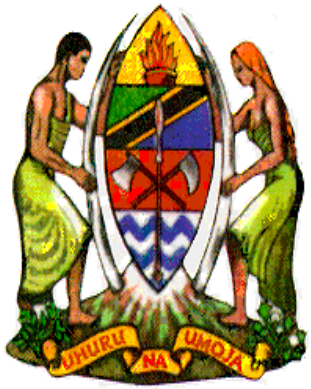

UNITED REPUBLIC OF TANZANIA

MINISTRY OF LIVESTOCK AND FISHERIES

THE ANNUAL FISHERIES STATISTICS REPORT (JANUARY- DECEMBER) 2020

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1.0 INTRODUCTION

1.1 Overview of the Tanzania Fisheries Potential

Tanzania is a coastal state on the Western Indian Ocean situated in the Eastern part of Africa which has blessed with natural water resources ranges from inland to marine waters. Tanzania shares three major inland great lakes in Africa of Lake Victoria (shared by Kenya and Uganda), Lake Tanganyika and Lake Nyasa and other minor lakes, rivers, dams, ponds and wetlands. The country also has a coastline of about 1,242 kilometer long extending from North bordering with Kenya to South bordering with Mozambique. It has a territorial marine water of about 64,000 square kilometers and an Exclusive Economic Zone of 223,000 square kilometers. The distribution of major and minor water bodies in the country and its fisheries resource potential is as shown in the Table1 & 2 below. Water resources below host a numerous of fish species.

Table 1: The Distribution of water resources and estimated fisheries potential

Water body	**Total Area (km^2)**	**Tanzanian share (area in km^2)**	**Coverage (%)**	**Estimated Fisheries Resource Potential (Tones)**
Lake Victoria	68,800	35,088	51	3,465,913
Lake Tanganyika	32,900	13,489	41	295,000
Lake Nyasa	30,800	5,760	20	168,000
Marine (Territorial sea)	64,000	64,000	100	30,000
EEZ	223,000	223,000	100	100,000
Other inland water bodies	5,000	5,000	100	Unknown
Total				4,058,913

Table 2: Distribution of Major and minor water bodies

Type of Water Body	Water Body	Region
Major Water Bodies	Indian Ocean	Mtwara,Lindi,DSM,Coast and Tanga
	Lake Victoria	Mwanza,Kagera and Mara
	Lake Tanganyika	Kigoma and Rukwa
	Lake Nyasa	Mbeya,Ruvuma and Iringa
	Lake Rukwa	Mbeya and Rukwa
Minor Water Bodies	Mtera Dam	Dodoma and Iringa
	Nyumba ya Mungu	Moshi and Arusha
	Lake Babati	Manyara
	Lake Basuto	
	Lake Kidawashi	
	Lake Kimotoro	
	Lake Tlawi	Arusha
	Lake Eyasi	
	Lake Natroni	
	Nondwa Dam	Dodoma
	Bahi Dam	
	Hombolo Dam	
	Kisaki Dam	
	Lake Kitangiri	Singida
	Mgori Dam	
	Mianji Dam	
	Chibumagwa Dam	
	Lake Singidani	
	Lake Kindai	
	Lake Kibwi	
	Igombe River	Tabora
	Ugala River	
	Maboha River	
	Shela River	
	Mwamapuli River	
	Sola Dam	Shinyanga

	Mhumbu Dam	
	Ning'wa Dam	
	Songwa Dam	
	Mwadui Dam	
	Igundu Dam	
	Kihanga Dam	
	Ngwazi Dam	
	Nzivi Dam	Iringa
	Mara River	
	Lubanda River	
	Kiarano Dam	Mara
	Simiyu River	
	Mirongo River	
	Malya Dam	Mwanza
	Lake Ikimba	Kagera
	Ruvuma River	
	Ruhusu River	Ruvuma
	Malagarasi River	
	Luche River	
	Nguluka Dam	Kigoma
	Kyungululu Dam	
	Mbaka River	
	Ruhuhu River	
	Songwe River	
	Kiwira River	Mbeya
	Lukuledi River	
	Matandi River	
	Mbwemkulu River	
	Umba River	Lindi
	Rufiji River	
	Wami River	
	Ruvu River	
	Lake Mteke	Pwani

	Lake Nyatupa	
	Lake Uba	
	Lugongwe Dam	
	Weme Dam	
	Luwe Dam	
	Ilu Dam	
	Zumbi Dam	
	Umwe Dam	
	Lungola Dam	
	Pangani River	
	Buhuli Dam	
	Zigi Dam	Tanga
	Mindu Dam	
	Kidatu Dam	
	Kilombero River	
	Mgeta River	
	Mkata River	
	Ruhuhu River	Morogoro

1.2 Importance of the Fisheries Sector

The mentioned water resources harbor numerous fish species of great importance in proving food security and nutrition. It also offers an opportunity for fish farming and trade within and outside the country. The list of important fish species is as shown in the table 3 and 4 below.

Table 3: List of potential exploited Fish Species in Marine Territorial Water

No.	Common /English Name	Latin /Scientific Name	Swahili Name	Habitat Classification
1.	Thumbprint emperor	*Lethrinus rhodopterus*	Changu	Reeef fish
2.	Peacock grouper	*Cephalopholis argus*	Chewa	Reef fish
3.	Yellowfin fusilier	*Caesio xaenithonotus*	Mbono	Reef Fish
4.	Dogtooth tuna	*Gymnasada nuda*	Jodari	Tuna and Tuna likes
5.	Slender silver-biddy	*Gerres oblongus*	Chaa	Coral reef
6.	Giant tiger prawn	*Penaeus bubulus*	Kamba mti	Blackish water
7.	Ornate spiny lobster	*Panulirus ornatus*	Kamba koche	Coral reef
8.	Blue- tail mullet	*Oedalechilus kesteveni*	Mkizi	Colar Reef
9.	Freckled gotfish	*Upeneus oligospirus*	Mkundaji	Medium Pelagic
10.	Japanese threadfin bream	*Nemipterus japonicus*	Koana	Medium Pelagic
11.	White-spotted octopus	*Octopus chromatus*	Pweza	Colar reef
12.	East African sardinella,	*Sardinella neglecta*	Dagaa-papa	Small pelagic
13.	Carolines parrotfish	*Carrotomus spinidens*	Pono	Bottom dwellers
14.	King fish	*Scomberomorus plurilineatus*	Nguru	Tuna and Tuna likes
15.	Indian Mackerel	*Restrelliger chrysozonus*	Vibua	Small pelagic
16.	Indian Squids	*Loligo duvauceli*	Ngisi	Colar reef
17.	Silky shark	*Carcharinus falciformis*	Dagaa-Papa	Small pelagic
18.	Commerson's anchony	*Anchoviella commersonii*	Dagaa-mcheli	Small Pelagic
19.	White–spotted spine foot	*Siganus oramin*	Tasi	Reef fish
20.	Obtuse barracuda	*Sphyraenella chrysotaenia*	Msusa/Mzia	Tuna and likes
21	Tille travelly	*Caranx cynodon*	Kolekole	Tuna and likes
22	Sleek unicornfish	*Naso hexacanthus*	Puju	reef fish

23	Giant catfish	*Arius serratus*	Hongwe	Medium Pelagics (Blackish water)
24	Milk fish	*Chanos chanos*	Mwatiko	Medium Pelagics (Blackish water)
25	White-fin Wolf herring	*Chirocentrus dorab*	Mkonge	Medium Pelagics (Blackish water)
26	Cock grunter	*Pomadasys multimaculatum*	Karamamba	Medium Pelagics (Blackish water)
27	Black- barred halfbeak	*Hemiramphus commersoni*	Chuchunge	
28	Sword fish	*Xiphias gladius*	Nduwaro	Tuna and tuna likes
29	Unicorn leatherjacket	*Alutera monoceros*	Kikande	colar reef
30	Cobia	*Rachycentron canadum*	Songoro	Tuna and likes
31	Feathertail stringray	*Hypolophus sephen*	Taa	bottom dwellers
32	Jarbua terrapin	*Holocentrus servus*	Kui	Medium Pelagics (Blackish water)
33	Bengal snapper	*Lutjanus bengalensis*	Janja	Medium Pelagics (Blackish water)

Table 4: List of the potential exploited fish Species in Inland water

No.	Common / FAO Name	Latin/ Scientific Name	Swahili/local Name	Water body
1	Nile perch	*Lates stappersii*	Mgebuka/Mkeke/Mvolo	**Lake Tanganyika**
2		*Lates anguistifrons*	Sangara	
3		*Lates mariae*	Sangara /Ng'omba	
4		*Lates microlepis*	Sangara/Nonzi	
5	Tilapia	*Oreochromis tanganicae (Serotheron)*	Ngege	
6		*Boulengerochromis microlepis*	Kuhe/Inkumpi	
7	Lake Tanganyika Sprat	*Stolothrissa tanganicae*	Dagaa	
8	Lake Tanganyika Sardine	*Limnothrisa miodon*	Dagaa/Lumbu	
9	Catfish	*Clarias gariepinus*	Kambale,Mumi	
10		*Labeo lineatus*	Mbiligi	
11		*Synodontis lacustricolus*	Ngogo/Gogogo/Kolokolo	
12		*Bagrus docmak*	Mbofu, Kibogobogo	
13		*Bathybates spp*	Mbanga/Lembela	
14		*Hemibates stenosoma*	Mpande	
15		*Hydrocynus vittatus (tiger fish)*	Manje	
16		*Malapterurus electricus*	Nyika	
17	Nile perch	*Lates niloticus*	Sangara	**Lake Victoria**

18	Tilapia	*Oreochromis niloticus*	Sato/Perege	
19		*Tilapi zillii*	Sato	
20		*Oreochromis rukwaensis*	Sasala	
22		*Oreochromis leucostictus*	Satu, Ngege	
23		*Balirius tanganicae*	Mbasa	
24		*Tilapia rendalli*	Kayabo	
25		*Cintharinus gibbosus*	Imbasa, Kukulu	
26	Catfish	*Clarias theodorae*	Kambale	
27		*Clarias liocephalus*	Kambale	
28		*Clarias gariepinus*	Kambale	
29	*Protopterus*	*Protopterus aethiopicus*	Kamongo, Kambale mamba	
30	Haplochromines	*Astatotilapia nubile*	Furu	
31		*Haplochromis pallidus*	Furu	
32		*Haplochromis obesus*	Furu	
33		*Haplochromis bloyeti*	Furu	
34	Spider prawns	*Nematopalaemon tenuipes*	Uduvi	
35	Lake Victoria sardine	*Ostrothrissa miodon*	Dagaa	
36	Lake Victoria sardine	*Rastrineobola argentae*	Dagaa	
37	Tilapia	*Oreochromis sp.*	Magege	**Lake Nyasa**
38		*Rhamphochromis*	Ngelwa	
39	Minor Cichlid	*Opsaridium sp.*	Mbelele/Mbasa	
40		*Haplochromis sp.*	Utapi	
41	Catfish	*Bathclarius nyasensis*		
42	Sardine	*Engraulicypris sp.*	Usipa/dagaa	
43		*Labeo*	Ningu	
44		*Synodontis*	Ngogo	
45		*Bagrus*	Mbofu	
46		Oreochromis urolepis	Perege	**Mtera dam**
47		synodontis	Kambale	
48		hydrocynus	Mchena	
49		Clarias sp.	Ngogo	
50		Bagrus	Vitoga	
51			Kimbumbu	
52			Sulusulu	
53			Mbapala	

54			Ningu	
55			Ngarara	
56			Ngobero	

The fisheries sector is among the important economic sectors in the country. It plays a significant role in social and economic development by contributing to the economic and social well-being of the country. The sector is a source of food security and nutrition, employment and income generation, recreation, tourism to attain sustainable National Development Goal. In 2020, the sector provided direct employment to about 202,053 and more than 4.5 million people indirectly depends on the fisheries related activities such fish traders processors and traders, fishing vessel manufacturers and suppliers, fishing gear menders, fish mongers and employees. The sector also contributed to the growth of the national economy. It contributed 1.71% to the National GDP the same as in the year 2018 and grew at 1.5% compared to 9.2% in 2018. The trend in growth and contribution of the sector to the National economy from 2012 to 2019 is shown in the figure 1 and 2 below. Either, reduction in growth of the sector for 2019 may be a result of the rapid growth in other economic sectors in the country such as communication sector.

Fish and fishery products are a very valuable source of protein and essential micronutrients which is important for balanced nutrition and good health in the human's body. Currently, fish provides around 25% of the total animal protein and in 2020, the per capita fish consumption (kg/capita) was 8.22. The trend in per capita fish consumption for five year (2016-2020) stands at an average of 7.89. The fish consumption rate in the country is still low compared to the existing fisheries potentials. Therefore, awareness creation to the communities especially to the pastoralists is of greater importance. The trend in fish consumption from 2016 to 2020 is shown in the table 5 below.

Table 5: The trend of fish consumption (2016- 2020)

Category	2016	2017	2018	2019	2020
Population size	44,929,002.00	48,676,698.00	48,676,698.00	55,890,747.00	57,637,628
Imports of fish/fish products (kg)	13,917,656.98	22,961,670.08	22,752,380.20	5,977.12	5,330.00
National fisheries production(kg) (capture production)	362,594,890.00	362,645,300.00	387,543,000.00	470,309,230	473,592,240,000
Aquaculture production (Tilapia & others)	5,677,364.00	11,000,000.00	16,288,000.00	18,081,600.00	17,254,600.00
Export of fish/fish production in kg	39,691,462.00	36,063,228.78	44,939,793.06	45,775,150	40,477,970.00
Aquaculture export (mainly prawns)	140,361.80	200,887.60	244,000.00	336,400.00	29,110.00
National fish consumption (kg)	342,358,087.18	385,240,553.70	370,209,297.14	442,285,257.12	473,568,992,850.00
Per capital fish consumption (kg)	7.6	7.91	7.84	7.91	8.22

2.0 ARTISAN FISHERIES SECTOR PERFOMARCE IN 2020

The small scale fishery (artisanal) in the country contribute more than 90 percent of the total annual fish landings. The performance of the fishery can be determined by assessing its fishing efforts, fish catch, fish export and import. This information is of great important in planning and decision making.

