



Zanzibar Official Statistics Provider

THE AGRICULTURAL STATISTICS RELEASE, THIRD QUARTER 2019

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>

Introduction

This quarterly agricultural statistics release is the third publication for the year 2019 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 2019 and its comparison to the corresponding quarter of 2018. 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 has slightly increased from 9,007.0 tons with total value of TZS 48,066.4 million recorded in the third quarter 2018 to 9,061.3 tons with the total value of TZS 48,625.2 million recorded in the third quarter of 2019, this is equivalent to the decrease of 1.0 percent.

Table 1 shows that, the highest quantity of fish caught (20.8 percent) was experienced in Magharibi 'A' district recorded 1,884.3 tons of fish valued at TZS 10,083.4 million followed by Mkoani district (11.8 percent) with 1,068.5 tons of fish, valued at TZS 5,734.5 with average price of TZS 5,367 per kilogram and Kaskazini 'A' district which recorded 1,038.3 tons (11.5 percent), value at TZS 5,593.6 million with average price of 5,387 per kilogram. The District with the lowest fish catch for the

third quarter 2019 was Kaskazini ‘B’ (6.0 percent) which recorded a total quantity of 548.1 tons, valued at TZS 2,947.7 million with average price of TZS 5,378 per kilogram.

Table 1: Estimated Fish Catches (Quantity and Value) by District, Third Quarters 2018 and 2019 (Value TZS ‘Millions’)

District	Third quarter 2018		Third quarter 2019	
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS
Kaskazini ‘A’	1,221	6,602	1,038.30	5,593.60
Kaskazini ‘B’	218	1,130	548.1	2,947.70
Kati	811	4,299	769.1	4,127.90
Kusini	681	3,627	711.6	3,829.80
Mjini	1,927	10,304	-	-
Magharibi	702	3,722	-	-
Magharibi ‘A’	-	-	1,884.30	10,083.40
Magharibi ‘B’	-	-	686.2	3,675.50
Micheweni	829	4,383	830.9	4,451.80
Wete	760	4,040	741.8	3,979.70
Chakechake	733	3,918	782.5	4,201.40
Mkoani	1,125	6,041	1,068.50	5,734.50
Total	9,007.00	48,066	9,061.30	48,625.20

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 solely cultivated for the market either local or international. In Zanzibar the leading cash crops are seaweed, clove and clove stems.

Seaweed Production

The quantity of seaweed produced for the third quarter 2019 decreased to 1,892.0.0 ton from 2,609.3 tons recorded in the corresponding quarter 2018, this is equivalent to percentage decrease of 27.5. In the third quarter 2019 only *Eucheuma spinosum* sea weed was produced of which the average price per kilogram was TZS 685. 3.

Table 2: Quantity and Value of Seaweed Production, Third Quarter, 2018 and 2019. (Value TZS ‘000’)

Type of Seaweeds	2018		2019		
	Quantity(Ton)	Value	Quantity (Ton)	Value	Quantity % Change
Eucheuma spinosum	2,583.3	1,072,707.6	1,892.0	1,296,683	-27.5
Eucheuma. cottonni	26	26,000.0	0	0	-100.0
Total	2,609.3	1,098,707.6	1,892.0	1,296,683	-27.5

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

Quantity and Value of Clove Purchased

The quantity of clove purchased in the third quarter 2019 was 561.3 tons worth TZS 7, 850.10 million, this leads to an increase of more than 100 percent as compared with the quantity purchased in the corresponding quarter of 2018 which was 104.7 tons valued at TZS 1,462.1 million. The largest quantity of the cloves (45.8 percent) worth TZS 3,596.5 million was purchased in August while the lowest amount was purchased in September (128.6 tons) valued at TZS 1,797.6 million. (Table 3)

Table 3: Quantity and Value of Clove Purchased Third Quarters of 2018 and 2019

(Value in TZS Million)

Month	2018		2019	
	Quantity (tons)	Value	Quantity (tons)	Value
July	30.4	425.3	175.6	2,456.0
August	56.4	787.5	257.1	3,596.5
September	17.9	249.3	128.6	1,797.6
Total	104.7	1,462.1	561.3	7,850.10

