



Zanzibar Official Statistics Provider

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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 first publication for the year 2019 containing statistics on agriculture production that take place in the specified time period. The statistic report intends to give an overview picture of agricultural sector for the first 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.

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 first quarter 2019 was 8,823.9 tons with the total value of TZS 46,919.4 million. The quantity slightly decreased by 0.7 percent as compared with the quantity caught in the corresponding quarter 2018.

Table 1 shows that, the highest quantity of fish caught (22.2 percent) were recorded in Mjini district with 1,959.8 tons valued at TZS 10,408.1 million followed by Kaskazini A district with (13.8 percent) with 1,219.7 tons, valued at TZS 6,525.3 million. The lowest fish caught for the first quarter 2019 was recorded in Kaskazini B district (2.4 percent) with total quantity of 215 tons, valued at TZS 1,140.4 million.

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

District	First quarter 2018		First quarter 2019		Quantity % Change
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS	
Kaskazini " A "	1,216.7	6,219.8	1,219.7	6,525.3	0.2
Kaskazini "B"	227.7	1,157.2	215.1	1,140.4	-5.5
Kati	652.5	3,369.4	695.9	3,695.6	6.7
Kusini	624.9	3,213.4	675.5	3,592.8	8.1
Mjini	2,186.0	11,194.5	1,959.8	10,408.1	-10.3
Magharibi	646.2	3,306.5	679.8	3,610.8	5.2
Micheweni	711.0	3586.0	808.7	4,296.0	13.7
Wete	735.2	3,752.1	692.1	3,670.9	-5.9
Chakechake	667.3	3,436.9	671.0	3,570.1	0.6
Mkoani	1,216.8	6,212.6	1,206.2	6,409.4	-0.9
Total	8,884.3	45,448.3	8,823.9	46,919.4	-0.7

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

Cash Crops

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

Seaweed Production

Seaweed is one among the main cash crops produced in Zanzibar, for the first quarter 2019 the data reveals that the quantity produced has been increased from 2,266 ton recorded in the first quarter 2018 to 2,624 ton of the responding quarter 2019, equivalent to the increase of 16 percent. Out of the total quantity of seaweeds produced in the first quarter 2019, 97 percent was *Eucheuma spinosum* seaweeds and 3 percent was *Eucheuma cottonni* (Table 2). The average price per kilogram for *Eucheuma cottonni* was TZS 1000.0 and that of *Espiniosiam* was TZS 400.0 only.

The largest quantity of the Eucheuma spinosum seaweeds (43.4 percent) worth TZS 441.8 (in million) was purchased in March followed by that purchased in January whereby 856 tons (33.6 percent) of Eucheuma spinosum seaweeds were purchased worth of TZS 342.4 (in million). The lowest amount of Eucheuma spinosum seaweed was purchased in February where only 586 tons of Eucheuma spinosum seaweed were purchased valued at TZS 5234.4 million.

Table 2: Quantity and Value of Seaweed Production, First Quarter 2017 and 2019.
(Value TZS 000')

Type of Seaweeds	2017		2018		2019		Quantity % Change
	Ton	Value	Ton	Value	Ton	Value	
E. Spinosum	2,076	834,052	2,214	885,522	2,546	1,018,551	15
E. Cottonni	0	0	52	78,085	78	78,000	50
Total	2,076	834,052	2,266	963,607	2,624	1,096,551	16

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

Quantity and Value of Clove Purchased

The quantity of clove purchased in the first quarter 2019 was 32.1 tons worth of TZS 446.8 (in millions) (Table 3), the quantity decreased by 93 percent as compared with the quantity purchased in previous quarter (2018) which was 452.1 tons valued at TZS 6,296.0 (in millions). The largest quantity of the cloves (65.5 percent) worth TZS 292.8 (in million) was purchased in January followed by that purchased in February whereby 6.9 tons of cloves were purchased worth of TZS 95.5 (in million). The lowest amount of cloves was purchased in March where only 4.2 tons of cloves were purchased valued at TZS 58.5 million.

