	**8,714.26**	**105.45**	**1.47**	**1.47**
NCR	143.61	73.31	65.76	(48.95)	(10.30)	(0.09)
CAR	-	-	-	-	-	-
I - Ilocos Region	12.17	13.08	13.71	7.48	4.82	0.01
II - Cagayan Valley	19.86	18.56	18.83	(6.55)	1.45	0.00
III - Central Luzon	49.48	88.20	70.16	78.25	(20.45)	(0.21)
IVA - CALABARZON	115.16	88.02	582.81	(23.57)	562.13	5.77
IVB - MIMAROPA	281.83	345.91	401.57	22.74	16.09	0.65
V - Bicol Region	785.72	1,159.13	723.30	47.52	(37.60)	(5.08)
VI - Western Visayas	331.24	366.45	431.15	10.63	17.66	0.75
VII - Central Visayas	10.56	1.68	5.90	(84.09)	251.19	0.05
VIII - Eastern Visayas	757.15	910.48	682.88	20.25	(25.00)	(2.65)
IX - Zamboanga Peninsula	125.75	133.33	212.10	6.03	59.08	0.92
X - Northern Mindanao	86.12	91.82	93.31	6.62	1.62	0.02
XI - Davao Region	234.42	152.59	58.06	(34.91)	(61.95)	(1.10)
XII - SOCCSKSARGEN	868.33	4,633.41	4,654.49	433.60	0.45	0.25
Caraga	46.69	147.30	176.60	215.49	19.89	0.34
ARMM	312.08	364.94	523.63	16.94	43.48	1.85
Mudfish	**1,974.48**	**2,187.75**	**2,331.16**	**10.80**	**6.56**	**6.56**
NCR	-	-	-	-	-	-
CAR	10.13	13.37	6.91	31.98	(48.32)	(0.30)
I - Ilocos Region	36.26	5.67	27.51	(84.36)	385.14	1.00
II - Cagayan Valley	96.49	100.90	113.42	4.57	12.40	0.57
III - Central Luzon	432.78	426.71	540.75	(1.40)	26.73	5.22
IVA - CALABARZON	108.95	127.29	114.86	16.83	(9.77)	(0.57)
IVB - MIMAROPA	13.49	16.31	20.95	20.89	28.44	0.21
V - Bicol Region	70.47	141.65	81.59	101.01	(42.40)	(2.75)
VI - Western Visayas	11.82	26.37	9.58	123.13	(63.67)	(0.77)
VII - Central Visayas	1.30	2.65	0.61	103.09	(77.00)	(0.09)
VIII - Eastern Visayas	9.13	8.15	6.67	(10.69)	(18.16)	(0.07)
IX - Zamboanga Peninsula	44.15	45.76	40.66	3.65	(11.13)	(0.23)
X - Northern Mindanao	129.71	109.01	118.29	(15.96)	8.52	0.42
XI - Davao Region	15.24	4.94	11.02	(67.61)	123.29	0.28
XII - SOCCSKSARGEN	615.06	582.32	643.39	(5.32)	10.49	2.79
Caraga	106.56	74.68	62.50	(29.92)	(16.30)	(0.56)
ARMM	272.94	501.98	532.45	83.92	6.07	1.39

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Catfish	**2,475.50**	**2,589.65**	**3,077.72**	**4.61**	**18.85**	**18.85**
NCR	-	-	-	-	-	-
CAR	8.45	7.58	9.67	(10.30)	27.57	0.08
I - Ilocos Region	9.87	5.20	8.33	(47.36)	60.19	0.12
II - Cagayan Valley	158.56	131.41	141.76	(17.12)	7.87	0.40
III - Central Luzon	490.90	463.71	839.35	(5.54)	81.01	14.51
IVA - CALABARZON	521.81	505.11	470.05	(3.20)	(6.94)	(1.35)
IVB - MIMAROPA	6.71	9.57	3.38	42.59	(64.65)	(0.24)
V - Bicol Region	59.05	99.84	56.11	69.07	(43.80)	(1.69)
VI - Western Visayas	126.65	174.74	270.53	37.98	54.82	3.70
VII - Central Visayas	0.02	0.32	0.73	2,006.67	132.28	0.02
VIII - Eastern Visayas	6.00	6.40	4.20	6.70	(34.44)	(0.09)
