

SPECIAL RELEASE

Fisheries Production in Laguna: Fourth Quarter 2024^P and Annual 2024^P

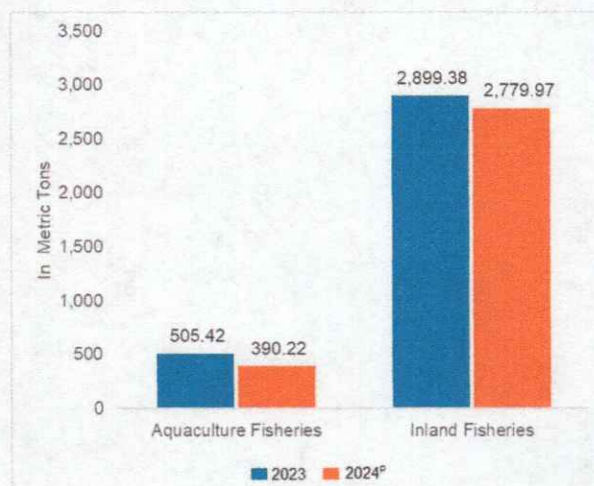
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A. Fisheries production declined by 6.9 percent in the fourth quarter of 2024

The total volume of fisheries production in the fourth quarter of 2024 was registered at 3,170.19 metric tons, a decrease of 6.9 percent from the 3,404.80 metric tons output in the same quarter of the previous year. The highest decline was attributed to the decrease in volume of production in aquaculture fisheries subsector equivalent to 22.8 percent. The inland fisheries subsector had the highest share of 87.7 percent to the total fisheries production during the quarter. (Figure 1 and Table 1)

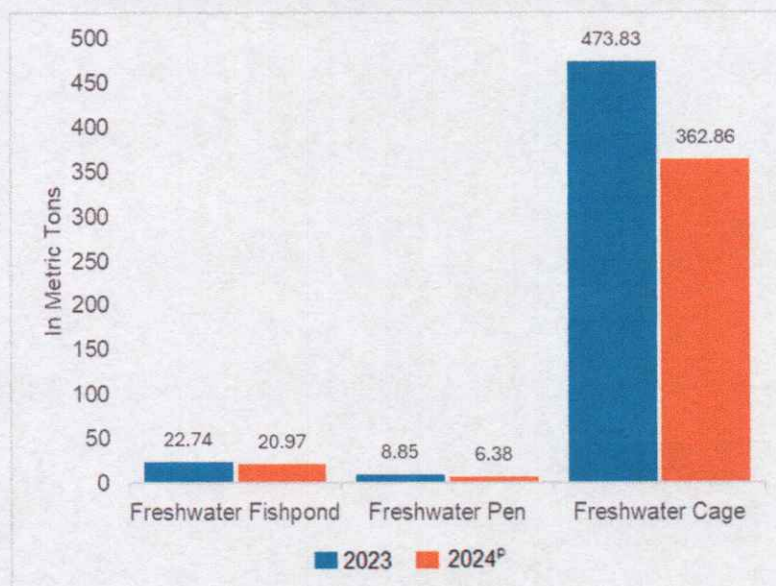
Figure 1. Volume of Fisheries Production by Subsector: Laguna, Fourth Quarter 2023 - 2024^P



Aquaculture Fisheries

Aquaculture fisheries production was registered at 390.22 metric tons. This was lower by 22.8 percent from the previous year's same period output of 505.42 metric tons. Freshwater fishpond production of 20.97 metric tons decreased by 7.8 percent compared to last year's output of 22.74 metric tons. Freshwater pen has recorded 6.38 metric tons production indicating a decrease of 27.9 percent compared to the previous year's same period output of 8.85 metric tons. Freshwater cage volume of production was estimated at 362.86 metric tons. This indicates a decline of 23.4 percent from the same quarter of the previous year's level of 473.83 metric tons. The freshwater cage constituted the highest share of 93.0 percent to the total aquaculture production during the quarter. (Figure 2 and Table 2)

Figure 2. Volume of Aquaculture Fisheries Production (in Metric Tons) by Type of Environment: Laguna, Fourth Quarter 2023 - 2024^P



Inland Fisheries

During the quarter, inland fisheries production was recorded at 2,779.97 metric tons. This indicates a decrease of 4.1 percent from the 2,899.38 metric tons output in the same quarter from the previous year.