2.1 Fishing Effort in 2020

Fishing effort is a great determinant for the performance of a certain fishery. It explains combination of fishers, fishing vessels, fishing gears and time in a certain fishery. Other factors to support the explanation of fisheries sector performance of fishery include fish land-based facilities such as fish landing sites, fish market and cold store facilities. In 2020, number of fishing efforts (number of fishers, fishing vessels, fishing gear and fish land based facilities (fish landing sites) remained as it was in 2019. This is because there is no Fisheries Frame Survey conducted in any water body since 2018. However, the description on the general status of the small scale fishery fishing effort in the country is presented in table 6.

Table 6: Status of fishing effort in 2020

Item	Marine	Lake Victoria	Lake Tanganyika	Lake Nyasa	Lake Rukwa	Nyumba ya Mungu	Mtera Dam	Minor Water	Total
Number of landing site	274	642	239	114	20	12	28	18	1,347
Number of fishers	53,035	109,397	26,612	5,550	3,428	1,269	2,369	879	202,539
Number of fishing vessels	9,242	31,773	11,506	2,632	1,786	860	1,238	321	59,358
Fishing Gears									
Number of gill nets	66,479	361,235	31,806	11,582	21,281	1084	20,567	1912	**515,718**
Number of shark nets	3,677	-	-	-	-	-	-	-	**3,677**
Number of beach seins	231	1260	-	12	344	80	493	207	**2,627**

Item	Marine	Lake Victoria	Lake Tanganyika	Lake Nyasa	Lake Rukwa	Nyumba ya Mungu	Mtera Dam	Minor Water	Total
Number of boat seins		531							**531**
Number of cast nets	453	146	-	4	-	10	-	5	**610**
Number of appolo lift nets		-	66	-	-	-	-	-	**66**
Number of lift nets		9	1,892	-	-	-	0	-	**1,699**
Number of lamps		59,050	23,321	-	-	-	-	-	**11,929**
Number of ring nets	525	-	644	1	-	-	438	-	**1608**
Number of dagaa seine	90	11,460	-	728	-	-	-	-	**12,188**
Number of hand lines	7,435	17,957	15,500	284	15,000	800	22,578	5,007	**81,314**
Number of long lines (Hooks)	6,453	8,163,119	537,126	157,648	885	949	23,960	0	**8,353,614**
Number of traps	234	1,175	0	71	2,820	2,677	2,881	445	**10,325**
Number of spears	1,337	-	-	-	-	-	0	-	**1,337**
Number of purse seines	150	-	-	1,120	-	-	-	-	**1,170**
Number of trawlers	0	-	-	-	-	-	-	-	
Other gears (handheld nets & monofilaments, mosquito nets, seine nets, small seines)	36	22,064	-	-	-	40	-	-	**22,100**
Engines									
No. of outboard engines	1,580	11,067	1689					-	**14,336**
No. of inboard engines	105		-	-	-	-	-	-	**105**

2.2 Fish Production

Basing on the above fishing effort, the annual fish landings in 2020 was **473,592.24** MT worth **2.37** Trillion Tshs compared to **470,309.23** worth **2.210** Trillion Tshs landed in 2019. The big share of fish catch observed in Lake Victoria for **58.0** percent of the total fish landings. The catch and percentage share of each water body are described in table 7 below.

Table 7: Total fish production from all major water bodies in Tanzania (Marine and Inland) 2020

Water bodies	Numbers		Numbers		Production % share per water body
	Fishers	Fishing Vessels	Catches (MT)	Values (Tshs '000)	
Lake Victoria	109,397	31,773	274,888.94	1,374,444,677.58	58.0
Lake Tanganyika	26,612	11,506	104,178.81	520,894,031.48	22.0
Lake Nyasa	5,550	2,632	8,252.98	41,264,889.09	1.7
Lake Rukwa	3,428	1,786	5,240.00	26,200,021.08	1.1
Mtera Dam	2,369	1,238	7,046.81	35,234,067.86	1.5
Nyumba ya Mungu Dam	1,269	860	9,696.07	48,480,358.11	2.0
Minor water bodies	879	321	524.70	2,623,501.96	0.1
Small scale Marine	53,035	9,242	63,763.93	318,819,664.21	13.5
Total	**202,539**	**59,358**	**473,592.24**	**2,367,961,211.36**	100

The description of fisheries status, fishing efforts, and fish production by water body, region, district, month, and species are indicated below (Tables 8-43).

2.2.1 Lake Victoria

Table 8: The status of fishing effort in Lake Victoria in 2020

Item/Region	Geita	Kagera	Mara	Mwanza	Simiyu	Totals
Total number of Landing sites	73	167	168	223	10	641
Total number of Fishers	8,269	23,469	25,135	48,138	4,386	109,397
Total number of Fishing vessels	2,755	7,247	7,251	13,560	960	31,773
Fishing gears						
Number of Gill nets	21370	104,730	73,746	148,269	13,120	361,235
Number of Traps	464	28	133	550	0	1,175
Number of hand lines	562	1,729	7,021	8,339	306	17,957
Number of Long lines	415,264	1,437,946	2,464,663	3,584,271	260,975	8,163,119
Number of Beach seines	112	322	270	443	113	1,260
Number of Scoop nets	1	358	0	2	0	361
Number of cast nets	121	8	0	17	0	146
Number of Lift nets	0	0	0	7	2	9
Number of Small seine (Dagaa seine)	722	2,101	3,336	5,050	251	11,460
Engines						
Number of Outboard engines	201	3,259	1,646	5,612	365	11,083
Number of Inboard engines		0	0	0		0

Table 9: Weight (MT) of fish by Region and by Species for Lake Victoria, 2020

Region/Species	NP	DA	CG	PA	TL	HA	BD	OT	Total
Kagera	20,137.84	21,423.27	90.80521	43.70337	208.5243	984.6344	80.39675	44.76856	43,013.94
Mwanza	50,456.96	48,144.79	1347.652	1157.946	4691.183	22,349.19	605.0299	356.3732	129,109.12
Geita	3,822.92	1,671.59	99.8137	722.678	8,987.88	8,658.50	59.08273	166.8499	24,189.32
Mara	12,983.32	52,358.22	437.1453	352.3356	1668.935	2,280.64	199.7796	678.792	70,959.16
Simiyu	5,635.34	520.66658	44.90044	492.2716	406.3257	427.031	36.3586	54.49733	7,617.39
Total	**93,036.37**	**124,118.54**	**2,020.32**	**2,768.93**	**15,962.85**	**34,700.00**	**980.6476**	**1,301.28**	**274,888.94**

(NP = Nile perch; DA = Dagaa; CG= Clarias gariepinus TL = Tilapia; HA = Haplochromines, BD = Bagrus docmack; PA = Protopterus aethiopicus; OT = Other fish species.)

Source: Ministry of Livestock and Fisheries, 2020

Table 10: Value of fish (000's Tshs) for Lake Victoria by Region and species 2020

Region/Species	NP	DA	CG	PA	TL	HA	BD	OT	Total
Kagera	100,689,149.53	107,116,330.39	454,045.69	218,519.36	1,042,627.80	4,923,201.96	401,972.76	223,837.70	215,069,685.19
Mwanza	252,284,776.56	240,723,881.11	6,738,274.35	5,789,740.19	23,455,911.05	111,746,147.19	3,025,140.15	1,781,759.74	645,545,630.34
Geita	19,114,570.21	8,357,970.94	499,105.47	3,613,371.56	44,939,420.44	43,292,489.31	295,430.69	834,277.56	120,946,636.18
Mara	64,916,554.76	261,791,099.14	2,185,719.56	1,761,655.27	8,344,704.30	11,403,215.53	998,853.78	3,393,975.56	354,795,777.91
Simiyu	28,176,723.99	2,603,355.12	224,480.57	2,461,337.98	2,031,604.68	2,135,166.14	181,816.99	272,462.48	38,086,947.96
Total	**465,181,775.06**	**620,592,636.69**	**10,101,625.65**	**13,844,624.37**	**79,814,268.27**	**173,500,220.14**	**4,903,214.36**	**6,506,313.04**	**1,374,444,677.58**

Table 11: Weight (MT) of fish by District and Species for Lake Victoria 2020

District/Species	NP	DA	CG	PA	TL	HA	BD	OT	Total
Bukoba	2,358.08	135.75637	3.094133	1.481126	131.1304	1.481126	5.437559	3.692671	2,640.15
Muleba	17,779.75	21,287.52	87.71108	42.22224	77.33392	983.1533	74.95919	41.07589	40,373.73
Ilemela	11,601.47	5,518.48	49.26266	43.41932	59.92474	5,668.00	55.11615	61.33486	23,057.01
Sengerema	13,381.44	3,788.54	505.5611	83.62276	874.7065	11,729.71	67.04632	104.1962	30,534.82
Ukerewe	16,634.26	35,350.56	646.9174	286.6791	3,080.27	2,374.52	64.71304	95.43119	58,533.35
Misungwi	6,590.24	645.41595	68.21296	512.1349	375.4046	299.3904	33.12245	60.94936	8,584.87
Magu	2,249.55	2,841.79	77.69826	232.0904	300.8817	2,277.63	385.0319	34.46155	8,399.13
Chato	1,335.02	258.85216	38.73246	226.9369	8,479.21	1,288.62	33.2036	21.58792	11,682.16
Geita	2,487.90	1,412.74	61.08124	495.7411	508.6654	7,369.88	25.87913	145.262	12,507.15
Bunda	2,494.56	5,058.10	65.59563	276.4025	617.6398	334.491	60.94936	455.7304	9,363.47
Musoma	7,996.54	36,380.44	261.2565	15.74457	667.7444	879.4035	62.43048	154.8487	46,418.41
Rorya	2,492.22	10,919.68	110.2932	60.1885	383.5508	1,066.75	76.39974	68.21296	15,177.30
Simiyu/busega	5,635.34	520.66658	44.90044	492.2716	406.3257	427.031	36.3586	54.49733	7,617.39
Total	**93,036.37**	**124,118.54**	**2,020.32**	**2,768.94**	**15,962.79**	**34,700.06**	**980.647519**	**1,301.28**	**274,888.94**

Table 12: Value of fish (000's Tshs) for Lake Victoria by District and species 2020

District/ Species	NP	DA	CG	PA	TL	HA	BD	OT	Total
Bukoba	11,790,402.15	678,760.04	15,487.46	7,422.29	655,674.96	7,422.29	27,176.12	18,468.07	13,200,813.39
Muleba	88,898,747.38	106,437,570.35	438,558.23	211,097.07	386,952.84	4,915,779.67	374,796.64	205,369.63	201,868,871.80
Ilemela	58,007,333.86	27,592,408.25	246,338.35	217,116.71	299,638.60	28,339,956.02	275,559.99	306,651.80	115,285,003.58
Sengerema	66,907,190.71	18,942,688.57	2,527,787.98	418,103.10	4,373,543.08	58,648,514.89	335,230.55	520,963.24	152,674,022.13
Ukerewe	83,171,307.69	176,752,763.01	3,234,600.78	1,433,379.45	15,401,319.10	11,872,573.38	323,541.90	477,130.79	292,666,616.09
Misungwi	32,951,187.85	3,227,061.61	341,074.88	2,560,691.53	1,877,022.25	1,496,965.72	165,628.24	304,723.17	42,924,355.24
Magu	11,247,756.46	14,208,959.67	388,472.36	1,160,449.41	1,504,388.02	11,388,137.18	1,925,179.50	172,290.74	41,995,633.33
Chato	6,675,097.19	1,294,284.48	193,680.97	1,134,675.94	42,396,086.56	6,443,077.44	166,037.31	107,944.70	58,410,884.58
Geita	12,439,473.02	7,063,686.44	305,424.49	2,478,695.63	2,543,333.88	36,849,411.88	129,393.38	726,332.86	62,535,751.58
Bunda	12,472,785.68	25,290,503.49	327,983.59	1,382,007.82	3,088,200.42	1,672,470.83	304,723.17	2,278,644.35	46,817,319.34
Musoma	39,982,672.05	181,902,198.83	1,306,265.35	78,723.08	3,338,746.68	4,397,037.27	312,145.46	774,256.33	232,092,045.06
Rorya	12,461,097.03	54,598,396.82	551,470.62	300,924.36	1,917,757.21	5,333,707.43	381,985.16	341,074.88	75,886,413.51
Simiyu/Busega	28,176,723.99	2,603,355.12	224,480.57	2,461,337.98	2,031,604.68	2,135,166.14	181,816.99	272,462.48	38,086,947.96
Total	465,181,775.06	**620,592,636.68**	**10,101,625.64**	**13,844,624.35**	**79,814,268.28**	**173,500,220.14**	**4,903,214.41**	**6,506,313.04**	**1,374,444,677.58**

Table 13: Weight (MT) of fish by Months and Species for Lake Victoria 2020

Species/Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Nile perch	8,369.19	5,624.43	8,264.85	5,913.02	9,424.70	4,675.13	1,830.67	8,366.98	7,292.81	8,250.69	9,678.96	7,003.89	**84,695.32**
Tilapiines	771.58	9,086.62	945.49	1,074.40	5,671.51	1,065.48	1,009.14	373.56	950.24	346.54	370.55	507.01	**22,172.12**
Dagaa	12,888.04	11,724.58	14,094.04	145.38	10,112.33	8,176.26	1,456.90	12,862.76	10,839.13	23,328.07	41,342.18	11,757.38	**158,727.05**
Haplochromines	710.59	872.21	674.53	842.42	525.09	73.63	708.96	762.77	488.56	780.85	615.86	89.04	**7,144.51**
Bagrus	68.52	63.99	38.26	30.03	74.43	81.86	70.73	28.87	38.14	23.65	15.42	65.05	**598.95**
Clarias	16.81	12.16	24.7	13.8	39.53	56.92	38.38	141.79	91.12	41.86	53.33	38.14	**568.54**

Protopterus	51.36	33.73	32.46	90.89	53.91	45.33	24.35	46.84	59.25	17.86	72.69	33.62	**562.29**
Others	25.5	-	61.1	59.13	30.15	25.27	11.01	25.39	12.75	49.28	102.03	18.55	**420.16**
Total	**22,901.59**	**27,417.72**	**24,135.43**	**8,169.07**	**25,931.65**	**14,199.88**	**5,150.14**	**22,608.96**	**19,772.00**	**32,838.80**	**52,251.02**	**19,512.68**	**274,888.94**

Table 14: Value of fish (000's Tshs) by Months and Species for Lake Victoria 2020

