

SPECIAL RELEASE

FISHERIES PRODUCTION IN QUEZON: 1st Quarter 2023

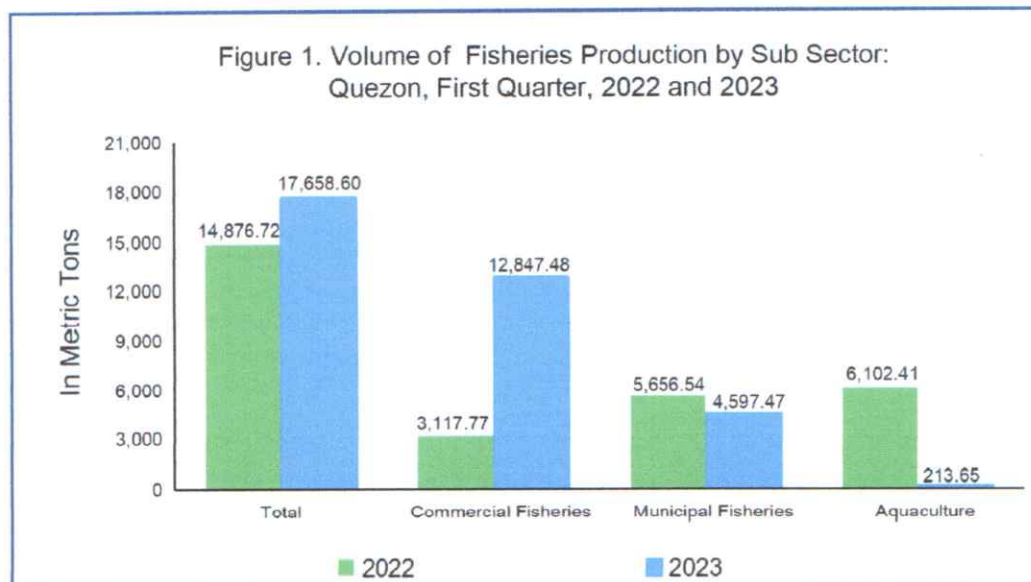
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Volume of Fisheries Production

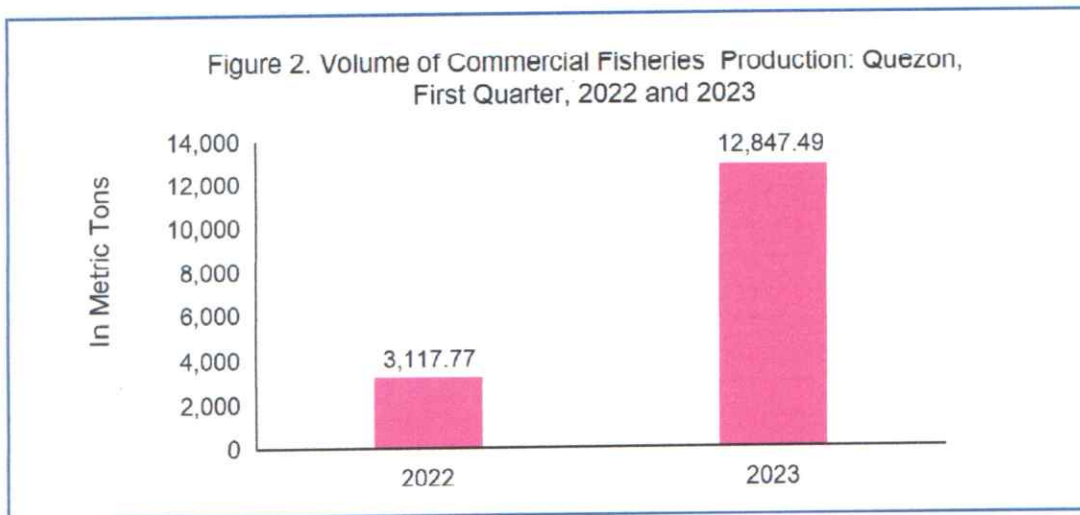
The total volume of fisheries production in Quezon province during the first Quarter of 2023 was estimated at 17,658.60 metric tons. It increased by 18.7 percent from the 14,876.72 metric tons reported in same quarter of 2022. This was brought about by the increase in the output from the commercial subsector (312.1%).

