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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 first publication for the year 2022 containing statistics on agriculture production that take place in the specified time period. This report aims to give an overview picture of the performance of agricultural sector for the first quarter for the year 2022 and its comparison to the previous quarter of 2021. 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, sea weeds, forest products, number of inspected and slaughtered livestock and fish catch.

Fish Catches

The quantity of fish caught in the first quarter 2022 was 16,707.8 tons with the total value of TZS 85,990.5 million. The quantity increased by 44.3 percent as compared with the quantity of fish caught in the corresponding quarter 2021.

Table 1 shows that, the highest quantity of fish caught (15.7 percent) was recorded in

Mjini district with 2,630.8 tons valued at TZS13,539.7 million followed by Mkoani with (12.9 percent) with 2,160.6 tons, valued at TZS 11,119.8 million. The lowest fish caught for the first quarter 2022 was recorded in Wete district (4.9 percent) with total quantity of 812.7 tons, valued at TZS 4,182.8 million.

Table 1: Estimated Fish Catches (Quantity and Value) by District, First Quarter 2019 and 2022

(Value TZS 'Millions)

| District | First quarter 2019 | | First quarter 2020 | | First quarter 2021 | | First quarter 2022 | |
|---------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|-----------------|
| | Quantity (tones) | Value (TZS) | Quantity (tones) | Value (TZS) | Quantity (tones) | Value (TZS) | Quantity (tones) | Value (TZS) |
| Kaskazini "A" | 1,219.70 | 6,525.30 | 1,163.60 | 6,311.20 | 2,304.3 | 13,889.5 | 1,563.5 | 8,046.7 |
| Kaskazini "B" | 215.1 | 1,140.40 | 802.4 | 4,340.80 | 2,091.8 | 10,307.5 | 1,376.2 | 7,083.1 |
| Kati | 695.9 | 3,695.60 | 738.5 | 3,994.80 | 774.0 | 4,147.1 | 1,551.8 | 7,986.5 |
| Kusini | 675.5 | 3,592.80 | 697.6 | 3,776.60 | 544.4 | 3,214.2 | 1,891.1 | 9,733.2 |
| Mjini | 1,959.80 | 10,408.10 | 1,746.50 | 9,375.90 | 1,334.1 | 7,061.5 | 2,630.8 | 13,539.7 |
| Magharibi A&B | 679.8 | 3,610.80 | 670.6 | 3,621.00 | 1,120.6 | 5,028.6 | 2,125.2 | 10,937.8 |
| Micheweni | 808.7 | 4,296.00 | 862.9 | 4,646.60 | 646.8 | 3,127.3 | 1,657.0 | 8,528.1 |
| Wete | 692.1 | 3,670.90 | 767.1 | 4,115.20 | 800.5 | 2,989.8 | 812.7 | 4,182.8 |
| Chakechake | 671 | 3,570.10 | 775.8 | 4,190.10 | 394.0 | 1,330.7 | 939.0 | 4,832.9 |
| Mkoani | 1,206.20 | 6,409.40 | 1,001.20 | 5,395.30 | 1,576.1 | 7,010.10 | 2,160.6 | 11,119.8 |
| Total | 8,823.90 | 46,919.40 | 9,226.10 | 49,767.40 | 11,586.6 | 58,106.43 | 16,707.8 | 85,990.5 |

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 be it local or international. In Zanzibar the main cash crops are seaweed and clove.

Seaweed Production

The total seaweed production for the first quarter 2022 is 3,608 tons with total value of TZS 3,142.8 million, the quantity produced has been increased from 3,368 ton recorded in the first quarter 2021 to 3,608 ton in 2022, equivalent to the increase of 7.1 percent. The largest quantity of the Seaweeds (41.2 percent) worth TZS 1,572.8 million was produced in February followed by the production in March whereby 1,195 tons (33.1 percent) were produced worth of TZS 830.0 million. The lowest amount of Seaweed was produced in January where only 925 tons were produced valued at TZS 740.0 million.

Out of the total quantity of seaweeds produced in the first quarter 2022, 72.9 percent was *Eucheuma spinosum* seaweeds and 27.1 percent was *Eucheuma cottonni* (Table 2). The average price per kilogram for *Eucheuma cottonni* was TZS 1,600 and that of *Espiniosiam* was TZS 600.0 only.