Species/Month	**Jan**	**Feb**	**March**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**	**Total**
Nile perch	36,318,511.57	24,407,553.13	40,289,783.32	28,825,173.57	45,943,894.84	22,790,522.94	8,924,272.37	40,787,711.38	35,551,271.63	40,220,830.74	47,183,345.72	34,142,830.42	**405,385,701.63**
Tilapiines	3,348,290.46	39,431,843.10	4,609,084.31	5,237,400.56	27,647,610.46	5,194,050.86	4,919,370.65	1,821,026.32	4,632,256.90	1,689,338.20	1,806,331.51	2,471,554.34	**102,808,157.67**
Dagaa	55,928,022.32	50,879,424.18	68,706,158.53	708,968.17	49,296,064.05	39,857,981.93	7,102,115.69	62,703,893.01	52,839,152.79	113,720,889.10	201,536,520.30	57,315,418.47	**760,594,608.54**
Haplochromines	3,083,647.22	3,785,002.12	3,288,246.78	4,106,465.22	2,559,723.21	358,892.52	3,456,106.76	3,718,352.63	2,381,689.92	3,806,521.50	3,002,263.14	434,062.14	**33,980,973.16**
Bagrus	297,346.30	277,724.46	186,398.03	146,382.94	362,848.82	399,020.67	344,762.90	140,731.09	185,945.89	115,297.75	61,415,610.62	316,955.79	**64,189,025.26**
Clarias	72,952.99	52,828.03	120,158.35	67,257.03	192,954.19	277,505.87	187,076.26	691,221.35	444,235.47	204,031.81	259,985.14	185,945.89	**2,756,152.38**
Protopterus	222,883.94	146,409.10	158,195.31	443,105.10	262,528.47	220,987.36	118,688.87	228,334.77	288,809.58	87,038.50	354,370.90	163,903.67	**2,695,255.57**
Others	110,687.29	0	297,852.53	288,244.39	146,948.12	123,210.35	53,692.58	123,775.54	62,170.36	240,203.66	497,362.87	90,655.68	**2,034,803.37**
Total	**99,382,342.09**	**118,980,784.12**	**117,655,877.16**	**39,822,996.98**	**126,412,572.16**	**69,222,172.50**	**25,106,086.08**	**110,215,046.09**	**96,385,532.54**	**160,084,151.26**	**316,055,790.20**	**95,121,326.40**	**1,374,444,677.58**

Table 15: Species Percentage Composition by Districts and Species for Lake Victoria, 2020

District/Species	**NP**	**DA**	**CG**	**PA**	**TL**	**HA**	**BD**	**OT**	**Total**
Bukoba	0.86	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.96
Muleba	6.47	7.74	0.03	0.02	0.03	0.36	0.03	0.01	14.69
Ilemela	4.22	2.01	0.02	0.02	0.02	2.06	0.02	0.02	8.39
Sengerema	4.87	1.38	0.18	0.03	0.32	4.27	0.02	0.04	11.11
Ukerewe	6.05	12.86	0.24	0.10	1.12	0.86	0.02	0.03	21.29
Misungwi	2.40	0.23	0.02	0.19	0.14	0.11	0.01	0.02	3.12
Magu	0.82	1.03	0.03	0.08	0.11	0.83	0.14	0.01	3.06
Chato	0.49	0.09	0.01	0.08	3.08	0.47	0.01	0.01	4.25
Geita	0.91	0.51	0.02	0.18	0.19	2.68	0.01	0.05	4.55

Bunda	0.91	1.84	0.02	0.10	0.22	0.12	0.02	0.17	3.41
Musoma	2.91	13.23	0.10	0.01	0.24	0.32	0.02	0.06	16.89
Rorya	0.91	3.97	0.04	0.02	0.14	0.39	0.03	0.02	5.52
Simiyu/busega	2.05	0.19	0.02	0.18	0.15	0.16	0.01	0.02	2.77
Total	**33.85**	**45.15**	**0.73**	**1.01**	**5.81**	**12.62**	**0.36**	**0.47**	**100.00**

2.2.2 LAKE TANGANYIKA

Table 16: Status of artisanal fishing effort in Lake Tanganyika for 2020

Item/District	Kigoma (MC &DC)	Mpanda DC	Nkasi DC	Sumbawanga DC	Total
Number of landing sites	87	20	114	18	**239**
Number of Fishers	10,573	2,483	10,733	2,823	**26,612**
Number of Fishing vessels	4,782	1,018	4,683	1,023	**11,506**
Number of vessels sails	-	518	-	-	**518**
Number of vessels paddled	-	26	-	199	**225**
Number of vessels with engine	756	80	640	213	**1,689**
Number of Transport vessels	76	-	-	16	**92**
Number of Outboard engines	755	14	154	79	**1,002**
Number of Lamps	13,242	1,340	7,691	1,048	**23,321**
Fishing gears					
Normal Lift nets	1,302	162	397	32	**1,892**
Apollo lift nets	66	-			**66**
Gill nets	14,579	6,109	9,401	1,717	**31,806**
Hand lines	1,552	13,411	153	371	**2,194**
Scoop nets	60	0	0	0	**60**
Ring nets	115	47	337	145	**644**
Long lines	78,171	191,428	245,028	22,499	**537,126**
Beach Seine nets	58	1	3	4	**66**

Table 17: The total fish weight in (MT) for Lake Tanganyika by Region and by species 2020

Species/Region	**Kigoma**	**Rukwa**	**Katavi**	**Total**
Stolothrissa tanganicae (Dagaa)	13,272.09	17,514.76	15,235.29	46,022.14
Limnothrisa miodon (Dagaa/Lumbu)	531.6161	8,607.11	237.6481	9,376.37
Clarias gariepinus (Kambale/Mumi)	204.8035	483.938	170.2959	859.0374
Auchenoglanis occidentalis (Kavungwe)	108.8682	573.0579	25.68768	707.61378
Boulengerochromis microlepsi (Kuhe/Inkumpi)	138.0453	66.25342	202.9772	407.27592
Tylochromis Polylepis (Kungura)	193.3109	913.3231	81.13148	1187.76548
Hydrocynus vittatus (tiger fish) (Manje)	44.47086	5.612683	76.63243	126.715973
Haplochromis spp (Masembe)	159.813	78.88938	63.79859	302.50097
Bathybatus minor (Mbanga/Lembela)	84.79903	819.1993	118.7572	1022.75553
Labeo lineatus (Mbilingi)	117.2279	173.2953	49.31143	339.83463
Bagrus docmak (Mbofu/Kibogobogo)	66.26827	20.06014	3,099.58	3,185.91
Lates stappersii Mgebuka/Mvolo	10,169.14	17,341.71	5,548.79	33,059.64
Hemibates stenosoma (Mpande)	102.8101	938.2981	225.3982	1266.5064
O.tanganicae (Serotheron) (Ngege)	105.2601	1125.551	102.3795	1333.1906
Synodontis lacustricolus Ngogo/Kolokolo	197.9584	92.98048	64.78343	355.72231
Malapterurus electricus (Nyika)	61.17528	510.2939	82.88359	654.35277
Lates anguistifrons (Sangara)	123.3008	376.6585	123.9987	623.958
Lates mariae (Sangara/Ng'omba)	87.41234	591.4847	159.3972	838.29424
Lates microlepis Sangara/Nonzi	99.91467	514.2435	91.36201	705.52018
Others	700.3084	967.8463	135.5507	1,803.71
Total	**26,568.59**	**51,714.57**	**25,895.65**	**104,178.81**

Table 18: The value of fish (000's Tshs) for Lake Tanganyika by Region and species during 2020.

Species/Region	Kigoma	Rukwa	Katavi	Total
Stolothrissa tanganicae (Dagaa)	66,360,438.78	87,573,836.77	76,176,396.91	230,110,672.46
Limnothrisa miodon (Dagaa/Lumbu)	2,658,094.83	43,035,545.15	1,188,251.32	46,881,891.30
Clarias gariepinus (Kambale/Mumi)	1,024,004.05	2,419,659.89	851,464.19	4,295,128.13
Auchenoglanis occidentalis (Kavungwe)	544,369.98	2,865,321.01	128,490.94	3,538,181.93
Boulengerochromis microlepsi (Kuhe/Inkumpi)	690,159.48	331,258.72	1,014,908.94	2,036,327.14
Tylochromis Polylepis (Kungura)	966,579.93	4,566,644.38	405,713.91	5,938,938.22
Hydrocynus vittatus (tiger fish) (Manje)	222,384.71	28,087.89	383,154.44	633,627.04
Haplochromis spp (Masembe)	799,122.64	394,478.74	318,953.54	1,512,554.92
Bathybatus minor (Mbanga/Lembela)	423,993.34	4,096,016.25	593,768.98	5,113,778.57
Labeo lineatus (Mbilingi)	586,100.54	866,444.40	246,549.22	1,699,094.16
Bagrus docmak (Mbofu/Kibogobogo)	331,347.90	100,313.87	15,497,914.49	15,929,576.26
Lates stappersii Mgebuka/Mvolo	50,845,671.57	86,708,551.56	27,743,965.15	165,298,188.28
Hemibates stenosoma (Mpande)	514,052.89	4,691,479.43	1,126,992.99	6,332,525.31
O.tanganicae (Serotheron) (Ngege)	526,358.07	5,627,742.28	511,912.87	6,666,013.22
Synodontis lacustricolus Ngogo/Kolokolo	989,852.77	464,921.38	323,857.79	1,778,631.94
Malapterurus electricus (Nyika)	305,845.86	2,551,450.04	414,363.19	3,271,659.09
Lates anguistifrons (Sangara)	616,506.80	1,883,315.03	619,984.35	3,119,806.18
Lates mariae (Sangara/Ng'omba)	437,100.99	2,957,431.44	796,982.61	4,191,515.04
Lates microlepis Sangara/Nonzi	499,607.69	2,570,888.64	456,807.11	3,527,303.44
Others	3,501,623.08	4,839,230.62	677,765.15	9,018,618.85
Total	**132,843,215.90**	**258,572,617.49**	**129,478,198.09**	**520,894,031.48**

Table 19: The fish weight (MT) for Lake Tanganyika by District and by species 2020

Species/District	Kigoma DC	Kigoma MC	Uvinza DC	Nkasi MC	Tanganyika	Karambo	Total
Stolothrissa tanganicae (Dagaa)	4,339.72	5,013.97	3,918.41	17,514.76	5,192.44	10,042.84	46,022.14
Limnothrisa miodon (Dagaa/Lumbu)	229.33	282.25	20.03	8,607.11	18.28	219.37	9,376.37
Clarias gariepinus (Kambale/Mumi)	164.92	28.91	10.97	483.94	16.32	153.98	859.04
Auchenoglanis occidentalis (Kavungwe)						4.20	

	56.14	34.52	18.20	573.06	21.49		707.61
Boulengerochromis microlepsi (Kuhe/Inkumpi)	56.38	59.94	21.72	66.25	44.01	158.97	407.28
Tylochromis Polylepis (Kungura)	163.12	18.80	11.39	913.38	7.57	73.56	1,187.83
Hydrocynus vittatus (tiger fish) (Manje)	27.60	11.26	5.61	5.61	49.24	27.40	126.72
Haplochromis spp (Masembe)	136.63	6.49	16.69	78.89	25.64	38.15	302.49
Bathybatus minor (Mbanga/Lembela)	20.65	38.15	26.00	819.20	39.97	78.79	1,022.76
Labeo lineatus (Mbilingi)	69.80	43.54	3.89	173.30	29.27	20.05	339.83
Bagrus docmak (Mbofu/Kibogobogo)	44.01	20.02	2.24	20.06	34.85	3,064.73	3,185.91
Lates stappersii Mgebuka/Mvolo	4,867.80	5,036.76	264.58	17,341.71	1,257.54	4,291.25	33,059.64
Hemibates stenosoma (Mpande)	35.92	34.49	32.40	938.30	39.48	185.92	1,266.51
O.tanganicae (Serotheron) (Ngege)	59.29	39.48	6.49	1,125.55	16.48	85.90	1,333.19
Synodontis lacustricolus Ngogo/Kolokolo	75.59	23.61	98.76	92.98	39.44	25.35	355.72
Malapterurus electricus (Nyika)	15.41	29.10	16.66	510.29	9.30	73.59	654.35
Lates anguistifrons (Sangara)	31.48	20.05	71.78	376.66	5.92	118.07	623.96
Lates mariae (Sangara/Ng'omba)	60.06	23.53	3.82	591.48	29.64	129.76	838.29
Lates microlepis Sangara/Nonzi	57.33	40.37	2.21	514.18	38.18	53.19	705.46
Others	539.78	157.84	2.69	967.85	69.12	66.43	1,803.71
Total	**11,050.99**	**10,963.07**	**4,554.54**	**51,714.56**	**6,984.17**	**18,911.48**	**104,178.81**

Source: Ministry of Livestock and Fisheries, 2020

Table 20: The Value of fish (000's Tshs) in Lake Tanganyika by Districts and species during 2020.

