



# SPECIAL RELEASE

## ILOCOS REGION'S FISHERIES PRODUCTION INCREASES IN 3<sup>rd</sup> QUARTER 2020

**(Results from the Fisheries Production Survey, 3<sup>rd</sup> Quarter 2020)**

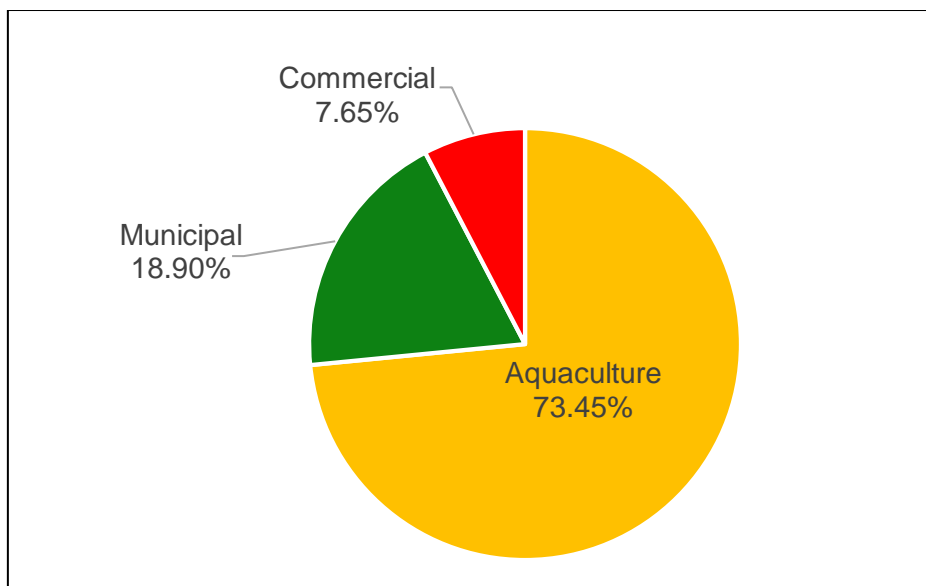
Date of Release: 29 December 2020

Reference No. 2020-59

The overall fisheries production in Ilocos Region increased by 10.86 percent in 3<sup>rd</sup> quarter 2020 as compared to same quarter of 2019 that is from 25,253 metric tons to 27,996 metric tons this year. All the four provinces contributed to the overall fisheries production in Ilocos Region.

All three fisheries subsectors namely, commercial, municipal and aquaculture subsectors registered higher production in the total fisheries volume of production of Ilocos Region in 3<sup>rd</sup> quarter 2020 compared with their levels in 2019. The aquaculture subsector contributed 73.45 percent to the total fisheries output. The municipal fisheries accounted for 18.90 percent while the commercial subsector shared 7.65 percent.

**Figure 1. Percentage Contribution of Fisheries Subsectors to the Total Volume of Fisheries Production Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

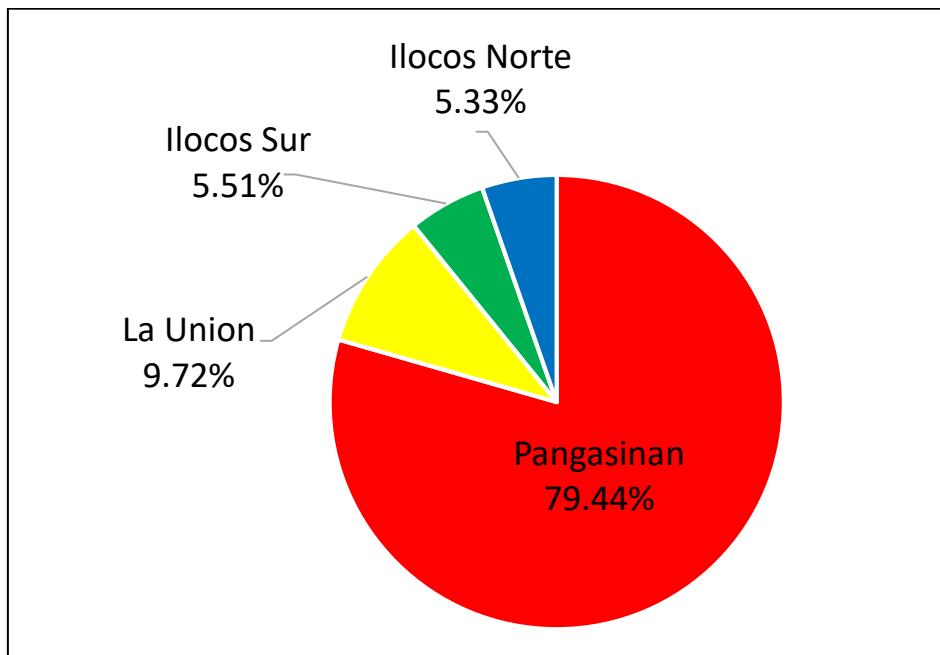
**Table 1. Volume of Fisheries Production by Province and Sector  
Ilocos Region 3<sup>rd</sup> Quarter 2020 and 3<sup>rd</sup> Quarter 2019**

