



# SPECIAL RELEASE

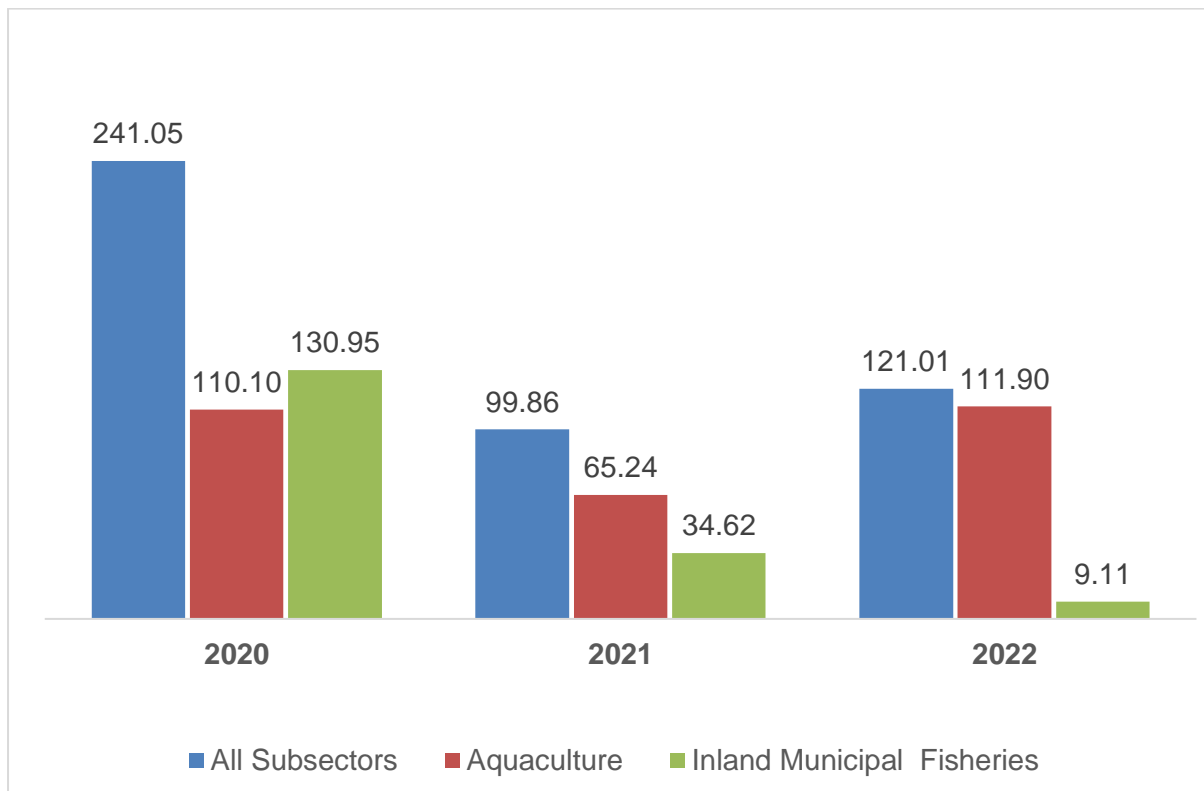
## Fisheries Situation Report Apayao Province, Cordillera Administrative Region January to December: 2020-2022

