

THE AGRICULTURAL STATISTICS RELEASE, SECOND QUARTER 2024

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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 2024 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 2024 in Zanzibar and its comparison to its corresponding quarter of 2023. 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 2024 was 17,756.0 tons with the total value of TZS 145,167.0 million. The quantity increased by 25.0 percent as compared with the quantity of fish caught in second quarter 2023.

Table 1 shows that, the highest quantity of fish caught (14.0 percent) was recorded in Mjini district i.e., 2,489 tons valued at TZS 24,050 million followed by Magharibi A&B district which reported 2,380 tons (13.4 percent), valued at TZS 22,558 million. The lowest fish caught for the second quarter 2024 was recorded in Chake Chake district (6.9 percent) with a total quantity of 1,242 tons, valued at TZS 9,344 million. Table 1

Table 1: Estimated Fish Catches Quantity (tons) and Value (TZS) by District, Second Quarter 2020 and 2024
(Value TZS ‘Millions)

Year	Items	Kaskazin i "A"	Kaskazini "B"	Kati	Kusini	Mjini	Magharibi A&B	Micheweni	Wete	Chakechake	Mkoani	Total
2024	Quantity	2,048	1,439	1,558	1,744	2,489	2,380	1,685	1,370	1,242	1,801	17,756.0
	Value	15,961	11,196	11,955	13,499	24,050	22,558	12,812	10,244	9,344	13,548	145,167.0
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
2022	Quantity	1,181.9	1,228.1	1,584.9	652.9	2,477.1	1,939.7	1,197.1	704.3	733.9	1,897.0	13,596.9
	Value	7,470.9	7,762.8	10,018.7	4,126.9	15,658.3	12,261.3	6,979.6	4,352.6	4,097.5	10,590.6	83,319.2
2021	Quantity	1,627.9	1,048.9	836.1	523.2	1,836.7	1,979.1	660.6	673.8	397.8	1,379.6	10,963.7
	Value	10,259.7	5,226.2	3,916.1	3,210.7	9,816.6	8,176.3	3,363.4	2,306.6	1,534.3	5,986.3	53,796.0
2020	Quantity	1,223.0	828.8	740.7	650.8	1,734.6	644.3	813.5	732.6	1,253.8	1,961.2	10,583.3
	Value	6,556.5	4,426.2	3,955.1	3,487.3	9,240.7	3,434.0	4,337.7	3,900.5	6,689.7	10,463.2	56,490.9
Percentage change 2023/2024		51.4	23.3	36.8	122.6	2.4	23.6	36.4	-4.9	61.2	-10.4	24.6

Source: Ministry of Blue Economy and Fisheries, 2024

Cash Crops

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

Seaweed Production

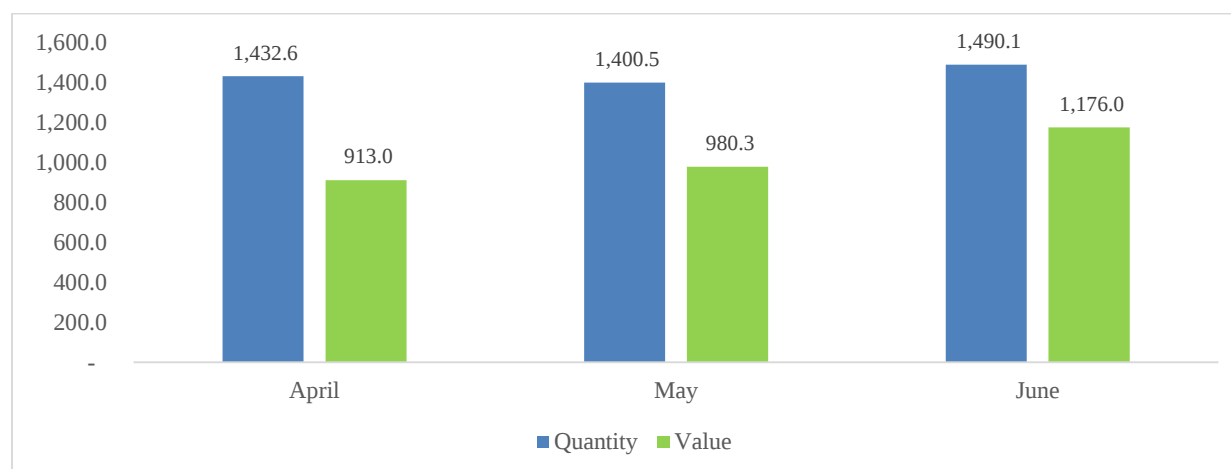
The total seaweed production for the second quarter 2024 was 4,323.1 tons with total value of TZS 3,069.4 million, this is equivalent to an increase of 2.3 percent compared to the quantity produced in the second quarter of 2023 (2,432tons). About 95.5 percent of the seaweed produced was E.spinosium, recorded 4,129.3 tons with the total value of TZS 2,869.9 million while E-cottonni recorded 36.4 tons with the total value of TZS 73.5 million equivalents to 0.8 percent of the total seaweed production. The price for the E. spinosium in this quarter was TZS 695 per kg while that of E.cottonni was TZS 2,019 and Ulva 800 per kg. Table 2

