

OFFICE OF THE CHIEF GOVERNMENT STATISTICIAN

THE AGRICULTURAL STATISTICS RELEASE, THIRD QUARTER 2023

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Introduction

Office of the Chief Government Statistician (OCGS) is responsible to collect, compile and disseminate statistical information from different Institutions that are operating under the territory of Zanzibar. This quarterly agricultural statistics release is the third publication for the year 2022 presenting the different statistics of agriculture sector including crops, fishing, livestock and forest products. The report intends to give an overview picture of the performance of agricultural sector for the third quarter for the year 2022 and its comparison of the previous quarter of 2021. This publication provides an insight of the country's performance and impact of different interventions carried out by the Government and other stakeholders to improve the agriculture production in the country.

Data published in this release include quantities and values of fish catches, cash crops, clove purchased from the farmers, seaweeds production, forest products as well as number of inspected and slaughtered livestock and poultry.

Fish Catches

The quantity of fish caught in the third quarter 2022 reached 16,434 tons with total value of TZS 116,955 million. The quantity increased by 21.5 percent compared with the quantity caught in the corresponding quarter 2021.

Table 1 shows that, the highest quantity of fish catch (16.5 percent) was recorded in Mkoani district which was 2,711.2 tons valued at TZS 17,211 million followed by Mjini district (15.8 percent) with 2,601.2 tons, valued at TZS 21,110 million with average price of TZS 8,115 per kilogram. The

lowest fish catch for the third quarter 2022 was recorded in Kusini district (4.7 percent) with total quantity of 776.7 tons, valued at TZS 5,699 million with an average price of TZS 7,337 per kilogram.

Table 1: Estimated Fish Catches (Quantity and Value) by District, Third Quarter 2021 and 2023
(Value TZS ‘Millions’)

| District | 2021 | | 2022 | | 2023 | | Percentage Quantity |
|-----------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|---------------------|
| | Quantity (tones) | Value in Million TZS | Quantity (tones) | Value in Million TZS | Quantity (tones) | Value in Million TZS | |
| Kaskazini A | 127.5 | 796.2 | 1,237.40 | 8,812 | 2,020.9 | 138,142.8 | 63.3 |
| Kaskazini B | 197.8 | 1,041.40 | 1,279.30 | 9,209 | 1,578.2 | 111,599.9 | 23.4 |
| Kati | 538.2 | 2,561.70 | 1,325.00 | 9,810 | 1,643.2 | 129,585.1 | 24.0 |
| Kusini | 166.2 | 1,018.50 | 776.7 | 5,699 | 1,135.4 | 85,706.5 | 46.2 |
| Mjini | 1,883.70 | 9,666.90 | 2,601.20 | 21,110 | 2,824.2 | 233,968.4 | 8.6 |
| Magharibi (A&B) | 2,267.00 | 12,299.10 | 2,158.30 | 16,175 | 2,356.0 | 186,386.7 | 9.2 |
| Micheweni | 240.4 | 1,252.40 | 1,818.20 | 11,870 | 2,116.0 | 144,621.0 | 16.4 |
| Wete | 437.9 | 1,674.00 | 1,316.00 | 9,326 | 1,836.1 | 130,111.3 | 39.5 |
| Chakechake | 302.2 | 915 | 1,210.50 | 7,735 | 1,709.1 | 122,853.7 | 41.2 |
| Mkoani | 1,691.10 | 7,461.70 | 2,711.20 | 17,211.00 | 2,848.0 | 190,431.4 | 5.0 |
| Total | 7,852.0 | 38,686.9 | 16,433.6 | 116,955.0 | 20,067.2 | 1,473,406.8 | 22.1 |

Source: Ministry of Blue Economy and Fisheries

Cash Crops

Cash crops are agricultural crops, grown for sale to return a profit; they are sorely cultivated for the market either local or international. In Zanzibar the most common cash crops for foreign earning are seaweed and clove.

Seaweed Production

For the third quarter 2022, the data revealed that, the quantity of seaweed produced decreased from 2,459.8 tons recorded in the third quarter 2021 to 2,209.0 tons in third quarter 2022, present decrease of 10.2 percent. From the total production of seaweed, a total of 2,197.0 tons (99.5 percent) was *Eucheuma spinosum* seaweeds and 12.0 tons (0.5 percent) was *Eucheuma cottonii* (Table 2). The average price per kilogram of *spinosiam* was TZS 600.0 and that of *Cottonii* was TZS 1,556.0

