

THE ANNUAL BULLETIN OF AGRICULTURAL STATISTICS, 2023

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Zanzibar Official Statistics Provider

Introduction

The annual bulletin of agricultural statistics plays a crucial role in providing essential information about agricultural production, which is vital for various stakeholders and decision-makers. The collaboration between the Office of the Chief Government Statistician and other sectors demonstrates a commitment to accuracy and thoroughness in data collection and analysis. This kind of comprehensive and reliable information is invaluable for policymakers, researchers, farmers, and others involved in agriculture and related industries. It helps in understanding trends, making informed decisions, and developing strategies to improve agricultural productivity and sustainability.

This bulletin has reached its eighth publication, indicating a longstanding commitment to providing valuable agricultural statistics. This bulletin covers data of 2023 and comparing it to previous years (2022 and 2021) offers valuable insights into trends and changes over time. The inclusion of a wide range of agricultural products and related statistics, such as food and cash crops, fish catches, mining and forest products, livestock numbers, and dairy and poultry production, ensures that stakeholders have a comprehensive understanding of the agricultural sector's performance. This holistic view enables better decision-making and policy formulation to support the agricultural industry's growth and sustainability.

Fish Catches

The quantity of fish caught in 2023 has increased to 80,085 tons, with a total value of TZS 569,080 million. Even though the increase is relatively modest at 0.3 percent compared to 2022, it still represents growth in the sector, which is positive. This growth can be attributed in part to the efforts of the Ministry of Blue Economy, which has expanded the scope of data collection by incorporating more beach sites and establishing new fish markets in Zanzibar. By enhancing data collection and infrastructure, the Ministry has likely improved the accuracy of fish catch statistics and facilitated better market access for fishers, contributing to the sector's overall growth

Estimated Fish Catches by Species

Data on fish type shows, anchovies comprised the largest quantity of catch at 21,827 tons, accounting for 27.3 percent of the total catch. Other notable fish types include other fish (67,256 tons, 10.8 percent) and emperor fish (4,661 tons, 5.8 percent). On the other hand, lobster and sardine recorded the lowest quantities caught in 2023, at 1,688 and 1,982 tons, respectively, representing 2.1 and 2.5 percent of the total catch.

In terms of annual growth rates, kingfish experienced the highest growth at 0.9, followed by anchovies at 0.6 and mackerels at 0.5. Further, yellowfin tuna was the only type to experience a negative growth rate, at -0.1 percent

Table 1: Estimated Fish Catches (tons) and Value by Species, 2021 - 2023 (Value TZS Million)

Fish Groups	2023		2022		2021		Annual Growth rate (2021/22)
	Quantity	Value	Quantity	Value	Quantity	Value	
Spine foot	3,267	31,364	2,490	18,704	2,246	14,206	0.3
Parrot fish	2,967	21,316	2,407	15,038	1,729	8,689	0.2
Emperors	4,661	35,228	3,899	27,208	3,074	20,051	0.2
Groupers	2,557	18,187	2,126	15,063	853	5,407	0.2
Goat fish	2,434	15,672	2,237	15,555	1,258	7,359	0.1
Surgeon fishes	2,521	19,377	2,348	14,296	1,431	6,615	0.1
Mulletts	2,181	13,530	1,846	12,755	136	1,031	0.2
Anchovies	21,827	93,303	13,937	52,908	13,433	43,590	0.6
Sardine	1,982	12,266	1,561	8,625	1,431	5,591	0.3
Mackerels	4,390	26,820	2,927	17,868	2,398	13,694	0.5
Travellys	2,801	24,454	2,502	17,272	1,447	8,763	0.1
Yellow fin tuna	3,724	32,689	4,312	30,575	2,597	15,504	-0.1
Sword fish	2,183	20,054	2,143	15,363	1,202	7,588	0
King Fish	3,427	32,880	1,823	16,465	1,066	7,399	0.9
Barracuda	3,522	22,497	2,555	17,099	1,123	6,256	0.4
Sharks/Rays	2,152	15,068	2,012	12,334	1,476	7,728	0.1
Octopus/Squid	3,174	30,577	2,071	16,456	2,065	14,454	0.5
Lobsters	1,688	36,540	1,430	19,445	136	918	0.2
Others	8,628	67,256	7,166	48,341	8,010	42,306	0.2
Total	80,085	569,080	61,794	391,370	47,111	237,148	0.3

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Table 2 below shows that, the highest quantity of fish caught in 2023 were recorded in Mjini district (14.2 percent) with 11,394 tons valued at TZS 92,532 million followed by Mkoani district (13.2 percent) with 10,546 tons, valued at TZS 69,397 million and Magharibi 'A&B' (12.1 percent) with 9,683 tons valued at 72,188 million. The least district for fish caught was recorded in Kusini district (6.9 percent) with total quantity of 5,564 tons, valued at TZS 37,639 million.