Source: Zanzibar State Trading Corporation (ZSTC)

Quantity and Value of Purchased Clove Stems

The quantity of clove stems purchased in the third quarter 2019 was 18.8 tons worth TZS 18,759 thousand the quantity increased for more than 100 percent as compared with the quantity purchased in the corresponding quarter of 2018 which was 0.8 tons valued at TZS 796,000.0. The largest quantity of the cloves stem (49.8 percent) worth

TZS 9,349.5 thousand was purchased in September followed by the quantity that was purchased in August whereby 7.4 tons (39.4 percent) of cloves stems were purchased worth TZS 7.4 thousands. The lowest amount of cloves stems was purchased in July whereby only 2.0 tons of cloves stems were purchased valued at TZS 2,026.0 thousands (Table 4).

Table 4: Quantity and Value of Clove Stems Purchased Third Quarter 2018 and 2019

(Value in TZS Thousands)				
2018			2019	
Month	Quantity (Kg)	Value	Quantity (Kg)	Value
July	78	78.0	2,026	2,026.0
August	60	60.0	7,384	7,383.5
September	658	658.0	9,350	9,349.5
Total	796	796.0	18,759.0	18,759.0

Source: Zanzibar State Trading Corporation (ZSTC)

Slaughtered Animals

The number of cattle inspected and slaughtered for the third quarter 2019 decreased by 5.8 percent compared with that corresponding quarter of 2018. Cattle decreased from 7,972 heads reported in the third quarter of 2018 to 7,508 heads recorded in the corresponding quarter of 2019. Inspected and slaughtered goats also decreased by 72.9 percent, the number decreased from 1,025 goats recorded in the third quarter 2018 to 278 goats in the third quarter 2019 (Table 5).

Table 5: Number of Inspected and Slaughtered Animals, Second Quarter 2018 to 2019

Livestock Type	Q3, 2018	Q3, 2019	% Change
Cattle	7,972	7,508	-5.8
Goat	1,025	278	-72.9
Chicken	67,733	42,246	-38

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 2019 decreased by 17 percent (from 3,319.7 acres in 2018 to 2,754.6 acres in 2019). This has also influence the decrease of the total fruits and vegetable production by 19.4 percent. The production decreased from 10,885.6 tons recorded in the third quarter of 2018 to 8,770.3 tons recorded in its corresponding quarter 2019.

The total area planted with Bitter aubergine increased from 149.4 acre in the third quarter 2018 to 286.2 acre in the third quarter of 2019 showing an increase of 91.4 percent, which also influenced its increase in production by 91.4 percent Whilst, the area planted with Amaranths has decreased from 387.9 acres recorded in the third quarter 2018 to 316.3 acres in the third quarter 2019, presenting a decrease of 18.5 percent. The area planted with Cucumber increased from 286.4 acres recorded in the third quarter 2018 to 331.8 acres recorded in third quarter of 2019, present an increase of 15.9 percent. The trend further shows that, the area planted with Egg Plant and Watermelon decreased from 309.4 acres and 470.3 acre recorded in the third quarter of 2018 to 286.4 acres and 268.6 acre in the third quarter of 2019, presenting a decrease of 7.4 and 42.9 percents respectively (Table 6).

Table 6: Area Planted (Acre) with Fruits and Vegetable and Estimated Production, Third Quarters 2018 to 2019

Type of Vegetable	2018		2019		Production %Change
	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	1,155.5	2,080.0	703.	2,111.1	1.5
Bitter aubergine	149.4	275.1	286.2	526.6	91.4
Egg Plant	309.4	569.3	286.4	630.1	10.7
Ocra	389.6	716.8	383.2	705.1	-1.6
Amaranths	387.9	713.7	316.3	581.9	-18.5
Cucumber	286.4	572.9	331.8	663.7	15.9
Watermelon	470.3	5,643.0	268.6	3223.6	-42.9
Sweet pepper	171.2	314.9	178.4	328.3	4.2
Total	3,319.7	10,885.6	2,754.6	8,770.3	-19.4