Among the subsectors, production from commercial fisheries contributed the biggest share of 72.8 percent to the total fisheries production during the period. It was followed by the output from municipal fisheries with 26.0 percent. Meanwhile, aquaculture fisheries shared 1.2 percent.



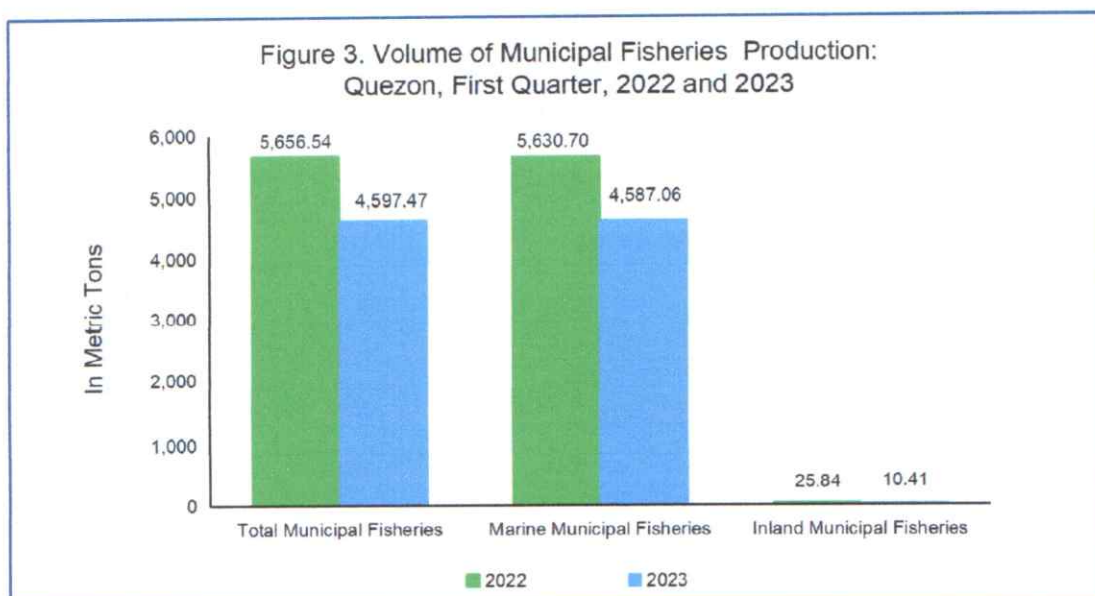
Commercial Fisheries

Production for commercial fisheries was posted at 12,847.48 metric tons, an increment of 312.1 percent compared to the 3,117.77 metric tons reported in the same quarter in 2022. The top five species that caused the increase in the total production of this subsector were bali sardinella or tamban (1,659.74 MT), threadfin bream or bisugo (1,401.23 MT), roundscad or galunggong (836.86 MT), yellowfin tuna or tambakol/bariels (639.13 MT) and squid or pusit (590.07 MT).



Municipal Fisheries

Municipal fisheries production was registered at 4,597.47 metric tons in the first quarter of 2023, lower by 1,059.07 MT compared to the same quarter's output of 5,656.54 metric tons in the previous year. Of this total volume of production, marine municipal fisheries accounted for 99.8 while the rest were caught from inland bodies of water.