Table 2: Quantity and Value of Seaweed Production, Second Quarter 2020 and 2024
(Value TZS 000’)

Type of Seaweeds	2024		2023		2022		2021		2020	
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
E.Spinosum	4,129.3	2,869.9	2,432	2,432	2,266	1,359.6	2,653	1,591.7	2,382	1,517.0
E. Cottonni	36.4	73.5	1.6	3.301	9	14,400	16.3	26,113	26	61,841
Ulva	157.4	126.0	NA	NA	NA	NA	NA	NA	NA	NA
Total	4,323.1	3,069.4	3,303,632	2,434	2,275	1,5759.6	2,669	27704.70	2,408	63358.00

NA: Data are not available

Figure 1: Quantity and Value of Seaweed Production for April – June 2024



Source: Ministry of Blue Economy and Fisheries

Clove

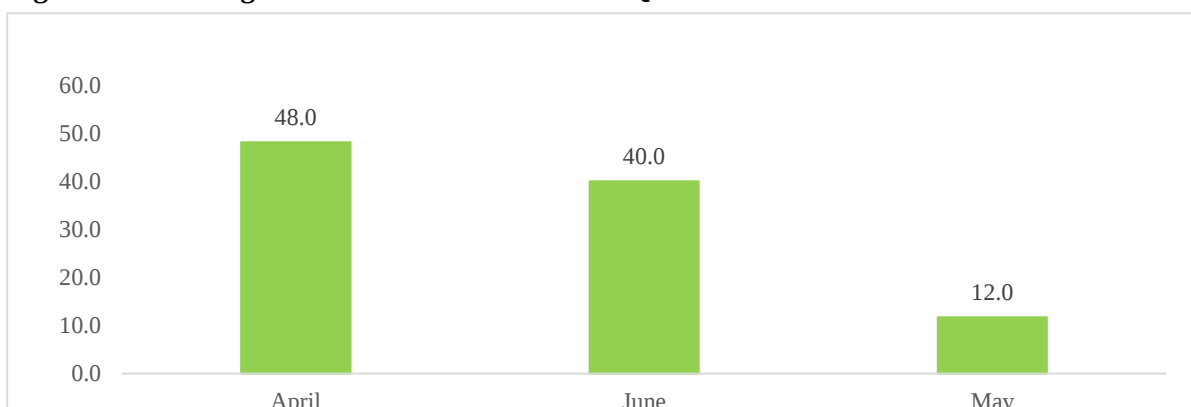
The total clove purchased for the second quarter 2024 was 7.5 tons with total value of TZS 104.8 million. The largest quantity of clove (48.0 percent) worth TZS 50.6 million was purchased in April followed by the quantity purchased in June (3.0 tons; 40.0 percent) worth TZS 41.8 million. While lowest amount of clove purchased was produced in May whereby only 0.9 tons were purchased with the total value of TZS 12.4 million. (Table 3 and Figure 2)

Table 3: Clove Purchase – Second Quarters 2020- 2024

Month	2024		2023		2022		2021		2020		Percentage Change
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
April	3.6	50.6	2.9	39.6	19.7	262.7	0	0	53.7	748.3	24
May	0.9	12.4	2.9	40.1	7.9	106	0	0	38.5	537	-68.9
June	3.0	41.8	2.5	32.9	6.6	89.6	0	0	49.8	696	20
Total	7.5	104.8	8.3	112.6	34.2	458.3	0	0	142	1,981.30	-9.6