Item	Production (MT)		Percent Change
	3rd Quarter 2020	3rd Quarter 2019	
<b>ILOCOS REGION</b>	<b>27,996</b>	<b>25,253</b>	<b>10.86</b>
Ilocos Norte	1,492	1,085	37.53
Ilocos Sur	1,541	1,119	37.74
La Union	2,721	1,590	71.12
Pangasinan	22,241	21,459	3.65
<b>COMMERCIAL</b>	<b>2,142</b>	<b>1,632</b>	<b>31.20</b>
Ilocos Norte	-	-	-
Ilocos Sur	77	74	3.99
La Union	318	177	79.34
Pangasinan	1,746	1,381	26.47
<b>MUNICIPAL</b>	<b>5,292</b>	<b>4,079</b>	<b>29.72</b>
Ilocos Norte	1,446	1,049	37.90
Ilocos Sur	1,197	796	50.44
La Union	1,106	416	165.58
Pangasinan	1,543	1,818	(15.17)
<b>Marine</b>	<b>4,461</b>	<b>3,486</b>	<b>27.95</b>
Ilocos Norte	1,407	1,016	38.48
Ilocos Sur	744	607	22.64
La Union	897	263	241.32
Pangasinan	1,412	1,601	(11.75)
<b>Inland</b>	<b>831</b>	<b>593</b>	<b>40.15</b>
Ilocos Norte	39	33	19.91
Ilocos Sur	453	189	139.78
La Union	209	154	35.99
Pangasinan	130	218	(40.23)
<b>AQUACULTURE</b>	<b>20,563</b>	<b>19,541</b>	<b>5.23</b>
Ilocos Norte	46	36	26.78
Ilocos Sur	267	249	7.22
La Union	1,297	996	30.19
Pangasinan	18,952	18,259	3.79

Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

In terms of provincial distribution, the province of Pangasinan shared the bulk of production in the region with 79.44 percent. The overall volume of production of the province was posted at 22,241 metric tons. The commercial and aquaculture subsectors contributed to the overall performance of the province.

**Figure 2. Percentage Contribution by Province to the Total Volume of Fisheries Production, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

La Union followed with 9.72 percent share to the total volume of fisheries production in the region. Its output went up by 71.12 percent in 3<sup>rd</sup> quarter 2020 with an output of 2,721 metric tons from the output of 1,590 metric tons in 3<sup>rd</sup> quarter 2019. All the three subsectors contributed to the overall positive performance of the province in terms of fisheries production.

Meanwhile, Ilocos Sur shared 5.51 percent to the total volume of production in the region. The fisheries production of the province was recorded at 1,541 metric tons in 3<sup>rd</sup> quarter 2020, higher by 37.74 percent than the production a year ago of 1,119 metric tons. Higher catch in municipal subsector contributed to the overall increment in output.

