

# SPECIAL RELEASE

## CAMARINES SUR FISHERIES PRODUCTION DECREASES BY 2.96 PERCENT FOR THE FIRST QUARTER OF 2018

Date of Release: August 7, 2018

Reference No. 2018- 032

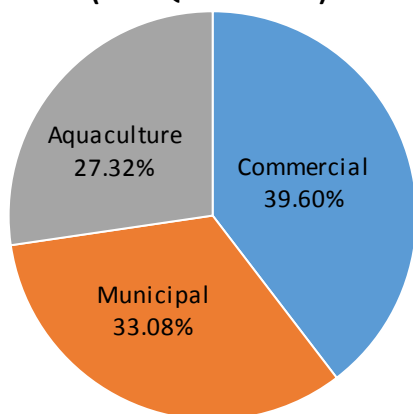


The Fisheries Production Survey (FPS) conducted during the First Quarter of 2018 revealed that fisheries production in Camarines Sur decreased by 2.96 percent as compared with the same quarter of last year. From 13,933.90 metric tons, fisheries production this year decreased to 13,519.74 metric tons. The FPS also revealed that the biggest decline in production was recorded under the Municipal Fisheries Subsector having registered a decrease in production by 15.72 percent. Commercial Fisheries Subsector also registered a decrease in production by 3.48 percent. Conversely, the Aquaculture Subsector registered an increase in production by 19.96 percent. The noted increase in Aquaculture Subsector was not enough to cover the decrease in production in Commercial and Municipal Fisheries Subsectors for the First Quarter of 2018.

**Table 1. Comparative Table for Camarines Sur Fisheries Production by Sector for the First Quarter of 2017 and 2018**

Sub-sector	Production (MT)		% Change
	1Q 2017	1Q 2018	
<b>TOTAL FISHERIES</b>	<b>13,932.90</b>	<b>13,519.74</b>	<b>(2.96%)</b>
<b>Commercial</b>	<b>5,547.72</b>	<b>5,354.42</b>	<b>(3.48%)</b>
<b>Municipal</b>	<b>5,306.16</b>	<b>4,471.78</b>	<b>(15.72%)</b>
Marine	4,648.48	3,841.45	(18.00%)
Inland	621.68	630.33	1.39%
<b>Aquaculture</b>	<b>3,079.02</b>	<b>3,693.54</b>	<b>19.96%</b>

**Figure 1. Percent Distribution of Fisheries Production by Subsector in Camarines Sur (First Quarter 2018)**



The First Quarter 2018 Fisheries Production Survey also revealed that the Commercial Fisheries subsector significantly contributed 39.60 percent to the fisheries production in the Province of Camarines Sur. Municipal Fisheries subsector contributed 33.08 percent. The remaining 27.32 percent is the contribution made by the Aquaculture subsector.

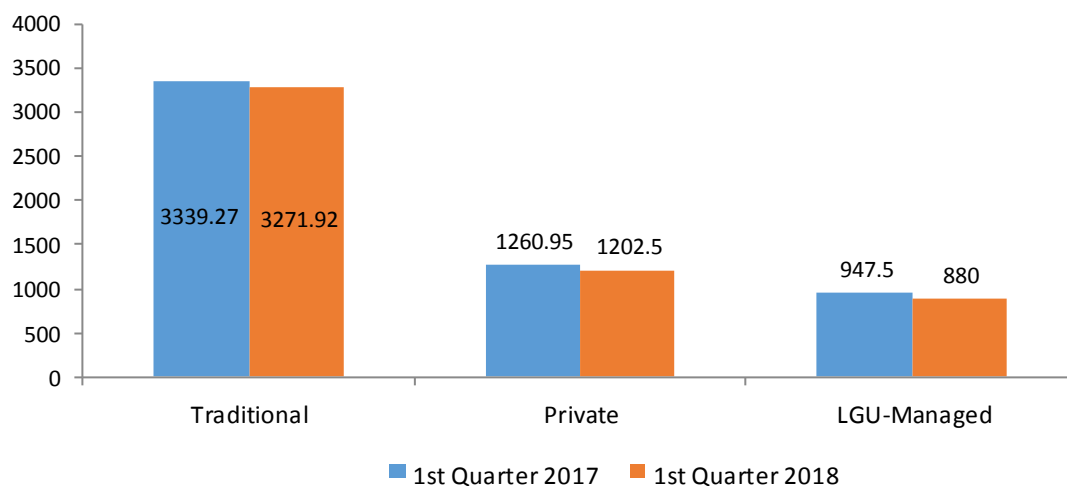
## COMMERCIAL FISHERIES PRODUCTION

*The catching of fish with the use of fishing boats with a capacity of more than three (3) gross tons.*

The Fisheries Production Survey (FPS) for the First Quarter of 2018 revealed that the Commercial Fisheries subsector registered a decline of 3.48 percent in production as compared to the same quarter of 2017. From a recorded production of 5,547.72 metric tons last year, Commercial Fisheries Production decreased to 5,354.42 metric tons this quarter.