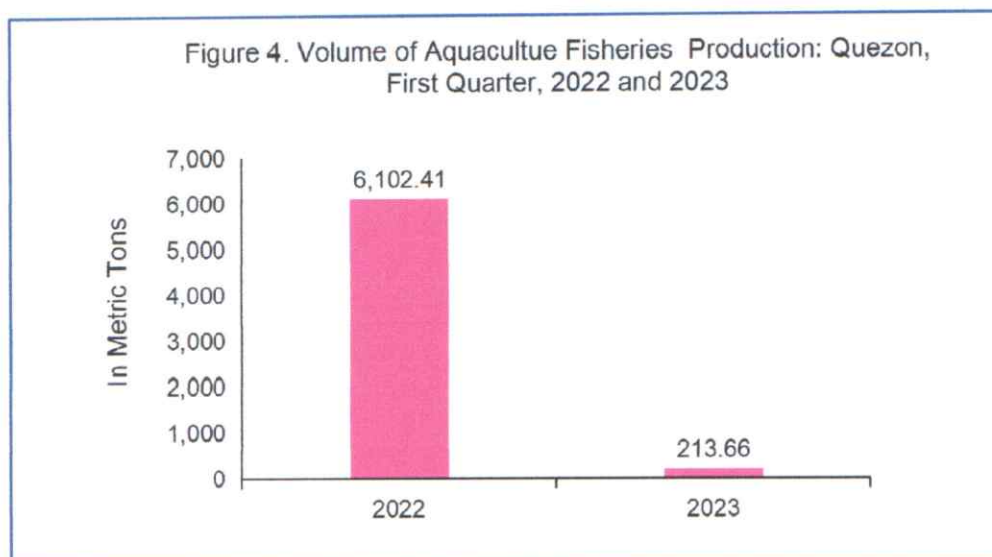


The volume of production for marine municipal fisheries resulted to an 18.5 percent decrease from 5,630.70 metric tons in the first quarter of 2022 to 4,587.06 metric tons in the same quarter of 2023. The leading species that contributed to the decrease in the volume of production comprising marine municipal fisheries were threadfin bream or bisugo (2,747.48 MT), goatfish or saramulyete (447.42 MT), grouper or lapu lapu (260.07 MT), cavalla or talakitok (67.70 MT) and skipjack or gulyasan (34.68 MT).

Inland fisheries production during the first quarter of 2023 was recorded at 10.40 metric tons, lower by 59.8 percent from its 2022 same quarter production of 25.84 metric tons. The top species contributing to the decline of the total volume of inland municipal fisheries production were blue crab or alimasag (10.26 MT), mudfish or dalag and tarpon or buan buan, both with 2.73 MT.

Aquaculture

Aquaculture fisheries production for the first quarter of 2023 decreased to 213.66 metric tons, from 6,102.41 metric tons during the same period in 2022. The decrease in the total aquaculture production was attributed to mudcrab (3,618.16 MT), milkfish (1,187.43 MT), and *Penaeus vannamei* (132.03 MT) harvested in brackish fishpond. Also contributing to the decline was the production of seaweeds which decreased by 763.02 MT, from 831.36 metric tons to 68.34 metric tons.



TECHNICAL NOTES

Aquaculture refers to 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.

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

Commercial fishing refers to 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 refer to 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 (Republic Act No. 8550 otherwise known as "The Philippine Fisheries Code of 1998").

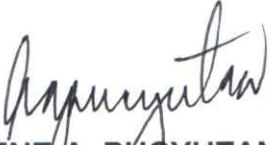
Fishing refers to the taking of fishery species from their wild state or habitat with or without the use of fishing vessels.

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

Inland municipal fishing is 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 (3) gross tons or less; or fishing not requiring the use of fishing boats.

Marine refers to seawater outside the coastal line such as Manila Bay, Visayan Sea, etc.