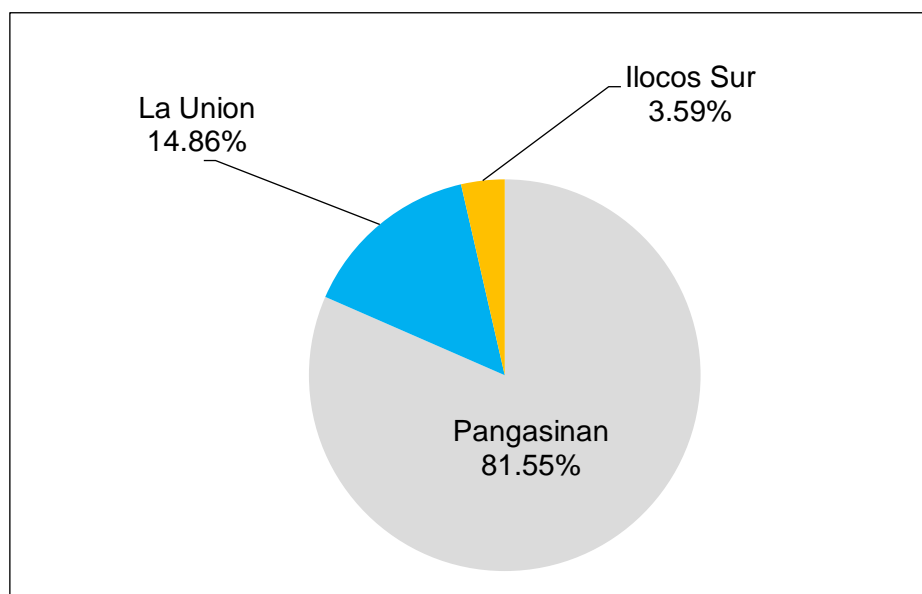
The province of Ilocos Norte, which had 5.33 percent share of the total fisheries production of Ilocos Region, recorded higher fisheries production in 3<sup>rd</sup> quarter 2020 compared with its level a year ago. From 1,085 metric tons production, it went up to 1,492 metric tons attributed to the higher output of both municipal and aquaculture subsectors.

## Commercial Fisheries

The commercial fisheries volume of production in Ilocos Region was posted at 2,142 metric tons in 3<sup>rd</sup> quarter 2020. The output was higher than the volume of production in 3<sup>rd</sup> quarter 2019 of 1,632 metric tons. All the three provinces recorded increases in output due to more catch from payaos, presence of school of fish, more frequent trips due to favorable weather, and bigger sizes of catch of fishery products.

In terms of provincial shares, Pangasinan accounted for 81.55 percent of the region's commercial fisheries volume of production in 3<sup>rd</sup> quarter 2020. La Union followed with 14.86 percent share, and Ilocos Sur with 3.59 percent share.

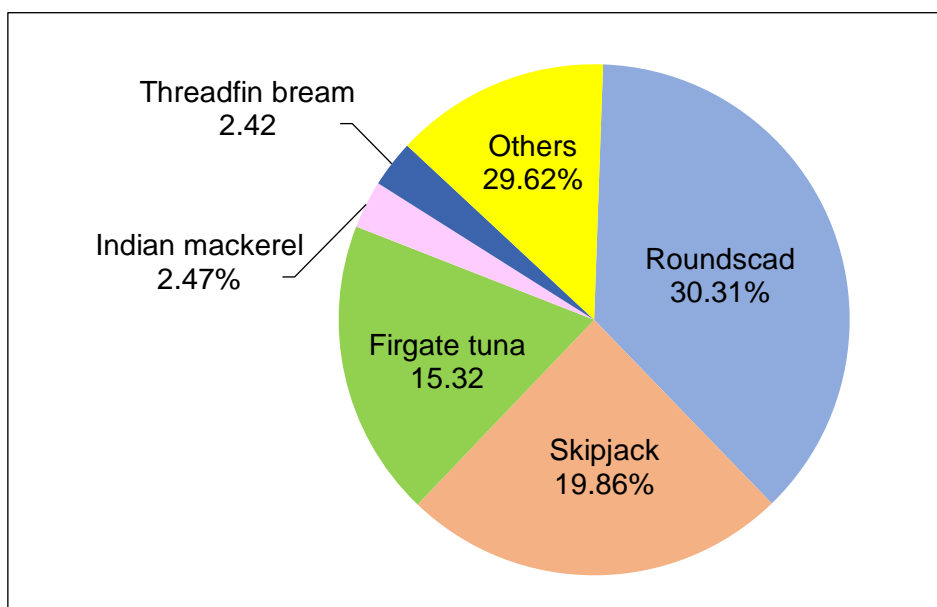
**Figure 3. Percentage Contribution by Province to the Total Commercial Fisheries Volume of Production, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

The top five major catch in the region during the quarter were Roundscad, Skipjack, Frigate tuna, Indian mackerel and Threadfin bream.

**Figure 4. Percentage Contribution of Top Species to the Total Commercial Fisheries Volume of Production Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

## Municipal Fisheries

The overall municipal fisheries production in Ilocos Region went up by 29.72 percent in 3<sup>rd</sup> quarter 2020. The production was posted at 5,292 metric tons, higher than its output in 3<sup>rd</sup> quarter 2019 of 4,079 metric tons. Both the marine and inland municipal fisheries recorded higher production.

