



Zanzibar Official Statistics Provider

P.O. Box 2321, Zanzibar
Telephone +255 24 223 1869
Fax: +255 24 223 174 2

Email: zanstat@ocgs.go.tz

Website: <http://www.ocgs.go.tz>

THE AGRICULTURAL STATISTICS RELEASE, THIRD QUARTER 2018

Introduction

This quarterly agricultural statistics release is the third 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 third quarter for the year 2018 and its comparison to the previous 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 agricultural sector in the country.

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

Fish Catches

The quantity of fish caught in the third quarter 2018 has slightly increased from 9,524.7 tons with total value of TZS 46,743,232,893 recorded in the third quarter 2017 to 9,575.1 tons with the total value of TZS 51,121,362,810 recorded in the corresponding quarter of 2018, equivalent to the increase of 0.5 percent.

Table 1 shows that, the highest quantity of fish caught (23.6 percent) was recorded in Mjini district with 2,256.0 tons valued at TZS 12,071,107,762 with average price of TZS 5,351.0 per kilogram followed by Kaskazini A district (14.2 percent) with 1,359.6 tons, valued at TZS 7,353,302,189 with average price of TZS 5,409 per kilogram. Mkoani districts accounted (12.2 percent) with 1,168.7 tons, value at TZS 6,276,766,447 with average price of 5,371.0 per kilogram. The lowest fish caught for the third quarter 2018 was recorded in Kaskazini B district (2.5 percent) with total

quantity of 243.5 tons, valued at TZS 1,265,548,250.0 with average price of TZS 5,197 per kilogram.

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

District	Q3, 2017		Q3, 2018		Quantity %Change
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS	
Kaskazini A	1,355.4	6,600	1,359.6	7,353.3	0.3
Kaskazini B	183.7	876	243.5	1,265.5	32.6
Kati	812.8	4,008	810.7	4,299.2	-0.3
Kusini	650.8	3,240	681.2	3,627.4	4.7
Mjini	2,261.8	11,305	2,256.0	12,071.1	-0.3
Magharibi	683.0	3,326	702.3	3,722.3	2.8
Micheweni	863.9	4,223	860.6	4,547.4	-0.4
Wete	775.2	3,796	759.8	4,040.3	-2.0
Chakechake	712.7	3,440	732.9	3,918.0	2.8
Mkoani	1,225.4	5,929	1,168.7	6,276.8	-4.6
Total	9,524.7	46,743	9,575.1	51,121.4	0.5

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

Cash Crops

Cash 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 main cash crops are seaweed, clove and clove stems.

Seaweed Production

For the third quarter 2018 data revealed that, the quantity of seaweed produced has been increased from 1,957 tons recorded in the third quarter 2017 to 2,543 ton of the corresponding quarter of 2018, equivalent to the increase of 30 percent. Out of the total quantity of seaweeds produced in the third quarter 2018, 99.0 percent was *Eucheuma spinosum* seaweeds and only one percent was *Eucheuma cottonni* (Table 2). The

average price per kilogram for *Eucheuma cottonni* was TZS 1,000.0 and that of *Espinosiam* was TZS 415.7 only.

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

Type of Seaweeds	Q3, 2017		Q3, 2018		
	Quantity(Ton)	Value	Quantity (Ton)	Value	Quantity % Change
<i>Eucheuma spinosum</i>	1,956.6	782,724.0	2,517.3	1,046,307.6	28.7
<i>Eucheuma. cottonni</i>	0	0	26	26,000.0	
Total	1,956.6	782,724.0	2543.3	107,2307.6	30.0

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

Quantity and Value of Clove Purchased

The quantity of clove purchased in the third quarter 2018 was 104.6 tons worth TZS 1,462,091,000 (Table 3), the quantity decreased by 95.4 percent as compared with the quantity purchased in previous quarter (2017) which was 2,265.6 tons valued at TZS 31,714,655,000.0. The decrease in purchase of clove for the third quarter 2018 compared with its corresponding quarter 2017 was associated with low production of this crop in 2018. “*The silvicultural characteristics of clove tree in Zanzibar is that once there is a bumper harvest in one year the following year will experience with low harvest*” (ZSTC, Agronomist) .

In the third quarter 2018 the largest quantity of the cloves (53.9 percent) worth TZS 787,491,000.0 was purchased in August followed by the quantity purchased in July whereby 30.4 tons of cloves were purchased worth TZS 425,266,000.0. The lowest amount of cloves was purchased in September whereby only 17.9 tons of cloves were purchased valued at TZS 249,334,000.0.