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


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Provincial Statistics Officer


NDP/PFYMLAR

Table 1. Volume of Fisheries Production (In Metric Tons) by Subsector:
Quezon, First Quarter, 2022 and 2023

Subsector	2022 Quarter 1		2023 Quarter 1		Change	
	Volume	%Share	Volume	%Share	Volume	Percent
Total	14,876.72	100.0	17,658.60	100.0	2,781.88	18.7
Commercial Fisheries	3,117.77	21.0	12,847.48	72.8	9,729.71	312.1
Municipal Fisheries	5,656.54	38.0	4,597.47	26.0	-1,059.07	-18.7
Marine Municipal Fisheries	5,630.70	37.8	4,587.06	26.0	-1,043.64	-18.5
Inland Municipal Fisheries	25.84	0.2	10.41	0.1	-15.43	-59.7
Aquaculture	6,102.41	41.0	213.65	1.2	-5,888.76	-96.5

Table 2. Volume of Aquaculture Fisheries Production (In Metric Tons) by Type of
Environment/Species: Quezon, First Quarter, 2022 and 2023

Species	2022 Quarter 1		2023 Quarter 1		Change	
	Volume	%Share	Volume	%Share	Volume	Percent
TOTAL	6,102.41	100.0	213.66	100.0	-5,888.75	-96.5
BRACKISHWATER FISHPOND	4,999.48	81.9	66.45	31.1	-4,933.03	-98.7
Milkfish	1,229.07	20.1	41.64	19.5	-1,187.43	-96.6
Tilapia	0.97	0.02	4.42	2.1	3.45	355.7
Tiger prawn	1.66	0.03	2.24	1.0	0.58	34.9
Mudcrab	3,629.73	59.5	11.57	5.4	-3,618.16	-99.7
Endeavor prawn	0.51	0.01	-	-	-0.51	-100.0
White shrimp	0.57	0.01	2.99	1.4	2.42	424.6
Grouper	0.02	0.0003	1.03	0.5	1.01	5,050.0
Siganid	2.43	0.04	0.08	0.04	-2.35	-96.7
P. Vannamei	134.52	2.2	2.49	1.2	-132.03	-98.1
BRACKISHWATER CAGE	-	-	0.10	0.05	0.10	-
Grouper	-	-	0.05	0.02	0.05	-
Others	-	-	0.05	0.02	0.05	-
FRESHWATER FISHPOND	103.19	1.7	2.09	1.0	-101.10	-98.0
Tilapia	102.94	1.7	1.82	0.9	-101.12	-98.2
Carp	0.01	0.0002	-	-	-0.01	-100.0
Catfish	0.08	0.001	0.06	0.03	-0.02	-25.0
Mudfish	0.09	0.001	0.20	0.1	0.11	122.2
Freshwater prawn	0.05	0.001	-	-	-0.05	-100.0
Others	0.02	0.0003	-	-	-0.02	-100.0
MARINE CAGE	168.38	2.8	76.18	35.7	-92.20	-54.8
Milkfish	161.64	2.6	72.59	34.0	-89.05	-55.1
Grouper	3.07	0.1	3.39	1.6	0.32	10.4
Siganid	-	-	-	-	-	-
Others	3.67	0.1	0.20	0.1	-3.47	-94.6
OYSTER	-	-	0.50	0.2	0.50	-
SEAWEED	831.36	13.6	68.34	32.0	-763.02	-91.8

Table 3. Volume of Commercial Fisheries Production (In Metric Tons) by Species: Quezon, First Quarter, 2022 and 2023