### Marine Municipal

Production of Marine Municipal Fisheries in Ilocos Region grew in the 3<sup>rd</sup> quarter 2020. Its output was posted at 4,461 metric tons, higher by 27.95 percent than the output in the 3<sup>rd</sup> quarter 2019 of 3,486 metric tons. All the provinces, except Pangasinan, contributed to the overall increment in the volume of production.

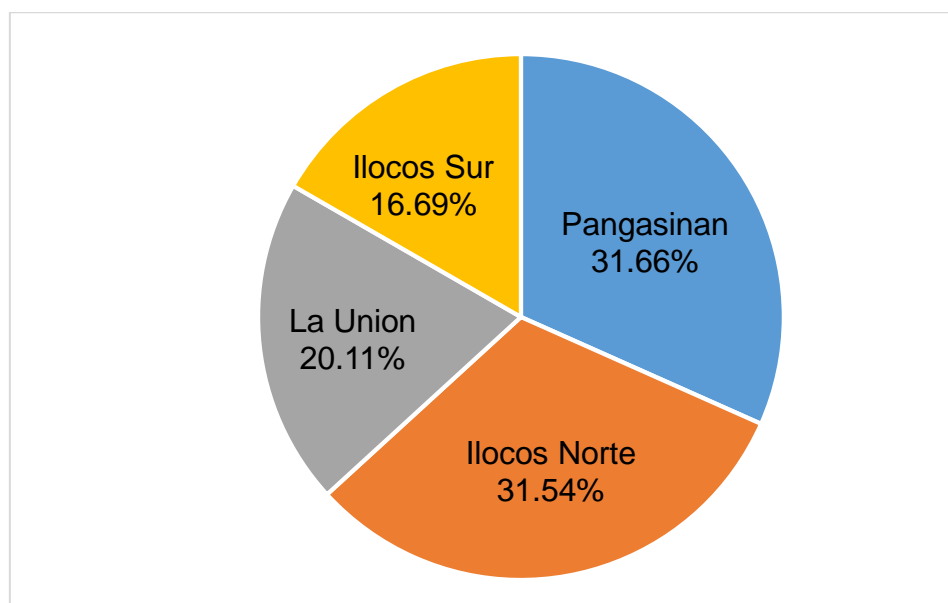
**Table 2. Volume of Marine Municipal Fisheries Production by Province Ilocos Region: 3<sup>rd</sup> Quarter 2020 and 3<sup>rd</sup> Quarter 2019**

Item	Production (MT)		Growth Rate (%)
	3rd Quarter 2020	3rd Quarter 2019	
<b>Ilocos Region</b>	<b>4,461</b>	<b>3,486</b>	<b>27.95</b>
Ilocos Norte	1,407	1,016	38.48
Ilocos Sur	744	607	22.64
La Union	897	263	241.32
Pangasinan	1,412	1,601	(11.75)

Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

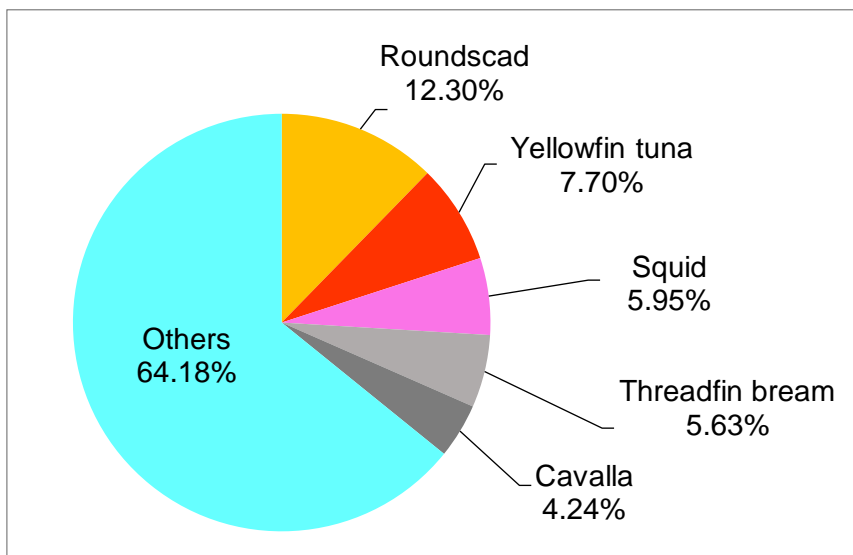
The province of Pangasinan contributed 31.66 percent to the region’s marine municipal fish catch for the 3<sup>rd</sup> quarter 2020, followed by Ilocos Norte with 31.54 percent share, La Union with 20.11 percent share, and Ilocos Sur with 16.69 percent. The dominant catch in marine municipal fisheries of Ilocos Region during the period were Roundscad, Yellowfin tuna, Squid, Threadfin bream, and Cavalla.