Table 2: Estimated Fish Catches (Quantity and Value) by District, 2021 to 2023, Quantity in Tones

Districts	2023		2022		2021		Percentage Quantity
	Quantity	Value	Quantity	Value	Quantity	Value	
Kaskazini 'A'	8,525	59,408	5,437	34,875	8,573	54,253	10.6
Kaskazini 'B'	7,052	49,408	5,108	32,959	6,178	31,479	8.8
Kati	6,591	48,568	5,746	36,897	3,418	16,837	8.2
Kusini	5,564	37,639	4,102	24,069	2,502	14,933	6.9
Mjini	11,394	92,532	10,150	70,649	5,834	30,353	14.2
Magharibi "A"&"B"	9,683	72,188	7,943	51,814	7,054	31,686	12.1
Micheweni	8,009	53,503	6,194	37,050	2,769	12,672	10.0
Wete	6,789	45,230	3,790	22,883	2,856	9,597	8.5
Chakechake	5,932	41,208	4,113	25,386	1,604	6,387	7.4
Mkoani	10,546	69,397	9,211	54,789	6,323	28,951	13.2
Total	80,085	569,081	61,794	391,370	47,111	237,148	100

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Cash Crops

Clove

In 2023, the quantity purchased was 2,654.6 tons, valued at TZS 37,980.7 million. This marked a significant decrease of 44.0 percent compared to the 2022 purchase, which was 4,734.1 tons. No production data was reported for July 2023, similar to the previous year. The highest purchases were in December (878.4 tons, 33.1 percent) and September (491.8 tons, 18.5 percent). The lowest purchases were in June (2.5 tons, 0.1 percent), March (10.1 tons, 0.4 percent), April (2.9 tons, 0.2 percent), and May (2.9 tons, 0.1 percent).

Clove Stems

In 2023, the quantity of clove stem purchased was 554.4 tons, with a total value of TZS 831.5 million. This marked a decrease of 27.9 percent compared to its purchase in 2022 (768.8 tons) and a significant decrease of 66.7 percent compared to the corresponding year of 2021 (1,664.6 tons). These numbers indicate a notable decline in both the purchase of cloves and clove stems in 2023 compared to previous years.

Sea weeds

The total production of seaweed for the year 2023 was 16,652.80 tons worth 16,514,806.00 million, the production increased by 32.2 percent compared in 2022. Also increased by 58.1 percent compared in 2021. Out of the total quantity of seaweeds produced in 2023, (97.1 percent was *Eucheuma spinosum* seaweeds, 2.7 percent was *Ulva* seaweed and 0.2 percent was *Eucheuma cottonii*.

In general, the quantities of cloves and consequently clove stems has been fluctuating over years, reflecting to seasonality in production of the crop, while that of seaweed has been continuously changing between year to year due to climatic change and other factors (Table 4).

Table 3: Quantity and Value of Clove Purchased 2021 to 2023 (Value in TZS Million)

Month	2023		2022		2021		Percentage Quantity
	Quantity	Value	Quantity	Value	Quantity	Value	
Jan	59.3	818.6	608.1	8,205.00	0	0	2.2
Feb	18.6	255.9	211.4	2,845.60	0	0	0.7
Mar	10.1	137.9	43.5	579.3	0	0	0.4
Apr	2.9	39.6	19.7	262.7	0	0	0.1
May	2.9	40.1	7.9	106	0	0	0.1
Jun	2.5	32.9	6.6	89.6	0	0	0.1
Jul	-	-	-	-	562.9	7,318.4	0.0
Aug	225.3	3,201.7	954.5	12,434.5	2,998.8	38,938.9	8.5
Sep	491.8	7,107.8	1,781.4	23,568.2	2,407.7	31,216.1	18.5
Oct	584	8,359.0	793.2	10,825.5	1,083.1	14,194.7	22.0
Nov	378.9	5,147.8	225.1	3,097.0	489.7	6,434.0	14.3
Dec	878.4	12,839.3	82.7	1,132.5	298.6	3,928.7	33.1
Total	2,654.6	37,980.7	4,734.1	63,145.8	7,840.8	102,030.9	100