Species	2022 Quarter 1		2023 Quarter 1		Change	
	Volume	%Share	Volume	%Share	Volume	Percent
TOTAL	3,117.77	100.0	12,847.49	100.0	9,729.72	312.07
Acetes (Alamang)	1.36	0.0	-	-	-1.36	-100.00
Anchovies (Dilis)	164.70	5.3	636.77	5.0	472.07	286.62
Big-eyed scad (Matangbaka)	14.68	0.5	554.51	4.3	539.83	3,677.32
Big-eyed tuna (Tambakol/ Bariles)	55.96	1.8	4.77	0.04	-51.19	-91.48
Blue crab (Alimasag)	13.84	0.4	-	-	-13.84	-100.00
Cavalla (Talakitok)	34.83	1.1	231.72	1.8	196.89	565.29
Eastern little tuna (Bonito)	5.50	0.2	-	-	-5.50	-100.00
Fimbriated sardines (Tunsoy)	23.80	0.8	0.25	0.002	-23.55	-98.95
Flying fish (Bolador)	61.66	2.0	10.05	0.1	-51.61	-83.70
Frigate tuna (Tulingan)	443.63	14.2	614.16	4.8	170.53	38.44
Goatfish (Saramulyete)	1.00	0.03	-	-	-1.00	-100.00
Grouper (Lapu-lapu)	44.99	1.4	-	-	-44.99	-100.00
Hairtail (Espada)	84.54	2.7	256.35	2.0	171.81	203.23
Indian mackerel (Alumahan)	379.56	12.2	913.63	7.1	534.07	140.71
Bali sardinella (Tamban)	19.67	0.6	1,679.41	13.1	1,659.74	8,437.93
Mullet (Kapak)	2.16	0.1	-	-	-2.16	-100.00
Porgies (Pargo)	1.07	0.03	-	-	-1.07	-100.00
Roundscad (Galunggong)	744.90	23.9	1,581.76	12.3	836.86	112.35
Siganid (Samaral)	29.68	1.0	-	-	-29.68	-100.00
Skipjack (Gulyasan)	242.98	7.8	737.88	5.7	494.90	203.68
Slipmouth (Sapsap)	19.62	0.6	248.32	1.9	228.70	1,165.65
Snapper (Maya-maya)	3.90	0.1	-	-	-3.90	-100.00
Spanish mackerel (Tanigue)	66.08	2.1	611.27	4.8	545.19	825.05
Squid (Pusit)	182.78	5.9	772.85	6.0	590.07	322.83
Threadfin bream (Bisugo)	12.98	0.4	1,414.21	11.0	1,401.23	10,795.30
Yellowfin tuna (Tambakol/Bariles)	99.46	3.2	738.59	5.7	639.13	642.60
Others	362.44	11.6	1,840.99	14.3	1,478.55	407.94

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Table 4. Volume of Marine Municipal Fisheries Production (In Metric Tons) by Species: Quezon, First Quarter, 2022 and 2023