**Figure 5. Percentage Distribution of Marine Municipal Fisheries Production by Province, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

**Figure 6. Percentage Contribution of Top Species to the Total Marine Municipal Fisheries Volume of Production, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

### ***Inland Municipal Fisheries***

Production of Inland Municipal Fisheries in Ilocos Region grew by 40.15 percent in the 3<sup>rd</sup> quarter 2020. From the output of 593 metric tons in the same period last year, it went up to 831 metric tons this year. All the provinces except Pangasinan registered positive growth in output.

**Table 3. Volume of Inland Municipal Fisheries Production by Province Ilocos Region: 3<sup>rd</sup> Quarter 2020 and 3<sup>rd</sup> Quarter 2019**

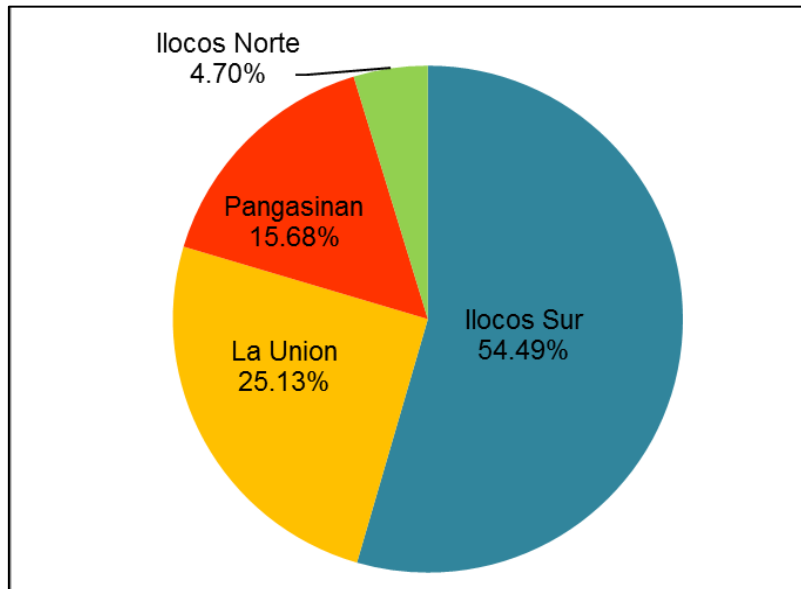
Item	Production (MT)		Growth Rate (%)
	3rd Quarter 2020	3rd Quarter 2019	
<b><i>Ilocos Region</i></b>	<b>831</b>	<b>593</b>	<b>40.15</b>
Ilocos Norte	39	33	19.91
Ilocos Sur	453	189	139.78
La Union	209	154	35.99
Pangasinan	130	218	(40.23)

Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

In terms of provincial distribution, Ilocos Sur ranked first in the volume of production of Inland municipal fisheries during the 3<sup>rd</sup> quarter 2020 with

54.49 percent share. La Union followed with 25.13 percent share, Pangasinan with 15.68 percent, and Ilocos Norte with 4.70 percent.

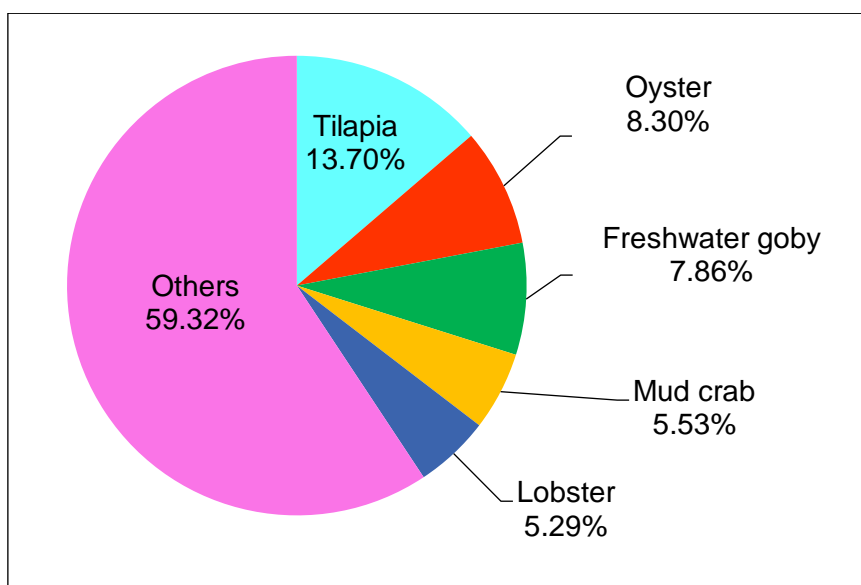
**Figure 7. Percentage Distribution of Inland Municipal Fisheries Volume of Production by Province, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