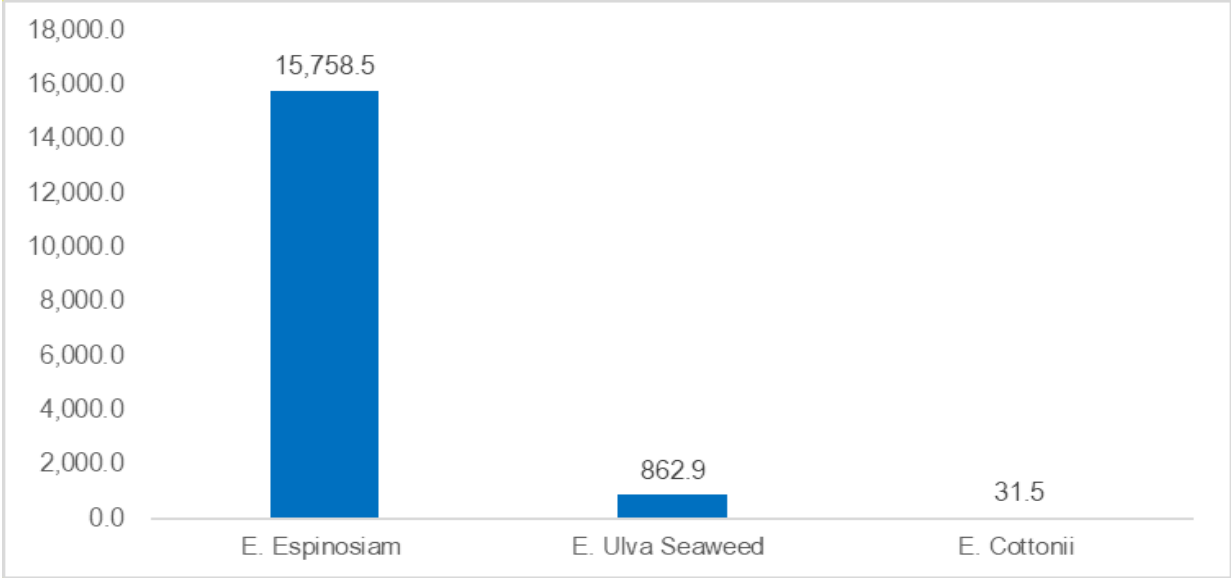
Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Table 4: Quantity and Value of Main Cash Crops Produced, 2021 to 2023 (Value TZS Million)

Crop	2023		2022		2021	
	Quantity	Value	Quantity	Value	Quantity	Value
Cloves	2,654.7	37,980.7	4,734.1	63,145.8	7,840.8	102,030.9
Clove Stem	554.4	831.5	768.8	1,153.2	1,664.6	2,496.3
Seaweed	16,652.8	16,514,806.0	12,593.8	10,054.5	10,530.8	6,402.8

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Figure 1: Production of Seaweeds by Species, 2023



Inspected and Slaughtered Animals

The number of cattle inspected and slaughtered in 2023, increased by 15.2 percent compared to 2022, rising from 27,326 to 29,851 cattle. This growth also reflected an increase of 9.2 percent from the 25,916 cattle recorded in 2021. Similarly, the number of goats saw a substantial 84 percent increase compared to 2022.

Sheep numbers in 2023 reached 273, marking a more than 100 percent increase over the previous year. Ducks also experienced growth, with their numbers rising by 33.3 percent from 2,150 in 2022 to 2,865 ducks in 2023.

A notable surge was seen in the number of inspected and slaughtered chickens, jumping from 1,130,891 in 2022 to 1,161,238 in 2023, representing a 2.7 percent increase. This figure also marked a significant 54.6 percent increase from the 751,073 recorded in 2021. The rise in chicken slaughter was largely attributed to the completion of renovations at the poultry slaughterhouse in Darajani market, facilitating the return to normal day-to-day slaughtering activities **(Table 5)**

Table 5: Number of Inspected and Slaughtered Animals, 2021 to 2023

Livestock/Poultry Type	2023	2022	2021	Growth rate
Cattle	29,851	27,326	25,916	0.1
Goat	13,704	4,416	7,447	2.1
Sheep	273	49	29	4.6
Chicken	1,161,238	1,130,891	751,073	0.0
Duck	2,865	2,150	3,193	0.3

Source: *Statistical Abstract 2023, Office of the Chief Government Statistician*

Production of Eggs

In 2023, the total number of eggs produced amounted to 26,633,465. This production was distributed across all districts, with Magharibi A reporting the highest number of eggs at 16,451,970 (61.8 percent), followed by Magharibi B with 3,333,491 eggs (12.5 percent), and Kaskazini A with 2,188,755 eggs (8.2 percent). Conversely, the lowest production was observed in Micheweni district, contributing 93,641 eggs (0.35 percent), and Mjini district with 116,700 eggs, equivalent to 0.44 percent of the total production.