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 third quarter of 2019, data on forest resources show that beams production in the country has been decreased by 18 percent (465 m³) compared with that corresponding quarter of 2018 (567 m³). The production of building poles had slightly increased by 4.04 percent i.e. from 764.9 m³ recorded in the third quarter 2018 to 795.8 m³. Production of Medium poles had decreased by 11.8 percent in the third quarter of 2019 as compared with corresponding quarter of 2018. Production of medium poles in the third quarter 2018 was 777.0 m³ and decreased to 685.0 m³ in the third quarter of 2019. The fire wood production has increased by 17.1 percent in the third quarter of 2019 compared with that corresponding quarter of 2018. The production was from 7235.0 m³ recorded in the third quarter 2018 increased to 8,469.0 m³ in the third quarter 2019. Withes production decreased by 13.4 percent (520.1 m³) in the third quarter 2019 compared with corresponding quarter of 2018 (600.9 m³). Similar trend had been observed for Charcoal production; in the third quarter of 2019 the production of charcoal had decreased by 7.2 percent compared with that corresponding quarter of 2018. The production was from 501.4 tons recorded in the third quarter 2018 and dropped to 465.6 tons (Table 7).

Table 7: Quantity and Value of Forest Products, Third Quarter 2018 and 2019
(Value TZS '000')

Description	2018		2019		Quantity % Change
	Qty	Value	Qty	Value	
Beam	567	63,674.0	465.0	52,197.0	-18
Building Poles (in m ³)	764.9	10,836.5	795.8	11,273.8	4
Medium Poles (in m ³)	777.0	50,490.7	685.0	44,525.0	-11.8
Firewood (in m ³)	7,235.0	361,725.0	8,469.0	423,430.0	17.1
Withes (in m ³)	600.9	184,892.3	520.1	160,030.8	-13.4
Charcoal (in Tons)	501.4	330,955.7	465.6	307,290.7	-7.2

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

Mining and Quarry

Mining and Quarry statistic discussed in this section includes harvested stones, sands, gravels, lime stone and rubbles. In the third quarter of 2019, the quantity harvested of stones was 27,672.0 tons worth TZS 332,058.0 thousand, the quantity decreased by

26.9 percent as compared with the quantity harvested in corresponding quarter of 2018 which was 37,847.0 tons valued at TZS 454,164.0 thousand.

The quantity harvested of sands in the third quarter 2019 was 203,158 tons worth of TZS 1,523,685.0 thousand the quantity decreased by 10 percent as compared with the quantity harvested in corresponding quarter (2018) which was 225,804.0 tons valued at TZS 1,693,530.0 thousand.

Table 8 further shows that, the quantity harvested of gravels increased from 19,418 tons worth TZS 776,720.0 thousand recorded in the third quarter 2018 to 23,214.0 tons worth TZS 928,564.0 thousand recorded in the third quarter 2019, presenting an increase of 19.5 percent. Quantity of rubble harvested decreased by 63.0 percent compared to its corresponding quarter of 2018. Rubbles harvested in the third quarter of 2018 was 17,518 tons valued at TZS 350,360 thousand decreased to 6,475 tons value at 129,500 thousand.

The largest quantity of the rubble (49.0 percent) worth TZS 63,500.0 thousand was harvested in July followed by the quantity harvested in August whereby 3,090 tons (47.7 percent) of rubbles were harvested worth TZS 61,800 thousand. The lowest quantity of rubbles was harvested in September whereby only 210 tons (3.2 percent) of the total quarterly harvest was produced valued at TZS 4,200.0 thousand.

**Table 8: Quantity and Value of Mining and Quarry, Third Quarter 2018 and 2019
(Value TZS '000')**

Description	2018		2019		Quantity % Change
	Qty (tons)	Value	Qty (tons)	Value	
Stones	37,847	454,164.00	27,672.00	332,058.00	-26.9
Sands	225,804	1,693,530.00	203,158.00	1,523,685.00	-10
Gravels	19,418.00	776,720.00	23,214.00	928,564.00	19.5
Rubbles	17,518.00	350,360.00	6,475.00	129,500.00	-63
Lime stone	16,670.00	25,005.00	8,345.00	12,517.50	-49.9

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

For comments and suggestions, please contact:

Chief Government Statistician,
Office of 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