

THE AGRICULTURAL STATISTICS RELEASE, SECOND QUARTER 2023

*P.O Box 2321, Zanzibar,
7 Fumba Road,
71125 Mjini Magharibi,
Zanzibar - Tanzania*



Zanzibar Official Statistics Provider

*Simu: +255 24 224 0134
+255 24 224 0135
Barua pepe: gs@ocgs.go.tz
Tovuti: <http://www.ocgs.go.tz>*

Introduction

Office of the Chief Government Statistician (OCGS) is responsible to collect, compile and disseminate data from different institutions operating under the territory of Zanzibar. This quarterly agricultural statistics release is the second publication for the year 2023 containing statistics on agriculture production that took place in the specified time period. This report aims to give an overview of the performance of agricultural sector for the second quarter for the year 2023 in Zanzibar and its comparison to its corresponding quarter of 2022. Thus, the publication provides an insight of the country's performance and impact of different interventions carried out by the Government and other stakeholders geared towards improving the agriculture sector.

Data published in this release include production of main cash crops, mining and quarry, seaweeds, forest products, number of inspected and slaughtered livestock and fish catch.

Fish Catches

The quantity of fish caught in this quarter of 2023 was 14,254.3 tons with the total value of TZS 91,115.9 million. The quantity increased by 4.8 percent as compared with the quantity of fish caught in second quarter 2022.

Table 1 shows that, the highest quantity of fish caught (17.1 percent) was recorded in Mjini district i.e., 2,430.4 tons valued at TZS 19,889.4 million followed by Mkoani district which reported 2,010.0 tons (14.1 percent), valued at TZS 13,058.3 million. The lowest fish caught for the second quarter 2023 was recorded in Chake chake district (5.4 percent) with a total quantity of 770.5 tons, valued at TZS 4,412.2 million.

Table 1: Estimated Fish Catches Quantity (tons) and Value (TZS) by District, Second Quarter 2019 and 2023

(Value TZS 'Millions)

Year	Items	Kaskazini "A"	Kaskazini "B"	Kati	Kusini	Mjini	Magharibi A&B	Micheweni	Wete	Chakechake	Mkoani	Total
2019	Quantity	1,208.03	261.037	789.979	734.015	678.23	1957.433	823.953	762.467	748.60	1,151.4	9,115.1
	Value	6,468.75	1,392.14	4,212.50	3,927.11	3,602.78	10,417.75	4,383.69	4,055.00	3,987.73	6,131.2	48,578.6
2020	Quantity	1,223.00	828.8	740.7	650.8	1,734.60	644.3	813.5	732.6	1,253.80	1,961.2	10,583.2
	Value	6,556.50	4,426.20	3,955.10	3,487.30	9,240.70	3,434.00	4,337.70	3,900.50	6,689.70	10,463.2	56,490.9
2021	Quantity	1,627.90	1,048.90	836.1	523.2	1,836.70	1,979.10	660.6	673.8	397.8	1,379.6	10,963.6
	Value	10,259.70	5,226.20	3,916.10	3,210.70	9,816.60	8,176.30	3,363.40	2,306.60	1,534.30	5,986.3	53,796.0
2022	Quantity	1,181.90	1,228.10	1,584.90	652.9	2,477.10	1,939.70	1,197.10	704.3	733.9	1,897.0	13,596.9
	Value	7,470.90	7,762.80	10,018.70	4,126.90	15,658.30	12,261.30	6,979.60	4,352.60	4,097.50	10,590.6	83,319.3
2023	Quantity	1,352.7	1,166.9	1,138.6	783.6	2,430.4	1,925.7	1,235.4	1,440.5	770.5	2,010.0	14,254.3
	Value	9,413.3	7,197.0	6,817.1	4,012.8	19,889.4	11,729.6	6,857.2	7,729.0	4,412.2	13,058.3	91,115.9
Percentage change 2022/2023		14.5	- 5.0	- 28.2	20.0	- 1.9	- 0.7	3.2	104.5	5.0	6.0	4.8

Source: Ministry of Blue Economy and Fisheries,

Cash Crops

Cash crops are the agricultural crops which are grown for sale to return a cash profit, they are solely cultivated for the market, it can be local or international. In Zanzibar the main cash crops are seaweed and clove.