Monthly variations in egg production were also noted, with the highest production occurring in January, accounting for 2,918,817 eggs (11.0 percent), followed by the production in February with 2,715,558 eggs (10.2 percent), and December with 2,405,530 eggs (9.0 percent). Conversely, the lowest production was recorded in July, with 1,762,954 eggs, representing 6.6 percent of the total production (**Table 6**).

Table 6: Total Eggs Production (Number) by District, 2023

Districts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Kaskazini 'A'	287,550	295,200	97,500	243,000	296,100	35,100	57,600	48,600	7,455	211,050	305,400	304,200	2,188,755
Kaskazini 'B'	32,580	5,100	32,670	60,000	44,460	272,190	65,070	37,230	1,658	57,600	85,290	75,930	769,778
Kati	27,000	15,120	10,080	33,600	9,900	10,800	10,800	20,160	68,880	270	10,800	9,000	226,410
Kusini	169,128	169,171	169,153	169,780	169,518	169,301	169,236	169,638	72,090	63,345	63,357	406,445	1,960,162
Magharib A	1,873,950	1,792,350	1,647,420	1,496,100	1,389,600	1,376,700	1,306,200	1,274,100	1,103,700	1,115,100	1,176,000	900,750	16,451,970
Magharib B	375,060	314,160	66,090	76,456	256,855	247,290	20,400	243,930	247,440	548,730	343,200	593,880	3,333,491
Mjini	21,060	2,310	720	7,320	19,590	18,000	-	-	-	4,800	13,200	29,700	116,700
Wete	63,060	45,150	56,790	67,380	85,800	84,925	81,600	80,100	75,600	73,500	81,760	63,000	858,665
Micheweni	3,868	3,140	3,330	2,697	8,026	19,950	7,980	11,880	12150	7,650	6,100	6,870	93,641
Chake Chake	51,090	48,900	49,920	62,640	70,950	37,200	33,120	28,380	988	44,100	44,850	1,625	473,763
Mkoani	14,471	24,957	13,248	12,993	14,822	10,948	10,948	18,524	1,209	11,937	11,943	14,130	160,130
Total	2,918,817	2,715,558	2,146,921	2,231,966	2,365,621	2,282,404	1,762,954	1,932,542	1,591,170	2,138,082	2,141,900	2,405,530	26,633,465

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Cow Milk Production

According to data on cow milk production, Zanzibar reported a total of 2,700,646 liters of milk in 2023 (**Figure 1**), marking a significant decrease of 48.7 percent compared to the previous year, which saw 5,266,987 liters produced in 2022.

Magharibi 'A' district recorded the highest quantity of cow milk at 1,415,660 liters, accounting for 52.4 percent of the total production. Followed by Magharibi 'B' district with 340,890 liters (12.6 percent), and Chakechake with 216,259 liters (8 percent). The lowest cow milk production in 2023 was reported in Micheweni and Kusini districts, each contributing 1.1 percent of the total, with quantities of 30,325 and 30,885 liters, respectively (**Table 7**).