Source: Zanzibar State Trade Company

Figure 2: Percentage of Clove Purchase – Second Quarter 2024



Source: Zanzibar State Trade Company

Inspected and Slaughtered Animals

The number of cattle inspected and slaughtered for the second quarter 2024 was 10,249 heads which is an increase of 29.9 percent compared to the number inspected and slaughtered in its corresponding quarter of 2023. Number of goats inspected and slaughtered was 3,578 which is 51.5 percent lower compared to second quarter 2023. The trend is similar to chickens whereas the number inspected and slaughtered has decreased from 373,368 reported in second quarter 2023 to 239,333 chicken in the same quarter 2024, showing decrease of 35.9 percent. On the contrary the number of ducks inspected and slaughtered has increased by 57.8 percent compared to second quarter 2023 i.e., from 671 ducks to 1,059. (Table 4)

Table 4: Number of Inspected and Slaughtered Animals, Second Quarter 2019 to 2024

Livestock Type	2024	2023	2022	2021	2020	Percentage change
Cattle	10,249	7,891	7,320	7,385	6,994	29.9
Goat	3,578	7,373	1,647	2,254	1,933	-51.5
Chicken	239,333	373,368	413,591	160,390	233,331	-35.9
Duck	1,059	671	541	939	762	57.8

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

Fruits and Vegetable Production

Area planted with various fruits and vegetables for the second quarter 2024 has increased with 12.1 percent compared with the previous quarter of 2023. Data on area planted by type of vegetables show that, tomatoes has the largest planted area (970.2acre; 22.8 percent) followed by amaranths (678.7 acre; 15.9 percent) and the least was bitter aubergine (283.1 acre; 6.6 percent) Table 5 below.

Most of production of fruits and vegetables in this quarter was increased as we compare in the

previous quarter of 2023 expect for tomatoes and watermelon. On the contrary, this quarter 2024 watermelon and tomatoes has a highest production among all fruits and vegetables with 3,871 and 2,911 tons respectively. The lowest production was bitter aubergine (575 tons) followed by sweet pepper (521 tons) for this quarter. (Figure 3)

Figure 3: Quarterly Estimated Production of Fruits and Vegetable, 2024

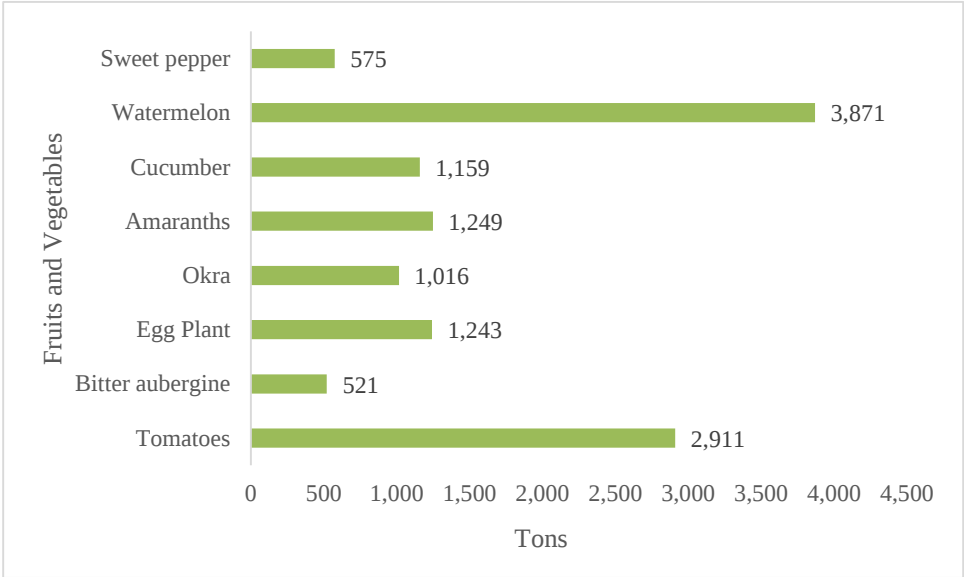


Table 5: Area Planted (Acre) with Fruits and Vegetable, Estimated Production and Percentage Change Second Quarter 2020 – 2024