Species	2022 Quarter 1		2023 Quarter 1		Change	
	Volume	%Share	Volume	%Share	Volume	Percent
TOTAL	5,630.70	100.0	4,587.06	100.0	-1,043.64	-18.5
Acetes (Alamang)	-	-	345.85	7.5	345.85	-
Anchovies (Dilis)	17.55	0.3	153.58	3.3	136.03	775.1
Big-eyed scad (Matangbaka)	12.35	0.2	188.35	4.1	176.00	1,425.1
Big-eyed tuna (Tambakol/ Bariles)	8.95	0.2	10.20	0.2	1.25	14.0
Blue crab (Alimasag)	41.48	0.7	227.34	5.0	185.86	448.1
Caesio (Dalagang-bukid)	12.35	0.2	30.70	0.7	18.35	148.6
Cavalla (Talakitok)	165.74	2.9	98.04	2.1	-67.70	-40.8
Crevalle (Salay-salay)	0.81	0.01	10.02	0.2	9.21	1,137.0
Eastern little tuna (Bonito)	-	-	9.83	0.2	9.83	-
Fimbriated sardines (Tunsoy)	11.50	0.2	229.85	5.0	218.35	1,898.7
Flying fish (Bolador)	9.24	0.2	8.06	0.2	-1.18	-12.8
Frigate tuna (Tulingan)	145.61	2.6	127.11	2.8	-18.50	-12.7
Goatfish (Saramulyete)	535.08	9.5	87.66	1.9	-447.42	-83.6
Grouper (Lapu-lapu)	344.99	6.1	84.92	1.9	-260.07	-75.4
Hairtail (Espada)	6.68	0.1	152.48	3.3	145.80	2,182.6
Indian mackerel (Alumahan)	85.90	1.5	342.26	7.5	256.36	298.4
Bali sardinella (Tamban)	39.09	0.7	340.68	7.4	301.59	771.5
Indo-pacific mackerel (Hasa-hasa)	1.21	0.0	2.21	0.0	1.00	82.6
Mullet (Kapak)	-	-	15.87	0.3	15.87	-
Parrot fish (Loro)	-	-	13.24	0.3	13.24	-
Porgies (Pargo)	4.72	0.1	43.49	0.9	38.77	821.4
Round herring (Tulis)	-	-	2.41	0.1	2.41	-
Roundscad (Galunggong)	230.68	4.1	314.86	6.9	84.18	36.5
Siganid (Samaral)	24.73	0.4	117.65	2.6	92.92	375.7
Skipjack (Gulyasan)	45.98	0.8	11.30	0.2	-34.68	-75.4
Slipmouth (Sapsap)	23.41	0.4	186.83	4.1	163.42	698.1
Snapper (Maya-maya)	42.28	0.8	20.76	0.5	-21.52	-50.9
Spanish mackerel (Tanigue)	13.02	0.2	140.59	3.1	127.57	979.8
Squid (Pusit)	63.86	1.1	255.37	5.6	191.51	299.9
Threadfin bream (Bisugo)	3,131.83	55.6	384.35	8.4	-2,747.48	-87.7
Yellowfin tuna (Tambakol/Bariles)	27.88	0.5	110.73	2.4	82.85	297.2
Others	583.78	10.4	520.47	11.3	-63.31	-10.8

Table 5. Volume of Inland Municipal Fisheries Production (In Metric Tons) by Species: Quezon, First Quarter, 2022 and 2023

Species	2022 Quarter 1		2023 Quarter 1		Change	
	Volume	%Share	Volume	%Share	Volume	Percent
TOTAL	25.84	100.0	10.40	100.0	-15.44	-59.8
FISH	13.38	51.8	5.08	48.8	-8.30	-62.0
Carp	0.06	0.2	-	-	-0.06	-100.0
Catfish (Hito)	0.79	3.1	0.10	1.0	-0.69	-87.3
Eel (Igat)	-	-	0.04	0.4	0.04	-
Freshwater goby (Biya)	-	-	0.22	2.1	0.22	-
Milkfish (Bangus)	0.86	3.3	-	-	-0.86	-100.0
Mudfish (Dalag)	3.25	12.6	0.52	5.0	-2.73	-84.0
Sardines (Tawilis)	-	-	0.14	1.3	0.14	-
Spade fish (Kitang)	0.66	2.6	-	-	-0.66	-100.0
Starry goby (Dulong)	-	-	0.03	0.3	0.03	-
Tarpon (Buan Buan)	2.73	10.6	-	-	-2.73	-100.0
Tilapia	5.03	19.5	4.03	38.8	-1.00	-19.9
CRUSTACEANS	12.42	48.1	5.28	50.8	-7.14	-57.5
Blue crab (Alimasag)	11.06	42.8	0.80	7.7	-10.26	-92.8
Freshwater crab (Talangka)	-	-	0.56	5.4	0.56	-
Freshwater shrimp (Hipon)	0.68	2.6	2.99	28.8	2.31	339.7
Lobster (Ulang)	-	-	0.35	3.4	0.35	-
Mud crab (Alimango)	0.54	2.1	0.53	5.1	-0.01	-1.9
White shrimp (Hipong Puti)	0.14	0.5	0.05	0.5	-0.09	-64.3
MOLLUSCS	0.04	0.2	0.04	0.4	-	-
Clams (Kabibi)	0.04	0.2	-	-	-0.04	-100.0
Snail (Suso)	-	-	0.04	0.4	0.04	-