Figure 1: Production of Cow Milk by District, 2023

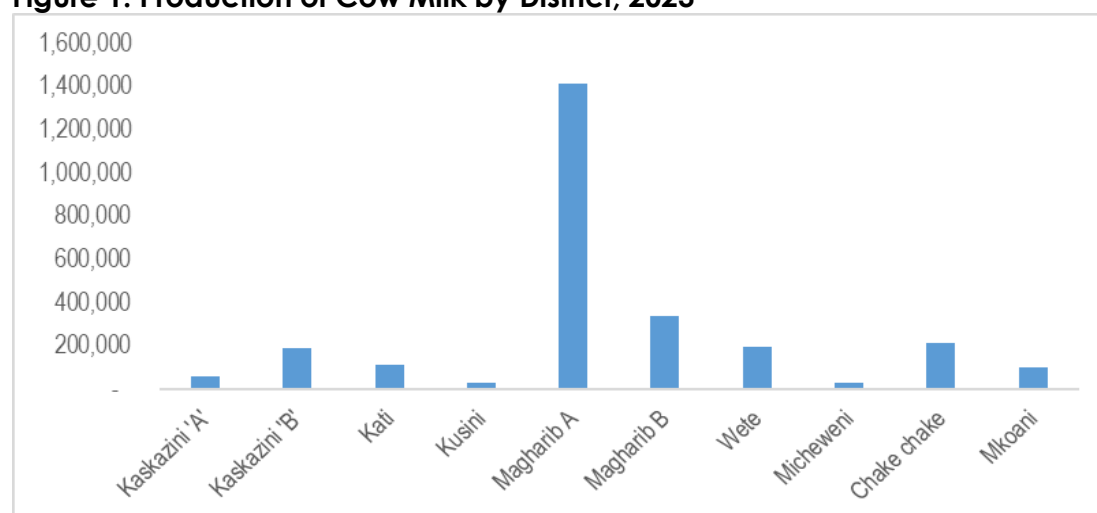


Table 7: Milk Production in Liters by District, 2023

Region	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Kaskazini 'A'	6,079	7,121	1,142	6,810	2,856	4,764	6,592	7,351	6,540	5,667	1,700	5,150	61,772
Kaskazini 'B'	12,150	10,563	6,811	23,282	8,467	11,002	17,131	17,557	34,494	17,927	17,831	12,305	189,520
Kati	13,036	10,141	7,980	8,752	9,660	9,868	12,460	2,026	11,228	16,380	9,868	6,126	117,525
Kusini	1,950	2,021	2,521	2,558	2,566	2,571	2,071	2,608	2,552	2,662	3,403	3,402	30,885
Magharib A	138,843	131,353	130,861	126,388	121,453	118,542	121,029	117,811	106,984	99,982	102,942	99,472	1,415,660
Magharib B	35,640	67,872	9,148	34,740	34,065	18,220	13,932	15,155	22,634	26,506	42,776	20,202	340,890
Wete	21,300	12,225	16,620	17,145	17,385	14,220	18,780	18,285	15,750	14,685	15,900	13,290	195,585
Micheweni	460	475	1,200	1,224	2,016	3,420	3,700	3,432	3,348	3,960	3,840	3,250	30,325
Chake chake	19,880	16,954	16,955	16,620	18,420	20,600	19,050	21,725	18,810	13,915	15,570	17,760	216,259
Mkoani	10,485	9,780	8,505	8,085	7,995	5,700	5,700	7,950	10,005	9,375	8,955	9,690	102,225
Total	259,823	268,505	201,743	245,604	224,883	208,907	220,445	213,900	232,345	211,059	222,785	190,647	2,700,646

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Area Planted by Major Food Crops

In 2023, the total area allocated for cultivating various food crops, fruits, and vegetables amounted to 122,514.20 acres. Among these, the predominant share of 101,134.60 acres (82.5 percent) was devoted to food crop production, while the remaining 17.5 percent (21,379.60 acres) was allocated for growing fruits and vegetables.

Within the food crop segment, cassava cultivation occupied the largest portion, utilizing 37,548.90 acres (37.1 percent) of the total planted area. Following closely by paddy, with 29,519.50 acres (29.2 percent), of which 25,591.30 acres were dedicated to rain-fed Paddy and 3,928.20 acres to irrigated Paddy. Bulrush millet had the smallest share, utilizing 386.3 acres (0.4 percent) of the total area designated for major food crops.

The trend indicates an overall increase in the planted area for major crops compared to the preceding year, as outlined in **Table 8**.

Table 8: Area Planted (acre) by Major Food Crops, 2021 – 2023

Crops	2023	2022	2021	Percentage
Maize	6,294.2	3,002.3	3,255.8	6.2
Sorghum	744.0	608.5	367.0	0.7
Paddy (Rain feed)	25,591.3	26,243.0	25,383.6	25.3
Paddy (Irrigation)	3,928.2	2,843.0	2,788.8	3.9
Cassava	37,548.9	34,500.8	30,948.6	37.1
Banana	8,664.4	6,085.7	7,104.0	8.6
Sweet potatoes	7,702.1	5,755.1	5,259.0	7.6
Yams	1,848.3	1,338.4	1,549.3	1.8
Tania	1,192.3	1,008.5	1,148.1	1.2
Groundnuts	1,454.3	1,300.5	775.0	1.4
Pigeon peas	850.8	663.3	497.3	0.8
Cowpeas/ Green grams	3,509.6	2,479.8	2,547.0	3.5
Finger millet/Bulrush	386.3	203.5	200.5	0.4
Pumpkin	1,420.0	592.3	296.9	1.4
Total	101,134.6	86,624.7	82,120.6	100.0

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Tons and Value of Various Food Crops Production

In 2023, a total of 421,638.8 6 tons of food crops, valued at TZS 440,583.5 million, were harvested. This marked a 23.2 percent increase compared to 342,180.70 tons reported in 2022 and 28.4 percent surge from 2021's production of 328,495.20 tons.

