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THE AGRICULTURAL STATISTICS RELEASE, FIRST QUARTER 2021

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 2021 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 2021 and its comparison to the previous quarter of 2020. 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 2021 was 6,428 tons with the total value of TZS 31,833.7 million. The quantity decreased by 30.3 percent as compared with the quantity of fish caught in the corresponding quarter 2020.

Table 1 shows that, the highest quantity of fish caught (32.1 percent) was recorded in Mjini district with 2,066.4 tons valued at TZS 10,890.9 million followed by Wete district with (19.1 percent) with 1,226.8 tons, valued at TZS 5,457.1 million. The lowest fish caught for the first quarter 2021 was recorded in Kusini district (1.9 percent) with total quantity of 120.4 tons, valued at TZS 703.1 million.

Table 1: Estimated Fish Catches (Quantity and Value) by District, First Quarter 2018 and 2021(Value TZS ‘Millions’)

| District | First quarter 2018 | | First quarter 2019 | | First quarter 2020 | | First quarter 2021 | | |
|----------------|--------------------|----------------------|--------------------|----------------------|--------------------|----------------------|--------------------|----------------------|-------------------|
| | Quantity(tones) | Value in Million TZS | Quantity(tones) | Value in Million TZS | Quantity (tones) | Value in Million TZS | Quantity (tones) | Value in Million TZS | Quantity % Change |
| Kaskazini "A " | 1,216.70 | 6,219.80 | 1,219.70 | 6,525.30 | 1,163.57 | 6,311.21 | 189 | 1,147 | -83.8 |
| Kaskazini "B" | 227.7 | 1,157.20 | 215.1 | 1,140.40 | 802.36 | 4,340.87 | 301 | 1,467 | -62.5 |
| Kati | 652.5 | 3,369.40 | 695.9 | 3,695.60 | 738.51 | 3,994.75 | 393 | 2,114 | -46.8 |
| Kusini | 624.9 | 3,213.40 | 675.5 | 3,592.80 | 697.61 | 3,776.64 | 120 | 703 | -82.7 |
| Mjini | 2,186.00 | 11,194.50 | 1,959.80 | 10,408.10 | 1,746.45 | 9,375.86 | 2,066 | 10,891 | 18.3 |
| Magharibi | 646.2 | 3,306.50 | 679.8 | 3,610.80 | 670.6 | 3,621.02 | 276 | 1,959 | -58.9 |
| Micheweni | 711 | 3586 | 808.7 | 4,296.00 | 862.9 | 4646.61 | 367 | 1,762 | -57.4 |
| Wete | 735.2 | 3,752.10 | 692.1 | 3,670.90 | 767.11 | 4115.15 | 1,227 | 5,457 | 59.9 |
| Chakechake | 667.3 | 3,436.90 | 671 | 3,570.10 | 775.82 | 4,190.06 | 262 | 877 | -66.2 |
| Mkoani | 1,216.80 | 6,212.60 | 1,206.20 | 6,409.40 | 1,001.15 | 5,395.25 | 1,227 | 5,457 | 22.5 |
| Total | 8,884.30 | 45,448.30 | 8,823.90 | 46,919.40 | 9,226.06 | 49,767.44 | 6,428 | 31,834 | -30.3 |

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, clove and clove stems. However, for the first quarter 2021 seaweeds are the only cash crop produced during this period.

Seaweed Production

The total seaweed production for the first quarter 2021 is 3,069 tons the quantity produced has been decreased from 3,521 ton recorded in the first quarter 2020 to 3,069.3 ton in 2021, equivalent to the decrease of 13 percent. The largest quantity of the Seaweeds (35.1 percent) worth TZS 655.6 million was produced in January followed by the production in February whereby 1,035.6 tons (33.7 percent) were produced worth of TZS 621.4 million. The lowest amount of Seaweed was produced in March where only 955.3 tons were produced valued at TZS 573.2 million.

Out of the total quantity of seaweeds produced in the first quarter 2021, 99.7 percent was *Eucheuma spinosum* seaweeds and 0.3 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 2021
(Value TZS 000')

| Type of Seaweeds | 2019 | | 2020 | | 2021 | | Quantity % Change |
|------------------|--------------|------------------|--------------|------------------|--------------|------------------|-------------------|
| | Ton | Value | Ton | Value | Ton | Value | |
| E.Spinosum | 2,546 | 1,018,551 | 3,495 | 2,439,080 | 3,061 | 1,836,407 | -12 |
| E. Cottonni | 78 | 78,000 | 26 | 60,814 | 8.6 | 13,723 | -67 |
| Total | 2,624 | 1,096,551 | 3,521 | 2,499,894 | 3,069 | 1,850,130 | -13 |

Source: Ministry of Blue Economy and Fisheries

Slaughtered Animals

The number of cattle inspected and slaughtered for the first quarter 2021 decreased by 60.8 percent compared with that of 2020. Cattle decreased from 12,907 head reported in the first quarter of 2020 to 5,056 head recorded in 2021. Similar trend had been observed for inspected and slaughtered goats of which the number decreased by 94 percent. The number decreased from 5,324 head in the first quarter 2020 to 341 head of the corresponding quarter 2021. Conversely, the number of inspected and slaughtered chicken for the first quarter 2021 also increased from 215,059 chicken to 237,860 chicken equivalent to an increase of 11 percent compared with the corresponding quarter of 2021 (Table 5).

