



*Zanzibar Official Statistics Provider*

## **THE AGRICULTURAL STATISTICS RELEASE, SECOND QUARTER 2021**

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### **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 second publication for the year 2021 presenting the different statistics of agriculture sector including crops, fishing, livestock and forest products. The report intends to give a picture of the performance of agricultural sector for the second quarter for the year 2021 and its comparison of the previous quarter of 2020. 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, seaweeds, forest products as well as number of inspected and slaughtered livestock.

### **Fish Catches**

The quantity of fish caught in the second quarter 2021 was 5,034.8 tons with total value of TZS 24,943.0 million equivalent to a decrease of 52.4 percent compared with the quantity caught in the corresponding quarter 2020.

Table 1 shows that, the highest quantity of fish catch (33.0 percent) was recorded in Mjini district which was 1,660.5 tons valued at TZS 8,861.4 million followed by Mkoani district (20.5 percent) with 1,030.3 tons, valued at TZS 4,138.2 million with average price of TZS 4,017 per kilogram. The lowest fish catch for the second quarter

2021 was recorded in Kusini district (2.2 percent) with total quantity of 112.1 tons, valued at TZS 684.9 million with an average price of TZS 6,110 per kilogram.

**Table 1: Estimated Fish Catches (Quantity and Value) by District, Second Quarter 2020 and 2021(Value TZS ‘Millions’)**

District	Second quarter 2020		Second quarter 2021		Quantity % Change
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS	
Kaskazini A	1,223.0	6,556.5	243.9	1,531.5	-80.1
Kaskazini B	828.8	4,426.2	194.2	959.7	-76.6
Kati	740.7	3,955.1	437.8	2,047.1	-40.9
Kusini	650.8	3,487.3	112.1	684.9	-82.8
Mjini	1,734.6	9,240.7	1,660.5	8,861.4	-4.3
Magharibi	644.3	3,434	252.6	2,014.5	-60.8
Micheweni	813.5	4,337.7	381.1	2,045.3	-53.2
Wete	732.6	3,900.5	417.6	1,708.5	-43.0
Chakechake	1,253.8	6,689.7	304.7	952.0	-75.7
Mkoani	1,961.2	10,463.2	1,030.3	4,138.2	-47.5
<b>Total</b>	<b>10,583.2</b>	<b>56,490.9</b>	<b>5,034.8</b>	<b>24,943.0</b>	<b>-52.4</b>

Source: Ministry of Blue Economy and Fisheries

## Cash Crops

Cash crops are agricultural crops, grown for sale to return a profit; they are solely cultivated for the market either local or international. In Zanzibar the most common cash crops for foreign earning are seaweed and clove.

### Seaweed Production

For the second quarter 2021, the data revealed that, the quantity of seaweed produced dropped from 2,382 tons recorded in the second quarter 2020 to 2,027 tons, equivalent to 15 percent decrease. From the total production of seaweed, a total of 2,025.3 tons (99.9 percent) was *Eucheuma spinosum* seaweeds and 1.4 tons (0.1 percent) was *Eucheuma cottonii* (Table 2). The average price per kilogram of spinosiam was TZS 600.0 and that of Cottonii was TZS 1,600.0

**Table 2: Quantity and Value of Seaweed Production, Second Quarter 2020 to 2021.****(Value TZS '000')**

Type of Seaweeds	2020		2021		Quantity % Change
	Quantity (Ton)	Value	Quantity (Ton)	Value	
<i>Eucheuma spinosum</i>	2,382	1,517,009	2,025.3	1,215,164	-15
<i>Eucheuma cottonii</i>	0	0	1.4	2,194	-
<b>Total</b>	<b>2,382</b>	<b>1,517,009</b>	<b>2,027</b>	<b>1,217,358</b>	<b>-15</b>

**Source:** Ministry of Blue Economy and Fisheries

### Slaughtered Animals

The number of cattle inspected and slaughtered for the second quarter 2021 increased from 6,994 in the second quarter 2020 to 7,312 heads equivalent to an increase of 4.5 percent. Number of Inspected and slaughtered goats decreased from 1,933 heads to 201 heads in second quarter 2021 (89.6 percent). The number of inspected and slaughtered chicken for the second quarter 2021 also decreased from 222,242 birds recorded in second quarter 2020 to 121,220 heads in the same quarter in 2021 equivalent to 45.5 percent decreased (Table 5).