IX - Zamboanga Peninsula	39.69	41.94	3.87	5.66	(90.77)	(1.47)
X - Northern Mindanao	35.38	35.28	33.27	(0.29)	(5.72)	(0.08)
XI - Davao Region	143.72	216.66	303.31	50.75	40.00	3.35
XII - SOCCSKSARGEN	553.30	533.97	546.74	(3.49)	2.39	0.49
Caraga	34.49	36.40	34.60	5.55	(4.95)	(0.07)
ARMM	280.90	321.54	351.84	14.47	9.42	1.17
White shrimp	**1992.08**	**1944.30**	**1736.97**	(2.40)	(10.66)	(10.66)
NCR	-	-	-	-	-	-
CAR	17.81	14.61	8.77	(17.97)	(39.97)	(0.30)
I - ILOCOS REGION	15.96	39.04	20.96	144.56	(46.29)	(0.93)
II - CAGAYAN VALLEY	208.56	175.21	190.66	(15.99)	8.81	0.79
III - CENTRAL LUZON	529.80	591.70	621.96	11.68	5.11	1.56
IVA - CALABARZON	218.08	149.26	240.96	(31.56)	61.44	4.71
IVB - MIMAROPA	13.40	14.72	18.72	9.85	27.17	0.21
V - BICOL REGION	85.63	66.13	61.03	(22.78)	(7.71)	(0.26)
VI - WESTERN VISAYAS	105.58	92.35	183.03	(12.53)	98.19	4.66
VII - CENTRAL VISAYAS	2.56	1.47	1.28	(42.78)	(12.42)	(0.01)
VIII - EASTERN VISAYAS	21.03	17.89	14.32	(14.93)	(19.96)	(0.18)
IX - ZAMBOANGA PENINSULA	506.14	501.73	164.98	(0.87)	(67.12)	(17.31)
X - NORTHERN MINDANAO	48.91	49.84	56.97	1.90	14.30	0.37
XI - DAVAO REGION	10.39	52.01	4.56	400.53	(91.23)	(2.44)
XII - SOCCSKSARGEN	37.23	21.71	12.13	(41.69)	(44.13)	(0.49)
CARAGA	69.64	58.57	54.23	(15.90)	(7.42)	(0.22)
ARMM	101.35	98.07	82.41	(3.23)	(15.97)	(0.81)
Endeavor prawn	**415.75**	**306.34**	**318.07**	**(26.32)**	**3.83**	**3.83**
NCR	-	-	-	-	-	-
CAR	-	-	-	-	-	-
I - Ilocos Region	35.33	42.23	41.87	19.53	(0.87)	(0.12)
II - Cagayan Valley	28.83	28.40	30.91	(1.50)	8.84	0.82
III - Central Luzon	26.21	24.74	28.54	(5.62)	15.37	1.24
IVA - CALABARZON	55.23	0.00	0.03	(100.00)	0.00	0.01
IVB - MIMAROPA	1.65	0.81	0.16	(50.91)	(80.25)	(0.21)
V - Bicol Region	44.62	41.40	38.33	(7.23)	(7.41)	(1.00)
VI - Western Visayas	189.30	136.53	156.62	(27.88)	14.71	6.56
VII - Central Visayas	0.28	0.00	0.32	(100.00)	0.00	0.10
VIII - Eastern Visayas	13.23	12.52	10.66	(5.37)	(14.86)	(0.61)
IX - Zamboanga Peninsula	9.87	8.42	0.00	(14.69)	(100.00)	(2.75)
X - Northern Mindanao	9.14	8.94	8.88	(2.11)	(0.73)	(0.02)
XI - Davao Region	0.02	0.08	0.04	306.88	(54.23)	(0.01)
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
Caraga	2.03	2.27	1.73	11.82	(23.92)	(0.18)
ARMM	0.00	0.00	0.00	0.00	0.00	0.00

Table 7. Volume of Fisheries Production by Species, by Region: Philippines, Third Quarter, 2016 - 2018 *(...continued)*
(in Metric Tons)

Species/Region	2016	2017	2018	Percent Change		% Point Contribution
				2017/2016	2018/2017	
Gourami	**1,070.70**	**994.01**	**1,014.70**	**(7.16)**	**2.08**	**2.08**
NCR	-	-	-	-	-	-
CAR	-	1.61	-	0.00	(100.00)	(0.16)