Table 3: Quantity and Value of Clove Purchased First Quarter 2018 and 2019**(Value in TZS Million)**

Month	2017		2018		2019		Quantity % Change 2018&2019
	Quantity (tons)	Value	Quantity (tons)	Value	Quantity (tons)	Value	
January	150.3	2,133.00	339	4,722.80	21	292.8	-93.8
February	37.8	526.80	79	1,096.80	6.9	95.5	-91.3
March	13.3	185	34.2	476.4	4.2	58.5	-87.7
Total	201.4	2,844.80	452.1	6,296.00	32.11	446.8	-92.9

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

The quantity of clove stems purchased in the first quarter 2019 was 0.44 tons worth of TZS 336.5 (in thousands) the quantity decreased by 99.7 percent as compared with the quantity purchased in the corresponding quarter of 2018 which was 161.9 tons valued at TZS 161,893.5 (in thousands). The largest quantity of the cloves stem (76.2 percent) worth TZS 332.5 (in thousands) was purchased in January followed by that purchased in March whereby 0.07 tons (15.3 percent) of cloves stems were purchased worth of TZS 67.0 (in thousands). The lowest amount of cloves stems was purchased in February where only 0.04 tons of cloves stems were purchased valued at TZS 37.0 thousands (Table 4).

Table 4: Quantity and Value of Clove Stems Purchased First Quarter 2018 and 2019**(Value in TZS thousands)**

Month	2017		2018		2019		Quantity % Change
	Quantity (tons)	Value	Quantity (tons)	Value	Quantity (tons)	Value	
January	27.3	27,308.50	117	117,265.50	0.33	332.5	-99.7
February	9.8	9,820.10	32.1	32,138.50	0.04	37	-99.9
March	2.1	2,132.30	12.5	12,489.50	0.07	67	-99.5
Total	39.2	39,260.9	161.9	161,893.50	0.44	436.5	-99.7

Source: Zanzibar State Trading Corporation (ZSTC)

Slaughtered Animals

The number of cattle inspected and slaughtered for the first quarter 2019 increased by 42.3 percent compared with that of 2018. Cattle increased from 3,439 head reported in the first quarter of 2018 to 4,892 head recorded in 2019. Similar trend had been observed for the number of inspected and slaughtered goats of which the number increased by 50.0 percent. The number increased from 406 head in the first quarter 2018 to 609 head of the corresponding quarter 2019 (Table 5).

Table 5: Number of Inspected and Slaughtered Animals, First Quarter 2017 to 2019

Livestock Type	Q1, 2017	Q1, 2018	Q1, 2019	% Change Q1 2018&2019
Cattle	3,646	3,439	4,892	42.3
Goat	404	406	609	50
Chicken	173,089	92,865	n	
Duck	101	209	n	

Note: n = data not available

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 first quarter 2018 has been increased by 2 percent (1,682.8 Acre) compared with its corresponding quarter of 2018 (1,646.6 Acre). This has also influence the increase of the total fruits and vegetable production by 26.7 percent (6,697.4 tons) recorded in the first quarter of 2019 compared to its corresponding quarter of 2018 (5,286.1 tons).

The total area planted with tomatoes decreased from 299.3 acre in the first quarter 2018 to 286.9 acre in the first quarter 2019 showing decrease of 4 percent. However, the productivity of the crop had increased from 1.8 tons per acre recorded in the first quarter 2018 to 3.0 tons per acre 2019. The area planted with Egg Plant also decreased from 221.8 acres recorded in the first quarter 2018 to 163.1 acres in first quarter 2019, presenting a decrease of 26 percent. Yet, the productivity increased from 1.8 tons per acre recorded in the first quarter 2018 to 2.2 tons per acre 2019. Contrary, the area planted with Watermelon increased by 42 percent in the first

quarter 2019 compared to its corresponding quarter of 2018. That is from 219.8 acre recorded in the first quarter 2018 to 312.5 acre 2019.