Table 5: Number of Inspected and Slaughtered Animals, First Quarter 2017 to 2021

| Livestock Type | Q1, 2017 | Q1, 2018 | Q1, 2019 | Q1, 2020 | Q1, 2021 | % Change Q1 2020 & 2021 |
|----------------|----------|----------|----------|----------|----------|-------------------------|
| Cattle | 3,646 | 3,439 | 4,892 | 12,907 | 5,056 | -60.8 |
| Goat | 404 | 406 | 609 | 5324 | 341 | -93.6 |
| Chicken | 173,089 | 92,865 | n | 215,059 | 237,860 | 10.6 |
| Duck | 101 | 209 | n | n | 732 | |

Note: n = data not available

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 2021 has decreased by 8.6 percent (from 2,475.2 acres in first quarter 2020 to 2,263.2 Acre in first quarter 2021). This has also influence the decrease of the total fruits and vegetable production by 23.2 percent. The total production of fruits and vegetable in the first quarter 2021 decreased from 9,674.4 tons in 2020 to 7,428 tons.

The total area planted with tomatoes decreased from 503.5acre recorded in the first quarter 2020 to 456 acre in the first quarter 2021 showing decrease of 9.4 percent. Similar trend was shown by the area planted with Okra of which decreased from 344.3 acres recorded in the first quarter 2020 to 338.0 acres in first quarter 2021,

presenting decrease of 1.8 percent. Area planted with Amaranth also decreased from 421 acre recorded in the first quarter 2020 to 391.1 acre in the first quarter 2021. Contrary, the area planted with Sweet piper increased by 19 percent in the first quarter 2021 compared to its corresponding quarter of 2020. The area increased from 117.6 acre recorded in the first quarter 2020 to 139.9 acre in 2021.

Table 6: Area Planted (Acre) with Fruits and Vegetable, Estimated Production and Percentage Change - First Quarter 2018 - 2021

| Type of Vegetable | 2018 | | 2019 | | 2020 | | 2021 | | Produ % CH |
|-------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|---------------|
| | Planted Area | Estimated Production | Planted Area | Estimated Production | Planted Area | Estimated Production | Planted Area | Estimated Production | |
| Tomatoes | 299.3 | 538.7 | 286.9 | 860.6 | 503.5 | 1,510.5 | 456.0 | 1,367.9 | -9 |
| Bitter aubergine | 96 | 176.6 | 57.4 | 105.6 | 122.6 | 225.5 | 140.6 | 258.7 | 14 |
| Egg Plant | 221.8 | 408.0 | 163.1 | 358.9 | 275.5 | 606.0 | 326.0 | 717.2 | 18 |
| Okra | 277.3 | 510.2 | 222 | 408.5 | 344.3 | 633.5 | 338.0 | 621.9 | -1 |
| Amaranths | 222 | 408.4 | 347.5 | 639.4 | 421.0 | 774.6 | 391.1 | 719.7 | -7 |
| Cucumber | 217.5 | 435 | 216.3 | 432.5 | 258.3 | 516.5 | 217.4 | 434.8 | -1 |
| Watermelon | 219.8 | 2,638.0 | 312.5 | 3,750 | 432.6 | 5191.5 | 254.3 | 3,051.0 | -4 |
| Sweet pepper | 92.9 | 171.0 | 77.13 | 141.9 | 117.6 | 216.3 | 139.9 | 257.4 | 19 |
| 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 | -2 |

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 2021, data on forest resources show that beams production in the country has decreased by 15.2 percent (354.9 m³) compared with the production recorded in the corresponding quarter of 2020 (418.7 m³). The production of building

poles also increased by 2.0 percent i.e. from 805.3 m³ recorded in the first quarter 2020 to 821.5 m³. Contrary, the production of Medium pole production decreased 3.6 percent; the production decreased from 733.0 m³ recorded in the first quarter 2020 to 707.1 m³ in the first quarter 2021. The fire wood production has also decreased by 11.1 percent in the first quarter of 2021 compared its corresponding quarter of 2020. That is from 7,464 m³ recorded in the first quarter 2020 to 6,724.3 m³ (Table 7).

Table 7: Quantity and Value of Forest Products, First Quarter 2018 and 2021
(Value TZS ‘000’)

| Description | 2019 | | 2020 | | 2021 | | Quantity % Change 2017&2020 |
|-------------------------------------|----------|---------|----------|---------|----------|-----------|-----------------------------------|
| | Quantity | Value | Quantity | Value | Quantity | Value | |
| Beam (m ³) | 431 | 48,472 | 419 | 47,045 | 354.9 | 41,867.9 | 15.2 |
| Building Poles (in m ³) | 674.8 | 9,560 | 733 | 10,387 | 821.5 | 20,537.5 | 2 |
| Medium Poles (in m ³) | 799 | 51,935 | 805 | 52,345 | 707.1 | 53,032.5 | -3.6 |
| Firewood (in m ³) | 7,630.50 | 381,523 | 7,564 | 378,175 | 6,724.3 | 344,956.5 | -11.1 |
| Withes (in m ³) | 579.1 | 178,185 | 530 | 163,046 | 526.2 | 161,907.6 | -0.7 |
| Charcoal (in Tons) | 458.4 | 302,513 | 470.5 | 282,301 | 464.4 | 334,396.8 | -1.3 |

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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