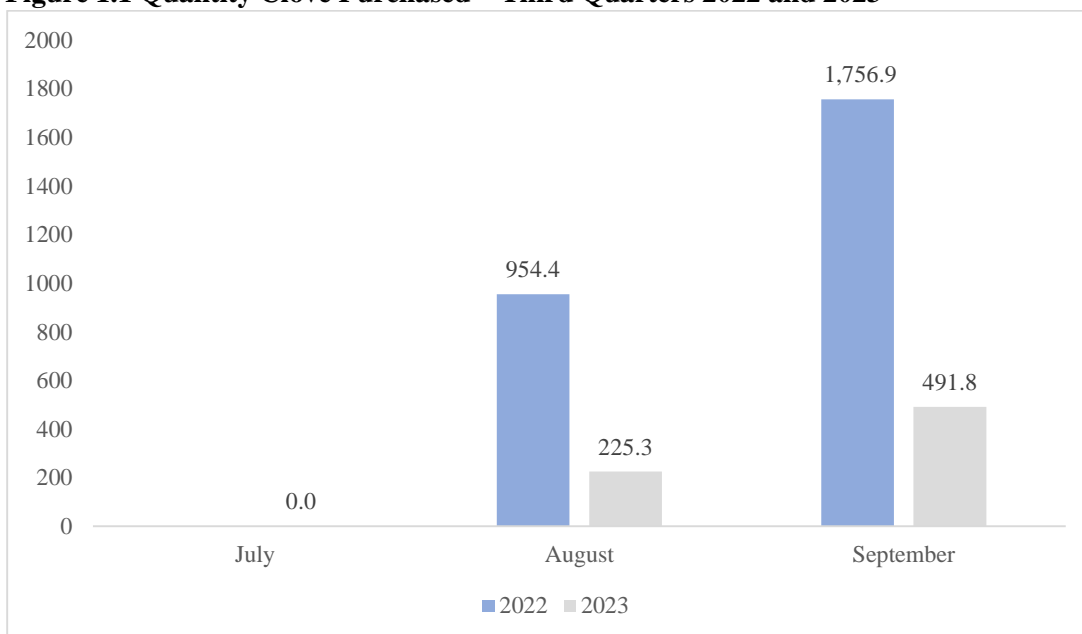
Table 2: Quantity and Value of Seaweed Production, Third Quarter 2021 to 2023

| Type of Seaweeds | (Value TZS Thousands) | | | | | |
|--------------------------|-----------------------|--------------------|----------------|--------------------|----------------|--------------------|
| | 2021 | | 2022 | | 2023 | |
| | Quantity (Ton) | Value | Quantity (Ton) | Value | Quantity (Ton) | Value |
| <i>Eucheuma spinosum</i> | 2,447.6 | 1,468,545.9 | 2,197.0 | 1,318,443.6 | 3773.008 | 3,773,008.0 |
| <i>Eucheuma cottonii</i> | 12.3 | 19,614.4 | 12.0 | 18,675.2 | 3.9 | 6,690.6 |
| <i>Ulva</i> | 0 | 0 | 0 | 0 | 195.4 | 156,320.0 |
| Total | 2,459.8 | 1,488,160.3 | 2,209.0 | 1,337,118.8 | 3,972.3 | 3,936,018.6 |

Source: Ministry of Blue Economy and Fisheries

Clove

The total clove purchase for the third quarter 2022 was 2,711 tons with total value of TZS 35,679.5 million. The largest quantity of the clove purchased (64.8 percent) worth TZS 23,246.0 million was purchased in September and the lowest purchase in August whereby 954 tons (35.2 percent) were purchased worth of TZS 12,433.5 million. Whilst no purchase was recorded in July 2022. In general, the quantity of clove purchased decreased by 55 percent compared with the quantity purchased in the corresponding quarter 2021 (Figure 1.1).

Figure 1.1 Quantity Clove Purchased – Third Quarters 2022 and 2023

Slaughtered Animals

The number of cattle inspected and slaughtered for the third quarter 2022 increased from 8,515 heads in the third quarter 2021 to 9,480 heads, equivalent to an increase of 11.3 percent. The number of inspected and slaughtered chicken for the third quarter 2022 also increased from 199,138 birds recorded in third quarter 2021 to 258,034 birds in the same quarter in 2022 equivalent to increase of 29.6 percent. Contrary, the number of Inspected and slaughtered goats decreased from 2,219 heads recorded in third quarter 2021 to 981 heads in third quarter 2022 present a decrease of 55.8 percent (Table 5).

Table 5: Number of Inspected and Slaughtered Livestock and Poultry, Third Quarter 2021 to 2023

| Livestock Type | 2021 | 2022 | 2023 | Percentage Change |
|----------------|---------|---------|---------|-------------------|
| Cattle | 8,515 | 9,480 | 8,405 | (11.3) |
| Goat | 2,219 | 981 | 3,985 | 306.2 |
| Chicken | 199,138 | 258,034 | 241,594 | (6.4) |
| Duck | 849 | 395 | 737 | 86.6 |

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

Fruits and Vegetable Production

Table 6 shows that the area planted with fruits and vegetables for the third quarter 2022 decreased by 7.2 percent (from 5,724 acres in 2021 to 5,315 acres in 2022). This has also influenced the decrease in total fruits and vegetable production by 19 percent. The production decreased from 23,568 tons recorded in the third quarter of 2021 to 18,977 tons recorded in the third quarter 2022.