Table 6: Area Planted (Acre) with Fruits and Vegetable, Estimated Production and Percentage Change - First Quarter 2018 and 2019

Type of Vegetable	2017		2018		2019		Estimated Production %Change (2018 and 2019)
	Planted Area	Estimated Production	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	169.9	305.8	299.3	538.74	286.88	860.6	59.8
Bitter aubergine	80	147.2	96	176.64	57.38	105.6	-40.2
Egg Plant	124	228.2	221.8	408.02	163.13	358.9	-12.0
Ocra	141.9	261.1	277.3	510.23	222	408.5	-19.9
Amaranths	190.6	350.8	222	408.48	347.5	639.4	56.5
Cucumber	97	194	217.5	435	216.25	432.5	-0.6
Watermelon	242.9	2,914.20	219.8	2638	312.5	3750.0	42.2
Sweet pepper	59.1	108.8	92.9	170.97	77.13	141.9	-17.0
Total	1,105.40	4,510.10	1,646.60	5,286.08	1,682.8	6,697.4	26.7

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 first quarter of 2019, data on forest resources show that beams production in the country has been decreased by 3.5 percent (431.4 m³) compared with the production recorded in the corresponding quarter of 2018 (44.6 m³). The production of building poles had also dropped by 15.5 percent i.e. from 798.2 m³ recorded in the first quarter

2018 to 675 m³. However, Medium pole production in the first quarter 2019 had increased from 783 m³ to 799 m³ which is an increase of 2 percent as compared to the production recorded in the first quarter of 2018. The fire wood production has also increased by 39.3 percent in the first quarter of 2019 compared its corresponding quarter of 2018. That is from 5,475.9 m³ recorded in the first quarter 2018 to 7,630.5 m³.

Similar trend was observed for Withes production of which by 16 percent compared to its corresponding quarter of 2018. Production of Withes in the first quarter 2018 was 499.4 and increased to 579.1 m³ in the first quarter of 2019. However, Charcoal production decreased by 6.5 percent compared to its corresponding quarter of 2018. Production of Charcoal in the first quarter 2018 was 490.5 tons and decreased to 458.4 tons in the first quarter of 2019 (Table 7).

Table 7: Quantity and Value of Forest Products, First Quarter 2017 and 2019
(Value TZS ‘000’)

Description	2017		2018		2019		Qty % Change 2018&2019
	Qty	Value	Qty	Value	Qty	Value	
Beam (m ³)	517.8	58,180	446.6	13,000	431	48,472	-3.5
Building Poles (in m ³)	873.8	11,651	798.2	10,643	674.8	9,560	-15.5
Medium Poles (in m ³)	794.7	35,762	783	35,235	799	51,935	2.0
Firewood (in m ³)	6,672.70	293,599	5,475.90	240,940	7,630.50	381,523	39.3
Withes (in m ³)	423.3	56,440	499.4	66,587	579.1	178,185	16.0
Charcoal (in Tons)	480.2	316,954	490.5	323,701	458.4	302,513	-6.5

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 first quarter of 2019, data on Mining and Quarry show that the harvesting of the resources has decreased significantly when compared to its corresponding quarter of 2018.

The quantity harvested of stones in the first quarter 2019 was 24,360 tons worth of TZS 292,320.0 (in thousands), the quantity decreased by 8.5 percent as compared

with the quantity harvested in previous quarter (2018) which was 26,634 tons valued at TZS 346,242 (in thousands). The largest quantity of the stones (43.6 percent) worth TZS 127,332 (in thousands) was harvested in January followed by that harvested in March whereby 6,958 tons of stones were harvested worth of TZS 83,496 (in thousands). The lowest quantity of stones was harvested in February where only 6,791 tons of stones were harvested valued at TZS 81,492 in thousands.

The quantity harvested of sands in the first quarter 2019 was 133,983 tons worth of TZS 1,004,873 (in thousands), the quantity decreased by 59.5 percent as compared with the quantity harvested in previous quarter (2018) which was 330,535 tons valued at TZS 2,148,477.5 (in thousands). The largest quantity of the Sands (59.3 percent) worth TZS 595,958 (in thousands) was harvested in January followed by that harvested in March whereby 41,498 tons (31 percent) of sands were harvested worth of TZS 311,235 (in thousands).