Species/Region	Kigoma DC	Kigoma MC	Uvinza DC	Nkasi MC	Tanganyika	Karambo	Total
Stolothrissa tanganicae (Dagaa)	21,698,560.47	25,069,820.10	19,592,058.21	87,573,836.77	25,962,212.35	50,214,184.56	230,110,672.46
Limnothrisa miodon (Dagaa/Lumbu)	1,146,699.08	1,411,260.22	100,135.53	43,035,545.15	91,397.10	1,096,854.23	46,881,891.31
Clarias gariepinus (Kambale/Mumi)	824,624.66	144,541.15	54,838.25	2,419,659.89	81,588.63	769,875.57	4,295,128.14
Auchenoglanis occidentalis (Kavungwe)	280,700.53	172,629.03	91,040.42	2,865,321.01	107,447.31	21,043.63	3,538,181.93
Boulengerochromis microlepsi (Kuhe/Inkumpi)	281,859.70	299,693.28	108,606.50	331,258.72	220,066.36	794,842.58	2,036,327.13
Tylochromis Polylepis (Kungura)	815,618.70	93,982.96	56,978.28	4,566,644.38	37,896.35	367,817.55	5,938,938.22
Hydrocynus vittatus (tiger fish) (Manje)	138,031.89	56,264.94	28,087.89	28,087.89	246,192.54	136,961.87	633,627.01
Haplochromis spp (Masembe)	683,204.37	32,457.11	83,461.15	394,478.74	128,223.42	190,730.12	1,512,554.92
Bathybatus minor (Mbanga/Lembela)	103,256.42	190,730.12	130,006.79	4,096,016.25	199,825.24	393,943.75	5,113,778.57
Labeo lineatus (Mbilingi)	349,003.12	217,658.83	19,438.60	866,444.40	146,324.51	100,224.70	1,699,094.16
Bagrus docmak (Mbofu/Kibogobogo)	220,066.36	100,046.38	11,235.16	100,313.87	174,234.06	15,323,680.43	15,929,576.27
Lates stappersii Mgebuka/Mvolo	24,339,000.07	25,183,776.67	1,322,894.83	86,708,551.56	6,287,673.84	21,456,291.31	165,298,188.29
Hemibates stenosoma (Mpande)	179,584.13	172,450.71	162,018.05	4,691,479.43	197,417.72	929,575.27	6,332,525.32
O.tanganicae (Serotheron) (Ngege)	296,483.24	197,417.72	32,457.11	5,627,742.28	82,391.13	429,521.73	6,666,013.22
Synodontis lacustricolus Ngogo/Kolokolo	377,982.70	118,058.29	493,811.79	464,921.38	197,150.21	126,707.58	1,778,631.94
Malapterurus electricus (Nyika)	77,041.06	145,521.99	83,282.81	2,551,450.04	46,456.47	367,906.72	3,271,659.10
Lates anguistifrons (Sangara)	157,381.34	100,224.70	358,900.76	1,883,315.03	29,603.75	590,380.60	3,119,806.17
Lates mariae (Sangara/Ng'omba)	300,317.45	117,701.61	19,081.92	2,957,431.44	148,197.03	648,785.57	4,191,515.03
Lates microlepis Sangara/Nonzi	286,674.77	201,876.10	11,056.82	2,570,888.64	190,908.46	265,898.65	3,527,303.44
Others	2,698,933.73	789,225.00	13,464.36	4,839,230.62	345,614.75	332,150.39	9,018,618.85
Total	**55,255,023.79**	**54,815,336.91**	**22,772,855.22**	**258,572,617.50**	**34,920,821.25**	**94,557,376.81**	**520,894,031.48**

Table 21: The estimated fish weight (MT) for Lake Tanganyika by Months and by Districts 2020

Month/District	Kigoma DC	Kigoma MC	Uvinza DC	Nkasi MC	Tanganyika	Karambo	Total
Jan	172.51	126.60	67.38	756.20	58.25	170.30	1,351.23
Feb	898.83	2,124.56	117.54	3,821.36	120.72	5,432.45	12,515.47
Mar	76.14	145.68	148.75	5,472.51	2,185.93	735.25	8,764.26

Apr	3,029.66	2,198.46	516.68	11,620.42	831.86	2,413.97	20,611.06
May	59.47	83.70	13.02	1,265.60	51.55	210.65	1,684.00
Jun	42.81	226.73	127.01	6,271.74	44.41	291.34	7,004.05
Jul	413.38	126.60	91.93	2,960.66	316.29	259.07	4,167.92
Aug	4,117.30	155.21	1,374.02	7,167.60	167.46	4,133.06	17,114.66
Sep	133.59	76.54	1,997.51	9,758.50	2,763.53	307.51	15,037.18
Oct	133.59	76.54	32.30	659.58	125.01	202.58	1,229.59
Nov	116.92	98.00	46.33	1,291.94	17.21	2,930.50	4,500.90
Dec	1,856.77	5,524.45	22.12	668.37	301.96	1,824.81	10,198.48
Total	11,050.97	10,963.08	4,554.59	51,714.49	6,984.18	18,911.49	104,178.81

Source: Ministry of Livestock and Fisheries, 2020

Table 22: The Value of fish (000's Tshs) in Lake Tanganyika by Month and District during 2020

Month/District	Kigoma DC	Kigoma MC	Uvinza DC	Nkasi MC	Tanganyika	Karambo	Total
Jan	862,520.16	633,007.35	336,885.90	3,780,969.12	291,181.72	851,468.36	6,756,032.62
Feb	4,494,183.98	10,622,840.84	587,665.09	19,106,848.58	603,588.01	27,162,244.09	62,577,370.59
Mar	380,768.84	728,375.69	743,744.44	27,362,623.20	10,929,688.57	3,676,244.84	43,821,445.58
Apr	15,148,299.75	10,992,393.14	2,583,376.44	58,102,209.53	4,159,296.08	12,069,866.60	103,055,441.54
May	297,388.80	418,428.58	65,062.30	6,327,963.42	257,794.80	1,053,238.11	8,419,876.01
Jun	214,008.76	1,133,691.13	635,015.00	31,358,769.44	222,023.09	1,456,777.61	35,020,285.04
Jul	2,066,898.46	633,007.35	459,644.95	14,803,306.51	1,581,348.11	1,295,361.82	20,839,567.19
Aug	20,586,531.04	776,059.86	6,870,122.32	35,837,966.29	837,296.51	20,665,258.05	85,573,234.07
Sep	667,966.74	382,665.46	9,987,500.60	48,792,506.25	13,817,658.03	1,537,485.51	75,185,782.59
Oct	667,966.74	382,665.46	161,515.83	3,297,918.48	625,051.02	1,012,884.16	6,148,001.70
Nov	584,586.71	489,954.85	231,663.85	6,459,704.50	86,090.59	14,652,519.43	22,504,519.93
Dec	9,283,903.85	27,622,247.21	110,658.51	3,341,832.17	1,509,804.67	9,124,028.21	50,992,474.63
Total	**55,255,023.82**	**54,815,336.92**	**22,772,855.24**	**258,572,617.50**	**34,920,821.22**	**94,557,376.78**	**520,894,031.48**

Table 23: Species percentage composition by District for Lake Tanganyika – 2020

Species/District	Kigoma DC	Kigoma MC	Uvinza DC	Nkasi MC	Tanganyika	Karambo	Total
Stolothrissa tanganicae (Dagaa)	4.17	4.81	3.76	16.81	4.98	9.64	44.18

Limnothrisa miodon (Dagaa/Lumbu)	0.22	0.27	0.02	8.26	0.02	0.21	9.00
Clarias gariepinus (Kambale/Mumi)	0.16	0.03	0.01	0.46	0.02	0.15	0.82
Auchenoglanis occidentalis (Kavungwe)	0.05	0.03	0.02	0.55	0.02	0.00	0.68
Boulengerochromis microlepsi (Kuhe/Inkumpi)	0.05	0.06	0.02	0.06	0.04	0.15	0.39
Tylochromis Polylepis (Kungura)	0.16	0.02	0.01	0.88	0.01	0.07	1.14
Hydrocynus vittatus (tiger fish) (Manje)	0.03	0.01	0.01	0.01	0.05	0.03	0.12
Haplochromis spp (Masembe)	0.13	0.01	0.02	0.08	0.02	0.04	0.29
Bathybatus minor (Mbanga/Lembela)	0.02	0.04	0.02	0.79	0.04	0.08	0.98
Labeo lineatus (Mbilingi)	0.07	0.04	0.00	0.17	0.03	0.02	0.33
Bagrus docmak (Mbofu/Kibogobogo)	0.04	0.02	0.00	0.02	0.03	2.94	3.06
Lates stappersii Mgebuka/Mvolo	4.67	4.83	0.25	16.65	1.21	4.12	31.73
Hemibates stenosoma (Mpande)	0.03	0.03	0.03	0.90	0.04	0.18	1.22
O.tanganicae (Serotheron) (Ngege)	0.06	0.04	0.01	1.08	0.02	0.08	1.28
Synodontis lacustricolus Ngogo/Kolokolo	0.07	0.02	0.09	0.09	0.04	0.02	0.34
Malapterurus electricus (Nyika)	0.01	0.03	0.02	0.49	0.01	0.07	0.63
Lates anguistifrons (Sangara)	0.03	0.02	0.07	0.36	0.01	0.11	0.60
Lates mariae (Sangara/Ng'omba)	0.06	0.02	0.00	0.57	0.03	0.12	0.80
Lates microlepis Sangara/Nonzi	0.06	0.04	0.00	0.49	0.04	0.05	0.68
Others	0.52	0.15	0.00	0.93	0.07	0.06	1.73
Total	**10.61**	**10.52**	**4.37**	**49.64**	**6.70**	**18.15**	**100.00**

2.2.3 Territorial Marine Water.

Table 24: The status of artisanal fishing effort in Territorial Marine Water 2020

Item/Region	**Pwani**	**DSM**	**Lindi**	**Mtwara**	**Tanga**	**Total**
Total number of Landing sites	93	31	57	37	56	274
Total number of Fishermen	13,804	8,792	10,742	5,620	14,077	53,035
Total number of Fishing vessels	3,057	1,240	2,337	1,273	1,335	9,242
Number of Fishing gears by						

type and size																	
Number of Gill nets	52,210	4,599	4,583	2,577	2,510	66,479											
Number of Shark nets	1,189	788	269	575	856	3,677											
Number of Traps	645	235	46	500	166	1592											
Number of hand lines	641	0	268	13	37	959											
Number of Long lines	25,288	78	543	673	1844	28,426											
Number of Beach seines	19	1	11	54	13	98											
Number of Ring nets	24	109	26	47	248	454											
Number of Purse seine	99	38	0	0	2	139											
Number of cast nets	39	0	19	0	32	90											
Number of Scoop nets	4	120	0	0	34	158											
Number of Spears	638	400	241	298	710	2287											
Number of Fences	7	4	0	0	4	15											
Engines																	
Number of Outboard engines	312	393	305	114	456	1,580											
Number of Inboard engines	47	44	4	0	10	105											
Number of vessel using paddle	1,986	568	912	891	336	4,693											
Number of vessel using Sail	712	235	854	258	805	2,864											
Number of Trawlers	3	10	0	0	0	13											

Table 25: Estimated Weight of fish caught (MT) for Marine Territorial Water by District by species 2020

Species/District	Swahili	Muheza	Pangani	Tanga	Mkinga	Mafia	Kibiti	Mkuranga	Bagamoyo	Lindi Urban	Lindi Rural	Mtwara Urban	Mtwara Rural	Kigamboni	Kilwa	Ilala	Kinondoni	Total
Naso hexacanthus	Puju	11.15	6.36	23.01	10.31	14.63	2.53	15.10	14.50	4.09	5.73	6.44	14.92	163.84	10.20	11.39	134.65	448.84
Netuma thalassina	Hongwe	58.11	106.74	40.14	52.12	30.32	80.62	344.27	85.54	9.79	14.27	11.11	26.57	40.70	3.96	3,526.26	60.14	4,490.66
Caesio xanthonota	Mbono	4.93	7.32	50.80	74.64	548.99	10.92	2.77	119.20	8.45	12.27	2.42	4.86	43.95	66.13	270.97	75.72	1,304.33
carenx tille	Karambizi	195.86	110.46	176.45	158.49	208.91	35.83	278.52	132.62	34.41	51.22	59.05	146.45	119.88	169.87	282.95	256.71	2,417.68
Clarius gariepin	Kambale	3.85	4.20	4.44	17.26	12.95	3.13	7.56	3.01	6.34	9.11	1.54	2.64	2.85	2.41	3.61	1.81	86.70

us																		
Chanidae	Mwatiko	2.77	11.39	43.38	85.54	11.15	4.33	2.05	183.52	1.59	1.99	1.01	1.34	1.78	1.09	263.30	2.89	619.10
Chirocentrus nudus	Mkonge	26.73	6.36	31.39	40.37	79.43	3.85	1.69	40.26	30.96	46.04	11.02	26.35	1.60	187.36	277.31	1.45	812.19
Sardinella neglecta	Dagaa papa	266.18	7.80	469.25	97.75	42.06	61.34	363.44	570.91	191.52	286.88	90.31	224.58	147.44	241.62	4,689.48	303.31	8,053.86
Gerres oblongus	Chaa	8.64	3.85	11.03	8.99	31.39	3.01	5.41	7.80	105.71	158.16	19.13	46.62	2.73	3.01	276.96	1.33	693.77
Pomadasys multimaculatum	Karamamba	8.64	3.85	11.03	8.99	31.39	3.01	5.41	7.80	105.71	158.16	19.13	46.62	2.73	3.01	276.96	1.33	693.77
Hemiramphus far	Chuchunge	7.56	4.93	15.82	17.62	4.33	43.49	1.69	6.48	2.60	3.49	1.54	2.64	4.77	2.77	301.27	2.89	423.89
Istiompax indica	Samsuri	120.04	277.55	7.56	9.12	75.84	27.08	3.01	25.77	5.95	11.15	6.36	23.01	24.94	2.53	15.10	14.50	649.50
Halichoeres nigrescens		50.45	5.04	59.30	32.95	12.35	4.44	1.69	4.80	3.65	58.11	106.74	40.14	82.43	80.62	344.27	85.54	972.53
Lethrinus harak	Changu doa	19.53	141.36	31.39	177.05	38.70	5.28	2.05	260.42	4.18	4.93	7.32	50.80	623.62	10.92	2.77	119.20	1,499.53
Uroteuthis duvaucelii	Ngisi	810.84	396.14	62.66	83.50	241.62	37.87	125.18	12.35	19.46	195.86	110.46	176.45	367.40	35.83	278.52	132.62	3,086.75
Valamugil buchanani	Mkizi	2.77	7.80	118.96	169.87	86.86	3.24	1.81	176.69	2.07	3.85	4.20	4.44	30.21	3.13	7.56	3.01	626.48
Upeneus tragula	Mkundaji	7.44	55.35	29.36	62.06	58.11	7.44	281.75	0.81	17.31	2.77	11.39	43.38	96.69	4.33	2.05	183.52	863.74
Nemipterus japonicus	Koana	6.12	2.53	45.89	151.66	27.08	3.13	20.26	50.45	7.06	26.73	6.36	31.39	119.81	3.85	1.69	40.26	544.25
Octopus chromatus	Pweza	99.79	64.22	91.65	155.13	15.10	1.57	3.24	290.13	114.43	266.18	7.80	1,610.88	139.81	61.34	363.44	570.91	3,855.62
Panulirus ornatus	Kamba koche	52.84	253.36	51.52	360.06	137.28	662.80	3.85	47.33	72.31	8.64	3.85	682.19	827.14	4.56	128.78	134.42	3,430.92
Penaeus Monodon	Kamba mti	3.13	398.30	5.28	122.79	9.36	12.23	12.35	49.13	1.74	8.64	3.85	11.03	40.40	3.01	5.41	7.80	694.44