The total area planted with Tomatoes increased from 1,163 acre recorded in the third quarter 2021 to 1,325 acre in the third quarter of 2022 showing an increase of 13.9 percent. Area planted with Bitter aubergine also increased from 292 acres in the third quarter 2021 to 419 acre in the third quarter of 2022 showing an increase of 43.5 percent. Similar trend also observed for the area planted with Amaranths of which increased from 693 acres recorded in the third quarter 2021 to 721 acres in the third quarter 2022, presenting an increase of 4.1 percent. Contrary, the area planted with Cucumber decreased from 542 acres recorded in the third quarter 2021 to 4,96 acres in third quarter of 2022, presenting a decrease of 8.5 percent. The trend further shows that, the area planted with Egg Plant has increased from 525 acres recorded in the third quarter of 2021 to 555 acres in the third quarter of 2022, presenting an increase of 5.6 percent. While area planted with Watermelon

decreased from 707 acre recorded in the third quarter of 2021 to 475 acre in the third quarter of 2022 equivalent to decrease of 32.9 percent. Similar trend has been observed for the area planted with pineapple of which decreased by 81.6 percent in the third quarter 2022 compared to the corresponding quarter of 2021. The area decreased from 879 acre recorded in the third quarter 2021 to 161.3 acre 2022 (Table 6).

Table 6: Area Planted with Fruits and Vegetable, Production and Percentage Change - Third Quarters of 2021 – 2023

| Crops | 2021 | | 2022 | | 2023 | |
|------------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| | Area | Production | Area | Production | Area | Production |
| Pineapples | 879.0 | 5,273 | 161.0 | 968.0 | 928.8 | 5,572.5 |
| Pawpaw | 57.0 | 678 | 186.0 | 2,230.0 | 103.5 | 1,242.0 |
| Tomatoes | 1163.0 | 3,490 | 1,325.0 | 3,974.0 | 1,142.9 | 3,428.6 |
| Bitter aubergine | 292.0 | 536 | 419.0 | 771.0 | 438.3 | 806.4 |
| Egg Plant | 525.0 | 1,155 | 555.0 | 1,220.0 | 513.8 | 1,130.3 |
| Okra | 521.0 | 959 | 615.0 | 1,132.0 | 640.9 | 1,179.2 |
| Amaranths | 693.0 | 1,275 | 721.0 | 1,327.0 | 602.5 | 1,108.6 |
| Cucumber | 542.0 | 1,085 | 496.0 | 992.0 | 513.6 | 1,027.3 |
| Watermelon | 707.0 | 8,482 | 475.0 | 5,697.0 | 587.3 | 7,047.0 |
| Sweet pepper | 345.0 | 635 | 362.0 | 666.0 | 329.7 | 606.6 |
| Total | 5,724.0 | 23,568.0 | 5,315.0 | 18,977.0 | 5,801.1 | 23,148.5 |

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

Forest Products

The forest wood resources play an important role in the daily livelihood of the people of Zanzibar. The Zanzibar wood resources are main sources of fuel for cooking, building materials as well as maintain environmental stability. The data on forest products presented in this release includes licensed timber cutting from Government forest plantations and public land with reference from issued permits from the Government Institutions.

Data on forest products show that, beams production increased by 6.3 percent (from 378.9 m³ recorded in third quarter 2021 to 402.7 m³ in third quarter 2022). The production of building poles also increased by 2.3percent i.e. (from 753.8 m³ recorded in the third quarter 2021 to 771.5 m³ in 2022). Similarly, the production of Medium poles increased by 5.6 percent (from 757.5 m³ in third quarter 2021 to 800.0 m³ in its corresponding quarter 2022). The fire wood production decreased by

3.7 percent (from 6,814.0 m³ recorded in the third quarter 2021 to 6,565.0 m³ in the corresponding quarter 2022). Withes production also decreased by 10.9 percent (From 541.2 m³ in third quarter 2021 to 482.5 m³ in its corresponding quarter 2022). Contrary, Charcoal production increased by 3.8 percent (from 459.6 tons in third quarter 2021 to 477.0 tons in the same quarter 2022) (Table 7).

Table 7: Quantity and Value of Forest Products, Third Quarter 2021 and 2023

| Description | 2021 | | 2022 | | (Value TZS '000') | | Quantity |
|---------------------|----------|-----------|----------|-----------|-------------------|----------|------------|
| | Value | Qty | Value | Qty | 2023 Value | 2023 Qty | % Change |
| Beam (m3) | 378.9 | 44,706.4 | 402.7 | 45,242.0 | 44,729.7 | 398 | (1.13) |
| Building Poles (m3) | 753.8 | 18,845.0 | 771.5 | 25,715.7 | 8,519.3 | 256 | (66.87) |
| Medium Poles (m3) | 757.5 | 56,812.5 | 800 | 64,000.0 | 40,008.0 | 500 | (37.49) |
| Firewood (m3) | 6,814.00 | 349,555.6 | 6,565.00 | 459,542.0 | 38,918.6 | 556 | (91.53) |
| Withes (m3) | 541.2 | 166,523.1 | 482.5 | 241,235.0 | 3,351,246.6 | 6,703 | 1,289.20 |
| Charcoal (Tons) | 459.6 | 330,946.6 | 477 | 333,929.4 | 388,852.7 | 555,455 | 116,347.59 |

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

For comments and suggestions, please contact:

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