I - Ilocos Region	1.97	1.98	1.39	0.36	(29.55)	(0.06)
II - Cagayan Valley	4.09	3.26	3.45	(20.23)	5.67	0.02
III - Central Luzon	254.55	222.64	306.50	(12.54)	37.67	8.43
IVA - CALABARZON	48.33	60.41	61.41	24.99	1.66	0.10
IVB - MIMAROPA	1.40	1.49	2.43	6.43	63.09	0.09
V - Bicol Region	15.31	13.54	13.21	(11.56)	(2.44)	(0.03)
VI - Western Visayas	1.65	0.57	0.55	(65.33)	(3.85)	(0.00)
VII - Central Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VIII - Eastern Visayas	2.20	1.88	1.62	(14.55)	(13.83)	(0.03)
IX - Zamboanga Peninsula	-	-	14.79	-	-	1.49
X - Northern Mindanao	0.73	1.56	0.73	113.70	(53.21)	(0.08)
XI - Davao Region	0.59	0.17	0.12	(71.34)	(31.76)	(0.01)
XII - SOCCSKSARGEN	524.07	422.98	333.58	(19.29)	(21.13)	(8.98)
Caraga	18.85	22.77	21.70	20.80	(4.70)	(0.11)
ARMM	196.95	239.15	253.22	21.43	5.88	1.41
Oyster	**5,481.72**	**5,483.53**	**5,433.66**	**0.03**	**(0.91)**	**(0.91)**
NCR	-	-	-	-	-	-
CAR	-	-	-	-	-	-
I - Ilocos Region	317.05	231.64	190.35	(26.94)	(17.82)	(0.75)
II - Cagayan Valley	121.79	134.39	142.41	10.35	5.97	0.15
III - Central Luzon	257.91	425.79	67.10	65.09	(84.24)	(6.54)
IVA - CALABARZON	18.18	3.28	8.45	(81.97)	157.69	0.09
IVB - MIMAROPA	-	-	-	-	-	-
V - Bicol Region	-	-	-	-	-	-
VI - Western Visayas	4,421.25	4,341.46	4,510.12	(1.80)	3.88	3.08
VII - Central Visayas	192.12	140.54	266.51	(26.85)	89.64	2.30
VIII - Eastern Visayas	0.24	0.04	-	(84.17)	(100.00)	(0.00)
IX - Zamboanga Peninsula	41.47	37.95	39.58	(8.49)	4.32	0.03
X - Northern Mindanao	5.30	5.04	10.24	(4.91)	103.17	0.09
XI - Davao Region	85.64	142.46	180.62	66.34	26.79	0.70
XII - SOCCSKSARGEN	0.20	0.00	0.00	(100.00)	0.00	0.00
Caraga	20.56	20.95	18.26	1.90	(12.84)	(0.05)
ARMM	-	-	-	-	-	-
Mussel	**3,263.56**	**2,952.58**	**2,675.59**	**(9.53)**	**(9.38)**	**(9.38)**
NCR	286.32	384.19	178.49	34.18	(53.54)	(6.97)
CAR	-	-	-	-	-	-
I - Ilocos Region	37.08	37.10	24.64	0.06	(33.60)	(0.42)
II - Cagayan Valley	-	-	-	-	-	-
III - Central Luzon	222.16	182.86	118.22	(17.69)	(35.35)	(2.19)
IVA - CALABARZON	80.70	60.44	75.56	(25.10)	25.02	0.51
IVB - MIMAROPA	-	41.60	45.25	-	8.77	0.12
V - Bicol Region	137.35	171.29	187.61	24.71	9.53	0.55
VI - Western Visayas	742.50	716.03	714.38	(3.56)	(0.23)	(0.06)
VII - Central Visayas	-	-	-	-	-	-
VIII - Eastern Visayas	1,757.28	1,349.07	1,313.32	(23.23)	(2.65)	(1.21)
IX - Zamboanga Peninsula	-	-	-	-	-	-
X - Northern Mindanao	0.02	-	0.80	(100.00)	-	0.03
XI - Davao Region	0.15	10.00	17.33	6,566.67	73.26	0.25
XII - SOCCSKSARGEN	-	-	-	-	-	-
Caraga	-	-	-	-	-	-
ARMM	-	-	-	-	-	-

If you want to know more about these statistics
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