Table 8 further show that, the quantity harvested of gravels in the first quarter of 2019 was also decreased from 14,557 tons worth of TZS 582,280 (in thousands) recorded in the first quarter 2018 to 8,758 tons worth of TZS 350,320(in thousands) recorded in the first quantity 2018, present an increase of 40 percent. The largest quantity of the gravels (42.1 percent) worth TZS 147,520 (in thousands) was harvested in January followed by that harvested in March whereby 2,666 tons (30.4 percent) of gravels were harvested worth of TZS 106,640 (in thousands). The lowest quantity of gravels was harvested in February where only 27.4 percent of the total harvested was produced valued at TZS 96,160 in thousands.

However, Rubble harvest was increased by 38 percent compared to its corresponding quarter of 2018. Rubble harvested in the first quarter of 2018 was 12,515 tons valued at TZS 150,180.0 (in thousands) increased to 17,297 tons valued at TZS 345,940 (in thousands) 2019.

The largest quantity of the rubble (45.5 percent) worth TZS 157,540 (in thousands) was harvested in February followed by that harvested in January whereby 5,100 tons

(29.5 percent) of rubbles were harvested worth of TZS 102,000.0 (in thousands). The lowest quantity of rubbles was harvested in March where only 4,320 tons (25.0 percent) of the total quarterly harvested was produced valued at TZS 86,400 in thousands.

Table 8: Quantity and Value of Mining and Quarry, First Quarter 2017 and 2019
(Value TZS ‘000’)

Description	2017		2018		2019		Quantity % Change (2018&2019)
	Qty (tons)	Value	Qty (tons)	Value	Qty (tons)	Value	
Stones	18,376	238,888	26,634	346,242	24,360	292,320	-8.5
Sands	169,786	1,103,609	330,535	2,148,477.50	133,983	1,004,873	-59.5
Gravels	13,844	553,760	14,557	582,280.00	8,758	350,320	-39.8
Rubbles	11,231	134,772	12,515	150,180	17,297	345,940	38.2
Lime stone	27,187	54,374	17,690	35,380	14,632	21,948	-17.3
Stone bricks	3,383	1,691.50	3,650	1,825	3,411	30,699	-7

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

Appendix.

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

District	First quarter 2018		First quarter 2019		Quantity % Change
	Quantity(tones)	Value in Million TZS	Quantity (tones)	Value in Million TZS	
Kaskazini " A "	1,216.7	6,219.8	1,219.7	6,525.3	0.2
Kaskazini "B"	227.7	1,157.2	215.1	1,140.4	-5.5
Kati	652.5	3,369.4	695.9	3,695.6	6.7
Kusini	624.9	3,213.4	675.5	3,592.8	8.1
Mjini	2,186.0	11,194.5	1,959.8	10,408.1	-10.3
Magharibi	646.2	3,306.5	679.8	3,610.8	5.2
Micheweni	711.0	3586.0	808.7	4,296.0	13.7
Wete	735.2	3,752.1	692.1	3,670.9	-5.9
Chakechake	667.3	3,436.9	671.0	3,570.1	0.6
Mkoani	1,216.8	6,212.6	1,206.2	6,409.4	-0.9
Total	8,884.3	45,448.3	8,823.9	46,919.4	-0.7

Table 2: Quantity and Value of Seaweed Production, First Quarter 2017 and 2019.
(Value TZS ‘000’)

Type of Seaweeds	2017		2018		2019	
	Ton	Value	Ton	Value	Ton	Value
E. Spinosum	2,076	834,052	2,214	885,522	2,546	1,018,551
E. Cottonni	0	0	52	78,085	78	78,000
Total	2,076	834,052	2,266	963,607	2,624	1,096,551

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

Table 3: Quantity and Value of Clove Purchased First Quarter 2018 and 2019

(Value in TZS Million)

Month	2017		2018		2019		Quantity % Change
	Quantity (tons)	Value	Quantity (tons)	Value	Quantity (tons)	Value	
January	150.3	2,133.00	339	4,722.80	21	292.8	-93.8
February	37.8	526.80	79	1,096.80	6.9	95.5	-91.3
March	13.3	185	34.2	476.4	4.2	58.5	-87.7
Total	201.4	2,844.80	452.1	6,296.00	32.11	446.8	-92.9

Source: Zanzibar State Trading Corporation (ZSTC)