Cassava took the lead in production, contributing 220,411.8 tons, which accounted for 52.3 percent of the total output, valued at TZS 167,920 million. Followed by banana production, representing 17.7 percent of the total, with a value of TZS 139,509 million. Sweet potatoes followed, contributing 53,914.4 tons (12.8 percent) and valued at TZS 44,464.1 million. Paddy production stood at 43,658.90 tons (10.4 percent), valued at TZS 42,500.40 million, with 36,362.40 tons sourced from rain-fed fields and 7,296.50 tons from irrigated areas.

Other crops such as maize, pigeon peas, cowpeas/green gram, groundnuts, and bulrush millet each represented less than 1.0 percent of the total production. Bulrush millet had the lowest production among the main food crops, with 77.3 tons (0.02 percent), valued at TZS 137.9 million.

Table 9: Tons and Value of Various Food Crops Production, 2021–2023 (Value TZS Million)

Crop	2023		2022		2021	
	Tons	Value	Tons	Value	Tons	Value
Maize	3,147.1	1,975.7	1,501.2	1,303.1	1,627.9	1,382.7
Sorghum	282.7	726.6	231.2	553.8	139.5	326.9
Paddy (Rain feed)	36,362.4	32,707.0	23,683.0	24,069.4	25,511.0	25,369.1
Paddy (Irrigation)	7,296.5	9,793.4	4,264.5	5,347.1	4,842.0	5,940.5
Cassava	220,411.8	167,920.0	202,519.5	143,792.0	181,668.0	126,210.5
Banana	74,514.1	139,509.0	52,337.3	70,169.8	61,094.4	80,147.4
Sweet potatoes	53,914.4	44,464.1	40,285.9	30,964.1	36,812.8	27,685.6
Yams	9,241.3	11,003.3	6,692.0	7,425.9	7,746.3	8,410.8
Tania/Cocoyam	4,554.4	7,513.5	3,852.5	5,923.2	4,385.9	6,598.2
Groundnuts	698.0	1,500.2	624.2	1,250.2	372.0	729.0
Pigeon peas	2,748.3	5,341.6	2,142.5	3,880.8	1,606.1	2,846.6
Cowpeas/ Green gram	1,659.7	11,211.2	1,198.8	2,058.0	1,242.1	2,086.4
Bulrush Millet	77.3	137.9	40.7	67.7	40.1	65.3
Pumpkins	6,730.9	6,780.0	2,807.4	2,635.5	1,407.2	1,292.6
Total	421,638.8	440,583.5	342,180.7	299,440.7	328,495.2	295,306.7

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Fruits and Vegetable Production

In 2023, the combined production of fruits and vegetables amounted to 87,970.69 tons. Watermelon production led the pack, totaling 23,403 tons, constituting 26.6 percent of the overall fruits and vegetable output. Following closely were pawpaw (14,506.5 ton, 16.5 percent), pineapples (14,352.3 tons, 16.3percent) and tomatoes (14,489.4 tons, 16.5 percent) Sweet peppers recorded the lowest production at 2,551.98 tons, representing 2.9 percent of the total.

The district with the highest production was Kaskazini A (36,149.34 tons, 41.1 percent), followed by Kaskazini B with 16,649.95 tons (18.9 percent), and Kati district with 7,320.05 tons (8.3 percent). Magharibi B district reported the lowest production at 1,467.26 tons, constituting 1.7 percent of the total fruits and vegetables produced.

The total area devoted to fruit and vegetable cultivation in 2023 was 21,379.6 acres, accounting for 17.5 percent of the total agricultural land used for various crops, fruits, and vegetables (122,514.2 acres). This distribution was observed across all districts, with Kaskazini A occupying the largest share at 44.3 percent, covering 9,471.6 acres, followed by Kaskazini B with 3,350 acres (15.7 percent) and Kati district with 1,939.4 acres (9.1 percent). Magharibi B district had the least area planted at 483 acres, constituting 2.3 percent of the total planted area. **(Table 10)**