**Table 5: Number of Inspected and Slaughtered Animals, Second Quarter 2019 to 2021**

Livestock Type	Q1, 2019	Q1, 2020	Q1, 2021	% Change
Cattle	6,600	6,994	7,312	4.5
Goat	674	1,933	201	-89.6
Chicken	n	222,242	121,220	-45.5
Duck	n	n	939	-

**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 second quarter 2021 increased by 23.7 percent (from 2,393.5 acres in 2020 to 2,961 acres in 2021). This has also influenced the increase in total fruits and vegetable production by 15.8 percent. The production increased from 7,834.3 tons recorded in the second quarter of 2020 to 9,071 tons recorded in the second quarter 2021.

The total area planted with Tomatoes decreased from 539.1 acre in the second quarter 2020 to 523.3 acre in the second quarter of 2021 showing a decrease of 2.9 percent. Area planted with Bitter aubergine increased from 217.1 acre in the second quarter 2020 to 305.4 acre in the second quarter of 2021 showing an increase of 40.7 percent. Whilst, the area planted with Amaranths has increased from 421 acres recorded in the second quarter 2020 to 447 acres in the second quarter 2021, presenting an increase of 6.1 percent. The area planted with Cucumber increased from 163.5 acres recorded in the second quarter 2020 to 290.4 acres in second quarter of 2021, presenting an increase of 77.6 percent. The trend further shows that, the area planted with Egg Plant has increased from 413.7 acres recorded in the second quarter of 2020 to 452.2 acres in the second quarter of 2021, presenting an increase of 9.3 percent. While area planted with Watermelon increased from 201.1 acre recorded in the second quarter of 2020 to 276.3 acre in the second quarter of 2021 equivalent to an increase of 37.4 percent. Contrary, the area planted with sweet piper increased by more than 100.0 percent in the second quarter 2021 comparing to its corresponding quarter of 2020. The area increased from 42.3 acre recorded in the second quarter 2020-to-193.6-acre 2021(Table 6)

**Table 6: Area Planted with Fruits and Vegetable, Production and Percentage Change -  
Second Quarters of 2018 – 2021**

Type of Vegetable	2018		2019		2020		2021		Production % change
	Planted Area	Estimated Production	Planted Area	Estimated Production	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	656.5	1,181.7	510.3	1,530.8	539.1	1,617.4	523.3	1,569.8	-2.9
Bitter aubergine	200.0	368.0	242.7	446.5	217.1	399.4	305.4	561.9	40.7
Egg Plant	396.8	730.0	404.6	890.1	413.7	910.0	452.2	994.8	9.3
Ocra	369.0	679.0	363.3	668.4	395.8	728.2	473.3	870.8	19.6
Amaranths	287.8	529.5	406.8	748.4	421.0	774.6	446.9	822.3	6.2
Cucumber	227.5	455.0	283.8	567.7	163.5	327.0	290.4	580.8	77.6
Watermelon	249.0	2,988.0	471.5	5,658.2	201.1	2,413.4	276.3	3,315.0	37.4
Sweet pepper	121.5	223.6	96.5	177.6	42.3	664.2	193.6	356.2	-46.4
<b>Total</b>	<b>2,508.1</b>	<b>7,154.8</b>	<b>2,779.5</b>	<b>10,687.7</b>	<b>2,393.5</b>	<b>7,834.3</b>	<b>2,961.1</b>	<b>9,071.4</b>	<b>15.8</b>

**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 on forest resource, mining and Quarry presented in this release includes licensed timber cutting from government forest plantations and public land, sand, stones, gravels with reference from issued permits for the Government Institutions.

### Forest Resources

Data on forest resources show that, beams production in the country decreased by 16 percent (from 368 m<sup>3</sup> recorded in second quarter 2020 to 310 m<sup>3</sup> in second quarter 2021) . The production of building poles also decreased by 16 percent i.e. (from 912 m<sup>3</sup> recorded in the second quarter 2020 to 767 m<sup>3</sup> in 2021). Production of Medium poles slightly increased by 0.9 percent (from 739 m<sup>3</sup> in second quarter 2020 to 746 m<sup>3</sup> in its corresponding quarter 2021). The fire wood production decreased by 21.4 percent (from 8,043m<sup>3</sup> recorded in the second quarter 2020 to 6,321 m<sup>3</sup> in the corresponding quarter 2021). Withes production decreased by 2.7 percent (From 510 m<sup>3</sup> to 497m<sup>3</sup> ). Charcoal

production decreased by 5.2 percent in (from 475 tons in second quarter 2020 to 450 tons in the same quarter 2021 )(Table 7).