Table 2: Quantity and Value of Seaweed Production, First Quarter 2019 and 2022
(Value TZS 000')

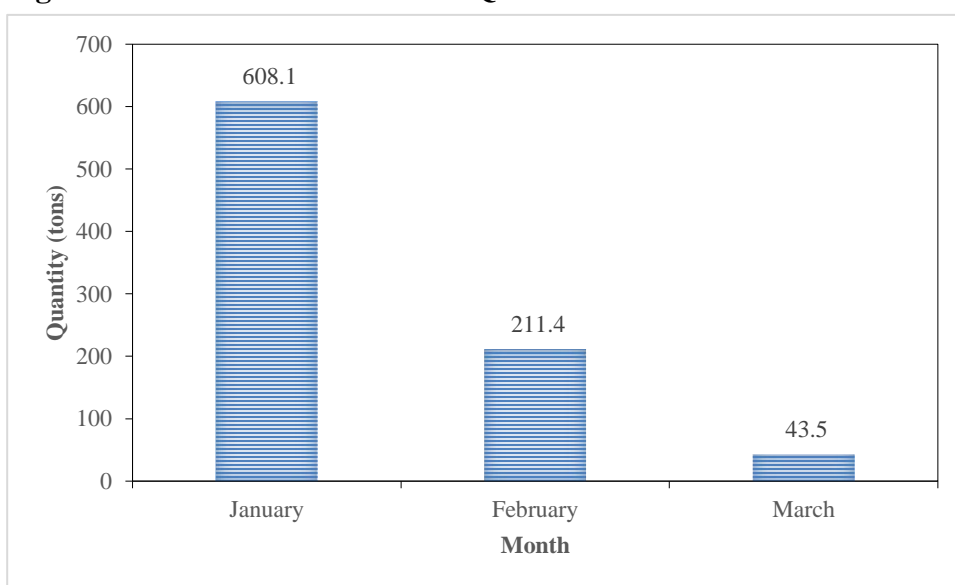
| Type of Seaweeds | 2019 | | 2020 | | 2021 | | 2022 | |
|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|
| | Ton | Value | Ton | Value | Ton | Value | Ton | Value |
| E.Spinosum | 2,546 | 1,018,551 | 3,495 | 2,439,080 | 3,061 | 1,836,407 | 2,630 | 1,578,000 |
| E. Cottonni | 78 | 78,000 | 26 | 60,814 | 8.6 | 13,723 | 978 | 1,564,800 |
| Total | 2,624 | 1,096,551 | 3,521 | 2,499,894 | 3,069 | 1,850,130 | 3,608 | 3,142,800 |

Source: Ministry of Blue Economy and Fisheries

Clove

The total clove purchase for the first quarter 2022 is 863.1 tons with total value of TZS 11,629.9 million. The largest quantity of the clove purchased (70.5 percent) worth TZS 8,205.0 million was produced in January followed by the production in February whereby 211.5 tons (24.5 percent) were produced worth of TZS 2,845.6 million. The lowest amount of clove purchased was produced in March where only 43.5 tons were produced valued at TZS 579.3 million. Whilst no purchase was made between January and June in 2021 (Figure 1.1).

Figure 1.1 Clove Purchase – First Quarter 2022



Source: Zanzibar State Trade Company

Slaughtered Animals

The number of cattle inspected and slaughtered for the first quarter 2022 decreased by one percent compared with that of 2021. Cattle decreased from 5,0096 heads reported in the first quarter of 2021 to 5,043 heads recorded in 2022. Similar trend has been observed for inspected and slaughtered chicken the number of chicken for the first quarter 2022 decreased from 239,512 birds to 214,339 birds equivalent to decrease of 10.5 percent compared with the corresponding quarter of 2021. Contrary, the number of inspected and slaughtered goats increased by 7.2 percent. The number increased from 1,364 heads in the first quarter 2021 to 1,483 heads of the corresponding quarter 2022. (Table 5).

Table 5: Number of Inspected and Slaughtered Animals, First Quarter 2017 to 2022

| Livestock Type | Q1, 2017 | Q1, 2018 | Q1, 2019 | Q1, 2020 | Q1, 2021 | Q1, 2022 |
|----------------|----------|----------|----------|----------|----------|----------|
| Cattle | 3,779 | 3,439 | 4,892 | 4,692 | 5,096 | 5,043 |
| Goat | 404 | 406 | 609 | 270 | 1,384 | 1,483 |
| Chicken | 173,089 | 96,408 | 19,640 | 75,112 | 239,512 | 214,339 |
| Duck | 101 | 209 | 155 | 202 | 732 | 733 |

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 first quarter 2022 has decreased by 24.9 percent (from 2,263.2 acres in first quarter 2021 to 1,700.2 acre in first quarter 2022). This has also influenced the decrease of the total fruits and vegetable production by 25.9 percent. The total production of fruits and vegetable in the first quarter 2022 decreased from 7,428.4 tons to 5,507.6 tons in the first quarter 2022.