Table 10: Area Planted with Fruits and Vegetable by District 2023

Table 10: Area Planted with Fruits and Vegetable by District 2023							Acre				
Crop	Kaskazini 'A'	Kaskazini 'B'	Kusini Unguja	Kati	Magharibi 'A'	Magharibi 'B'	Wete	Micheweni	Chake Chake	Mkoani	Total
Papaw	638.5	291	97.1	140.8	28.2	13.3	0	0	0	0	1208.9
Pine apples	775.3	795.8	0	2	4	1.3	0	2	51.8	760	2392.1
Tomatoes	1833.5	404.5	382.8	669.5	98.3	121.3	426.5	179.5	626.5	87.5	4829.8
Bitter aubergine	1037.3	194.3	14.8	110	55.5	26.5	2	0.5	3.5	32.3	1476.5
Egg Plant	961	312.3	59.1	164.3	96.3	51.8	142.8	53.3	71	35.3	1946.9
Okra	1313.5	303.3	72.8	251.9	133.5	86	0.5	0	30	33	2224.4
Amaranths	1040.3	191.5	36.3	112	178	73.5	293	146.3	51	85	2206.8
Cucumber	593.3	350.3	33.4	138	194.8	63.8	256	66.8	23.5	37.5	1757.2
Watermelon	634	352.5	112.3	143.6	25	26.5	295.5	201.5	94	65.8	1950.3
Sweet pepper	645	154.8	90.9	207.8	88.8	19.3	10	61.5	48	61	1386.9
Total	9,471.60	3,350.00	899.4	1,939.40	902.3	483	1,426.30	711.3	999.3	1,197.30	21,379.60
Percentage	44.3	15.7	4.2	9.1	4.2	2.3	6.7	3.3	4.7	5.6	100.1

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Table 11: Production of Fruits and Vegetable by District 2023

Table 11: Production of Fruits and Vegetable by District 2023									Tons		
Vegetable type	Kaskazini 'A'	Kaskazini 'B'	Kusini	Kati	Magharibi 'A'	Magharibi 'B'	Wete	Micheweni	Chake Chake	Mkoani	Total Production (tons)
Papaw	7,662.00	3,492.00	1165.5	1689	339	159	0	0	0	0	14,506.50
Pine apples	4,651.80	4,774.50	0	12	24	7.5	0	12	310.5	4560	14,352.30
Tomatoes	5,500.50	1,213.50	1148.49	2,008.41	294.75	363.75	1,279.50	538.5	1,879.50	262.5	14,489.40
Bitter aubergine	1908.54	357.42	27.14	202.4	102.12	48.76	3.68	0.92	6.44	59.34	2,716.76
Egg Plant	2,114.20	686.95	130.02	361.35	211.75	113.85	314.05	117.15	156.2	77.55	4,283.07
Okra	2,416.84	557.98	133.86	463.5144	245.64	158.24	0.92	0	55.2	60.72	4,092.91
Amaranths	1,914.06	352.36	66.7	206.08	327.52	135.24	539.12	269.1	93.84	156.4	4,060.42
Cucumber	1186.6	700.5	66.75	276	389.5	127.5	512	133.5	47	75	3,514.35
Watermelon	7,608.00	4,230.00	1,347.00	1719	300	318	3,546.00	2,418.00	1,128.00	789	23,403.00
Sweet pepper	1186.8	284.74	167.302	382.2968	163.3	35.42	18.4	113.16	88.32	112.24	2,551.98
Total	36,149.34	16,649.95	4,252.76	7,320.05	2,397.58	1,467.26	6,213.67	3,602.33	3,765.00	6,152.75	87,970.69

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Forest Resource

Forest and woody resources hold significant importance in the daily lives of Zanzibar's populace, serving as vital sources of energy for cooking, building materials, tourism, fodder, water catchments, wildlife habitats, and fish breeding grounds.

Utilization of Forest Resources

Regarding the utilization of forest resources in 2023, data indicates a notable increase in beam production, rising by 17.0 percent (2,053.5 m³) compared to 2022's production of 1,741.1 m³. This growth represents a substantial 44.4 percent increase from the 1,422.4 m³ recorded in 2021. Similarly, charcoal production saw an uptick of 9.5 percent, reaching 2,128.2 m³ compared to 2022's 1,943.6 m³, and a 17.9 percent increase compared to 2021's 1,805.1 m³.

However, the production of building poles witnessed a significant decline in 2023, plummeting by 63 percent to 1,091.7 m³ from 2022's 2,947.9 m³, and a 64.8 percent drop compared to 2021's 3,098.2 m³. Medium poles and withes also experienced decreases of 29.8 percent (2,084.80 m³) and 41.9 percent (1,091.70 m³), respectively, compared to 2022, and declines of 29.5 percent and 46.7 percent, respectively, compared to 2021.

The production of firewood in 2023 saw a slight decrease of 1.2 percent to 25,909.70 m³ compared to 2022's 26,236.60 m³, while registering a marginal increase of 0.4 percent compared to 2021's 25,813 m³ (**Table 13**).