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

Month	Q3, 2017		Q3, 2018		Quantity % Change
	Quantity (tons)	Value	Quantity (tons)	Value	
July	75.14	1,051.5	31.42	425.3	-58.2
August	614.03	8,594.3	56.35	787.5	-90.8
September	1,576.44	22,068.8	17.86	249.3	-98.9
Total	2,265.62	31,714.6	104.63	1,462.09	-95.4

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

The quantity of clove stems purchased in the third quarter 2018 was 0.8 tons worth TZS 9,796,000.0 the quantity decreased by 99.7 as compared with the quantity purchased in the corresponding quarter of 2017 which was 276.8 tons valued at TZS 276,773,500.0). The decrease in quantity of clove stem purchased in the third quarter 2018 was mainly associated with the decreased of the clove production in this season as compared with the previous season. The largest quantity of the cloves stem in the third quarter 2018 (82.7 percent) worth TZS 658,000.0 was purchased in September followed by the quantity that was purchased in July whereby 0.08 tons (9.8 percent) of cloves stems were purchased worth TZS 78,000.0. The lowest amount of cloves stems was purchased in August whereby only 0.06 tons of cloves stems were purchased valued at TZS 60,000.0 (Table 4).

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

Month	Q3, 2017		Q3, 2018		Quantity % Change
	Quantity (tons)	Value	Quantity (tons)	Value	
July	1.1	1,090.0	0.08	78.0	-93
August	51.0	51,015.5	0.06	60.0	-99.9
September	224.7	224,668.0	0.66	658.0	-99.7
Total	276.8	276,773.5	0.8	796.0	-99.7

Source: Zanzibar State Trading Corporation (ZSTC)

Slaughtered Animals

The number of cattle inspected and slaughtered for the third quarter 2018 increased for more than 100 percent compared with that of corresponding quarter of 2017. Cattle increased from 3,220 heads reported in the third quarter of 2017 to 7,710 heads recorded in the corresponding quarter of 2018. The highest number of slaughtered cattle (3,650 heads) was observed in August, followed by the month of September (2,074 heads). While the smallest number of slaughtered cattle was observed in July whereby only 1,986 heads were slaughtered.

The number of inspected and slaughtered goats decreased from 1,435 goats recorded in the third quarter 2017 to 1,025 goats in the third quarter 2018, equivalent to decrease of 28.6 percent. Similar trend was observed for inspected and slaughtered chicken. The number dropped from 175,462 birds recorded in the third quarter 2017 to 76,733 birds in the third quarter 2018 (Table 5).

Table 5: Number of Inspected and Slaughtered Animals, Third Quarters 2017 and 2018

Livestock Type	Q3, 2017	Q3, 2018	% Change
Cattle	3,220	7,710	139.4
Goat	1,435	1,025	-28.6
Chicken	175,462	76,733	-56.3
Duck	203	36	-82.3

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 third quarter 2018 increased by 9.5 percent (from 3,031.8 acres in 2017 to 3,319.7 acres in 2018). Despite the increased of the total planted area with fruit and vegetables the total production has been decreased from 13,778.7 tons recorded in the third quarter 2017 to 10,885.6 ton of the corresponding quarter of 2018, equivalent to the decrease of 21 percent.

The total area planted with tomatoes increased from 960.5 acre recorded in the third quarter 2017 to 1,155.5 acre in the third quarter of 2018 showing an increase of 20.3 percent. Whilst, the area planted with Egg Plant also increased from 245.6 acres recorded in the third quarter 2017 to 309.4 acres in the third quarter 2018, presenting increase of more than 25.9 percent. The area planted with Amaranths increased from 113.8 acres recorded in the third quarter 2017 to 387.9 acres recorded in third quarter of 2018, presenting an increase of more than 100 percent. Similar trend has been shown for the area planted with cucumber which increased from 151.8 acre recorded in the third quarter 2017 to 286.4 acre in the third quarter 2018, equivalent to an increase of 88.8 percent.

The area planted with Watermelon decreased by 41.8 percent in the third quarter 2018 compared to its corresponding quarter of 2017. That is from 808.5 acres recorded in the third quarter 2017 to 470.3 acre. Similar trend was observed for the area planted with Bitter aubergine and Sweet pepper which decreased by 17.5 and 45.0 percents respectively as compared to the area planted in the third quarter of 2017. The planted area with Bitter aubergine in the third quarter 2017 was 181.3 acre and decreased to 149.5 acre in the third quarter of 2018. Whilst, they are planted with the Sweet pepper decreased from 311.2 acre recorded in the third quarter 2017 to 171.2 acre in the corresponding quarter of 2018.

