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THE AGRICULTURAL STATISTICS RELEASE, SECOND QUARTER 2018

Introduction

This quarterly agricultural statistics release is the second publication for the year 2018 presenting the different statistics of agriculture including crops, fishing, livestock and forest. The report intends to give a picture of agricultural sector for the second quarter for the year 2018 and its comparison to its corresponding quarter of 2017. 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 sector in the country.

Data published in this release include quantities and values of fish catches, cash crops, mining and quarry, sea weeds, forest products and number of inspected and slaughtered livestock.

Fish Catches

The quantity of fish caught in the second quarter 2018 has slightly decreased from 9,083.4 tons recorded in the second quarter of 2017 to 8,860.3 tons, this marks a decrease of 2.5 percent. However the value of the fish caught increased whereby the average price per ton of fish increase to 5,190,424 TZS from 4,553,441 TZS recorded in its corresponding quarter of 2017.

Table 1 shows that, the largest quantity of fish catch (23.7 percent) was recorded in Mjini district with 2,097.7 tons valued at TZS 11,104,364,890.0 followed by Mkoani district (13.6 percent) with 1,202.9 tons, valued at TZS 6,385,137,182.0 with average price of TZS 5,308.0 per kilogram. Kaskazini A districts recorded 1,202.8 tons (13.6 percent) with, value at TZS 6,440,119,472.0 with average price of 5,354.0 per kilogram. The smallest quantity of fish catch for the second quarter 2018 was recorded in Kaskazini B district (2.3 percent) with total quantity of 202.1 tons, valued at TZS 1,062,792,832.0 with average price of TZS 5,259.0 per kilogram.

Table 1: Estimated Fish Catches (Quantity and Value) by District, Second Quarter 2017 and 2018(Value TZS ‘Millions’)

District	Second quarter 2017		Second quarter 2018		Quantity Percentage Change
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS	
Kaskazini A	1,231.5	5,471.3	1,203	6,440.1	-2.3
Kaskazini B	203.7	899.8	202	1,062.8	-0.8
Kati	591.1	3,897.2	625	2,418.4	5.7
Kusini	751.2	3,325.5	740	3,909.2	-1.4
Mjini	2,193.9	9,628.8	2,098	11,104.4	-4.4
Magharibi	684.8	3,014.3	695	3,661.4	1.5
Micheweni	792.6	3,499.6	741	3,843.3	-6.5
Wete	730.6	3,249.9	689	3,639.4	-5.7
Chakechake	690.0	3,044.3	665	3,524.6	-3.6
Mkoani	1,214.1	5,330.0	1,203	6,385.1	-0.9
Total	9,083.4	41,360.7	8,860	45,988.7	-2.5

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

Cash Crops

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

Seaweed Production

For the second quarter of 2018 the data revealed that, the quantity of seaweeds produced has decreased from 3,758.2 tons recorded in the second quarter 2017 to 3,234.6 ton. ., equivalent to the decrease of 14 percent. Out of the total quantity of seaweeds produced in the second quarter 2018, 99.2 percent was *Eucheuma spinosum* seaweeds and only 0.8percent was *Eucheuma cottonni* (Table 2). The average price per kilogram for *Eucheuma cottonni* was TZS 1,269.0 and that of Espinosiam was TZS 463.0 only.

Table 2: Quantity and Value of Seaweed Production, Second Quarter 2017 and 2018.
(Value TZS ‘000’)

Type of Seaweeds	Second Quarter, 2017		Second quarter, 2018		Quantity % Change
	Quantity(Ton)	Value	Quantity (Ton)	Value	
<i>Eucheuma spinosum</i>	3,758.0	1,503,096.0	3,208.6	1,486,621.6	-14.6
<i>Eucheuma. cottonni</i>	0	0	26	32,995.0	
Total	3,758	1,503,096.0	3,234.6	1,519,615.6	-14

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

Quantity and Value of Clove Purchased

The quantity of clove purchased in the second quarter of 2018 was 63.8 tons worth TZS 891,100,000 (Table 3), the quantity increased for more than 100 percent as compared with the quantity purchased in its corresponding quarter (2017) which was 19.5 tons valued at TZS 272,546,000.0. The largest quantity of the cloves (40.0 percent) worth TZS 356,692,000.0 was purchased in April followed by the quantity purchased in May whereby 19.2 tons of cloves were purchased worth TZS 268,558,000.0. The lowest amount of cloves was purchased in June whereby only 19.0 tons of cloves were purchased valued at TZS 265,850,000.0.