Date of Release: 20 June 2023  
Reference No. 2023-CARAP-SR010

### Fisheries production improved by 21.2 percent in 2022

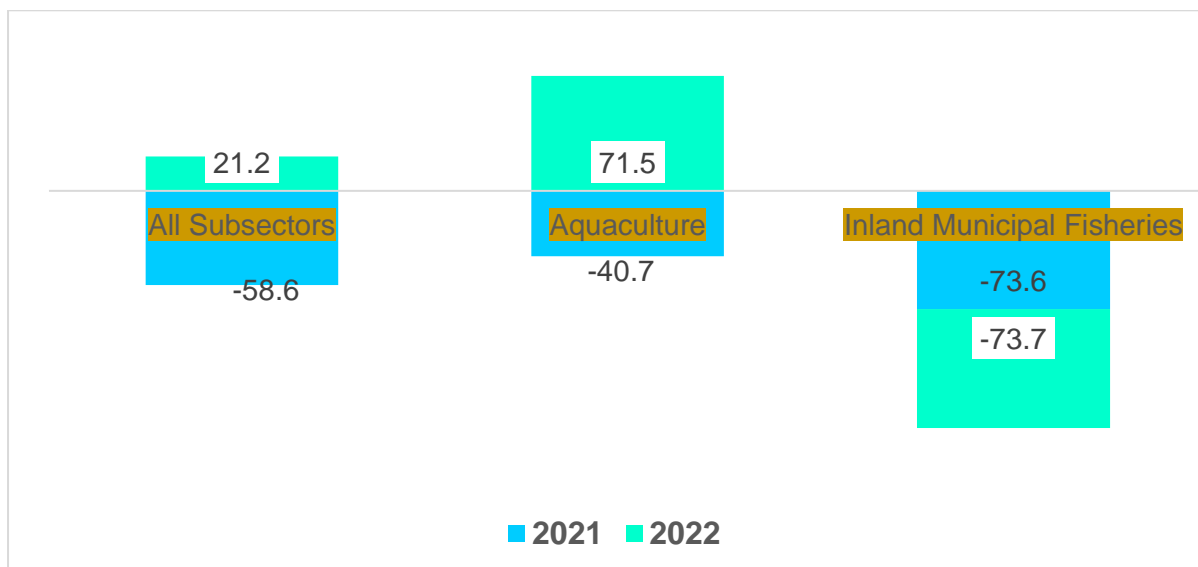
The volume of fisheries production in 2022 was registered at 121.01 metric tons, higher by 21.2 percent from the previous year's record of 99.86 metric tons. (Figure 1 and Table 1)

Figure 1. Volume of Fisheries Production by Subsector, Apayao Province, Cordillera Administrative Region, January- December: 2020-2022



Source: Philippine Statistics Authority

Figure 2. Annual Growth Rate of Volume of Fisheries Production by Subsector, Apayao Province, Cordillera Administrative Region, 2021-2022

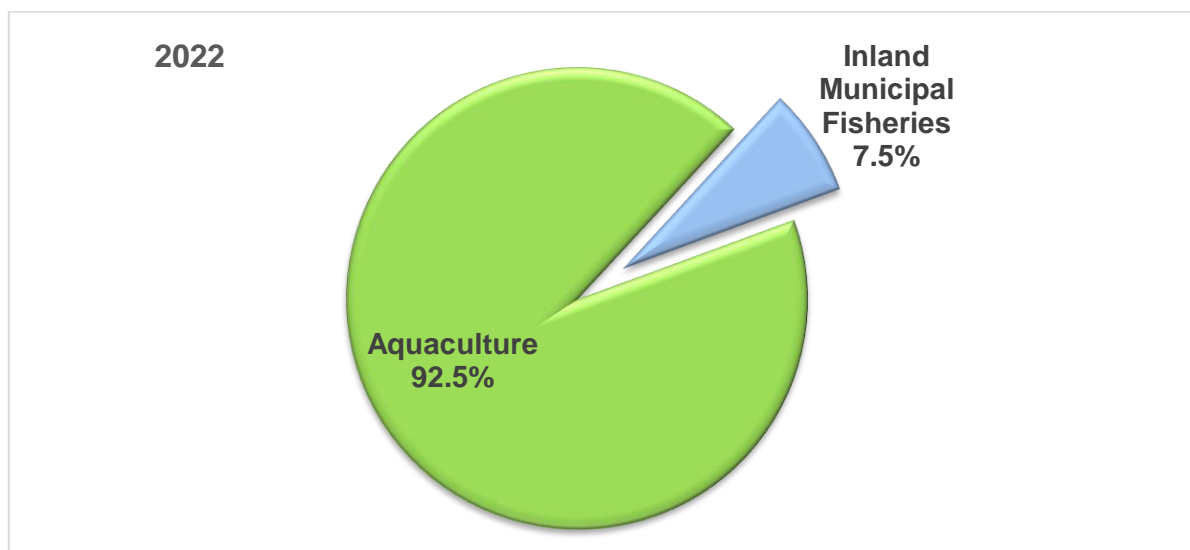


Source: Philippine Statistics Authority

In 2022, volume of production from aquaculture significantly improved by 71.5 percent while inland municipal fisheries significantly dropped by -73.7 percent. (Figure 2 and Table 1)

