



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY
CORDILLERA ADMINISTRATIVE REGION
SPECIAL RELEASE

2020 Cordillera Fisheries Situationer

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The Philippine Statistics Authority (PSA) generates statistics for freshwater municipal aquaculture and municipal inland fishing. Production of Quarterly Inland Municipal and Quarterly Aquaculture Surveys are conducted in sample aquaculture farms and sample inland fishing households. The respondents of the surveys are aquafarm operators, fishermen or other knowledgeable members of the household. Generated quarterly fisheries production is included in the quarterly data review process of the PSA at the provincial, regional and national levels. After the data validation, preliminary estimates are made available to data users.

Table 1. Fishery Production by Aquafarm Type in CAR by Province, 2020

Region/Province	Production (MT)		% Change
	2019	2020	
CAR	4,157.6	3,662.6	(11.9)
Inland	1,092.9	902.7	(17.4)
Aquaculture	3,064.7	2,760.0	(9.9)
Abra	603.0	672.0	11.5
Inland	251.5	276.6	10.0
Aquaculture	351.5	395.4	12.5
Apayao	323.7	241.1	(25.5)
Inland	234.9	131.0	(44.2)
Aquaculture	88.9	110.1	23.8
Benguet	352.4	218.2	(38.1)
Inland	71.3	28.2	(60.4)
Aquaculture	281.1	190.0	(32.4)
Ifugao	2,377.0	1,960.4	(17.5)
Inland	199.5	134.7	(32.5)
Aquaculture	2,177.5	1,825.6	(16.2)
Kalinga	486.1	551.5	13.5
Inland	331.4	325.3	(1.8)
Aquaculture	154.7	226.2	46.2
Mountain Province	15.4	19.4	26.2
Inland	4.4	6.9	56.6
Aquaculture	11.0	12.6	14.1

Source: Philippine Statistics Authority

- For CY 2020 total fish production of the Cordillera Administrative Region (CAR) decrease by 11.9% from 4,157.6 metric tons (MT) in 2019 to 3,662.6 MT in 2020 contributed by decline in both Inland and Aquaculture production. The provinces of Apayao, Benguet and Ifugao registered negative trends. However, fish production in the provinces of Abra, Kalinga and Mountain Province registered positive growths (Table 1).

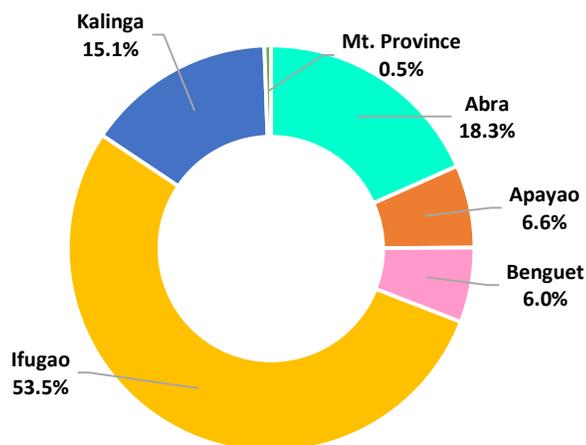
Table 2. Distribution of Total Fishery Production by Aquafarm Type in CAR by Province: 2020

Region/Province	Production (MT)	% to Total
CAR	3,662.6	100.0
Inland	902.7	24.6
Aquaculture	2,760.0	75.4
Abra	672.0	18.3
Inland	276.6	7.6
Aquaculture	395.4	10.8
Apayao	241.1	6.6
Inland	131.0	3.6
Aquaculture	110.0	3.0
Benguet	218.2	6.0
Inland	28.2	0.8
Aquaculture	190.0	5.2
Ifugao	1,960.4	53.5
Inland	134.7	3.7
Aquaculture	1,825.6	49.8
Kalinga	551.5	15.1
Inland	325.3	8.9
Aquaculture	226.2	6.2
Mountain Province	19.4	0.5
Inland	6.9	0.2
Aquaculture	12.6	0.3

Source: Philippine Statistics Authority

- Out of the total regional production of 3,662.6 MT, 2,760.0 MT (75.4%) came from aquaculture and 902.7 MT (24.6%) came from inland fishery production (Table 2).
- For CY 2020, Ifugao was consistently the top producer with 1,960.4 MT accounting for 53.5% of the total regional fishery production. Abra province came second with 18.3% share, followed by Kalinga with 15.1%, Apayao with 6.6%, and Benguet with 6.0 % (Figure 1).
- Mountain Province contributed the smallest share in the fishery of the region with an output of 19.4 MT comprising only 0.5% of the total fish production in the region (Table 2).

Figure 1. Percentage Distribution of Total Fisheries Production in CAR by Province: 2020



Source: Philippine Statistics Authority

MUNICIPAL INLAND PRODUCTION

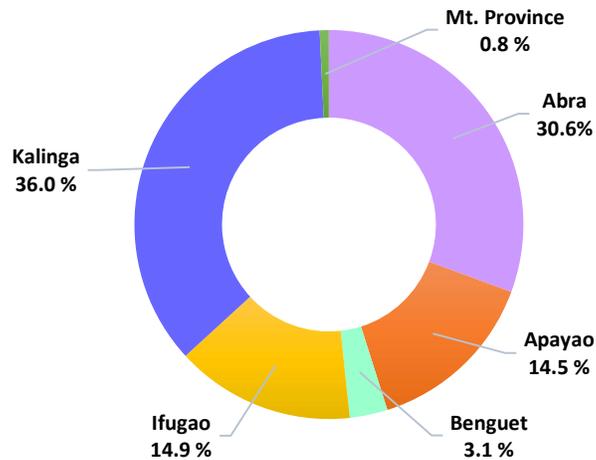
- Inland municipal fishing refers to fishing in inland waters like lakes, rivers, and dams. Using simple gears and fishing boats some of which are non-motorized with a capacity of less than three (3) gross tons, or fishing not requiring the use of fishing boats.
- Cordillera municipal inland fishing output during the CY 2020 was 902.7 MT, comprising 24.6% of the total fishery production in the region (Table 3).