Table 3: Quantity and Value of Clove Purchased Second Quarters of 2017 and 2018**(Value in TZS Million)**

Month	Second quarter, 2017		Second quarter, 2018	
	Quantity (tons)	Value	Quantity (tons)	Value
April	8.5	118.0	25.5	356.7
May	6.3	88.2	19.2	268.6
June	4.8	66.3	19.0	265.9
Total	19.5	272.5	63.8	891.1

Source: Zanzibar State Trading Corporation (ZSTC)**Quantity and Value of Purchased Clove Stems**

The quantity of clove stems purchased in the second quarter 2018 was 9.15 tons worth TZS9,148,000.0 the quantity increased for more than 100 percent as compared with the quantity purchased in the corresponding quarter of 2017 which was 1.4 tons valued at TZS 1,416,502.8). For the second quarter 2018, the largest quantity of the cloves stem (39.4 percent) worth TZS 3,606,000.0 was purchased in April followed by the quantity purchased in May whereby 2.9 tons (32.0 percent) of cloves stems were purchased worth TZS 2,924,000.0. The lowest amount of cloves stems was purchased in June whereby only 2.6 tons of cloves stems were purchased valued at TZS 2,618,000.0 (Table 4).

Table 4: Quantity and Value of Clove Stems Purchased Second Quarter 2017 and 2018**(Value in TZS thousands)**

Month	Second quarter ,2017		Second quarter ,2018	
	Quantity (tons)	Value	Quantity (tons)	Value
April	0.6	586.0	3.6	3,606,000.0
May	0.6	581.0	2.9	2,924,000.0
June	0.2	249.5	2.6	2,618,000.0
Total	1.4	1,416.5	9.1	9,148,000.0

Source: Zanzibar State Trading Corporation (ZSTC)**Slaughtered Animals**

The number of cattle inspected and slaughtered for the second quarter 2018 increased by 95 percent compared with that corresponding quarter of 2017. Cattle increased

from 3,882 heads reported in the second quarter of 2017 to 7,569 heads recorded in the corresponding quarter of 2018. Similar trend was observed for inspected and slaughtered goats, the number increased from 384 goats recorded in the second quarter 2017 to 490 goats in the second quarter 2018, equivalent to increase of 27.6 percent. The number of inspected and slaughtered chicken for the second quarter 2018 dropped by 33.3 percent compared with that of corresponding quarter of 2017. The number dropped from 291,700 chicken recorded in the second quarter 2017 to 194,636 chicken in the second quarter 2018 (Table 5).

Table 5: Number of Inspected and Slaughtered Animals, Second Quarter 2017 to 2018

Livestock Type	Q1, 2017	Q1, 2018	% Change
Cattle	3,882	7,569	95.0
Goat	384	490	27.6
Chicken	291,700	194,636	-33.3
Duck	291	40	-86

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

Fruits and Vegetable Production

Table 6 shows that the area planted with fruits and vegetables for the second quarter 2018 increased by 97.2 percent (from 1,271.7 acres in 2017 to 2,508 acres in 2018). This has also influenced the increase of the total fruits and vegetable production by more than 100 percent. The production increased from 3,400.4 tons recorded in the second quarter of 2017 to 7,154.7 tons recorded in the second quarter 2018.

The total area planted with tomatoes increased from 400.9 acre in the second quarter 2017 to 656.5 acre in the second quarter of 2018 showing an increase of 63.7 percent. Whilst, the area planted with Bitter aubergine has also increased from 94.9 acres recorded in the second quarter 2017 to 200.0 acres in the second quarter 2018, presenting increase of more than 100 percent. The area planted with Amaranths increased from 158.2 acres recorded in the second quarter 2017 to 287.8 acres recorded in second quarter of 2018, present an increase of 81.8 percent. The trend further shows that, the area planted with Egg Plant, Ocra and Sweet piper increased from 187.9 acres, 185.2 acres and 45.9 acre recorded in the second quarter of 2017 to 396.8 acres, 369.0 acre and 121.5 acres recorded in the second quarter of 2018

respectively. Similar trend has been shown for the area planted with Watermelon which increased from 104.5 acres recorded in the second quarter 2017 to 249.0 acres in the second quarter 2018.

Table 6: Area Planted (Acre) with Fruits and Vegetable, Estimated Production Second Quarters of 2017 and 2018

Type of Vegetable	Second quarter ,2017		Second quarter ,2018		Production %Change
	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	400.0	721.7	656.5	1,181.7	63.7
Bitter aubergine	94.9	174.5	200.0	368.0	110.9
Egg Plant	187.9	345.8	396.8	730.0	111.1
Ocra	185.2	340.7	369.0	679.0	99.3
Amaranths	158.3	291.2	287.8	529.5	81.8
Cucumber	94.3	188.5	227.5	455.0	141.3
Watermelon	104.5	1,253.5	249.0	2,988.0	138.4
Sweet pepper	45.9	84.4	121.5	223.6	164.9
Total	1,271.0	3,400.3	2,508.1	7,154.8	110.4

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

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. Cooking by firewood is still very common in Zanzibar (61.6 percent depend on firewood for cooking - Household Budget Survey Report 2014/15). The data presented in this release are collected from licensed timber cutting from government forest plantations and public land. Whilst, data on Mining and Quarry such as sand, stones, gravels are collected with reference from issued permits from Ministry of Agriculture, Natural Resources, Livestock and Fisheries.