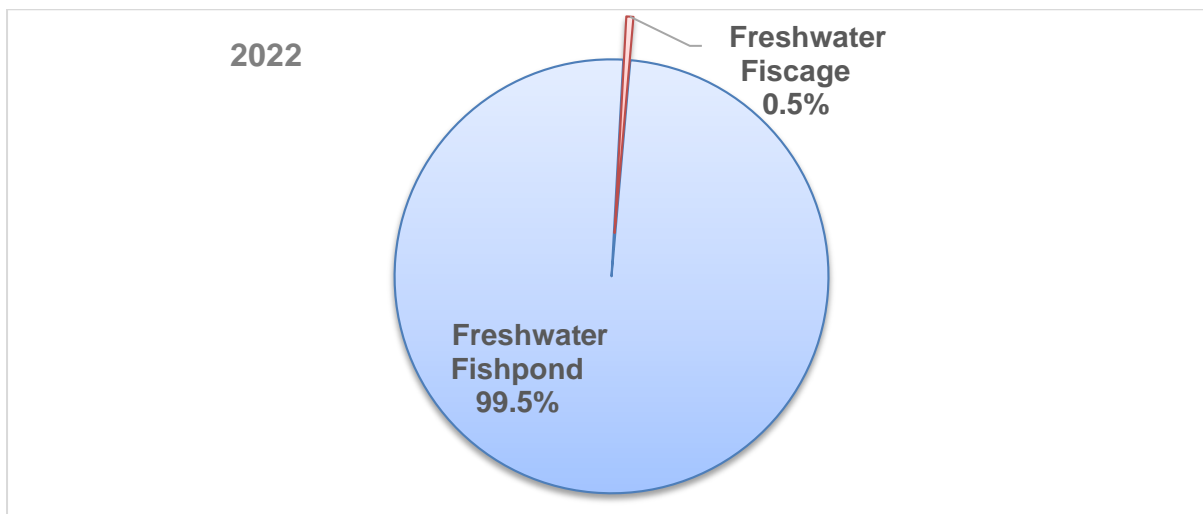
By subsector, production from aquaculture farms and inland municipal fisheries comprised 92.5 percent and 7.5 percent, respectively, of the total fisheries production in 2022. (Figure 3 and Table 1)

Figure 3. Percent share of Fishery Subsectors to Total Fisheries Production, Apayao Province, Cordillera Administrative Region, 2022



Source: Philippine Statistics Authority

Figure 4. Percent Share of Farm Types to Aquaculture Production, Apayao Province, Cordillera Administrative Region, 2022

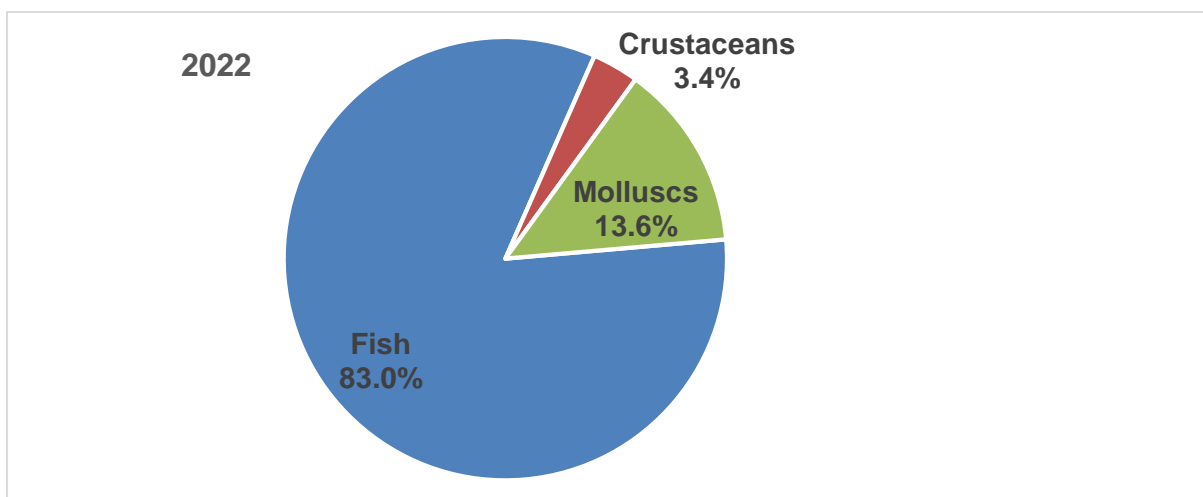


Source: Philippine Statistics Authority

The bulk of the volume of aquaculture production were produced from freshwater fishponds with an increase of 73.1 percent from 64.3 metric tons output a year ago. Half a percent was produced from freshwater fishcage which declined by -37.2 percent from the 2021 level of 0.94 metric tons. Tilapia species continuously topped the volume of production among all species in aquaculture. (Figure 4 and Table 2)