Table 3. Municipal Inland Production in CAR by Province: 2020

Region/Province	Production (MT)	% to Total
CAR	902.7	100.0
Abra	276.6	30.6
Apayao	131.0	14.5
Benguet	28.2	3.1
Ifugao	134.7	14.9
Kalinga	325.3	36.0
MountainProvince	6.9	0.8

Source: Philippine Statistics Authority

Figure 2. Percentage Distribution of Municipal Inland Production in CAR, by Province, 2020



Source: Philippine Statistics Authority

- Kalinga recorded the top inland fishing province comprising 36.0% of the total inland fishery production of the region. It was trailed by Abra with 30.6% share. Ifugao came third with 14.9% share while Apayao came fourth with 14.5% share. The provinces with the smallest shares were Benguet and Mountain Province with 3.1% and 0.8% shares, respectively (Figure 2).

AQUACULTURE PRODUCTION

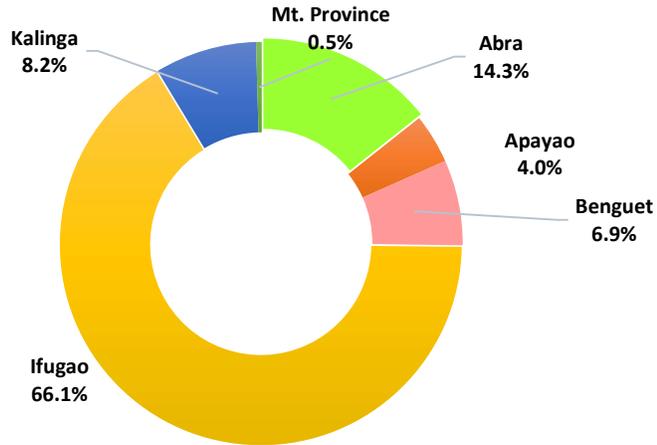
- Aquaculture is a fishery operation involving all forms of raising and culturing of fish and other fishery species in fresh, brackish and marine water areas.
- In CY 2020, CAR registered an aquaculture production of 2,760.0 MT with an estimated area harvested of 535.6 hectares. Aquaculture dominated the region's fisheries accounting for 75.4% of the total fish production (Table 4).

Table 4. Aquaculture Production and Area Harvested in CAR, by Province: 2020

Region/Province	Production (MT)	Area Harvested (Has)
CAR	2,760.0	535.6
Abra	395.4	150.0
Apayao	110.1	98.7
Benguet	190.0	22.7
Ifugao	1,825.6	210.5
Kalinga	226.2	48.1
Mountain Province	12.6	5.5

Source: Philippine Statistics Authority

Figure 3. Percentage Distribution of Aquaculture Production in CAR by Province: 2020



Source: Philippine Statistics Authority

- Ifugao province is the aquaculture fishery carrier of the region which posted the highest production with 1,825.6 MT from an area harvested of 210.5 hectares. Abra was second with 395.4 MT with an area harvested of 150.0 hectares while Mountain Province has the least production in the region with only 12.6 MT and an area harvested of 5.5 hectares (Table 4).
- In terms of percentage distribution in aquaculture production in the region, Ifugao's share was 66.1%. Abra came second with 14.3% share. The shares of the other provinces to total aquaculture production of the region were 8.2% for Kalinga, 6.9% for Benguet, 4.0 % for Apayao, and 0.5 % for Mountain Province (Figure 4).

VILLAFE P. ALIBUYOG
Regional Director

Technical Notes

Aquaculture is a fishery operation involving all forms of raising and culturing of fish and other fishery species in fresh, brackish and marine water areas. The operation is comprised of activities from stocking to harvesting of species under controlled conditions in farming facility called aquafarm.

Aquafarm refers to the farming facilities used in the culture or propagation of aquatic species for purposes of rearing to enhanced production.

Freshwater is water without salt or marine origin.

Aquaculture Production refers to the volume harvested from the aquafarm during the reference period. It includes those species harvested in marketable or matured size and fresh in form.

Fishponds refers to a land-based type of aquafarm; a body of water (artificial or natural) where fish are cultured, raised or cultivated under controlled conditions.

Fish Cage refers to a stationary or floating fish enclosure made of synthetic net wire/bamboo screen set in the form of inverted mosquito net ("hapa" type) for aquaculture purposes.

Area Harvested is the actual area which harvests are realized.

Inland municipal fishing is the catching of fish, crustacean, mollusks and other aquatic animal and plants in inland waters like lakes, rivers, dams etc. using simple gears and fishing boats some of which are non-motorized with a capacity of less than three (3) gross tons, or fishing not requiring the use of fishing boats.

Inland municipal Production refers to the volume of catch during the reference period.