Seaweed Production

The total seaweed production for the this quarter 2023 was 2,434 tons with total value of TZS 2,435.3 million, this is equivalent to an increase of 6.9 percent compared to the quantity produced in the second quarter of 2022 (3,608 tons). About 99.9 percent of the seaweed produced was E.spinosium, recorded 2,432 tons with the total value of TZS 2,432,032 million while E-cottonni recorded 1.6 tons with the total value of TZS 3,301 million equivalents to 0.1 percent of the total seaweed production. The price for the E. spinosium in this quarter was TZS 1,000 per kg while that of E.cottonni was TZS 2,100 per kg. **Table 2**

Table 2: Quantity and Value of Seaweed Production, Second Quarter 2019 and 2023

(Value TZS 000')											
Type of Seaweeds	2019		2020		2021		2022		2023		Percentage change
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
E.Spinosum	2,899	1,503	2,382	1,517,009	2,653	1,591,692	2,266	1,359,600	2,432	2,432.032	7.33
E. Cottonni	26	54.17802	26	61,841	16.3	26,113	9	14,400	1.6	3,301	- 82.53
Total	2,925	1,558	2,408	1,578,850	2,669	1,617,805	2,275	1,374,000	2,434	2,435.3	6.9

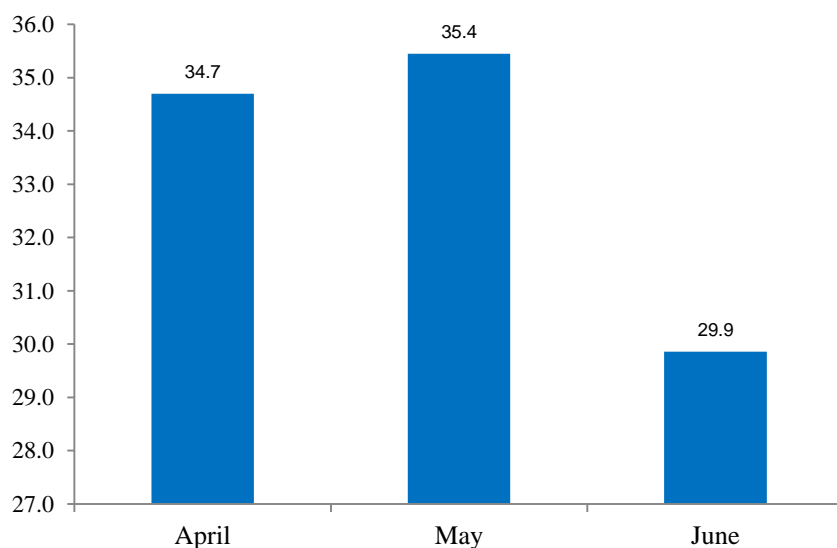
Source: Ministry of Blue Economy and Fisheries

Clove

The total clove purchased for the second quarter 2023 was 8.3 tons with total value of TZS 112.6 million. The largest quantity of clove (35.4 percent) worth TZS 40.1 million was purchased in May followed by the quantity purchased in April (2.9 tons; 34.7 percent) worth TZS 39.6 million. While lowest amount of clove purchased was produced in June whereby only 2.5 tons were purchased with the total value of TZS 32.9 million. In general second quarter 2023 clove purchased was decreased with 75.8 percent compared with the second quarter 2022 as it shown in table below. (Table 3 and Figure 1.1).

Table 3: Clove Purchase – Second Quarters 2019- 2023

Month	2019		2020		2021		2022		2023		Percentage Change
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
April	3.8	52.3	53.7	748.3	0	0	19.7	262.7	2.9	39.6	-85.4
May	3.7	52.2	38.5	537	0	0	7.9	106.0	2.9	40.1	-62.9
June	12.4	173.7	49.8	696	0	0	6.6	89.6	2.5	32.9	-62.5
Total	19.9	278.2	142.0	1,981.3	0	0	34.2	458.3	8.3	112.6	-75.8

Figure 1.1 Percentage of Clove Purchase – Second Quarter 2023

Source: Zanzibar State Trade Company

Slaughtered Animals

The number of cattle inspected and slaughtered for the second quarter 2023 was 7,891 heads which is an increase of 7.8 percent compared to the number inspected and slaughtered in its corresponding quarter of 2022. Number of goats inspected and slaughtered was 7,373 which is more than 100 percent higher compared to 1,647 second quarter 2022. On the contrary, trend showing decrease of 9.7 percent for chickens whereas the number inspected and slaughtered has decreased from 413,591 reported in second quarter 2022 to 373,368 chicken in the same quarter 2023. The number of ducks inspected and slaughtered has increased by 24.0 percent compared to first quarter 2022 i.e., from 733 ducks to 701. (**Table 4**).

Table 4: Number of Inspected and Slaughtered Animals, Second Quarter 2019 to 2023

Livestock Type	2019	2020	2021	2022	2023	Percentage change
Cattle	6,600	6,994	7,385	7,320	7,891	7.8
Goat	674	1,933	2,254	1,647	7,373	347.7
Chicken	42,686	233,331	160,390	413,591	373,368	-9.7
Duck	133	762	939	541	671	24.0

Source: Ministry of Agriculture, Irrigation, Natural Resource and Livestock

Fruits and Vegetable Production

Area planted with various fruits and vegetables for the second quarter 2023 has increased by 14.0 percent compared to the second of quarter 2022 (from 3,338.0 acres in second quarter 2022 to 3,804.5 acre). This effect has also been observed in some fruits and vegetables presented in the table below.