The top five major catch in the region during the period were Tilapia, Oyster, Freshwater goby, Mud crab and Lobster.

**Figure 8. Percentage Contribution of Top Species to the Total Inland Municipal Fisheries Volume of Production, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey



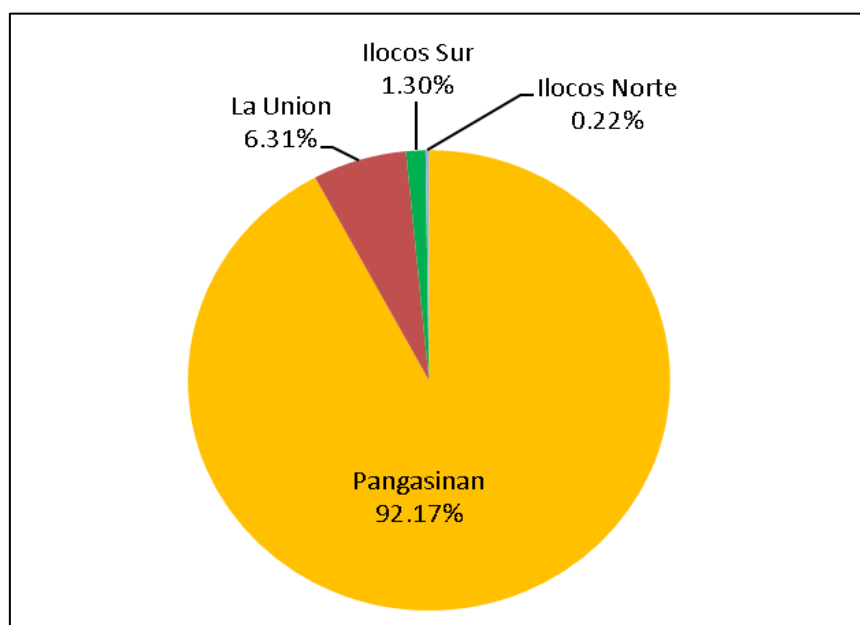
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## Aquaculture

Aquaculture production of Region I posted a production of 20,563 metric tons in 3<sup>rd</sup> quarter 2020. This is 5.23 percent higher than the production in 3<sup>rd</sup> quarter 2019 of 19,541 metric tons. The factors that contributed to the positive growth in output include the availability of fingerlings, residual harvest, lesser weather disturbances, and bigger sizes of produce.

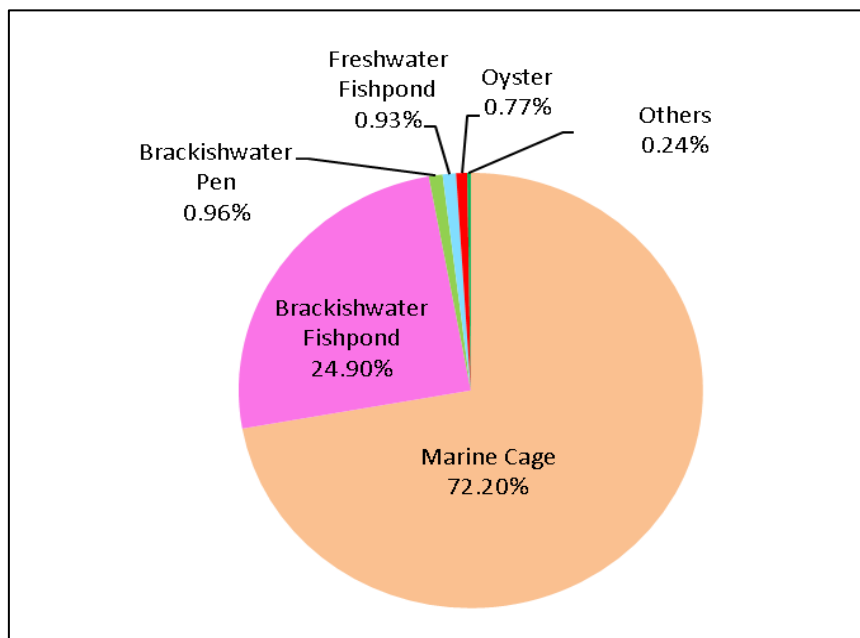
**Figure 9. Percentage Distribution of Aquaculture Production by Province Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