Table 13: Quantity and Value of Forest Products, 2021 - 2023 (Value TZS '000')

Description	Unit	2023		2022		2021	
		Quantity	Value	Quantity	Value	Quantity	Value
Beam (Boriti)	M ³	2,053.50	225.9	1741.1	195.6	1,422.4 0	159.8
Building Poles (Nguzo)	M ³	1,091.70	54.6	2947.9	98.3	3,098.2 0	103.3
Medium Poles (Mapau)	M ³	2,084.80	225.9	2,970.00	237.6	2,956.2 0	236.5
Firewood (Kuni)	M ³	25,909.7 0	113.2	26,236.6 0	1,836.6 0	25,813	1,806.9 0
Withes (Fito)	M ³	1,091.70	5.5	1,878.00	939	2,046.3 0	1,023.1 0
Charcoal (Makaa)	Tons	2,128.20	1,702.6 0	1,943.60	1,360.6 0	1,805.1 0	1,263.5 0

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Production of Forest, Fruits and Species Seedlings

A total of 1,117,005 seedlings were produced in the year 2023 which is lower by 21.2 percent compared with 1,416,853 seedlings recorded in 2022, Similar decrease by 22.8 percent compared with seedling recorded in 2021(1,447,183). From the total seedlings produced in 2023; 765,578 seedlings were forest trees seedlings presenting 68.5 percent of the total seedlings produced, clove tree seedlings accounted for 13.2 percent of the total production. Whilst, fruits and species seedlings account for only 18.2 percent of the total seedlings produced in the country for the year 2023.

Seedlings production from Government tree seedling nurseries accounted of percent 37.8 (422,400 seedlings) of the total annual production and only 62.2 percent (694,605 seedlings) from Private nurseries. The largest quantity of seedlings produced from both Government and Private nurseries were forest tree seedlings of which the Government nurseries account 32.4 percent of the total forest tree seedlings production and 67.6 percent from the Private nurseries **(Table 14)**.

In 2023, a total of 1,117,005 seedlings were produced, marking a decrease of 21.2 percent compared to the 1,406,153 seedlings recorded in 2022. This decline was also evident when compared to the 1,447,183 seedlings reported in 2021, reflecting a similar decrease of 22.8 percent.

Of the total seedlings produced in 2023, 765,578 seedlings were forest tree seedlings, constituting 68.5 percent of the total. Clove tree seedlings accounted for 13.2 percent, while fruit and species seedlings made up only 18.2 percent of the total seedlings produced.

Government tree seedling nurseries contributed 37.8 percent (422,400 seedlings) to the total annual production, whereas private nurseries accounted for 62.2 percent (694,605 seedlings). Both government and private nurseries predominantly produced forest tree seedlings, with government nurseries contributing 32.4 percent of the total forest tree seedlings production, and private nurseries accounting for 67.6 percent **(Table 14)**.

Table 14: Number of Nurseries Seedling Production, 2021– 2023

Type of Seedlings		2023	2022	2021
Forest	Government	247,795	400,430	530,942
	Private	517,783	531,530	616,831
	Total	765,578	931,960	1,147,773
Clove Tree	Government	147,877	141,306	0
	Private	0	108,150	7,000
	Total	147,877	249,456	7,000
Fruits and species	Government	176,822	100,997	40,410
	Private	26,728	123,740	252,000
	Total	203,550	224,737	292,410
Total	Government	572,494	642,733	571,352
	Private	544,511	763,420	875,831
	Total	1,117,005	1,406,153	1,447,183

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

Mining and Quarry Production

Data on mining products reveals significant increases in production of all of the mining products. The production of stones increased from 141,342 tons recorded in 2022 to 265,212 in 2023, presenting an increase of 87.6 percent, sand production increased by 55.3 percent, gravel by 78.4 percent among others. The production of mining product has also increased tremendously as compared to its production in 2021. The production of the mines is caused by the on-going major constructions in the country. **(Table 15).**

Table 15: Production of Quarry Product, 2021 – 2023 Value (TZS Million)

Year	Unit	Stone	Sand	Gravels	Rubbles	Limestone	Stone bricks
2023	Quantity	273,010.0	1,670,609.0	136,958.0	417,275.0	58.0	10,977
	Value	1,774.6	10,977.1	859.5	2,696.5	8.3	71.4
2022	Quantity	141,342.0	1,069,004.0	74,106.0	131,017.0	26.6	10,936.0
	Value	2,120.1	7,055.6	3,853.5	2,620.3	66.6	71.1
2021	Quantity	145,341.0	732,159.0	64,113.0	167,393.0	27.0	10,713.0
	Value	2,180.0	5,491.0	509.0	1,088.0	67.0	70.0

Source: Statistical Abstract 2023, Office of the Chief Government Statistician

STATEMENTS

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

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