Commercial Fisheries Production is composed of the combined production in Traditional, Private and LGU-managed fish landing centers. For the First Quarter of 2018, the LGU-managed Fish Landing Centers produced 880.00 metric tons, Private Fish Landing Centers produced 1,202.50 metric tons and Traditional Fish Landing Centers yielded 3,271.92. This recorded production represents a negative growth rate across all monitored landing centers by 7.12 percent, 4.64 percent and 2.02 percent, respectively (See Figure 2). The recorded decrease in production in Commercial Fisheries can be largely attributed to the adverse effect of the strong winds and rough seas brought by the occurrence of northeast monsoon during this quarter.

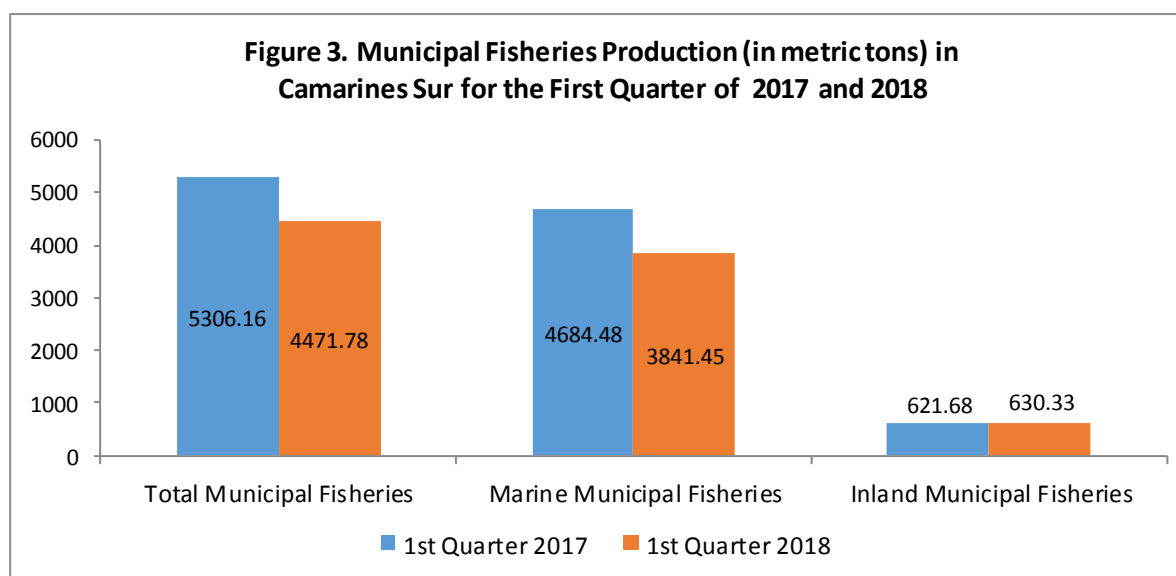
**Figure 2. Commercial Fisheries Production (in metric tons) in Camarines Sur for the First Quarter of 2017 and 2018**



## MUNICIPAL FISHERIES PRODUCTION

*Covers fishing operations carried out with or without the use of a boat weighing three (3) gross tons or less.*

The total Municipal Fisheries Production in the Province of Camarines Sur registered a significant decrease by 15.72 percent for the First Quarter of 2018 as compared to the same quarter of 2017. From 5,306.16 metric tons recorded during the same quarter of 2017, the Municipal Fisheries Production decreased by 834.38 metric tons for the First Quarter of 2018 registering only 4,471.78 metric tons in production.



Analysis of the gathered data during the FPS for the First Quarter of 2018 revealed that the Marine Municipal Fisheries Production in Camarines Sur posted a significant negative growth of 18.00 percent as compared to the same quarter of last year. From 4,684.48 metric tons during the First Quarter of 2017, only 3,841.45 metric tons was produced for the First Quarter of 2018. This significant decrease in production can be attributed to the inclement weather brought about by the occurrence of northeast monsoon. Inland Municipal Fisheries Production, on the other hand, posted an increase in production by 1.39 percent. From 621.68 metric tons it recorded during the same quarter of last year, production for the First Quarter of 2018 reached 630.33 metric tons. This noted increase in production can be attributed to the abundant catch of clams (bibi) and the timing of catch of mudfish.

