



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, SECOND QUARTER 2019

Introduction

This quarterly agricultural statistics release is the second 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 second quarter for the year 2019 and its comparison to the previous 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 in the second quarter 2019 has slightly increased from 8,860.3 tons with total value of TZS 46,862.7 million recorded in the second quarter 2018 to 9,115.5 tons with the total value of TZS 48,578.6 million recorded in the corresponding quarter of 2019, equivalent to the decrease of 2.9 percent.

Table 1 shows that, the highest quantity of fish caught (21.1 percent) was recorded in Mjini district with 1,924.0 tons valued at TZS 10,235.6 million followed by Kaskazini A district (13.3 percent) with 1,208.0 tons, valued at TZS 6,468.8 with average price of TZS 5,354.8 per kilogram. Mkoani is the third district that has recorded (12.6 percent) with 1,151.4 tons, value at TZS 6,131.2 million with average price of 5,325.2 per killogram. The lowest fish caught for the second quarter 2019 was recorded in

Kaskazini B district (2.9 percent) with total quantity of 261 tons, valued at TZS 1,392.1 million with average price of TZS 5,333.1 per kilogram.

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

District	Second quarter 2018		Second quarter 2019		Quantity Percentage Change
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS	
Kaskazini A	1,203	6,440.1	1,208.0	6,468.8	0.4
Kaskazini B	202	1,062.8	261.0	1,392.1	29.2
Kati	625	2,418.4	790.0	4,212.5	26.5
Kusini	740	3,909.2	734.0	3,927.1	-0.9
Mjini	2,098	11,104.4	1,924.0	10,235.6	-8.3
Magharibi	695	3,661.4	711.7	3,785.0	2.4
Micheweni	741	3,843.3	824.0	4,383.7	11.2
Wete	689	3,639.4	762.5	4,055.0	10.7
Chakechake	665	3,524.6	748.6	3,987.7	12.6
Mkoani	1,203	6,385.1	1,151.4	6,131.2	-4.3
Total	8,860	45,988.7	9,115.1	48,578.6	2.9

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 solely 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 2019 the data revealed that, the quantity produced has been increased from 2,516 tons recorded in the second quarter 2018 to 2,925.02 ton of the corresponding quarter of 2019, equivalent to the increase of 16.3 percent. Out of the total quantity of seaweeds produced in the second quarter 2019, 99.1 percent was *Eucheuma spinosum* seaweeds and only 0.9 percent was *Eucheuma cottonni* (Table 2).

The average price per kilogram for *Eucheuma cottonni* was TZS 2,083.8 and that of *Espinosiam* was TZS 518.6 only.

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

Type of Seaweeds	2018		2019		
	Quantity(Ton)	Value	Quantity (Ton)	Value	Quantity % Change
<i>Eucheuma spinosum</i>	2,490	1,030,120.0	2,899.02	1,503,395.8	16.4
<i>Eucheuma. cottonni</i>	26	32,995.0	26.0	54,178.02	0
Total	2,516	1,063,115.0	2,925.02	1,557,573.8	16.3

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

Quantity and Value of Clove Purchased

The quantity of clove purchased in the second quarter 2019 was 20 tons worth of TZS 278.2 million (Table 3), the quantity decreased of 68.7 percent as compared with the quantity purchased in previous quarter (2018) which was 63.8 tons valued at TZS 891.1 million. The largest quantity of the cloves (62.5 percent) worth TZS 173.7 million was purchased in June followed by the quantity purchased in April whereby 3.8 tons of cloves were purchased worth TZS 52.3 million. The lowest amount of cloves was purchased in May whereby only 3.7 tons of cloves were purchased valued at TZS 52.2 million.