Table 4: Quantity and Value of Clove Stems Purchased First Quarter 2018 and 2019**(Value in TZS thousands)**

Month	2017		2018		2019		Quantity % Change
	Quantity (tons)	Value	Quantity (tons)	Value	Quantity (tons)	Value	
January	27.3	27,308.50	117	117,265.50	0.33	332.5	-99.7
February	9.8	9,820.10	32.1	32,138.50	0.04	37	-99.9
March	2.1	2,132.30	12.5	12,489.50	0.07	67	-99.5
Total	39.2	39,260.9	161.9	161,893.50	0.44	436.5	-99.7

Source: Zanzibar State Trading Corporation (ZSTC)**Table 5: Number of Inspected and Slaughtered Animals, First Quarter 2017 to 2019**

Livestock Type	Q1, 2017	Q1, 2018	Q1, 2019	% Change Q1 2018&2019
Cattle	3,646	3,439	4,892	42.3
Goat	404	406	609	50
Chicken	173,089	92,865	n	
Duck	101	209	n	

Source: Ministry of Agriculture, Natural Resource, Livestock and Fisheries**Table 6: Area Planted (Acre) with Fruits and Vegetable, Estimated Production and Percentage Change - First Quarter 2018 and 2019**

Type of Vegetable	2017		2018		2019		Estimated Production %Change (2018 and 2019)
	Planted Area	Estimated Production	Planted Area	Estimated Production	Planted Area	Estimated Production	
Tomatoes	169.9	305.8	299.3	538.74	286.88	860.6	59.8
Bitter aubergine	80	147.2	96	176.64	57.38	105.6	-40.2
Egg Plant	124	228.2	221.8	408.02	163.13	358.9	-12.0
Ocra	141.9	261.1	277.3	510.23	222	408.5	-19.9
Amaranths	190.6	350.8	222	408.48	347.5	639.4	56.5
Cucumber	97	194	217.5	435	216.25	432.5	-0.6
Watermelon	242.9	2,914.20	219.8	2638	312.5	3750.0	42.2
Sweet pepper	59.1	108.8	92.9	170.97	77.13	141.9	-17.0
Total	1,105.40	4,510.10	1,646.60	5,286.08	1,682.8	6,697.4	26.7

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

Table 7: Quantity and Value of Forest Products, First Quarter 2017 and 2019
(Value TZS '000')

Description	2017		2018		2019		Qty % Change 2018&2019
	Qty	Value	Qty	Value	Qty	Value	
Beam (m ³)	517.8	58,180	446.6	13,000	431	48,472	-3.5
Building Poles (in m ³)	873.8	11,651	798.2	10,643	674.8	9,560	-15.5
Medium Poles (in m ³)	794.7	35,762	783	35,235	799	51,935	2.0
Firewood (in m ³)	6,672.70	293,599	5,475.90	240,940	7,630.50	381,523	39.3
Withes (in m ³)	423.3	56,440	499.4	66,587	579.1	178,185	16.0
Charcoal (in Tons)	480.2	316,954	490.5	323,701	458.4	302,513	-6.5

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

Table 8: Quantity and Value of Mining and Quarry, First Quarter 2017 and 2019
(Value TZS '000')

Description	2017		2018		2019		Quantity % Change (2018&2019)
	Qty (tons)	Value	Qty (tons)	Value	Qty (tons)	Value	
Stones	18,376	238,888	26,634	346,242	24,360	292,320	-8.5
Sands	169,786	1,103,609	330,535	2,148,477.50	133,983	1,004,873	-59.5
Gravels	13,844	553,760	14,557	582,280.00	8,758	350,320	-39.8
Rubbles	11,231	134,772	12,515	150,180	17,297	345,940	38.2
Lime stone	27,187	54,374	17,690	35,380	14,632	21,948	-17.3
Stone bricks	3,383	1,691.50	3,650	1,825	3,411	30,699	-7

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

Vision

To become a “center of Excellence” for statistical production and for promoting a culture of evidence-based policy and decision- making in Zanzibar.

Mission

To coordinating production of official statistics, provide high quality statistical data and information, and promote their use in planning, decision-making, administration, governance, monitoring and evaluation.

For comments and suggestions, please contact:

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