## AQUACULTURE PRODUCTION

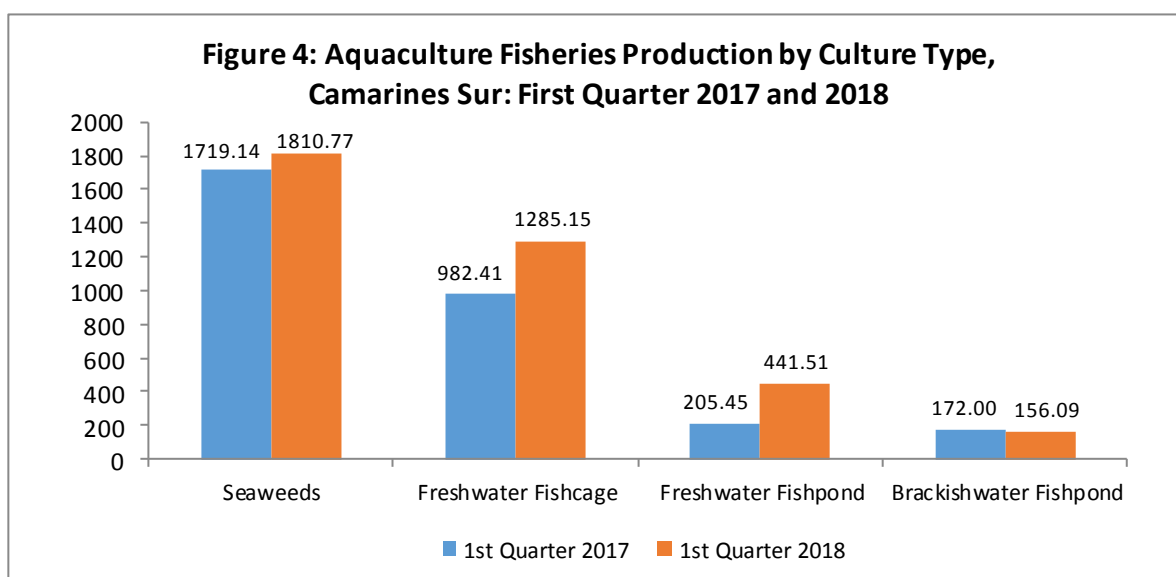
*Fisheries operation involving all forms of raising and culturing of fish and other fisheries species in fresh, brackish and marine water areas.*

While the Commercial Fisheries and Municipal Fisheries subsectors registered significant decrease in production, the Aquaculture production in Camarines Sur posted a significant increase in production. Data gathered by the FPS revealed that Aquaculture production in the province for the First Quarter of 2018 increased by 19.96 percent as compared to the same quarter of 2017. From 3,079.02 metric tons recorded last year, the Aquaculture production in the province this quarter yielded 3,693.54 metric tons.

Further analysis of the gathered data revealed that all but one culture type under Aquaculture production registered a positive growth as compared to the same quarter of last year. Seaweeds

production increased from 1,719.14 metric tons during the First Quarter of 2017 to 1,810.77 metric tons this quarter or an increase by 5.33 percent due to the noted availability of planting materials from the Bureau of Fisheries and Aquatic Resources most of the stocks were not affected by epiphytes. Freshwater Fishpond Production also registered an increase in production from 205.45 metric tons during the First Quarter of 2017 to 441.51 metric tons during the same quarter this year. This very significant increase in Freshwater Fishpond Production can be attributed to the semi-intensive feeding practices which resulted to good growth and quality of produces. Freshwater Fishcage production also registered an increase in production by 30.82 percent. From 982.41 metric tons during the First Quarter of 2017, production under this culture type increase to 1,285.15 metric tons due to more operators who harvested this quarter and the noted semi-intensive feeding practices.

On the other hand, Brackishwater Fishpond Production registered a decline in production by 9.61 percent. From 172.00 metric tons during the First Quarter of 2017, the registered Brackishwater Fishpond Production decreased to 156.09 metric tons for the First Quarter of 2018. This decrease in production can be attributed to the high mortality rate, stunted growth and cold weather.(See Figure 4/Table 2)



**Table 2: Aquaculture by Culture Type, Camarines Sur: First Quarter 2017 and 2018**

Culture Type	1 <sup>st</sup> Quarter 2017	1 <sup>st</sup> Quarter 2018	% Change
<b>AQUACULTURE</b>	<b>3,079.02</b>	<b>3,693.54</b>	<b>19.96%</b>
Brackishwater Fishpond	172.00	156.09	(9.25%)
Freshwater Fishpond	205.45	441.51	114.89%
Freshwater Fishcage	982.41	1,285.15	30.82%
Seaweeds	1,719.14	1,810.77	5.33%

  
**CLEMENTE S. MANAOG**  
 Chief Statistical Specialist  
 PSA Camarines Sur