The province of Pangasinan shared the bulk of aquaculture production in 3<sup>rd</sup> quarter 2020 with 92.17 percent. By culture type, aquaculture in Ilocos Region was dominated by Marine cage which accounted for 72.20 percent of the total production.

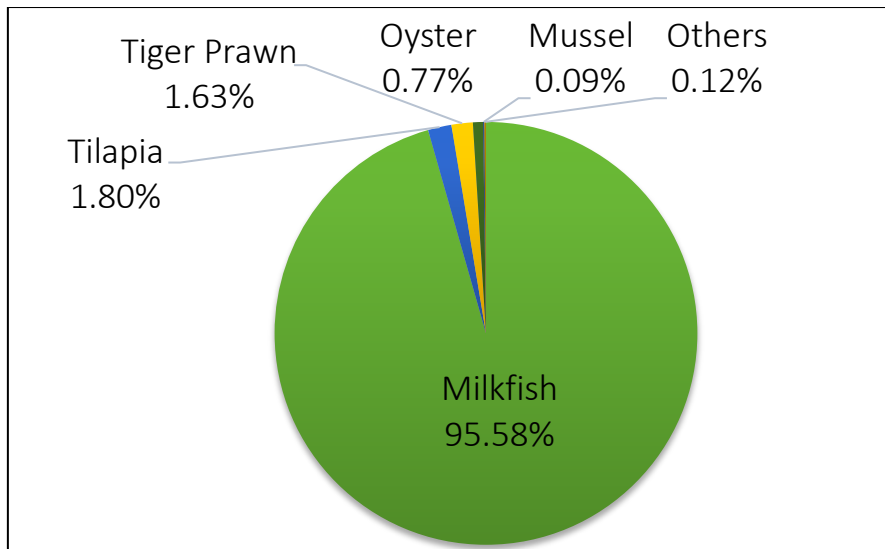
**Figure 10. Percentage Distribution of Aquaculture Production by Ecosystem Ilocos Region: 3<sup>rd</sup> Quarter 2020**



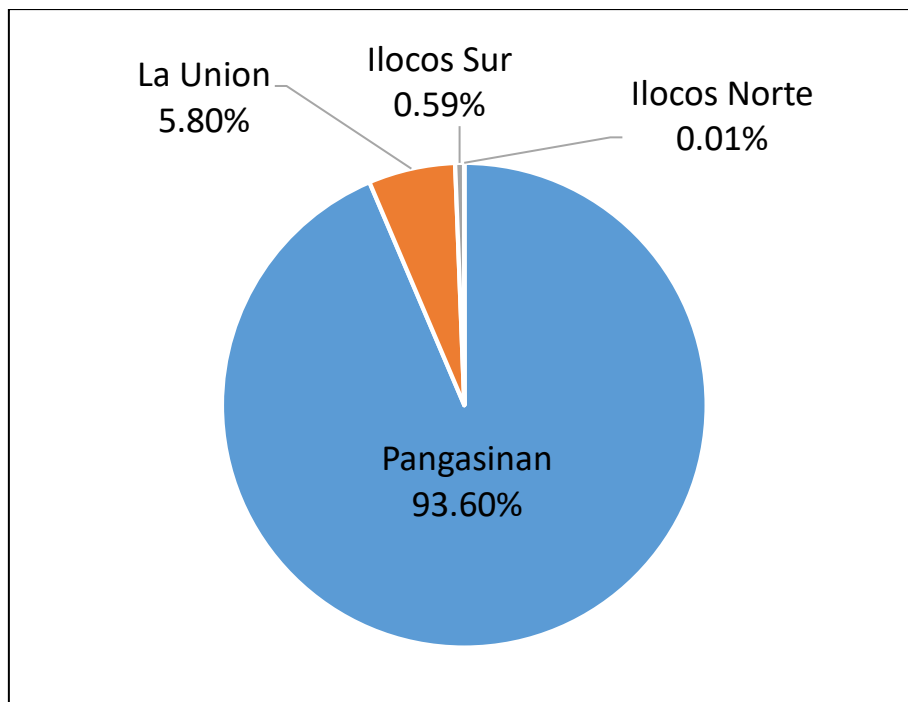
Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