Table 3: Quantity and Value of Clove Purchased Second Quarters of 2018 and 2019
(Value in TZS Million)

Month	2018		2019	
	Quantity (tons)	Value	Quantity (tons)	Value
April	25.5	356.7	3.8	52.3
May	19.2	268.6	3.7	52.2
June	19.0	265.9	12.4	173.7
Total	63.8	891.2	19.9	278.2

Source: Zanzibar State Trading Corporation (ZSTC)

Quantity and Value of Purchased Clove Stems

The quantity of clove stems purchased in the second quarter 2019 was 0.7 tons worth TZS 498,700.0 the quantity decreased of 92.7 percent as compared with the quantity purchased in the corresponding quarter of 2018 which was 9.1 tons valued at TZS 9,148,000.0. The largest quantity of the cloves stem (85.8 percent) worth TZS 403,200.0 was purchased in June followed by the quantity that was purchased in May whereby 0.06 tons (8.2 percent) of cloves stems were purchased worth TZS 55,000.0. The lowest amount of cloves stems was purchased in April whereby only 0.04 tons of cloves stems were purchased valued at TZS 40,500.0 (Table 4).

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

(Value in TZS thousands)

Month	2018		2019	
	Quantity (tons)	Value	Quantity (tons)	Value
April	3.6	3,606.0	0.04	40.5
May	2.9	2,924.0	0.06	55.0
June	2.6	2,618.0	0.58	403.2
Total	9.1	9,148.0	0.7	498.7

Source: Zanzibar State Trading Corporation (ZSTC)

Slaughtered Animals

The number of cattle inspected and slaughtered for the second quarter 2019 decreased by 12.9 percent compared with that corresponding quarter of 2018. Cattle decreased from 7,578 heads reported in the second quarter of 2018 to 6,600 heads recorded in the corresponding quarter of 2019. Inspected and slaughtered goats increased 37.6 percent, the number increased from 490 goats recorded in the second quarter 2018 to 674 goats in the second quarter 2019 (Table 5).

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

Livestock Type	Q1, 2018	Q1, 2019	% Change
Cattle	7,578	6,600	-12.9
Goat	490	674	37.6
Chicken	194,636	0	-100.0
Duck	40	0	-100.0

Fruits and Vegetable Production

Table 6 shows that the area planted with fruits and vegetables for the second quarter 2019 increased by 18.5 percent (from 2,508.1acres in 2018 to 2,973.03acres in 2019). This has also influence the increase of the total fruits and vegetable production by 58.3 percent. The production increased from 7,154.8 tons recorded in the second quarter of 2018 to 11,322.9 tons recorded in the second quarter 2019.

The total area planted with Bitter aubergine increased from 200.0 acre in the second quarter 2018 to 242.7acre in the second quarter of 2019 showing an increase of 21.4 percent. Whilst, the area planted with Amaranths has also increased from 287.5 acres recorded in the second quarter 2018 to 406.8acres in the second quarter 2019, presenting increase of 41.3 percent. The area planted with Cucumber increased from 227.5 acres recorded in the second quarter 2018 to 283.8 acres recorded in second quarter of 2019, present an increase of 24.8 percent. The trend further shows that, the area planted with Egg Plant and Watermelon also increased from 396.8 acres and 249.0 acre recorded in the second quarter of 2018 to 404.6 acres and 471.5 acre recorded in the second quarter of 2019 respectively (Table 6).

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

Type of Vegetable	2018		2019		Production %Change
	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	656.5	1,181.7	510.3	1,530.8	29.5
Bitter aubergine	200.0	368.0	242.7	446.5	21.3
Egg Plant	396.8	730.0	404.6	890.1	21.9
Ocra	369.0	679.0	363.3	668.4	-1.6
Amaranths	287.8	529.5	406.8	748.4	41.3
Cucumber	227.5	455.0	283.8	567.7	24.8
Watermelon	249.0	2,988.0	471.5	5,658.2	89.4

Sweet pepper	121.5	223.6	96.5	177.6	-20.6
Total	2,508.1	7,154.8	2,973.03	11,322.86	58.3

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 2019, data on forest resources show that beams production in the country has been decreased by 28 percent (446.3 m³) compared with that corresponding quarter of 2018 (620.1 m³). The production of building poles had slightly increased by 0.7 percent i.e. from 844.3 m³ recorded in the second quarter 2018 to 850.4 m³. Production of Medium poles had decreased by 30.2 percent in the second quarter of 2019 as compared with corresponding quarter of 2018. Production of medium poles in the second quarter 2018 was 811.9 m³ and decreased to 566.9 m³ in the second quarter of 2019. The fire wood production has increased by 42.2 percent in the second quarter of 2019 compared with that corresponding quarter of 2018. The production was from 5,458.6 m³ recorded in the second quarter 2018 to increased to 77,64.2 m³ in the second quarter 2019. Withes production increased by 40.7 percent (528.7 m³) in the second quarter 2019 compared with corresponding quarter of 2018 (375.7 m³). However, the Charcoal production in the second quarter of 2019 decreased by 10.3 percent compared with that corresponding quarter of 2018. The production was from 421.3 tons recorded in the second quarter 2018 and dropped to 377.9 tons (Table 7).