Rachycentron canadum	Songoro	7.19	3.24	1.69	1.69	7.92	833.60	416.27	224.11	3.03	7.56	4.93	15.82	21.95	43.49	1.69	6.48	1,600.67
Pastinachus sephen	Taausinga	416.75	15.82	91.89	146.74	12.71	3.96	3.01	63.74	107.62	120.04	277.55	7.56	84.95	27.08	3.01	25.77	1,408.21
Gymnosarda unicolor	Jodari	531.02	1,091.49	79.55	158.84	51.04	10.44	79.43	160.77	21.00	50.45	5.04	59.30	45.30	4.44	3.84	4.80	2,356.75
Scomberomorus plurilineatus	Nguru-kanadi	286.30	3.85	207.72	125.90	280.67	169.51	270.13	105.90	21.57	19.53	141.36	31.39	215.76	5.28	2.05	204.10	2,091.03
Thunnus obesus	Jodarimachomakubwa	72.24	7.44	80.99	127.70	145.07	3.01	4.09	119.20	20.37	810.84	396.14	62.66	325.12	37.87	125.18	12.35	2,350.26
Xiphias gladius	Nduwaro	0.81	0.81	0.81	0.81	0.81	0.81	0.81	136.69	0.81	2.77	7.80	118.96	256.72	3.24	1.81	176.69	711.13
Euthynus affinis	Sehewa	0.81	72.01	0.81	0.81	431.36	0.81	4.09	0.81	0.81	7.44	55.35	29.36	120.17	7.44	281.75	0.81	1,014.59
Rastrelliger kanagurta	Vibua	8.64	3.85	682.19	133.10	694.05	4.56	128.78	134.42	111.80	167.29	145.58	362.78	120.36	939.73	465.61	313.96	4,416.71
Cephalopholis argus	Chewa	74.64	43.73	85.54	155.97	79.43	268.93	118.24	7.08	155.02	99.79	64.22	91.65	170.24	1.57	3.24	290.13	1,709.42
Carcharhinus falciformis	Papa	180.41	265.10	46.96	141.00	61.94	4.09	326.79	123.75	83.24	52.84	253.36	51.52	276.61	662.80	3.85	47.33	2,581.58
Siganus Canaliculatus	Tasi	92.85	276.96	106.98	134.77	273.84	3.96	21.57	69.60	224.54	3.13	398.30	5.28	132.15	12.23	12.35	49.13	1,817.64
Sphyraena obtusata	Msusa, Mzia	61.34	38.94	101.59	152.02	201.01	3.37	4.68	98.83	107.58	7.19	3.24	1.69	9.61	833.60	416.27	280.43	2,321.40
Others	Wengineo	344.27	145.31	346.90	131.30	322.00	363.32	373.27	106.14	228.85	416.75	15.82	91.89	159.46	3.96	3.01	63.74	3,115.99
Total		3,844.64	3,843.46	3,213.93	3,306.92	4,279.70	2,687.51	3,234.26	3,440.56	1,835.57	3,099.80	2,259.72	4,147.16	4,823.12	3,484.28	12,653.71	3,609.73	63,763.93

Table 26: The Value of fish (000's Tshs) for Marine Territorial waters by District by Species, 2020

Species Name (English)/District	Species Name (Swahili)	Muheza	Pangani	Tanga	Mkinga	Mafia	Kibiti	Mkuranga	Bagamoyo	Lindi Urban	Lindi Rural	Mtwara Urban	Mtwara Rural	Kigamboni	Kilwa	Ilala	Kinondoni	Total
Naso hexacanthus	**Puju**	55,789.90	31,827.50	115,084.06	51,595.93	73,155.41	12,670.93	75,558.33	72,554.69	20,402.53	28,612.49	32,250.24	74,601.61	819,227.18	50,995.20	56,991.36	673,283.46	**2,244,600.81**
Netuma thalassina	**Hongwe**	290,563.61	533,736.39	200,732.41	260,627.29	151,617.27	403,166.88	1,721,399.42	427,718.89	48,926.02	71,375.48	55,534.04	132,816.68	203,535.81	19,857.42	17,631,311.61	300,753.75	**22,453,672.95**
Caesio xanthonota	**Mbono**	24,641.00	36,622.21	254,030.40	373,219.44	2,744,963.38	54,588.45	13,861.26	596,023.06	42,206.76	61,307.71	12,114.70	24,285.02	219,710.99	330,701.19	1,354,854.75	378,614.87	**6,521,745.17**
carenx tille	**Karambizi**	979,332.52	552,303.36	882,303.70	792,472.50	1,044,611.71	179,172.92	1,392,589.42	663,104.44	172,053.17	256,077.33	295,291.57	732,221.63	599,427.19	849,363.74	1,414,749.63	1,283,590.52	**12,088,665.34**
Clarius gariepinus	**Kambale**	19,256.69	21,047.76	22,249.21	86,338.07	64,778.59	15,663.45	37,823.66	15,062.72	31,671.7	45,488.52	7,675.98	13,149.29	14,272.87	12,070.20	18,055.24	9,077.68	**433,681.68**
Chanidae	**Mwatiko**	13,861.26	56,991.36	216,896.46	427,718.89	55,789.90	21,648.49	10,268.01	917,646.57	7,954.09	9,912.02	5,083.95	6,685.89	8,877.44	5,484.43	1,316,530.48	14,461.99	**3,095,811.23**
Chirocentrus nudus	**Mkonge**	133,651.03	31,827.50	157,012.70	201,922.74	397,181.84	19,256.69	8,476.95	201,333.14	154,798.91	230,201.49	55,100.18	131,737.59	8,031.97	936,803.15	1,386,604.38	7,275.49	**4,061,215.74**
Sardinella neglecta	**Dagaa papa**	1,330,903.47	39,014.00	2,346,279.72	488,815.23	210,310.69	306,738.79	1,817,226.79	2,854,563.01	957,606.16	1,434,395.69	451,536.67	1,122,839.95	737,172.08	1,208,121.18	23,447,422.96	1,516,573.16	**40,269,519.54**
Gerres	**Chaa**																	

oblongus		4,015.98	4,015.98	4,015.98	4,015.98	671,481.27	4,015.98	4,015.98	671,481.27	4,015.98	30,637.17	12,670.93	229,478.39	893,773.17	15,663.45	101,311.80	252,239.34	**2,906,848.66**
Pomadasys multimaculatum	**Karamamba**	43,207.97	19,256.69	55,189.17	45,010.16	157,012.70	15,062.72	27,043.92	39,014.00	528,530.07	790,803.81	95,638.25	233,082.76	13,672.14	15,062.72	1,384,802.19	6,674.76	**3,469,064.04**
Hemiramphus far	**Chuchunge**	37,823.66	24,641.00	79,151.58	88,129.14	21,648.49	217,497.19	8,476.95	32,428.23	12,982.42	17,465.63	7,675.98	13,149.29	23,851.16	13,861.26	1,506,383.02	14,461.99	**2,119,626.98**
Istiompax indica	**Samsuri**	600,217.04	1,387,794.71	37,823.66	45,610.89	379,204.48	135,442.09	15,062.72	128,856.32	29,758.32	55,789.90	31,827.50	115,084.06	124,751.34	12,670.93	75,558.33	72,554.69	**3,248,006.98**
Halichoeres nigrescens		252,239.34	25,241.73	296,559.77	164,788.80	61,774.94	22,249.21	8,476.95	24,051.40	18,244.36	290,563.61	533,736.39	200,732.41	412,244.56	403,166.88	1,721,399.42	427,718.89	**4,863,188.65**
Lethrinus harak	**Changudoa**	97,718.55	706,824.15	157,012.70	885,296.22	193,545.91	26,443.19	10,268.01	1,302,157.49	20,880.89	24,641.00	36,622.21	254,030.40	3,118,182.82	54,588.45	13,861.26	596,023.06	**7,498,096.30**
Uroteuthis duvaucelii	**Ngisi**	4,054,218.37	1,980,736.26	313,324.55	417,539.87	1,208,121.18	189,351.93	625,970.51	61,774.94	97,306.94	979,332.52	552,303.36	882,303.70	1,837,084.21	179,172.92	1,392,589.42	663,104.44	**15,434,235.12**
Valamugil buchanani	**Mkizi**	13,861.26	39,014.00	594,821.61	849,363.74	434,304.65	16,264.18	9,077.68	883,505.16	10,345.88	19,256.69	21,047.76	22,249.21	151,105.54	15,663.45	37,823.66	15,062.72	**3,132,767.18**
Upeneus tragula	**Mkundaji**	37,222.93	276,791.34	146,822.56	310,332.03	290,563.61	37,222.93	1,408,764.60	4,015.98	86,527.19	13,861.26	56,991.36	216,896.46	483,508.79	21,648.49	10,268.01	917,646.57	**4,319,084.13**
Nemipterus japonicus	**Koana**	30,637.17	12,670.93	229,478.39	758,331.08	135,442.09	15,663.45	101,311.80	252,239.34	35,265.00	133,651.03	31,827.50	157,012.70	599,104.58	19,256.69	8,476.95	201,333.14	**2,721,701.83**
Octopus chromatus	**Pweza**	498,994.24	321,111.78	458,267.06	775,696.59	75,558.33	7,876.22	16,264.18	1,450,682.11	572,138.53	1,330,903.47	39,014.00	8,054,437.89	699,125.92	306,738.79	1,817,226.79	2,854,563.01	**19,278,598.90**
Panulirus ornatus	**Kambakoche**	264,	1,26	257,	1,80	686,	3,31	19,2	236,	361,	43,2	19,2	3,41	4,135	22,84	643,	672,	**17,15**

		220.54	6,814.61	623.65	0,306.26	454.99	4,031.52	56.69	664.89	560.85	07.97	56.69	0,971.35	,761.73	9.94	936.75	082.00	**5,000.44**
Penaeus Monodon	**Kambamti**	15,663.45	1,991,516.00	26,443.19	613,989.30	46,801.22	61,174.21	61,774.94	245,653.57	8,666.07	43,207.97	19,256.69	55,189.17	201,944.99	15,062.72	27,043.92	39,014.00	**3,472,401.42**
Rachycentron canadum	**Songoro**	36,021.48	16,264.18	8,476.95	8,476.95	39,614.73	4,168,011.97	2,081,358.33	1,402,178.83	15,140.59	37,823.66	24,641.00	79,151.58	109,777.62	217,497.19	8,476.95	32,428.23	**8,285,340.23**
Pastinachus sephen	**Taausinga**	2,083,750.12	79,151.58	459,468.51	733,767.95	63,577.13	19,857.42	15,062.72	318,719.99	538,119.49	600,217.04	1,387,794.71	37,823.66	424,815.36	135,442.09	15,062.72	128,856.32	**7,041,486.81**
Gymnosarda unicolor	**Jodari**	2,655,121.05	5,457,498.53	397,771.44	794,263.56	255,231.86	52,196.66	397,181.84	803,841.85	104,982.92	252,239.34	25,241.73	296,559.77	226,574.87	22,249.21	8,476.95	24,051.40	**11,773,482.97**
Scomberomorus plurilineatus	**Nguru-kanadi**	1,431,525.54	19,256.69	1,038,626.67	629,563.75	1,403,369.16	847,572.68	1,350,660.77	529,542.41	107,841.94	97,718.55	706,824.15	157,012.70	1,078,842.13	26,443.19	10,268.01	1,302,157.49	**10,737,225.84**
Thunnus obesus	**Jodari macho makubwa**	361,238.24	37,222.93	404,957.94	638,541.31	725,391.12	15,062.72	20,458.15	596,023.06	101,856.90	4,054,218.37	1,980,736.26	313,324.55	1,625,661.06	189,351.93	625,970.51	61,774.94	**11,751,789.99**
Xiphias gladius	**Nduwaro**	4,015.98	4,015.98	4,015.98	4,015.98	4,015.98	4,015.98	4,015.98	683,462.47	4,015.98	13,861.26	39,014.00	592,874.80	1,283,679.52	16,264.18	9,077.68	883,505.16	**3,553,866.92**
Euthynus affinis	**Sehewa**	4,015.98	360,047.90	4,015.98	4,015.98	2,156,816.54	4,015.98	20,458.15	4,015.98	4,015.98	37,222.93	276,791.34	146,822.56	600,895.64	37,222.93	1,408,764.60	4,015.98	**5,073,154.49**
Rastrelliger kanagurta	**Vibua**	43,207.97	19,256.69	3,410,971.35	665,496.23	3,470,265.50	22,849.94	643,936.75	672,082.00	558,967.00	836,425.82	727,960.90	1,813,878.28	601,818.98	4,698,655.72	2,328,113.23	1,569,871.15	**22,083,757.53**
Cephalopholis argus	**Chewa**	373,219.44	218,698.65	427,718.89	779,890.57	397,181.84	1,344,675.73	591,228.36	35,420.75	775,051.36	498,994.24	321,111.78	458,267.06	851,254.92	7,876.22	16,264.18	1,450,682.11	**8,547,536.09**
Carcharhinus	**Papa**	902,072.	1,325,50	234,862.	705,021.	309,731.	20,458.1	1,633,96	618,784.	416,171.	264,220.	1,266,81	257,623.	1,383,100.	3,314,031.	19,256.6	236,664.	**12,908,281**

falciformis		12	8.04	70	96	31	5	0.01	01	54	54	4.61	65	13	52	9	89	**.87**
Siganus Canaliculatus	**Tasi**	464,252.10	1,384,802.19	534,926.72	673,873.06	1,369,227.74	19,846.30	107,886.44	348,055.58	1,122,673.08	15,652.32	1,991,516.00	26,443.19	660,790.53	61,174.21	61,774.94	245,642.44	**9,088,536.85**
Sphyraena obtusata	**Msusa, Mzia**	306,738.79	194,736.24	507,971.80	760,122.14	1,005,085.98	16,853.78	23,439.55	494,199.54	537,874.74	36,021.48	16,253.05	8,465.83	48,080.55	4,168,011.97	2,081,341.20	1,402,167.70	**11,607,370.34**
Others	**Wengineo**	1,721,391.42	726,581.45	1,734,570.96	656,507.55	1,609,976.61	1,816,626.06	1,866,341.93	530,732.75	1,144,232.57	2,083,750.12	79,140.45	459,457.39	797,345.08	19,846.30	15,062.72	318,708.86	**15,580,301.21**
Total		**19,184,618.22**	**19,202,840.32**	**16,019,478.44**	**16,494,677.15**	**21,913,829.15**	**13,427,244.79**	**16,148,948.57**	**18,117,590.42**	**8,652,786.00**	**14,739,058.43**	**11,291,695.91**	**20,730,460.66**	**24,997,002.83**	**17,422,869.85**	**61,975,180.30**	**18,536,276.20**	**318,819,664.21**