By classification of species of inland fisheries, fish contributed the biggest share at 83.0 percent or 7.56 metric tons to the total inland fisheries production. It was followed by molluscs at 13.6 percent or 1.24 metric tons, and crustaceans at 3.4 percent or 0.31 metric tons during the same period. (Figure 5 and Table 3)

Figure 5. Percent Share of Inland Species Classification to Inland Municipal Fisheries Production, Apayao Province, Cordillera Administrative Region, 2022



Source: Philippine Statistics Authority

Table 1. Volume of Fisheries Production by Subsector, Apayao Province, Cordillera Administrative Region, January to December: 2020-2022

| Sector                     | Volume of Production<br>(metric tons) |       |        | Change    |         |           |         | 2022<br>Percent<br>Share to<br>Total<br>Fisheries<br>Production |
|----------------------------|---------------------------------------|-------|--------|-----------|---------|-----------|---------|---|
|                            | 2020                                  | 2021  | 2022   | 2021/2020 |         | 2022/2021 |         |   |
|                            |                                       |       |        | Level     | Percent | Level     | Percent |   |
| Total Fisheries Production | 241.05                                | 99.86 | 121.01 | -141.19   | -58.6   | 21.2      | 21.2    | 100.0   |
| Aquaculture                | 110.10                                | 65.24 | 111.90 | -44.86    | -40.7   | 46.7      | 71.5    | 92.5  |
| Inland Municipal Fisheries | 130.95                                | 34.62 | 9.11   | -96.33    | -73.6   | -25.5     | -73.7   | 7.5   |

Source: Philippine Statistics Authority

Table 2. Volume of Aquaculture Production by Farm Type and Species, Apayao Province, Cordillera Administrative Region, January to December: 2020-2022

| Farm Type /<br>Species     | Volume of Production<br>(metric tons) |              |               | Change        |                |              |              | 2022<br>Percent<br>Share to<br>Total<br>Aquaculture<br>Production |
|----------------------------|---------------------------------------|--------------|---------------|---------------|----------------|--------------|--------------|---|
|                            | 2020                                  | 2021         | 2022          | 2021/2020     |                | 2022/2021    |              |   |
|                            |                                       |              |               | Level         | Percent        | Level        | Percent      |   |
| <b>Aquaculture</b>         | <b>110.10</b>                         | <b>65.24</b> | <b>111.90</b> | <b>-44.86</b> | <b>-40.745</b> | <b>46.66</b> | <b>71.5</b>  | <b>100.0</b>  |
| <b>Freshwater Fishpond</b> | <b>109.74</b>                         | <b>64.3</b>  | <b>111.31</b> | <b>-45.44</b> | <b>-41.407</b> | <b>47.01</b> | <b>73.1</b>  | <b>99.5</b>   |
| Tilapia                    | 109.74                                | 64.03        | 100.67        | -45.71        |                |              |              | 90.0  |
| Carp                       | 0.00                                  | 0.07         | 2.09          | 0.07          |                |              |              | 1.9   |
| Catfish                    | 0.00                                  | 0.10         | 6.31          | 0.10          |                |              |              | 5.6   |
| Gourami                    | 0.00                                  | 0.00         | 0.33          | 0.00          |                |              |              | 0.3   |
| Mudfish                    | 0.00                                  | 0.02         | 1.63          | 0.02          |                |              |              | 1.5   |
| Others                     | 0.00                                  | 0.08         | 0.29          | 0.08          |                |              |              | 0.3   |
| <b>Freshwater Fiscage</b>  | <b>0.36</b>                           | <b>0.94</b>  | <b>0.59</b>   | <b>0.58</b>   | <b>161.111</b> | <b>-0.35</b> | <b>-37.2</b> | <b>0.5</b>  |
| Tilapia                    | 0.36                                  | 0.94         | 0.59          | 0.58          |                |              |              | 0.5   |