Forest Resources

In the second quarter of 2018, data on forest resources show that beams production in the country has increased by 8.0 percent (620.1m³) compared with the production recorded during its corresponding quarter of 2017 (574.0 m³). The production of building poles has also increased by 5.4 percent i.e. from 801.0 m³ recorded in the second quarter 2017 to 844.3 m³. Similar trend was observed for Medium pole production which increased by 12.8 percent as compared to its production in the

second quarter of 2017. Production of medium poles in the second quarter 2017 was 719.8 m³ and increased to 811.9 m³ in the second quarter of 2018. The fire wood production has also increased by 3.9 percent in the second quarter of 2018 compared to its corresponding quarter of 2017. The production was from 5,251.7 m³ recorded in the second quarter 2017 to 5,458.6 m³. Withes production increased by 4.2 percent (375.7 m³) in the second quarter 2018 compared to its corresponding quarter of 2017 (360.4 m³). However, the Charcoal production in the second quarter of 2018 decreased by 3 percent compared to its corresponding quarter of 2017. The production was from 508.3 tons recorded in the second quarter 2017 and dropped to 5,458.6 tons. (Table 7).

Table 7: Quantity and Value of Forest Products, Second Quarter 2017 and 2018
(Value TZS '000')

Description	Second quarter, 2017		Second quarter, 2018		Quantity % Change
	Qty	Value	Qty	Value	
Beam (m ³)	574.0	64,494	620.1	69,674.2	8.0
Building Poles (in m ³)	801.0	10,680	844.3	11,257.3	5.4
Medium Poles (in m ³)	719.8	32,391	811.9	36,535.5	12.8
Firewood (in m ³)	5,251.7	231,075	5,458.6	240,176.2	3.9
Withes (in m ³)	360.4	48,053	376	50,093.3	4.2
Charcoal (in Tons)	508.3	335,475	492.3	324,942.4	-3.1

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

Mining and Quarry

Mining and Quarry statistics discussed in this section includes harvested stones, sands, gravels, lime stone, rubbles and stone bricks. In the second quarter of 2018, data on Mining and Quarry show that some of the harvesting of these resources has increased significantly when compared to its corresponding quarter of 2017.

The quantity harvested of stones in the second quarter 2018 was 26,007.0 tons worth TZS 338,091,000.0, the quantity increased by 24.1 percent as compared with the quantity harvested in corresponding quarter of 2017 which was 20,955.0 tons valued at TZS 272,415,000.0.

The quantity harvested of sands in the second quarter 2018 was 173,757.0 tons worth of TZS 1,129,420,500.0, the quantity decreased by 0.8 percent as compared with the quantity harvested in previous quarter (2017) which was 175,229.0 tons valued at TZS 1,138,988,500.0. The largest quantity of the Sands (48.4 percent) worth TZS 546,377,000.0 was harvested in June followed by that harvested in April whereby 50,247.0 tons of sands were harvested worth TZS 326,605,500.0

Table 8 further show that, the quantity harvested of gravels in the second quarter of 2018 also increased from 12,422.0 tons worth TZS 496,880,000.0 recorded in the second quarter 2017 to 12,932.0 tons worth TZS 517,280,000.0 recorded in the second quantity 2018, represent an increase of 4.1 percent. The largest quantity of the gravels (40.5 percent) worth TZS 209,400,000.0 was harvested in June followed by the quantity harvested in April whereby 3,967.0 tons (30.7 percent) of gravels were harvested worths TZS 158,680,000.0. The lowest quantity of gravels was harvested in May whereby only 28.8 percent of the total harvest was produced valued at TZS 149,200,000.0.

Similar trend was observed for rubble harvest, the quantity harvested has increased by 20.3 percent compared to its corresponding quarter of 2017. Rubble harvested in the second quarter of 2017 was 9,047 tons valued at TZS 108,564,000.0 compared to its corresponding quarter of 2018 whereby the harvest was 10,880.0 tons valued at TZS 130,560,000.0.

The largest quantity of the rubble (40.5 percent) worth TZS 52,824,000.0 was harvested in June followed by the quantity harvested in April whereby 4,239.0 tons (39.0 percent) of rubbles were harvested worth TZS 50,868,000.0. The smallest quantity of rubbles was harvested in May whereby only 2,239.0 tons (20.6 percent) of the total quarterly harvest were produced valued at TZS 26,868,000.0.

**Table 8: Quantity and Value of Mining and Quarry, Second Quarter 2017 and 2018
(Value TZS '000')**

Description	Second quarter ,2017		Second quarter .2018		Quantity % Change
	Qty (tons)	Value	Qty (tons)	Value	
Stones	20,955.0	272,415.0	26,007.0	338,091.0	24.1
Sands	175,229.0	1,138,988.5	173,757.0	1,129,420.5	-0.8
Gravels	12,422.0	496,880.0	12,932.0	517,280.0	4.1
Rubbles	9,047.0	108,564.0	10,880.0	130,560.0	20.3
Lime stone	22.9	45,731.0	16,193.0	32,386.0	-29.2
Stone bricks	2,119.0	1,059.5	3,187.0	1,593.5	50.4

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

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