



SPECIAL RELEASE

CY 2019 Cordillera Fishery Situationer

Date of Release: February 28, 2020
 Reference No. SR 2020-06

The Philippine Statistics Authority (PSA) generates statistics for freshwater municipal aquaculture and municipal inland fishing. The 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: CY 2019

Region/Province	Production (MT)		% Change
	CY 2018	CY 2019	
CAR	4,418.8	4,157.6	(5.9)
Inland	1,111.2	1,092.9	(1.6)
Aquaculture	3,307.6	3,064.7	(7.3)
Abra	619.7	603.0	(2.7)
Inland	260.7	251.5	(3.5)
Aquaculture	359.0	351.5	(2.1)
Apayao	314.0	323.7	3.1
Inland	214.4	234.9	9.6
Aquaculture	99.7	88.9	(10.8)
Benguet	409.1	352.4	(13.9)
Inland	105.1	71.3	(32.2)
Aquaculture	304.0	281.1	7.5
Ifugao	2,657.5	2,377.0	(10.6)
Inland	240.5	199.5	(17.0)
Aquaculture	2,417.0	2,177.5	(9.9)
Kalinga	404.6	486.1	20.1
Inland	286.8	331.4	15.5
Aquaculture	117.9	154.7	31.3
Mountain Province	13.9	15.4	11.0
Inland	3.9	4.4	13.5
Aquaculture	10.0	11.0	10.0

Source: Philippine Statistics Authority

- The total fishery production of the Cordillera Administrative Region (CAR) decreased by 5.9% from 4,418.8 metric tons (MT) in 2018 to 4,157.6 MT in 2019 contributed by both freshwater Municipal Inland and Aquaculture that declined by 1.6% and 7.3%, respectively (Table 1).

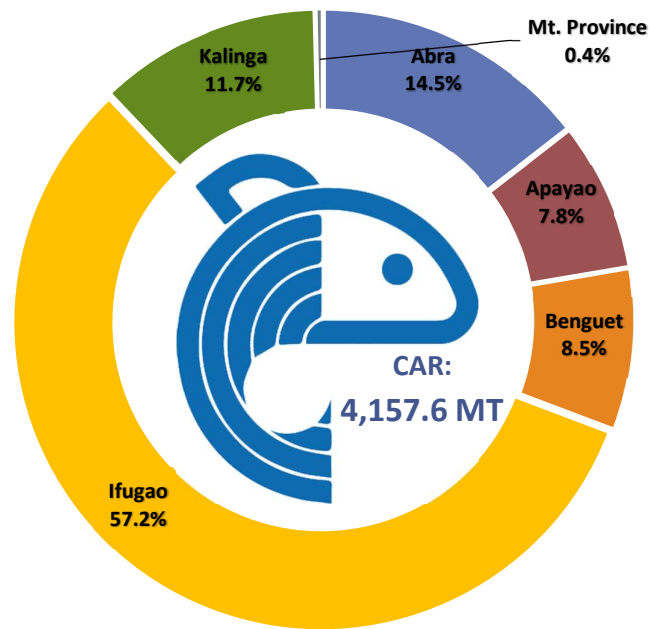
Table 2. Distribution of Total Fishery Production by Aquafarm Type in CAR by Province: CY 2019

Region/Province	Production (MT)	% to Total
CAR	4,157.6	100.0
Inland	1,092.9	26.3
Aquaculture	3,064.7	73.7
Abra	603.0	14.5
Inland	251.5	6.0
Aquaculture	351.5	8.5
Apayao	323.7	7.8
Inland	234.9	5.6
Aquaculture	88.9	2.1
Benguet	352.4	8.5
Inland	71.3	1.7
Aquaculture	281.1	6.8
Ifugao	2,377.0	57.2
Inland	199.5	4.8
Aquaculture	2,177.5	52.4
Kalinga	486.1	11.7
Inland	331.4	8.0
Aquaculture	154.7	3.7
Mountain Province	15.4	0.4
Inland	4.4	0.1
Aquaculture	11.0	0.3

Source: Philippine Statistics Authority

- Out of the total regional fishery production of 4,157.6 MT, aquaculture contributed 3,064.7 MT (73.7%) and fishery production contributed 1,092.9 MT (26.3%).
- In 2019, Ifugao was consistently the top producer with 2,377.0 MT accounting 57.2% of the total regional fishery production. Abra province distantly came second with 14.5% share, followed by Kalinga with 11.7%, Benguet with 8.5%, and Apayao with 7.8% (Figure 1).
- Mountain Province contributed the smallest share in the fishery of the region with an output of 15.4 MT comprising only 0.4% of the total fish production in the region (Table 2).