Source: Philippine Statistics Authority

Table 3. Volume of Inland Fisheries Production by Classification and by Species, Apayao Province, Cordillera Administrative Region, January to December: 2020-2022

| Classification /<br>Species       | Volume of Production<br>(metric tons) |              |             | Change        |              |               |              | 2022<br>Percent<br>Share to<br>Total Inland<br>Production |
|-----------------------------------|---------------------------------------|--------------|-------------|---------------|--------------|---------------|--------------|---|
|                                   | 2020                                  | 2021         | 2022        | 2021/2020     |              | 2022/2021     |              |   |
|                                   |                                       |              |             | Level         | Percent      | Level         | Percent      |   |
| <b>Inland Municipal Fisheries</b> | <b>130.95</b>                         | <b>34.62</b> | <b>9.11</b> | <b>-96.33</b> | <b>-73.6</b> | <b>-25.51</b> | <b>-73.7</b> | <b>100.0</b>  |
| <b>Fish</b>                       | <b>115.44</b>                         | <b>31.06</b> | <b>7.56</b> | <b>-84.38</b> | <b>-73.1</b> | <b>-23.5</b>  | <b>-75.7</b> | <b>83.0</b>   |
| Carp                              | 32.70                                 | 7.70         | 2.55        | -25.00        |              |               |              | 28.0  |
| Catfish (Hito)                    | 6.25                                  | 1.05         | 0.36        | -5.20         |              |               |              | 4.0   |
| Catfish (Kanduli)                 | 0.05                                  | 0.25         | 0.24        | 0.20          |              |               |              | 2.6   |
| Eel (Igat)                        | 11.96                                 | 4.08         | 1.14        | -7.88         |              |               |              | 12.5  |
| Freshwater goby (Biya)            | 4.85                                  | 2.39         | 0.64        | -2.46         |              |               |              | 7.0   |
| Gourami                           | 0.51                                  | 0.00         | 0.01        | -0.51         |              |               |              | 0.1   |
| Mudfish (Dalag)                   | 12.23                                 | 2.18         | 0.70        | -10.05        |              |               |              | 7.7   |
| Tilapia                           | 38.94                                 | 11.32        | 1.03        | -27.62        |              |               |              | 11.3  |
| Other fishes                      | 7.95                                  | 2.09         | 0.89        | -5.86         |              |               |              | 9.8   |
| <b>Crustaceans</b>                | <b>5.35</b>                           | <b>1.35</b>  | <b>0.31</b> | <b>-4.00</b>  | <b>-74.8</b> | <b>-1.04</b>  | <b>-77.0</b> | <b>3.4</b>  |
| Freshwater crab (Talangl)         | 4.40                                  | 0.95         | 0.15        | -3.45         |              |               |              | 1.6   |
| Freshwater shrimp (Hipop)         | 0.95                                  | 0.40         | 0.17        | -0.55         |              |               |              | 1.9   |
| <b>Molluscs</b>                   | <b>10.16</b>                          | <b>2.21</b>  | <b>1.24</b> | <b>-7.95</b>  | <b>-78.2</b> | <b>-0.97</b>  | <b>-43.9</b> | <b>13.6</b>   |
| Freshwater clams (Tulya)          | 0.90                                  | 0.49         | 0.60        | -0.41         |              |               |              | 6.6   |
| Shell (Kuhol)                     | 1.57                                  | 0.63         | 0.26        | -0.94         |              |               |              | 2.9   |
| Snail (Suso)                      | 7.69                                  | 1.09         | 0.38        | -6.6          |              |               |              | 4.2   |

Source: Philippine Statistics Authority

## CONCEPTS AND DEFINITIONS

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

**Aquafarms** - 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.

**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 No.8550 otherwise known as the "Philippine Fisheries Code of 1998).

**Fishing** - the taking of fishery species from their wild state or habitat with or without the use of fishing vessels.

**Fish cage** - stationary or floating fish enclosure made of synthetic net wire/bamboo screen or other materials set in the form of 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.

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

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

**Inland municipal fishing** - the catching of fish, crustaceans, molluscs 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 (3) gross tons or less; or fishing not requiring the use of fishing boats.

**Municipal fishing** - covers fishing operation carried out with or without the use of a boat weighing thee (3) gross tons or less.



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