Table 27: Marine species percentage composition 2020

Species/District	Swahili	Muheza	Pangani	Tanga	Mkinga	Mafia	Kibiti	Mkuranga	Bagamoyo	Lindi Urban	Lindi Rural	Mtwara Urban	Mtwara Rural	Kigamboni	Kilwa	Ilala	Kinondoni	Total
Naso hexacanthus	Puju	0.02	0.01	0.04	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.01	0.02	0.26	0.02	0.02	0.21	0.70
Netuma thalassina	Hongwe	0.09	0.17	0.06	0.08	0.05	0.13	0.54	0.13	0.02	0.02	0.02	0.04	0.06	0.01	5.53	0.09	7.04
Caesio xanthonota	Mbono	0.01	0.01	0.08	0.12	0.86	0.02	0.00	0.19	0.01	0.02	0.00	0.01	0.07	0.10	0.42	0.12	2.05
carenx tille	Karambizi	0.31	0.17	0.28	0.25	0.33	0.06	0.44	0.21	0.05	0.08	0.09	0.23	0.19	0.27	0.44	0.40	3.79
Clarius gariepinus	Kambale	0.01	0.01	0.01	0.03	0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.14
Chanidae	Mwatiko	0.00	0.02	0.07	0.13	0.02	0.01	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.97
Chirocentrus nudus	Mkonge	0.04	0.01	0.05	0.06	0.12	0.01	0.00	0.06	0.05	0.07	0.02	0.04	0.00	0.29	0.43	0.00	1.27
Sardinella neglecta	Dagaa papa	0.42	0.01	0.74	0.15	0.07	0.10	0.57	0.90	0.30	0.45	0.14	0.35	0.23	0.38	7.35	0.48	12.63
Gerres oblongus	Chaa	0.01	0.01	0.02	0.01	0.05	0.00	0.01	0.01	0.17	0.25	0.03	0.07	0.00	0.00	0.43	0.00	1.09

Pomadasys multimaculatum	Karamamba	0.01	0.01	0.02	0.01	0.05	0.00	0.01	0.01	0.17	0.25	0.03	0.07	0.00	0.00	0.43	0.00	1.09
Hemiramphus far	Chuchunge	0.01	0.01	0.02	0.03	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.47	0.00	0.66
Istiompax indica	Samsuri	0.19	0.44	0.01	0.01	0.12	0.04	0.00	0.04	0.01	0.02	0.01	0.04	0.04	0.00	0.02	0.02	1.02
Halichoeres nigrescens		0.08	0.01	0.09	0.05	0.02	0.01	0.00	0.01	0.01	0.09	0.17	0.06	0.13	0.13	0.54	0.13	1.53
Lethrinus harak	Changu doa	0.03	0.22	0.05	0.28	0.06	0.01	0.00	0.41	0.01	0.01	0.01	0.08	0.98	0.02	0.00	0.19	2.35
Uroteuthis duvaucelii	Ngisi	1.09	0.62	0.10	0.13	0.38	0.06	0.20	0.02	0.03	0.31	0.17	0.28	0.58	0.06	0.44	0.21	4.66
Valamugil buchanani	Mkizi	0.00	0.01	0.19	0.27	0.14	0.01	0.00	0.28	0.00	0.01	0.01	0.01	0.05	0.00	0.01	0.00	0.98
Upeneus tragula	Mkundaji	0.01	0.09	0.05	0.10	0.09	0.01	0.44	0.00	0.03	0.00	0.02	0.07	0.15	0.01	0.00	0.29	1.35
Nemipterus japonicus	Koana	0.01	0.00	0.07	0.24	0.04	0.00	0.03	0.08	0.01	0.04	0.01	0.05	0.19	0.01	0.00	0.06	0.85
Octopus chromatus	Pweza	0.16	0.10	0.14	0.24	0.02	0.00	0.01	0.46	0.18	0.42	0.01	2.53	0.22	0.10	0.57	0.90	6.05
Panulirus ornatus	Kamba koche	0.08	0.40	0.08	0.56	0.22	1.04	0.01	0.07	0.11	0.01	0.01	1.07	1.30	0.01	0.20	0.21	5.38
Penaeus Monodon	Kamba mti	0.00	0.62	0.01	0.19	0.01	0.02	0.02	0.08	0.00	0.01	0.01	0.02	0.06	0.00	0.01	0.01	1.09
Rachycentron canadum	Songoro	0.01	0.01	0.00	0.00	0.01	1.31	0.65	0.44	0.00	0.01	0.01	0.02	0.03	0.07	0.00	0.01	2.60
Pastinachus sephen	Taa usinga	0.65	0.02	0.14	0.23	0.02	0.01	0.00	0.10	0.17	0.19	0.44	0.01	0.13	0.04	0.00	0.04	2.21
Gymnosarda unicolor	Jodari	0.83	1.71	0.12	0.25	0.08	0.02	0.12	0.25	0.03	0.08	0.01	0.09	0.07	0.01	0.01	0.01	3.70
Scomberomorus plurilineatus	Nguru-kanadi	0.45	0.01	0.33	0.20	0.44	0.27	0.42	0.17	0.03	0.03	0.22	0.05	0.34	0.01	0.00	0.41	3.37
Thunnus obesus	Jodari macho makubwa	0.11	0.01	0.13	0.20	0.23	0.00	0.01	0.19	0.03	1.27	0.62	0.10	0.51	0.06	0.20	0.02	3.69
Xiphias gladius	Nduwaro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.01	0.19	0.40	0.01	0.00	0.28	1.12
Euthynus affinis	Sehewa	0.00	0.11	0.00	0.00	0.68	0.00	0.01	0.00	0.00	0.01	0.09	0.05	0.19	0.01	0.44	0.00	1.59
Rastrelliger kanagurta	Vibua	0.01	0.01	1.07	0.21	1.09	0.01	0.20	0.21	0.18	0.26	0.23	0.57	0.19	1.47	0.73	0.49	6.93
Cephalopholis argus	Chewa	0.12	0.07	0.13	0.24	0.12	0.42	0.19	0.01	0.24	0.16	0.10	0.14	0.27	0.00	0.01	0.46	2.68

Carcharhinus falciformis	Papa	0.28	0.42	0.07	0.22	0.10	0.01	0.51	0.19	0.13	0.08	0.40	0.08	0.43	1.04	0.01	0.07	4.05
Siganus Canaliculatus	Tasi	0.15	0.43	0.17	0.21	0.43	0.01	0.03	0.11	0.35	0.00	0.62	0.01	0.21	0.02	0.02	0.08	2.85
Sphyraena obtusata	Msusa, Mzia	0.10	0.06	0.16	0.24	0.32	0.01	0.01	0.15	0.17	0.01	0.01	0.00	0.02	1.31	0.65	0.44	3.64
Others	Wengineo	0.54	0.23	0.54	0.21	0.50	0.57	0.59	0.17	0.36	0.65	0.02	0.14	0.25	0.01	0.00	0.10	4.89
Total	Puju	5.85	6.03	5.04	5.19	6.71	4.21	5.07	5.48	2.88	4.86	3.54	6.50	7.56	5.46	19.84	5.75	100.00

Table 28: Weight of fish (MT) for Tanga Region by District and by month for 2020

District/ Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Muheza	286.95	297.01	287.92	393.44	392.96	333.55	280.13	300.13	365.06	234.49	329.60	335.46	3,836.70
Pangani	238.93	215.79	209.11	437.23	436.05	331.63	276.79	385.61	359.80	315.78	305.39	328.25	3,840.37
Tanga	405.77	321.09	275.21	197.47	206.33	260.83	315.09	258.08	277.72	253.65	197.94	234.61	3,203.79
Mkinga	421.04	362.97	274.47	178.33	177.65	260.09	309.65	247.05	289.50	273.40	231.35	273.27	3,298.74
Total	**1,352.69**	**1,196.86**	**1,046.71**	**1,206.47**	**1,212.99**	**1,186.10**	**1,181.66**	**1,190.87**	**1,292.07**	**1,077.32**	**1,064.29**	**1,171.59**	**14,179.61**

Table 29: Value of fish caught (000's Tshs) for Tanga Region by District and by month, 2020

District/ Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Muheza	1,434,860.57	1,485,170.70	1,439,652.01	1,967,309.46	1,964,913.73	1,667,844.39	1,400,721.56	1,500,742.88	1,825,363.01	1,172,529.18	1,648,079.69	1,677,427.28	19,184,614.47
Pangani	1,194,736.99	1,079,023.70	1,045,603.39	2,186,265.83	2,180,336.41	1,658,189.12	1,383,998.91	1,928,126.93	1,799,057.50	1,579,190.25	1,527,023.37	1,641,299.30	19,202,851.69
Tanga	2,028,916.50	1,605,472.90	1,376,082.66	987,377.01	1,031,697.83	1,304,211.04	1,575,526.39	1,290,435.65	1,388,660.20	1,268,275.23	989,772.72	1,173,045.34	16,019,473.50
Mkinga	2,105,310.85	1,814,949.53	1,372,400.06	891,698.74	888,284.83	1,300,528.44	1,548,305.83	1,235,304.96	1,447,565.79	1,367,069.58	1,156,845.10	1,366,410.75	16,494,674.47
Total	**6,763,824.92**	**5,984,616.83**	**5,233,738.13**	**6,032,651.03**	**6,065,232.80**	**5,930,773.00**	**5,908,552.69**	**5,954,610.42**	**6,460,646.50**	**5,387,064.25**	**5,321,720.88**	**5,858,182.67**	**70,901,614.13**

Table 30: Weight of fish caught in metric tons for Coast Region by District and by month for 2020

District/ District	JAN	FEB	MARCH	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Total
Mafia	314.74	223.43	297.13	357.23	309.11	328.37	394.40	396.27	529.71	405.91	406.11	420.14	4,382.55
Rufiji/Kibiti	87.05	119.90	111.25	102.76	198.31	257.99	231.00	311.75	246.50	372.39	300.79	345.62	2,685.30
Mkuranga	316.90	172.12	328.87	275.25	304.22	212.73	339.93	218.48	184.96	269.91	310.37	295.87	3,229.61
Bagamoyo	166.99	244.01	196.89	391.76	192.41	253.64	409.72	363.53	326.97	391.87	384.56	300.97	3,623.31

Total	885.68	759.46	934.14	1,127.00	1,004.05	1,052.73	1,375.05	1,290.03	1,288.13	1,440.08	1,401.83	1,362.60	13,920.77

Table 31: The Value of fish (000's Tshs) for Pwani Region by District and by month, 2020

District/Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Mafia	1573757.5	1117193	1485714.7	1786198	1545667.7	1641975.6	1972106	1981449.3	2648657.4	2029663.1	2030681.5	2100816	21913879.74
Rufiji/kibiti	435253.55	599540.09	556297.34	513833.19	991599.77	1289986.7	1155047.8	1558846.5	1232549.4	1862025	1504044.4	1728164	13427187.82
Mkuranga	1584585.6	860658.79	1644418.8	1376337.7	1521158.9	1063696.1	1699759.9	1092444.8	924804.21	1349625.4	1551943.9	1479473.5	16148907.68
Bagamoyo	835004.61	1220116.7	984497.58	1958897	962097.6	1268270.7	2048736.6	1817729.2	1634935.7	1959436.1	1922961.2	1504908	18117591.23
Total	**4428601.3**	**3797508.6**	**4670928.4**	**5635265.9**	**5020524**	**5263929.2**	**6875650.3**	**6450469.8**	**6440946.8**	**7200749.6**	**7009631**	**6813361.5**	**69,607,566.48**

Table 32: Weight of fish (MT) for Dar es Salaam Region by District and by month, 2020

District/Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Ilala	731.97	962.01	1,122.32	1,828.14	1,247.21	1,588.04	894.69	1,105.45	879.57	884.13	846.01	616.04	12,705.59
Kinondoni	323.41	106.01	342.25	464.10	187.27	240.57	349.86	392.84	517.00	353.33	250.72	201.97	3,729.34
Kigamboni	330.42	392.33	370.65	369.37	414.13	500.61	353.85	406.70	344.29	336.39	341.24	516.34	4,676.32
Total	1,385.79	1,460.35	1,835.22	2,661.60	1,848.61	2,329.23	1,598.39	1,904.99	1,740.86	1,573.86	1,437.97	1,334.35	21,111.24

Table 33: Value of fish in (000's Tshs) for Dar es Salaam Region by District and by month for 2020

District/Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Ilala	3,659,548.62	4,809,672.75	5,611,188.81	9,140,011.56	6,235,605.47	7,939,631.11	4,473,087.71	5,526,847.17	4,397,547.61	4,420,366.68	4,229,741.36	3,079,977.91	63,523,226.77
Kinondoni	1,616,932.37	530,049.44	1,711,132.91	2,320,340.41	936,308.00	1,202,798.72	1,749,185.83	1,964,097.69	2,584,847.32	1,766,559.12	1,253,535.95	1,009,768.79	18,645,556.55
Kigamboni	1,651,965.88	1,961,549.73	1,853,162.01	1,846,789.80	2,070,510.77	2,502,947.29	1,769,153.24	2,033,353.56	1,721,361.64	1,681,565.38	1,706,092.38	2,581,577.98	23,380,029.64

Table 34*:* Weight of fish (MT) for Lindi Region by District and by month, 2020

District/Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Kilwa	337.40978	307.36644	330.13161	240.11663	314.04855	367.24397	238.14024	276.92573	203.90359	265.60066	298.02776	305.5469	3,484.46
Lindi Rural	254.54747	273.04614	170.629	192.52623	245.39748	206.45513	184.93435	284.53852	227.37985	317.4262	334.56544	256.31473	2,947.76
Lindi urban	129.8671	163.15215	168.54803	130.54682	147.48737	144.48617	122.95494	102.77268	165.41089	135.71264	152.81005	166.79123	1,730.54
Total	721.82435	743.56473	669.30864	563.20014	706.9334	718.18527	546.02953	664.23694	596.70479	718.7395	785.39325	728.6424	8,162.76

Table 35: Value of fish (000's Tshs) for Lindi Region by District by month for 2020