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

Description	2018		2019		Quantity % Change
	Qty	Value	Qty	Value	
Beam (m ³)	620.1	69,674.2	446.3	50,146.1	-28.0
Building Poles (in m ³)	844.3	11,960.9	850.4	12,047.3	0.7
Medium Poles (in m ³)	811.9	52,780.0	566.9	36,848.5	-30.2
Firewood (in m ³)	5,458.6	272,927.5	7,764.2	388,210.0	42.2
Withes (in m ³)	376	115,600.0	528.7	162,689.2	40.7
Charcoal (in Tons)	421.3	278,046.7	377.9	249,432.5	-10.3

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, rubbles and stone bricks. In the second quarter of 2019, data on Mining and Quarry show that the harvesting of these resources has decreased significantly when compared to its corresponding quarter of 2018.

The quantity harvested of stones in the second quarter 2019 was 20,067.0 tons worth TZS 240,804.0 thousand, the quantity decreased by 22.8 percent as compared with the quantity harvested in corresponding quarter of 2018 which was 26,007.0 tons valued at TZS 312,084.0 thousand.

The quantity harvested of sands in the second quarter 2019 was 128,716.0 tons worth of TZS 965,370.0 thousand the quantity decreased by 25.9 percent as compared with the quantity harvested in previous quarter (2018) which was 173,757.0 tons valued at TZS 1,303,177.5 thousand. The largest quantity of the Sands (38 percent) worth TZS 362,317.5 thousand was harvested in April followed by that harvested in June whereby 41,925.0 tons (32.6 percent) of sands were harvested worth of TZS 314,437.0 thousand.

Table 8 further show that, the quantity harvested of gravels in the second quarter of 2019 decreased from 12,932.0 tons worth TZS 517,280.0 thousand recorded in the

second quarter 2018 to 7724.0 tons worth TZS 308,960.0 thousand recorded in the second quarter 2019, present decrease of 40.3 percent. The largest quantity of the gravels (34.9 percent) worth TZS 107,760.0 thousand was harvested in May followed by that harvested in June whereby 2,634.0 tons (34.1 percent) of gravels were harvested worth TZS 105,360.0 thousand. The lowest quantity of gravels was harvested in April whereby only 31.0 percent of the total harvest was produced valued at TZS 95,840.0 thousand.

Similar trend was observed for rubble harvest, the quantity harvested was decreased by 20.8 percent compared to its corresponding quarter of 2018. Rubbles harvested in the second quarter of 2018 was 10,880.0 tons valued at TZS 217,600.0 thousand compared to its corresponding quarter of 2019 whereby the harvest was 8,618.0 tons valued at TZS 172,360.0 thousand.

The largest quantity of the rubble (39.7 percent) worth TZS 68,420.0 thousand was harvested in May followed by that harvested in June whereby 2,633 tons (30.6 percent) of rubbles were harvested worth TZS 52,660.0 thousand. The lowest quantity of rubbles was harvested in April whereby only 2,564.0 tons (29.8 percent) of the total quarterly harvest was produced valued at TZS 51,280.0 thousand.

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

Description	2018		2019		Quantity % Change
	Qty (tons)	Value	Qty (tons)	Value	
Stones	26,007.0	312,084.0	20,067.0	240,804.0	-22.8
Sands	173,757.0	1,303,177.5	128,716.0	965,370.0	-25.9
Gravels	12,932.0	517,280.0	7,724.0	308,960.0	-40.3
Rubbles	10,880.0	217,600.0	8,618.0	172,360.0	-20.8
Lime stone	16,193.0	24,289.5	13,107.0	19,660.5	-19.1
Stone bricks	3,187.0	28,683.0	3067.0	27,603.0	-3.8

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