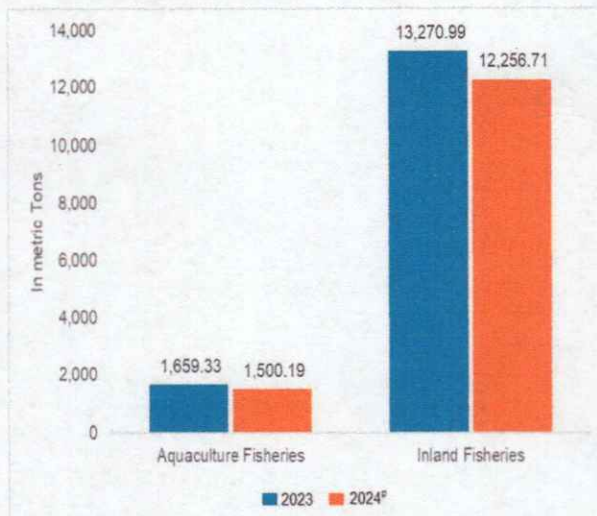
The species that contributed to the decrease in inland production were snail (susu, -4.8%), tilapia (-7.8%), and catfish (kanduli, -18.8%).

On the other hand, increases were noted in big head carp (91.0% and milkfish (bangus, 37.9%). (Table 3)

B. Fisheries production decreased by 7.9 percent in 2024

In 2024, the volume of fisheries production was recorded at 13.76 thousand metric tons. This indicates an annual average decrease of 7.9 percent from the 14.93 thousand metric tons output in 2023. Decreases in production were highly noted in aquaculture fisheries subsector with 9.6 percent. The percent share of inland fisheries and aquaculture fisheries were 89.1 percent and 10.9 percent, respectively. (Figure 3 and Table 4)

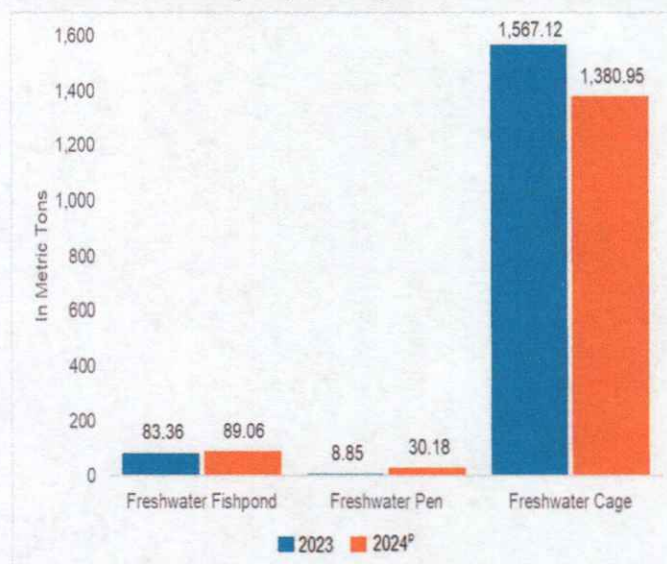
Figure 3. Volume of Fisheries Production by Subsector: Laguna, January to December 2023 - 2024^P



Aquaculture Fisheries

Aquaculture fisheries volume of production was estimated at 1.5 thousand metric tons during the year. This was 9.6 percent lower than the 2023 level of 1.7 thousand metric tons. Increases in production were noted in freshwater fishpond and freshwater pen. Only freshwater cage displayed downtrend in production. (Figure 4 and Table 5)

Figure 4. Volume of Aquaculture Fisheries Production (in Metric Tons) by Type of Environment: Laguna, January to December 2023-2024^P

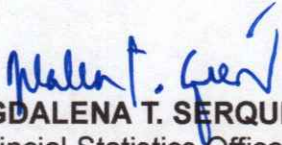


Inland Fisheries

The annual inland volume of production was estimated at 12.3 thousand metric tons in 2024. This shows an annual average decrease of 7.6 percent compared to the previous year's output of 13.3 thousand metric tons.

Of the species, output reductions were primarily noted in tilapia (5.9%) and snail (susong, 10.7%).