District/ Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Kilwa	4,362,876.97	3,974,422.84	4,268,861.14	3,104,892.77	4,060,849.24	4,748,698.01	3,079,336.56	3,580,857.47	2,636,672.33	3,434,335.32	3,853,611.76	3,950,880.16	45,056,294.58
Lindi Rural	3,291,410.88	3,530,554.87	2,206,279.46	2,489,411.11	3,173,077.97	2,669,543.47	2,391,213.36	3,679,090.64	2,940,129.39	4,105,027.05	4,326,049.44	3,314,179.13	38,115,966.75
Lindi urban	1,679,304.61	2,109,672.77	2,179,371.46	1,688,073.05	1,907,081.85	1,868,205.46	1,589,875.30	1,328,892.37	2,138,791.33	1,754,828.93	1,975,851.26	2,156,603.24	22,376,551.63
Total	9,333,592.46	9,614,650.48	8,654,512.07	7,282,376.92	9,141,009.05	9,286,446.94	7,060,425.22	8,588,840.48	7,715,593.05	9,294,191.30	10,155,512.46	9,421,662.53	105,548,812.96

Table 36: Weight of fish (MT) for Mtwara Region by District by month, 2020

District/Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Mtwara Urban	96.362300 75	70.773744 05	216.817791	166.508618	202.418345 7	204.813024 7	136.444416 7	138.839095 7	191.145577 4	264.606799 6	245.553938 8	308.903132 3	2,243.19
Mtwara Rural	261.825207 4	379.080820 9	369.951760 8	393.427980 6	375.462659 6	381.454585 6	317.289737 3	273.631288 5	245.543481 7	387.561082 8	369.575304 7	391.556157 3	4,146.36
Total	358.187508 1	449.854564 9	586.769551 8	559.936598 6	577.881005 3	586.267610 3	453.734154	412.470384 2	436.689059 1	652.167882 4	615.129243 5	700.459289 5	6,389.55

Table 37: Value of fish (000's Tshs) for Lindi Region by District and by month for 2020

District/ Month	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total

Mtwara Urban	481,789.41	353,880.41	1,084,049.86	832,515.11	1,012,063.01	1,024,040.85	682,193.15	694,170.99	955,689.28	1,323,007.87	1,227,710.94	1,544,478.23	11,215,589.11
Mtwara Rural	1,309,123.39	1,895,379.03	1,849,735.65	1,967,118.53	1,877,284.69	1,907,229.31	1,586,410.51	1,368,114.27	1,227,674.04	1,937,720.67	1,847,886.86	1,957,723.70	20,731,400.64
Total	1,790,912.79	2,249,259.44	2,933,785.51	2,799,633.64	2,889,347.70	2,931,270.16	2,268,603.65	2,062,285.26	2,183,363.32	3,260,728.54	3,075,597.80	3,502,201.93	31,946,989.75

2.2.4 Lake Nyasa

Table 38: The status of artisanal fishing effort in Lake Nyasa for 2020

Item/Region	Mbeya (Kyela)	Ruvuma (Mbinga)	Iringa (Ludewa)	Total
Number of Landing sites	20	70	24	114
Number of fishing vessels	669	1,357	606	2,632
Number of fishers	2,073	2,375	1,102	5,550
Fishing gears				
Gillnets by size				
GN < 2.5-3"	355	14,329	549	15,233
GN 3.5-5"	141	3,098	707	3,946
Total number of GN <5"	**496**	**17,427**	**1,256**	**19,179**
GN 6"	46	463	165	674
GN 7"	4	210	43	257
GN 8"	3	37	23	63
GN 9"	1	0	120	121
GN 10"	0	0	0	0
GN > 10"	3	0	0	3
Total number of GN ≥ 5"	**57**	**710**	**351**	**1,118**
Total number of Gillnets	**553**	**18,137**	**1,607**	**20,297**
Ring nets				
RN < 5 mm	5	0	255	260
RN 6 to 9 mm	0	0	140	140
RN 10 mm	1	0	0	1
Total Ring nets				401

Lift Nets(mesh size)				
LN < 5 mm	1	0	237	238
Total Lift nets				
Hooks				
No. of Hand lines	102	190	0	292
No. Long line hooks				
LL <4	25	0	0	25
LL 4-7	20	3,483	500	4,003
LL 8-9	169	62,799	7,300	70,268
LL >10	8	80,440	0	80,448
Total Long line hooks				**155,036**
Other gears				
Traps	26	523	5	554
Light	228	225	501	954

Table 39: Weight of fish (MT) for Lake Nyasa 2020

Region/Month	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec.	Total
Mbeya (Kyela)	66.01	108.00	83.09	64.99	126.40	195.78	188.19	245.83	210.75	140.04	216.82	122.32	1,768.23
Iringa (Ludewa)	51.89	117.11	162.07	138.52	168.51	132.01	183.06	195.75	196.25	233.14	238.74	244.65	2,061.70
Ruvuma (Mbinga)	327.62	356.19	365.95	373.51	395.55	312.85	378.72	384.98	337.92	363.47	459.32	366.98	4,423.05
Total	445.52	581.30	611.12	577.02	690.46	640.64	749.97	826.56	744.92	736.65	914.88	733.95	8,252.97

Table 40: Value of fish (000's Tshs) for Lake Nyasa by Region by month, 2020

Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Mbeya (Kyela)	387,638.98	572,490.18	901,037.14	590,571.87	616,286.77	671,025.25	851,145.61	767,122.33	1,112,038.59	651,695.54	559,052.26	677,642.62	8,357,747.15
Iringa (Ludewa)	332,842.45	648,531.97	1,004,883.53	847,894.96	416,401.35	778,180.32	1,064,178.70	822,760.54	573,767.22	993,419.21	953,395.69	628,853.98	9,065,109.92
Ruvuma (Mbinga)	1,843,345.83	2,174,359.79	2,426,719.85	1,841,140.03	2,124,961.65	1,634,956.50	2,067,959.34	1,897,329.69	1,838,673.03	1,736,800.25	2,232,319.89	2,023,466.18	23,842,032.02
TOTAL	**2,563,827.26**	**3,395,381.94**	**4,332,640.52**	**3,279,606.87**	**3,157,649.77**	**3,084,162.06**	**3,983,283.65**	**3,487,212.56**	**3,524,478.84**	**3,381,915.00**	**3,744,767.84**	**3,329,962.78**	**41,264,889.09**

Table 41: Weight (MT) for Lake Nyasa by species and by month, 2020

Month/Species	Tilapia	Haplo	Rampho	Labeo	Bagrus	Clarias	Barbas	Barilius	Dagaa	Others	Total
Jan	103.25	123.85	84.97	18.46	63.69	28.41	18.53	70.96	62.84	34.81	**609.77**
Feb	102.77	113.17	55.91	24.73	94.18	42.07	44.12	65.06	95.66	63.66	**701.32**
March	102.74	83.40	63.11	18.47	62.91	52.75	54.76	109.59	68.77	78.79	**695.27**
April	59.48	108.37	63.53	26.63	61.93	58.40	24.59	89.05	93.07	37.88	**622.94**
May	57.34	131.47	113.62	14.49	50.76	50.74	33.89	68.87	90.24	40.03	**651.44**
June	51.69	96.79	106.95	18.51	52.29	36.86	46.73	124.30	95.86	35.32	**665.30**
July	112.96	80.53	73.18	13.52	28.68	28.77	29.44	77.72	124.39	33.79	**602.98**
Aug.	65.96	100.98	103.95	25.21	58.87	60.46	22.07	117.22	88.65	57.16	**700.53**
Sept.	102.99	109.60	96.16	26.80	113.02	93.61	31.85	110.44	75.77	62.65	**822.89**
Oct.	65.09	103.77	95.27	15.96	63.53	40.03	24.28	75.84	107.08	91.56	**682.41**
Nov.	72.72	80.39	88.05	17.15	119.64	9.81	20.16	50.38	133.57	54.99	**646.87**
Dec.	101.16	123.39	110.02	49.25	123.37	65.56	24.81	93.15	120.73	39.80	**851.24**
Total	**998.13**	**1,255.72**	**1,054.72**	**269.20**	**892.86**	**567.47**	**375.23**	**1,052.58**	**1,156.63**	**630.43**	**8,252.97**

Table 42: Value of fish (000's Tshs) for Lake Nyasa by species and by month, 2020

Month/Species	Tilapia	Haplo	Rampho	Labeo	Bagrus	Clarias	Barbas	Barilius	Dagaa	Others	Total
Jan.	516,237.03	619,274.99	424,871.94	92,310.16	318,436.85	142,041.17	92,642.21	354,809.19	314,196.81	174,045.78	**3,048,866.13**
Feb.	513,836.05	565,865.87	279,561.34	123,650.66	470,899.31	210,367.04	220,583.99	325,307.75	478,281.06	318,283.59	**3,506,636.65**
March	513,708.34	416,979.35	315,550.56	92,335.70	314,528.86	263,725.07	273,814.31	547,935.12	343,851.51	393,940.12	**3,476,368.94**
April	297,389.93	541,856.04	317,645.03	133,177.97	309,650.27	292,000.48	122,961.02	445,254.76	465,356.61	189,396.74	**3,114,688.85**
May	286,687.67	657,358.68	568,088.06	72,438.19	253,789.08	253,686.91	169,473.69	344,336.82	451,180.59	200,150.08	**3,257,189.78**
June	258,437.80	483,951.47	534,755.26	92,565.58	261,426.26	184,288.27	233,661.69	621,497.18	479,302.75	176,600.01	**3,326,486.26**
July	564,793.10	402,650.07	365,894.59	67,610.68	143,394.92	143,829.14	147,226.27	388,601.76	621,982.49	168,937.30	**3,014,920.31**
Aug.	329,777.66	504,921.76	519,736.34	126,077.18	294,324.84	302,319.60	110,343.08	586,120.98	443,262.45	285,793.68	**3,502,677.59**
Sept.	514,959.91	547,986.21	480,809.75	134,020.86	565,125.15	468,064.10	159,231.19	552,175.16	378,844.57	313,251.74	**4,114,468.66**
Oct.	325,435.46	518,867.90	476,339.84	79,819.94	317,645.03	200,150.08	121,377.39	379,227.71	535,393.82	457,796.07	**3,412,053.23**
Nov.	363,621.31	401,934.88	440,248.45	85,771.31	598,228.07	49,066.91	100,790.23	251,873.40	667,856.60	274,938.17	**3,234,329.35**
Dec.	505,790.20	616,950.63	550,080.69	246,254.08	616,874.01	327,810.90	124,033.79	465,739.75	603,668.60	199,000.68	**4,256,203.33**
Total	**4,990,674.45**	**6,278,597.85**	**5,273,581.85**	**1,346,032.32**	**4,464,322.64**	**2,837,349.69**	**1,876,138.86**	**5,262,879.58**	**5,783,177.86**	**3,152,133.97**	**41,264,889.07**

Table 43: General trend of fishing effort, fish catches and Value from fresh and Marine Territorial water (2000 – 2020)

Year	Fresh Water				Marine				Total			
	Fishers	F/Vessels	Weight (M.Ton.)	Values 000'	Fishers	F/Vessels	Weight (M.Ton.)	Values 000'	Fishers	F/Vessels	Weight (M.Ton.)	Values 000'
2000	81,704	25,014	271,000.00	45,500,000.00	20,625	5,157	49,900.00	32,180,000.00	102,329	30,171	320,900.00	77,680,000.00
2001	101,195	25,014	283,354.00	47,108,668.60	19,071	4,927	52,934.90	34,113,717.60	120,266	29,941	336,288.90	81,222,386.20
2002	105,499	31,225	273,856.00	54,771,300.00	19,071	4,927	49,674.50	33,372,136.00	124,570	36,152	323,530.50	88,143,436.00
2003	105,499	31,225	301,855.00	141,073,500.00	19,071	4,927	49,270.00	34,489,000.00	124,570	36,152	351,125.00	175,562,500.00
2004	103,443	32,248	312,040.00	147,743,000.00	19,071	4,927	50,470.00	40,376,000.00	122,514	37,175	362,510.00	188,119,000.00
2005	103,443	32,248	320,566.00	256,452,800.00	29,754	7,190	54,968.60	82,452,900.00	133,197	39,438	375,534.60	338,905,700.00
2006	126,790	44,362	292,518.70	263,266,839.00	29,754	7,190	48,590.50	72,885,750.00	156,544	51,552	341,109.20	336,152,589.00

2007	126,790	44,362	284,346.90	252,525,196.95	36,247	7,342	43,498.50	39,239,352.20	163,037	51,704	327,845.40	291,764,549.15
2008	133,791	44,832	281,690.90	319,639,171.00	36,247	7,342	43,130.20	51,756,216.00	170,038	52,174	324,821.00	371,395,387.00
2009	135,769	45,234	288,058.50	342,492,879.00	36,321	7,664	47,615.80	67,930,599.80	172,090	52,898	335,674.30	410,423,478.80
2010	141,206	47,635	294,474.00	684,844,020.00	36,321	7,664	52,683.40	89,639,934.00	177,527	55,299	347,157.40	774,483,954.00
2011	141,206	47,635	290,473.60	1,031,883,680.91	36,321	7,664	50,592.40	166,954,953.00	177,527	55,299	341,066.00	1,198,838,633.91
2012	146,420	49,321	314,944.00	1,129,349,924.72	36,321	7,664	50,079.40	177,781,799.00	182,741	56,985	365,023.40	1,307,131,723.72
2013	147,020	49,721	315,008.00	1,248,903,393.00	36,321	7,664	52,846.00	195,529,127.00	183,431	57,385	367,854.00	1,444,432,520.00
2014	147,479	49,627	314,061.54	1,287,248,813.00	36321	7,664	51,912.40	207,649,600.00	183,800	57,291	365,973.94	1,503,574,790.00
2015	147,479	49,627	309,922.00	1,270,856,679.85	36,321	7,664	52,723.00	210,892,897.14	183,800	57,291	362,645.00	1,481,749,577.00
2016	149,018	49,688	308,771.59	1,274,485,403.56	54,511	9,650	53,823.30	211,891,899.18	203,529	59,338	362,594.89	1,486,377,302.74
2017	149,018	49,688	332,373.00	1,495,678,680.00	54,511	9,650	55,170.00	248,262,840.00	203,529	59,338	387,543.00	1,743,941,520.00
2018	149,018	49,688	323,120.00	1,518,667,619.00	53,035	9,242	53,231.00	250,190,118.00	202,053	58,930	376,352.00	1,768,857,737.00
2019	149,018	49,688	409,332.72	1,923,863,802.48	53,035	9,242	60,976.51	286,589,597.96	202,053	58,930	470,309.23	2,210,453,400.44
2020	149,018	49,688	409,828.31	2,049,141,547.15	53,035	9,242	63,763.93	318,819,664.21	202,053	58,930	473,592.24	2,367,961,211.36

2.3 Export of fish and fishery Products

Apart from using fish as food, also fish is among the important traded commodity outside the country, whereby through fish export, the country is earning an revenue. Ministry of Livestock and Fisheries is responsible for coordinating trade of fish and fishery products to by setting an international standard and issuing fish export licences, fish export permits and controlling fish processing plants to ensure safety and quality of fish and fishery products as per the requirements of the external markets.