Table 5 reveal data on area planted by type of vegetables show that, the total area planted with sweet pepper increased from 176.3 acres to 554.3 acres equivalent to an increase of 70 percent, area planted with tomatoes increased by 61.9 percent i.e., from 865.7 acres to 1,401.8 acres. On the contrary, planted area of bitter aubergine decrease 67.2 percent from second quarter of 2022 with 245.5 acre to 148 acre of second quarter 2023, again planted area of decrease 40.8 percent (from 483.3 acres in second quarter 2022 to 286.3 acres) among others.

Table 5: Area Planted (Acre) with Fruits and Vegetable, Estimated Production and Percentage Change Second Quarter 2019 – 2023

Type of Vegetable	2019		2020		2021		2022		2023		Percentage change
	Planted Area	Production (tons)	Planted Area	Production (tons)	Planted Area	Production (tons)	Planted Area	Production (tons)	Planted Area	Production (tons)	
Tomatoes	510.3	1,530.80	539.1	1,617.40	523.3	1,569.80	865.7	2,597.10	1,401.8	4,205.3	61.9
Bitter aubergine	242.7	446.5	217.1	399.4	305.4	561.9	245.5	451.6	80.5	148.1	-67.2
Egg Plant	404.6	890.1	413.7	910	452.2	994.8	458.6	1,009.00	495.5	1,090.1	8.0
Okra	363.3	668.4	395.8	728.2	473.3	870.8	483.3	889.2	286.3	526.7	-40.8
Amaranths	406.8	748.4	421	774.6	446.9	822.3	433	796.7	373.3	686.8	-13.8
Cucumber	283.8	567.7	163.5	327	290.4	580.8	344.6	689.3	445.8	891.5	29.4
Watermelon	471.5	5,658.20	201.1	2,413.40	276.3	3,315.00	331	3,972.00	420.3	5,043.0	27.0
Sweet pepper	96.5	177.6	42.3	664.2	193.6	356.2	176.3	324.3	301.3	554.3	70.9
Total	2,779.5		2,393.6		2,961.4		3,338.0		3,804.5		14.0

Source: Ministry of Agriculture, Irrigation, Natural Resources and Livestock

Forest Resource, Mining and Quarry

The forest wood resources, Mining and Quarry play an important role in the daily livelihood of the people of Zanzibar. The Zanzibar wood resources are main sources of building materials and fuel for cooking. Data presented in this release are collected from licensed timber cutting from Government Forest plantations and public wood land. Whilst, data on Mining and Quarry such as sand, stones, gravels are collected with reference from issued permits from respective institution.

Forest Resources

Data reported in second quarter of 2023, show that most of the forest product has been decreasing extremely high compared to the data of second quarter 2022, in which withes, beams, building and medium poles production in the country has decreased by 68.3, 63.8, 59.7 and 58.0 percent (142.9, 132.3, 274.9 and 300.2 m³) respectively compared with the same products recorded in the corresponding quarter of 2022 (451.1, 365.8, 681.8 and 714.0 m³) respectively. Only production of the charcoal has increased by 3.2 with the quantity 5,970.4 m³ of percent as compared to the second quarter 2022. **(Table 6).**

Table 6: Quantity and Value of Forest Products, First Quarter 2019 and 2023**(Value TZS ‘000’)**

Description	2019		2020		2021		2022		2023		Percentage change
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
Beam (m ³)	446.3	50,146.1	367.6	43,368.5	309.5	34,775.3	365.8	41,097.8	132.3	14,866.2	-63.8
Building Poles (m ³)	850.4	12,047.3	911.9	22,797.5	767.0	25,566.7	681.8	22,725.0	274.9	9,161.3	-59.7
Medium Poles (m ³)	566.9	36.8	739.3	55.4	745.6	59.6	714.0	57.1	300.2	24.0	-58.0
Firewood (m ³)	7,764.2	388.2	8,042.5	412.6	6,321.4	442.5	5,783.7	404.9	5,970.4	418.0	3.2
Withes (m ³)	528.7	162,689.2	510.4	157,046.2	496.5	248,250.0	451.1	225,545.0	142.9	71,443.4	-68.3
Charcoal (Tons)	377.9	249.4	474.7	341.8	450.1	315.1	432.7	302.9	372.3	260.6	-14.0

Source: Ministry of Agriculture, Irrigation, Natural Resources and Livestock

For comments and suggestions, please contact:

Chief Government Statistician,
Office of Chief Government Statistician,
P.O. Box 2321, Zanzibar.

Tel: +255 24 2231869

Fax: +255 24 2231742

Email: zanstat@ocgs.go.tz Website: www.ocgs.go.tz