The total area planted with tomatoes increased from 456.0 acre recorded in the first quarter 2021 to 498.9 acre in the first quarter 2022 showing an increase of 9.4 percent. Similar trend was shown by the area planted with Bitter aubergine of which increased from 140.6 acres recorded in the first quarter 2021 to 149.8 acres in first quarter 2022, presenting an increase of 6.5 percent. Contrary, Area planted with other fruits and vegetables were decreased, area planted with Amaranth decreased from 391.1 acre recorded in the first quarter 2021 to 286.3 acre in the first quarter 2022. Sweet piper decreased by 33.2 percent in the first quarter 2022 compared to its corresponding quarter of 2021. The area decreased from 139.9 acre recorded in the first quarter 2021 to 93.5 acre in 2022.

Table 6: Area Planted (Acre) with Fruits and Vegetable, Estimated Production and Percentage Change - First Quarter**2018 – 2022**

| Type of Vegetable | 2018 | | 2019 | | 2020 | | 2021 | | 2022 | |
|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
| | Planted Area | Production (tons) | Planted Area | Production (tons) | Planted Area | Production (tons) | Planted Area | Production (tons) | Planted Area | Production (tons) |
| Tomatoes | 299.3 | 538.7 | 286.9 | 860.6 | 503.5 | 1,510.5 | 456.0 | 1,367.9 | 498.9 | 1,496.8 |
| Bitter aubergine | 96.0 | 176.6 | 57.4 | 105.6 | 122.6 | 225.5 | 140.6 | 258.7 | 149.8 | 275.5 |
| Egg Plant | 221.8 | 408.0 | 163.1 | 358.9 | 275.5 | 606.0 | 326.0 | 717.2 | 163.3 | 359.2 |
| Okra | 277.3 | 510.2 | 222.0 | 408.5 | 344.3 | 633.5 | 338.0 | 621.9 | 184.8 | 339.9 |
| Amaranths | 222.0 | 408.4 | 347.5 | 639.4 | 421.0 | 774.6 | 391.1 | 719.7 | 286.3 | 526.7 |
| Cucumber | 217.5 | 435.0 | 216.3 | 432.5 | 258.3 | 516.5 | 217.4 | 434.8 | 154.8 | 309.5 |
| Watermelon | 219.8 | 2,638.0 | 312.5 | 3,750.0 | 432.6 | 5,191.5 | 254.3 | 3,051.0 | 169.0 | 2,028.0 |
| Sweet pepper | 92.9 | 171.0 | 77.1 | 141.9 | 117.6 | 216.3 | 139.9 | 257.4 | 93.5 | 172.0 |
| Total | 1,646.6 | 5,286.1 | 1,682.8 | 6,697.4 | 2,475.2 | 9,674.4 | 2,263.2 | 7,428.4 | 1,700.2 | 5,507.6 |

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. The 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

In the first quarter of 2022, data on forest resources show that beams production in the country has increased by 29.7 percent (460.2 m³) compared with the production recorded in the corresponding quarter of 2021 (354.9 m³). The production of poles also increased by 3.0 percent i.e., from 707.1 m³ recorded in the first quarter 2021 to 728.5 m³ in the first quarter of 2022. Fire wood production has also increased by 3.5 percent in the first quarter of 2022 compared its corresponding quarter of 2021. That is from 6,724.3 m³ recorded in the first quarter 2021 to 6,962.9 m³. Contrary, the production of building pole production decreased 10.6 percent; the production decreased from 821.5 m³ recorded in the first quarter 2021 to 734.6 m³ in the first quarter 2022 (Table 7).

**Table 7: Quantity and Value of Forest Products, First Quarter 2019 and 2022
(Value TZS '000')**

| Description | 2019 | | 2020 | | 2021 | | 2022 | |
|----------------------------------|----------|---------|----------|---------|----------|-----------|-----------|-----------|
| | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| Beam (m ³) | 431.4 | 48,472 | 418.7 | 49,397 | 354.9 | 39,874.2 | 460.2 | 51,707.9 |
| Building Poles (m ³) | 674.8 | 9,560 | 805.3 | 20,133 | 821.5 | 27,383.3 | 734.6 | 24,485.7 |
| Medium Poles (m ³) | 799 | 51,935 | 733.2 | 54,990 | 707.1 | 56,568.0 | 728.5 | 58,280.0 |
| Firewood (m ³) | 7,630.45 | 381,523 | 7,564 | 388,008 | 6,724.30 | 470,701.0 | 6,962.90 | 487,403.0 |
| Withes (m ³) | 579.1 | 178,185 | 529.9 | 163,046 | 526.2 | 263,100.0 | 439.77547 | 239,600.0 |
| Charcoal (Tons) | 458.353 | 302,513 | 470.502 | 338,761 | 464.44 | 325,108.0 | 447.55517 | 346,007.2 |

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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