Milkfish production in 3<sup>rd</sup> quarter 2020 registered at 19,654 metric tons, higher by 5.63 percent than its output in the same quarter last year of 18,605.69 metric tons. Bigger sizes of produce, more residual harvest, absence of destructive typhoons and availability of fingerlings during the stocking contributed to the overall increment in the volume of production of Milkfish.

**Figure 11. Percentage Contribution of Top Species to the Total Aquaculture Production, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey  
**Figure 12. Percentage Contribution of Milkfish Production by Province, Ilocos Region: 3<sup>rd</sup> Quarter 2020**



Source: Philippine Statistics Authority, 3<sup>rd</sup> Quarter 2020 Fisheries Production Survey

## TECHNICAL NOTES

The Fisheries Production Survey of the Philippine Statistics Authority (PSA) is divided into four major fisheries surveys. These are the Quarterly Commercial Fisheries Survey (QCFS), Quarterly Municipal Fisheries Survey (QMFS), Quarterly Inland Fisheries Survey (QIFS) and Quarterly Aquaculture Survey (QAqS). The commercial and municipal fisheries surveys aim to provide quarterly data on volume and value of fish production by species, by region, and by province. The aquaculture survey is intended to generate quarterly data on volume and value of cultured species by environment, by type of aquafarm, by region, and by province.

### Concepts and Definitions:

**Aquaculture** – fishery operation involving all forms of raising and culturing of fish and other fishery species in marine, brackish and freshwater environment. Examples are fishponds, fish pens, fish cages, mussel, oyster, seaweed farms and hatcheries.

**Aquafarm** – the farming facilities used in the culture or propagation of aquatic species including fish, mollusk, crustaceans, and aquatic plants for purposes of rearing to enhance production.

**Brackishwater** – mixture of seawater and freshwater with salinity that varies with the tide. Example are estuaries, mangroves, and mouths of rivers where seawater enters during high tide.



**Commercial Fishing** – the catching of fish with the use of fishing boats with a capacity of more than three (3) gross tons for trade, business or profit beyond subsistence or sports fishing.

**Fisheries** – all activities relating to the act or business of fishing, culturing, preserving, processing, marketing, developing, conserving and managing aquatic resources and the fishery areas including the privilege to fish or take aquatic resources thereof (RA 8550).

**Fisheries Sector** – the sector engaged in the production, growing, harvesting, processing, marketing, developing, conserving and managing aquatic resources and fishing areas.

**Fish Cage** – stationary or floating fish enclosure made of synthetic net wire/bamboo screen or other materials set in the form of an inverted mosquito net (“hapa” type) with or without cover with all sides either tied to poles staked to the water bottom or with anchored floats for aquaculture purposes.

**Fishing Gear** – any instrument or device and its accessories utilized in taking fish and other fishery species.

**Fishing Grounds** – areas in any body of water where fish and other aquatic resources congregate and become the target of capture.

**Fish Pen** – an artificial enclosure constructed within a body of water for culturing fish and fishery/ aquatic resources made up of bamboo poles closely arranged in an enclosure with wooden materials, screen or nylon netting to prevent an escape of fish.

**Fishpond** – a body of water (artificial or natural) where fish and other aquatic products are cultured, raised or cultivated under controlled conditions. This is a land-based type of aquafarm. Note that the setting-up of fish cages in ponds does not make the operation of a fish cage and at the same time a fishpond.

**Freshwater** – water without salt or marine origins, such as generally found in lakes, rivers, canals, dams, reservoirs, paddy fields, and swamps.

**Inland Municipal Fishing** – the catching of fish, crustaceans, mollusks and all other aquatic animals and plants in inland water like lakes, rivers, dams, marshes, etc. using simple gears and fishing boats some of which are non-motorized with a capacity of three gross tons or less; or fishing not requiring the use of fishing boats.



**Landing Center** – a place where the fish catch and other aquatic products are unloaded and traded.

**Municipal Fishing** – covers fishing operation carried out with or without the use of a boat weighing three gross tons or less.

  
**ATTY. SHEILA O. DE GUZMAN**  
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