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

Type of Vegetable	Q3, 2017		Q3, 2018		Production %Change
	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	960.5	1,728.9	1,155.5	2,080.0	20.3
Bitter aubergine	181.3	333.5	149.5	275.1	-17.5
Egg Plant	245.8	452.2	309.4	569.3	25.9
Ocra	259.1	476.8	389.6	716.8	50.3
Amaranths	113.8	209.3	387.9	713.7	241.0
Cucumber	151.8	303.5	286.4	572.9	88.8
Watermelon	808.5	9,702.0	470.3	5,643.0	-41.8
Sweet pepper	311.2	572.5	171.2	314.9	-45.0
Total	3,031.8	13,778.7	3,319.7	10,885.6	-21.0

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

data on forest resources in the third quarter of 2018, show that beams production in the country decreased by 7.0 percent (566.7m^3) compared with the production recorded in the corresponding quarter of 2017 (613.2m^3). However, the production of building poles increased by 2.9 percent i.e. from 743.4m^3 recorded in the third quarter 2017 to 764.9m^3 . Similar trend was observed for Medium pole production which increased by 4.1 percent as compared to its production in the third quarter of 2017. Production of medium poles in the third quarter 2017 was 745.9m^3 and increased to 776.8m^3 in the

third quarter of 2018. The fire wood production has also increased by 17.1 percent in the third quarter of 2018 compared to its corresponding quarter of 2017. The production was from 6,176.0 m³ to 7,234.5 m³. Withes production increased by 41 percent (600.9 m³) in the third quarter 2018 compared to its corresponding quarter of 2017 (426.5 m³). However, the Charcoal production in the third quarter of 2018 decreased by 3.6 percent compared to its corresponding quarter of 2017. The production was from 520.3 tons and dropped to 501.4 tons (Table.7).

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

Description	Q3, 2017		Q3,2018		Quantity % Change
	Qty	Value	Qty	Value	
Beam (m ³)	613.2	68,903.4	566.7	63674.2	-7.6
Building Poles (in m ³)	743.4	10,531.5	764.9	10,836.5	2.9
Medium Poles (in m ³)	745.9	48,483.5	776.8	50,490.7	4.1
Firewood (in m ³)	6,176	308,800.0	7,234.5	361,725.0	17.1
Withes (in m ³)	426.5	131,230.8	600.9	184,892.3	40.9
Charcoal (in Tons)	520.3	343,394.0	501.4	330,955.7	-3.6

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

Mining and Quarry

Mining and Quarry statistics presented in this section includes harvested stones, sands, gravels, lime stone, rubbles and stone bricks. In the third 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 third quarter 2018 was 37,847.0 tons worth TZS 454,164,000 at farm gate price, the quantity increased by 59.1 percent as compared with the quantity harvested in corresponding quarter of 2017 which was 23,794.0 tons valued at TZS 285,528,000.

However, the quantity harvested of sands in the third quarter 2018 was 225,804.0 tons worth of TZS 1,693,530,000.0 the quantity decreased by 14 percent as compared with the quantity harvested in previous quarter (2017) which was 263,156.0 tons valued at

TZS 1,973,670,000.0. The largest quantity of the Sand (36.2 percent) worth TZS 613,522,500.0 was harvested in September followed by that harvested in July whereby 74,822.0 tons of sand were harvested worth of TZS 561,165,000.0 at farm gate price.

Table 8 further show that, the quantity harvested of gravels in the third quarter of 2018 also increased from 15,984 tons worth TZS 639,360,000.0 recorded in the third quarter 2017 to 19,418 tons worth TZS 776,720,000.0 recorded in the third quarter 2018, present an increase of 21.5 percent. The largest quantity of the gravels (35.4 percent) worth TZS 274,600,000.0 was harvested in August followed by that harvested in July whereby 6,519.0 tons (33.6 percent) of gravels were harvested worth TZS 260,760,000.0. The lowest quantity of gravels was harvested in September which is 31.1 percent of the total harvest valued at TZS 241,360,000.0.

Similar trend was observed for rubble harvest, the quantity harvested increased by 40.3 percent compared to its corresponding quarter of 2017. The quantity of rubber harvested in the third quarter of 2017 was 12,483 tons valued at TZS 249,660,000.0 compared to its corresponding quarter of 2018 whereby the harvest was 17,518.0 tons valued at TZS 350,360,000.0.

The largest quantity of the rubble (42.0 percent) worth TZS 147,080,000.0 was harvested in July followed by that harvested in August whereby 5,925.0 tons (33.8 percent) of rubbles were harvested worth TZS 118,500,000.0. The lowest quantity of rubbles was harvested in September whereby only 4,239.0 tons (24.2 percent) were harvested valued at TZS 84,780,000.0.

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

Description	Q3, 2017		Q3, 2018		Quantity % Change
	Qty(tons)	Value	Qty (tons)	Value	
Stones	23,794.0	285,528.0	37,847.0	454,164.0	59.1
Sands	263,156.0	1,973,670.0	225,804.0	1,693,530.0	-14.2
Gr-avels	15,984.0	639,360.0	19,418.0	776,720.0	21.5
Rubbles	12,483.0	249,660.0	17,518.0	350,360.0	40.3
Lime stone	24,905.0	37,357.5	16,670.0	25,005.0	-33.1
Stone bricks	4,867.0	43,803.0	3,672.0	33,048.0	-24.6

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

For comments and suggestions, please contact:

Chief Government Statistician,
Office of the Chief Government Statistician,
P.O. Box 2321,
Zanzibar.

Tel: +255 24 2231869

Fax: +255 24 2231742

Email: zanstat@ocgs.go.tz

Website: www.ocgs.go.tz