Type of Vegetable	2024		2023		2022		2021		2020		Percentage change
	Planted Area	Production (tons)	Planted Area	Production (tons)	Planted Area	Production (tons)	Planted Area	Production (tons)	Planted Area	Production (tons)	
Tomatoes	970.15	2910.5	1401.8	4205.3	865.7	2,597.10	523.3	1,569.80	539.1	1,617.40	-30.8
Bitter aubergine	283.1	520.9	80.5	148.1	245.5	451.6	305.4	561.9	217.1	399.4	251.7
Egg Plant	565.00	1,243.0	495.5	1090.1	458.6	1,009.00	452.2	994.8	413.7	910	14.0
Okra	551.93	1,015.6	286.3	526.7	483.3	889.2	473.3	870.8	395.8	728.2	92.8
Amaranths	678.70	1,248.8	373.3	686.8	433	796.7	446.9	822.3	421	774.6	81.8
Cucumber	579.51	1,159.0	445.8	891.5	344.6	689.3	290.4	580.8	163.5	327	30.0
Watermelon	322.58	3,871.0	420.3	5043.0	331	3,972.00	276.3	3,315.00	201.1	2,413.40	-23.2
Sweet pepper	312.25	574.5	301.3	554.3	176.3	324.3	193.6	356.2	42.3	664.2	3.7
Total	4,263.2		3804.5		3,338.0		2,961.4		2,393.6		

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.

Most of production of mining and quarrying this quarter has decreased, statistics show that stone production in the country has decreased by 42.1 percent compared with the production recorded in the corresponding quarter of 2023 (from 72,015 tons to 41,684 tons) and production of sand has decreased by 31.2 percent (from 336,467 tons to 231,022 tons). Rubbles has decreased by 15.8 percent from 94,849 tons on 2023 to 79,899 tons on 2024. Stone bricks productions have decreased 549 tons in this quarter from 2,073 tons in second quarter of previous year. On the contrary, the production of gravels has increased by 7.3 percent from on second quarter of 2024 (35,022 tons) on second quarter of 2023 (227.6 tons).

Table 6: Quantity and Value of Mining Products, Second Quarter 2020 and 2024

Value Million TZS)						
Year	Unit	Stone	Sand	Gravels	Rubbles	Stone Bricks
2024	Quantity (Ton)	41,684	231,336	35,022	79,899	549
	Value	270.9	1,510.3	227.6	519.3	3.6
2023	Quantity (Ton)	72,051	336,467	32,651	94,849	2,073
	Value	468.3	2,204.3	212.2	616.5	13.5
2022	Quantity (Ton)	24,014	221,248.0	15,947	50,540	6,650
	Value	360.2	1,449.8	829.2	1,010.8	16.6
2021	Quantity (Ton)	33,391	170,604	15,588	33,251	6,600
	Value	500.9	1,279.5	810.6	665.0	16.5
2020	Quantity (Ton)	32,461	116,776	18,380	26,254	6,476
	Value	486.9	875.8	955.8	525.1	16.2
Percentage change		-42.1	-31.2	7.3	-15.8	-73.5

Source: Ministry of Water Energy and Mining

Forest Resources

This quarter, data show that production of all forest has decreased, the highest among them were production of charcoal decreased by 97.1 percent followed by building pole which decreased by 44.8 percent and medium pole decreased by 36.1. This statistic portrays a progressive for environmental and climatic change in Zanzibar (**Table 6**).

Table 6: Quantity and Value of Forest Products, Second Quarter 2020 and 2024 (Value TZS ‘000’)

Description	2024		2023		2022		2021		2020		Percentage change
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
Beam (m ³)	590.45	4,949.5	699.2	6,916.4	365.8	41,097.8	309.5	34,775.30	367.6	43,368.5	-15.6
Building Poles (m3)	269.86	18,890.2	489.1	34,234.9	681.8	22,725.0	767	25,566.70	911.9	22,797.5	-44.8
Medium Poles (m ³)	343.37	17,168.5	537.2	26,860.0	714	57.1	745.6	59.6	739.3	55.4	-36.1
Firewood (m ³)	6,383.68	15,959.2	6,615.3	16,538.1	5,783.70	404.9	6,321.4	442.5	8,042.5	412.6	-3.5
Withes (m ³)	183.4	917.0	245.6	1,228.0	451.1	225,545.0	496.5	248,250.0	510.4	157,046.2	-25.3
Charcoal (Tons)	13.5	10.77	458.5	366.8	432.7	302.9	450.1	315.1	474.7	341.8	-97.1

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

Vision

To become a “center of Excellence” for statistical production and for promoting a culture of evidence-based policy and decision- making in Zanzibar.

Mission

To coordinating production of official statistics, provide high quality statistical data and information, and promote their use in planning, decision-making, administration, governance, monitoring and evaluation.

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