On the other hand, output improvements were mainly reported in big head carp (37.0%), milkfish (bangus, 52.6%), starry goby (dulong, 90.6%), and freshwater goby (biya, 168.0%). (Table 6)


MAGDALENA T. SERQUEÑA
Provincial Statistics Officer

MCM/ALD

TECHNICAL NOTES

Aquaculture refers to fishery operation involving all forms of raising and culturing of fish and other fishery species in fresh, brackish and marine water areas. (RA 8550)

Aquaculture production refers to the volume harvested from the aquafarm. It includes those species harvested in marketable/matured size and in fresh form. The species harvested that are utilized as input to another operation like planting materials, are not included in the estimates of volume produced.

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

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

Fish cage refers to a 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.

Inland Fisheries refers to the catching of fish, crustaceans, molluscs and 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.

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Table 1. Volume of Fisheries Production (in Metric Tons) by Subsector:
Laguna, Third Quarter 2023 - 2024

Subsector	Volume of Production (metric tons)		Percent Change (%)	Percent Share to Total Volume of Fisheries Production (%)
	2023	2024		2024
Total	3,040.83	3,467.49	14.0	100.0
Inland Fisheries	2,808.26	3,119.09	11.1	90.0
Aquaculture	232.57	348.40	49.8	10.0

Note: Percent change and percent share may yield different results when computed due to rounding

Sources: Philippine Statistics Authority, Quarterly Fisheries Survey, Quarterly Inland Fisheries Survey, and Quarterly Aquaculture Survey

Table 2. Volume of Aquaculture Fisheries Production (in Metric Tons) by Type of Environment/Species: Laguna, Third Quarter 2023 - 2024

Type of Environment/Species	Volume of Production (metric tons)		Percent Change (%)	Percent Share to Total Volume of Fisheries Production (%)
	2023	2024		2024
Total	232.57	348.40	49.8	100.0
FRESHWATER FISHPOND	31.47	39.45	25.4	11.3
Tilapia	0.32	0.16	-50.0	0.4
Catfish	31.15	39.22	25.9	99.4
Others	..	0.06	-	0.2
FRESHWATER PEN	..	22.91	-	6.6
Milkfish	..	19.29	-	84.2
Tilapia	..	3.62	-	15.8
FRESHWATER CAGE	201.09	286.05	42.2	82.1
Milkfish	25.00	8.63	-65.5	3.0
Tilapia	163.37	230.12	40.9	80.4
Carp	12.72	47.30	271.9	16.5

p – Preliminary .. Data not available

Note: Percent change and percent share may yield different results when computed due to rounding

Sources: Philippine Statistics Authority, Quarterly Fisheries Survey, Quarterly Inland Fisheries Survey, and Quarterly Aquaculture Survey

Table 3. Volume of Inland Fisheries Production (in Metric Tons) by Species:
Laguna, Third Quarter 2023 - 2024

Species	Volume of Production (metric tons)		Percent Change (%)	Percent Share to Total Volume of Fisheries Production (%)
	2023	2024		2024
TOTAL	2,808.26	3,119.09	11.1	100.0
Carp	1.68	1.21	-28.0	a/
Catfish (Hito)	0.43	0.83	93.0	a/
Catfish (Kanduli)	10.57	19.91	88.4	0.6
Eel (lgat)	1.94	2.93	51.0	0.1
Freshwater goby (Biya)	1.84	1.84	0	0.1
Gourami	3.53	1.24	-64.9	a/
Milkfish (Bangus)	2.55	14.86	482.7	0.5
Mudfish (Dalag)	3.24	4.10	26.5	0.1
Silver perch (Ayungin)	4.00	6.13	53.3	0.2
Starry goby (Dulong)	20.94	8.06	-61.5	0.3
Tilapia	339.18	344.91	1.7	11.1
Big head carp	46.93	60.88	29.7	2.0
Other fishes	1.04	67.03	6345.2	2.1
Freshwater shrimp (Hipon)	19.90	9.55	-52.0	0.3
Freshwater clams (Tulya)	1.73	1.91	10.4	0.1
Snail (Suso)	2,286.58	2,530.80	10.7	81.1
Other molluscs	62.19	42.91	-31.0	1.4

a/ - less than 0.1 percent

Note: Percent change and percent share may yield different results when computed due to rounding