**Table 7: Quantity and Value of Forest Products, Second Quarter 2018 and 2020**  
(Value TZS ‘000’)

Description	2019		2020		2021		Quantity % Change
	Qty	Value	Qty	Value	Qty	Value	
Beam (m3)	446	50,193	368	41,274	310	36,512	-15.8
Building Poles (m3)	850	12,048	912	12,922	767	19,175	-15.9
Medium Poles (m3)	567	36,849	739	48,073	746	55,920	0.9
Firewood ( m3)	7,764	388,208	8,043	402,098	6,321	324,288	-21.4
Withes (m3)	529	162,677	510	157,016	497	152,769	-2.5
Charcoal (Tons)	378	249,388	475	284,821	450	324,100	-5.3

**Source:** Ministry of Agriculture, Irrigation, Natural Resources and Livestock

## 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 2021, some of the data on Mining and Quarry such as Gravels, Lime Stone and Stone bricks show that the harvesting of these resources has decreased significantly when compared to the production in corresponding quarter of 2020.

The quantity harvested of stones in the second quarter 2021 was 33,391.0 tons worth TZS 500.9 million, the quantity increased by 2.9 percent as compared with the quantity harvested in corresponding quarter of 2020 which was 32,461.0 tons valued at TZS 389.5 million.

The quantity harvested of sand in the second quarter 2021 was 170,604.0 tons worth TZS 1,262.5 million, the quantity increased by 46.1 percent compared with the quantity harvested in corresponding quarter of 2020 which was 116776.0 tons valued at TZS 875.8 million. The largest quantity of the Sand (39.5 percent) worth TZS 498.6 million was harvested in June followed by that harvested in May (60,566 tons, 35.5 percent) worth TZS 448.2 million.

Table 8 further show that, the quantity harvested of gravels in the second quarter of 2021 decreased by 15 percent, (from 18,380 tons worth TZS 735.2 million recorded in the second quarter 2020 to 15,588.0 tons worth TZS 810.6 million recorded in the second quantity 2021). The largest quantity of the gravels (39.0 percent) worth TZS 810.6 million was harvested in June followed by the quantity harvested in April (5,074 tons; 32.6 percent) worth TZS 263.8 million. The lowest quantity of gravels was harvested in May (28.4 percent) valued at TZS 230.5 million.

Similar trend was observed for rubble production, whereby quantity harvested increased by 26.7 percent compared to its corresponding quarter of 2020, i.e. from 26,254.0 tons valued at TZS 525.1 million to 33,251.0 tons valued at TZS 581.9 million in second quarter 2021.

The largest quantity of the rubble (47.8 percent) worth TZS 826.6 million was harvested in June followed by the harvested in May (11,877 tons, 35.7 percent) worth 617.6 million. The lowest quantity of rubbles was harvested in April whereby 5,478 tons (16.5 percent) was harvested valued at TZS 284.9 million.

**Table 8: Quantity and Value of Mining and Quarry, Second Quarter 2019 to 2021**  
(Value TZS Million)

Description	2019		2020		2021		Quantity % Change
	Qty (tons)	Value	Qty (tons)	Value	Qty (tons)	Value	
Stones	20,067.0	240.8	32,461.0	389.5	33,391.0	500.9	2.9
Sands	128,716.0	965.4	116,776.0	875.8	170,604.0	1262.5	46.1
Gravels	7,724.0	309.0	18,380.0	735.2	15,588.0	810.6	-15.2
Rubbles	8,618.0	172.4	26,254.0	525.1	33,251.0	581.9	26.7
Lime stone	13,107.0	19.7	6,476.0	9.7	n/a	n/a	
Stone bricks	3,067.0	27.6	2,302.5	20.7	1,858.0	0.9	-19.3

**Source:** Ministry of Agriculture, Irrigation, Natural Resources and Livestock

Note: n/a = data not available

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