Figure 1. Percentage Distribution of Total Fisheries Production in CAR by Province: CY 2019



Source: Philippine Statistics Authority

MUNICIPAL INLAND PRODUCTION

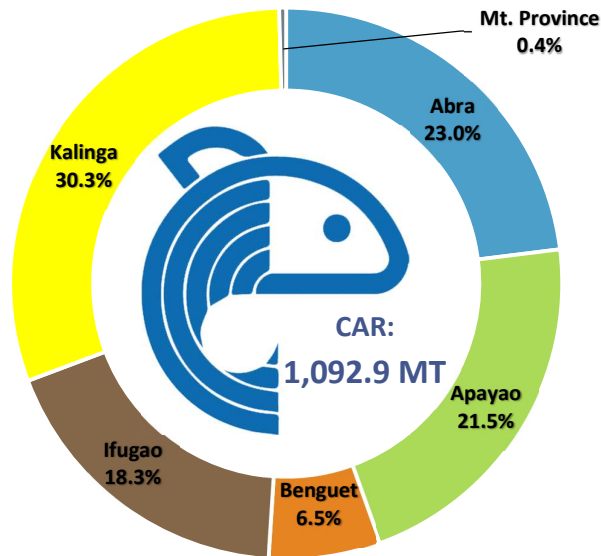
- Inland municipal fishing refers to fishing in inland waters like lakes, rivers, and dams. Using simple gears and fishing boats some of which are non-motorized with a capacity of less than three (3) gross tons, or fishing not requiring the use of fishing boats.
- Cordillera municipal inland fishing output during the CY 2019 was 1,092.9 MT, comprising 26.3% of the total fish production in the region (Table 3).

Table 3. Municipal Inland Production in CAR by Province, CY 2019

Region/Province	Production (MT)	%
CAR	1,092.9	100.0
Abra	251.5	23.0
Apayao	234.9	21.5
Benguet	71.3	6.5
Ifugao	199.5	18.3
Kalinga	331.4	30.3
Mountain Province	4.4	0.4

Source: Philippine Statistics Authority

Figure 2. Percentage Distribution of Municipal Inland Production in CAR, by Province: CY 2019



Source: Philippine Statistics Authority

- ✚ Kalinga was the top inland fishing province with 331.4 MT, comprising 30.3% of the total inland fishery production of the region. Abra came second with 23.0% share followed by Apayao with 21.5% share. Ifugao came fourth with 18.3% share. The provinces with the smallest shares were Benguet and Mountain Province with 6.5% and 0.4% 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.

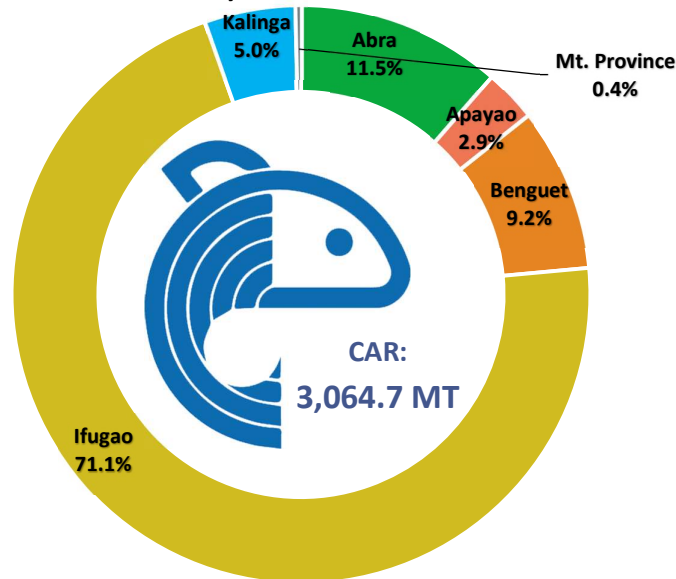
Table 4. Aquaculture Production and Area Harvested in CAR, by Province: CY 2019

Region/Province	Production (MT)	Area Harvested (Has)
CAR	3,064.7	551.0
Abra	351.5	148.7
Apayao	88.9	62.1
Benguet	281.1	33.9
Ifugao	2,177.5	259.0
Kalinga	154.7	43.2
Mountain Province	11.0	4.0

Source: Philippine Statistics Authority

- In 2019, CAR registered an aquaculture production of 3,064.7 MT with an estimated area harvested of 551.0 hectares. Aquaculture dominated the region's total fisheries accounting for 73.7% of the total fish production (Table 4).

Figure 3. Percentage Distribution of Aquaculture Production in CAR by Province: CY2019



Source: Philippine Statistics Authority

- Ifugao province posted the highest production with 2,177.5 MT from an area harvested of 259.0 hectares. Abra was a distant second with 351.5 MT with an area harvested of 148.7 hectares while Mountain Province had the least production in the region with only 11.0 MT and an area harvested of 4.0 hectares (Table 4).
- In terms of percentage distribution in aquaculture production in the region, Ifugao contributed 71.1%. Abra came second with 11.5% share. The other provinces and their share to total aquaculture production were Benguet with 9.2%; Kalinga with 5.0%; and Apayao with 2.9%. Mountain Province had the smallest share with 0.4% (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.