Sources: Philippine Statistics Authority, Quarterly Fisheries Survey, Quarterly Inland Fisheries Survey, and Quarterly Aquaculture Survey

Table 4. Volume of Fisheries Production by Subsector:
Laguna, January to December 2023 - 2024^P

Subsector	Volume of Production (metric tons)		Percent Change (%)	Percent Share to Total Volume of Fisheries Production (%)
	2023	2024 ^P		2024 ^P
Total	14,930.32	13,756.90	-7.9	100.0
Inland Fisheries	13,270.99	12,256.71	-7.6	89.1
Aquaculture	1,659.33	1,500.19	-9.6	10.9

p - Preliminary

Note: Percent change and percent share may yield different results when computed due to rounding

Sources: Philippine Statistics Authority, Quarterly Fisheries Survey, Quarterly Inland Fisheries Survey, and Quarterly Aquaculture Survey

Table 5. Volume of Aquaculture Fisheries Production (in Metric Tons) by Type of Environment/Species: Laguna, January to December 2023-2024^P

Type of Environment/Species	Volume of Production (metric tons)		Percent Change (%)	Percent Share to Total Volume of Fisheries Production (%)
	2023	2024 ^P		2024 ^P
Total	1,659.33	1,500.19	-9.6	100.0
FRESHWATER FISHPOND	83.36	89.06	6.8	5.9
Tilapia	14.05	11.88	-15.4	13.3
Carp	..	0.47	-	0.5
Catfish	69.31	66.19	-4.5	74.3
Others	..	10.52	-	11.8
FRESHWATER PEN	8.85	30.18	241.0	2.0
Milkfish	..	21.22	-	70.3
Tilapia	..	3.62	-	12.0
Carp	8.85	4.45	-49.7	14.7
Catfish	..	0.89	-	2.9
FRESHWATER CAGE	1,567.12	1,380.95	-11.9	92.1
Milkfish	44.35	20.68	-53.4	1.5
Tilapia	1,155.29	977.74	-15.4	70.8
Carp	365.48	371.66	1.7	26.9
Catfish	2.00	1.30	-35.0	0.1
Others	..	9.57	-	0.7

p – Preliminary .. Data not available

Note: Percent change and percent share may yield different results when computed due to rounding

Sources: Philippine Statistics Authority, Quarterly Fisheries Survey, Quarterly Inland Fisheries Survey, and Quarterly Aquaculture Survey

Table 6. Volume of Inland Fisheries Production (in Metric Tons) by Species:
Laguna, January to December 2023-2024^P

Species	Volume of Production (metric tons)		Percent Change (%)	Percent Share to Total Volume of Fisheries Production (%)
	2023	2024 ^P		2024 ^P
TOTAL	13,270.99	12,256.71	-7.6	
Carp	6.17	13.56	119.8	0.1
Catfish (Hito)	8.26	15.10	82.8	0.1
Catfish (Kanduli)	90.69	93.04	2.6	0.8
Eel (lgat)	12.79	16.63	30.0	0.1
Freshwater goby (Biya)	6.28	16.83	168.0	0.1
Gourami	31.92	25.76	-19.3	0.2
Milkfish (Bangus)	103.09	157.28	52.6	1.3
Mudfish (Dalag)	61.90	50.68	-18.1	0.4
Silver perch (Ayungin)	23.89	22.69	-5.0	0.2
Starry goby (Dulong)	40.39	76.98	90.6	0.6
Tilapia	1,445.56	1,360.66	-5.9	11.1
Big head carp	211.85	290.20	37.0	2.4
Other fishes	28.60	197.38	590.1	1.6
Freshwater shrimp (Hipon)	89.52	58.83	-34.3	0.5
White shrimp (Hipong Puti)	32.08	..	-	-
Freshwater clams (Tulya)	37.66	23.37	-37.9	0.2
Snail (Suso)	10,917.78	9,752.00	-10.7	79.6
Other molluscs	122.56	85.73	-30.1	0.7

p - Preliminary .. Data not available

Note: Percent change and percent share may yield different results when computed due to rounding

Sources: Philippine Statistics Authority, Quarterly Fisheries Survey, Quarterly Inland Fisheries Survey, and Quarterly Aquaculture Survey