The general export performance in 2020 in terms of fish and fishery products export by destinations; fish and fishery products export by water body (Lake Victoria, Marine Territorial waters, Lake Tanganyika, Lake Nyasa, Lake Rukwa), trend of export of fish and fishery products from 2012-2020 and the list of potential of fish and fishery products exporters in 2020 is as shown in the table 44 to 54.

Table 44: **Export of fish and fishery products for 2020**

OVERALL MONTHLY PERFOMANCE, JANUARY TO DECEMBER, 2020					
Fishery Product	**Weight (Tons)**	**Ornamental Fish**	**Value(USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Aquarium Fish/L.Tang		128,316	417,040.00	961,062,090.66	193,869,850.33
Dried Dagaa/ L.Vict	11,140.25		6,272,074.69	14,511,906,457.71	4,594,868,311.72
Dried Dagaa/ Marine	1,092.49		2,710,416.52	6,259,864,416.12	559,997,803.92
Dried Dagaa/L. Nyasa	0.90		1,077.00	2,477,100.00	620,000.00
Dried dagaa/L.Tang	130.90		889,349.71	2,051,185,142.44	185,354,760.48
Dried Fish (Migebuka)/L.Tang	62.76		256,663.37	591,992,650.00	60,233,962.75
Dried Fish Chests	178.07		33,314.26	76,652,531.44	20,211,450.00
Dried Fish Heads	3,362.23		494,256.38	1,137,873,534.98	326,604,773.67
Dried Fish meal/L. Manyara	54.00		14,690.27	33,691,220.00	2,571,000.00
Dried Fish Meals/L.Vict	1,306.63		122,730.68	282,821,753.32	60,667,223.82
Dried Fish Offcuts	3.50		548.56	1,266,659.58	31,624,000.00
Dried Fish/L. Eyasi/Manyara	199.18		80,756.38	185,214,024.00	44,037,606.00
Dried Fish/L. Rukwa	403.95		1,074,958.45	2,477,641,306.34	209,007,112.00
Dried Fish/L.Tang	0.30096		902.87	2,077,500.00	277,000.00
Dried Furu/L.Vict	241.84		77,152.29	178,582,175.25	146,530,947.60
Dried Maws	582.05		50,145,098.43	114,652,284,478.75	3,943,088,702.48
Dried Offcuts	218.26		64,040.91	147,321,739.78	47,170,492.04
Dried Sangara/Kayabo	1,085.30		1,264,298.58	2,919,238,294.59	738,285,845.30
Dried Uduvi/L.Vict	1,060.35		43,723.14	106,328,355.70	50,658,030.00
Farmed Prawns	29.11		374,150.04	863,803,489.82	1,680,001.99
Fresh Fish (Mgebuka)/L.Tang	10.78		37,299.08	86,006,783.89	9,709,249.26
Fresh Fish Chests	104.42		21,600.00	49,766,785.50	12,373,034.44
Fresh Fish frames	559.08		111,438.60	257,106,728.50	25,417,190.05
Fresh Fish heads	464.19		55,106.00	126,960,720.50	41,689,258.60
Fresh Fish Meal/L. Manyara	42.00		11,981.50	27,300,000.00	1,914,600.00
Fresh Fish Offcuts	43.48		5,905.00	13,635,138.45	9,539,966.98
Fresh Fish/L. Tang	1.45		4,309.87	10,073,381.94	995,000.00
Fresh Fish/L.Rukwa	26.16		75,485.78	174,272,255.00	11,747,000.00
Fresh maws	0.76		15,947.83	36,679,824.00	3,813,645.62
Fresh Fillets	6,013.91		32,739,036.00	74,809,722,913.78	3,003,150,634.87
Fresh H&G	1,071.82		4,169,725.58	9,721,114,862.27	580,511,274.11
Frozen fillets	128.94		610,963.91	1,405,186,758.60	71,173,123.34
Fresh Migebuka/L.Tang	6.36		21,941.22	50,654,999.89	4,565,400.00
Fresh Steak	0.90		4,725.00	10,873,028.25	497,052.72

Fresh water shells	3.20		44.33	101,952.00	73,891.83
Frozen Fillets	6,616.03		32,763,494.89	74,532,796,217.11	3,451,121,272.45
Frozen Fish Chests	908.64		407,479.01	937,976,336.45	115,025,194.34
Frozen Fish Frame	52.50		10,500.00	24,158,000.00	2,424,913.00
Frozen Fish Heads	180.25		67,757.00	155,556,098.22	23,049,724.83
Frozen H&G	617.82		2,184,409.10	5,020,108,842.89	335,685,081.52
Frozen Lobster	4.80		88,975.50	205,518,105.33	15,516,808.44
Frozen maws	123.24		6,736,130.07	15,198,843,373.51	657,616,969.73
Frozen Octopus	373.09		5,205,979.13	11,346,015,297.66	688,156,917.04
Frozen Offcuts	551.43		341,078.67	784,780,795.90	126,878,927.17
Frozen Prawns	213.07		2,100,293.21	4,842,119,906.81	148,919,055.85
Frozen Squids	7.10		2,228,987.49	5,125,841,459.28	8,977,700.00
Live Crabs	307.47		11,951,794.10	27,500,682,676.28	711,455,355.99
Live-Lobsters	80.95		2,267,057.08	5,234,580,253.30	275,771,112.91
Sea Shells/Cowries	812.03		534,932.06	1,236,978,817.53	123,484,790.91
Smoked NP/L.Vict	0.04		217.61	500,500.00	27,800.00
Total	**40,477.97**	**128,316**	**169,111,837.12**	**386,369,197,733.30**	**21,678,640,820.11**

Table 45: Export of fish and fishery products by Destination for 2020

OVERALL MONTHLY PERFOMANCE, JANUARY TO DECEMBER, 2020					
PRODUCT	**WEIGHT (Tons)**	**Ornamental Fish (Live Fish)**	**FOB(USD)**	**FOB (TSHS)**	**ROYALTY**
Australia,	3,483.94		10,685,164.54	24,575,878,432.96	1,728,650,154.44
Bankok	2,904.71		875,918.74	2,036,406,936.05	1,256,095,548.12
Belgium	167.73	20,848	1,087,279.67	2,505,353,306.85	168,828,114.69
Berlin	3,596.91		1916120.737	4,424,744,328.16	1,524,647,525.51
Burundi	44.13	30,067	454,294.20	1,033,289,724.94	103,168,093.12
Canada	20.16	23,458	164,758.68	385,295,918.48	52,446,005.48
Chad	87.61	25,890	1,207,333.47	2,787,559,902.75	114,563,863.98
China,	2,160.81	1,815	2,458,875.9	5,655,414,768.9	705,921,234.51

			9	5	
Cyprus	1,228.30		1,726,688.50	3,971,383,550.37	592,528,085.49
DRC Congo	149.35		8,182,976.00	18,141,991,407.26	634,115,563.88
England	26.31		218,936.80	504,388,156.17	61,435,706.08
France,	2,019.09		6,277,587.65	14,484,371,425.90	786,169,454.67
Germany,	2,703.22		11,666,229.82	26,075,115,190.15	1,190,797,559.18
Holand	421.21		11,810,980.07	27,205,022,106.99	1,184,286,633.77
Hongkong	431.55	1,452	524,512.62	1,208,768,309.45	138,355,435.86
India	729.28		1,029,749.74	2,373,779,478.41	275,711,632.45
Islael	807.65		953,770.44	2,196,589,064.31	193,328,421.97
Italy	312.55		8,767,542.00	20,196,425,994.77	669,359,095.72
Kenya	794.12		5,515,134.24	12,733,537,101.55	657,901,653.30
South Korea	0.00	5,160	15,991.35	36,927,535.38	7,735,813.87
Malawi	1,024.59		433,469.61	942,219,886.17	523,583,941.88
Malysia	153.98		36,780.58	85,209,283.92	7,723,721.65
Netherlands	39.07		2,526,560.41	5,608,964,104.00	220,251,030.07
Philipine	4,562.96		24,072,042.42	54,813,607,713.28	2,271,488,221.33
Poland	491.76	7,415	138,964.88	326,824,662.24	128,571,161.05
Portugal	655.33		167,739.72	386,728,624.32	64,855,201.61
Prague	0.00	363	1,519.28	3,508,080.03	545,857.88
Rwanda	7,386.95		30,372,047.67	69,114,182,331.86	3,333,380,830.46
Spain	527.11		5,806,187.86	13,356,310,802.60	676,988,956.23
Taywan,	667.12	726	5,379,995.86	12,423,594,038.32	698,502,041.70
U.A.E,	331.89		2,517,884.22	5,239,464,291.25	239,689,737.56

U.S.A	185.86		10,787,915.69	24,930,244,517.23	166,989,372.74
Uganda	1,636.70		8,166,798.25	19,312,511,031.48	813,087,100.67
UK	193.44		2,783,895.61	6,408,753,615.78	400,207,140.35
Vietnum,	444.39	11,123	351,355.45	818,341,303.08	81,005,401.84
Zambia	88.21		28,834.36	66,490,807.89	5,725,507.00
Total	**40,477.97**	**128,316**	**169,111,837.12**	**386,369,197,733.30**	**21,678,640,820.11**

Table 46: Export of fish and fishery products from Lake Victoria for 2020

OVERALL MONTHLY PERFOMANCE FOR L. VICTORIA, JANUARY TO DECEMBER, 2020				
Fishery Product	**Weight (Tons)**	**Value (USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Dried Dagaa/ L.Vict	11,140.25	6,272,074.69	14,511,906,457.71	4,594,868,311.72
Dried Fish Chests	178.07	33,314.26	76,652,531.44	20,211,450.00
Dried Fish Heads	3,362.23	494,256.38	1,137,873,534.98	326,604,773.67
Dried Fish Meals/L.Vict	1,306.63	122,730.68	282,821,753.32	60,667,223.82
Dried Fish Offcuts	3.50	548.56	1,266,659.58	31,624,000.00
Dried Furu/L.Vict	241.84	77,152.29	178,582,175.25	146,530,947.60
Dried Maws	582.05	50,145,098.43	114,652,284,478.75	3,943,088,702.48
Dried Offcuts	218.26	64,040.91	147,321,739.78	47,170,492.04
Dried Sangara/Kayabo	1,085.30	1,264,298.58	2,919,238,294.59	738,285,845.30
Dried Uduvi/L.Vict	1,060.35	43,723.14	106,328,355.70	50,658,030.00
Fresh Fish Chests	104.42	21,600.00	49,766,785.50	12,373,034.44
Fresh Fish Frames	559.08	111,438.60	257,106,728.50	25,417,190.05
Fresh Fish heads	464.19	55,106.00	126,960,720.50	41,689,258.60
Fresh Fish Offcuts	43.48	5,905.00	13,635,138.45	9,539,966.98
Fresh maws	0.76	15,947.83	36,679,824.00	3,813,645.62
Fresh Fillets	6,013.91	32,739,036.00	74,809,722,913.78	3,003,150,634.87
Fresh H&G	1,071.82	4,169,725.58	9,721,114,862.27	580,511,274.11
Frozen fillets	128.94	610,963.91	1,405,186,758.60	71,173,123.34
Fresh Steak	0.90	4,725.00	10,873,028.25	497,052.72
Fresh water shells	3.20	44.33	101,952.00	73,891.83
Frozen Fillets	6,616.03	32,763,494.89	74,532,796,217.11	3,451,121,272.45
Frozen Fish Chests	908.64	407,479.01	937,976,336.45	115,025,194.34
Frozen Fish Frame	52.50	10,500.00	24,158,000.00	2,424,913.00
Frozen Fish Heads	180.25	67,757.00	155,556,098.22	23,049,724.83
Frozen H&G	617.82	2,184,409.10	5,020,108,842.89	335,685,081.52
Frozen maws	123.24	6,736,130.07	15,198,843,373.51	657,616,969.73
Frozen Offcuts	551.43	341,078.67	784,780,795.90	126,878,927.17
Smoked NP/L.Vict	0.04	217.61	500,500.00	27,800.00
Total	**36,619.10**	**138,762,796.50**	**317,100,144,857.02**	**18,419,778,732.24**

Table 47: Trend of Nile perch export performance from 2008– 2020

Year	Weight (Tons)	Value (US $)	Value (TShs.)	Royality in (TShs.)
2008	38,721.42	153,740,723.30	180,366,779,818.20	5,412,912,979.20
2009	28,721.58	130,644,300.10	168,368,910,379.90	4,628,409,654.50
2010	27,229.47	139,666,995.10	194,012,069,313.90	4,509,670,993.80
2011	25,426.16	127,601,694.31	197,899,741,508.31	4,299,987,312.20
2012	28,951.09	141,189,161.64	220,149,518,645.58	4,967,311,025.08
2013	33,732.84	124,551,584.52	197,578,220,798.56	5,085,642,905.53
2014	24,473.49	665,856,773.02	1,131,575,531,076.13	4,569,314,169.58
2015	23,000.58	250,279,107.21	528,534,413,018.87	11,251,591,352.11
2016	26,044.66	177,338,054.38	345,417,803,263.42	6,964,514,349.11
2017	26,679.95	168,554,018.86	376,572,501,425.10	7,057,407,120.52
2018	32,166.95	179,522,958.87	409,654,290,064.54	9,689,153,198.04
2019	32,608.86	176,894,902.82	400,195,293,574.12	17,622,314,162.63
2020	24,173.47	132,369,802.05	302,303,225,916.36	13,627,647,551.08

Table 48: Export of fish and fishery products from Marine waters for 2020

OVERALL MONTHLY PERFOMANCE FOR MARINE, JANUARY TO DECEMBER, 2020				
Fishery Product	**Weight (Tons)**	**Value (USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Dried Dagaa/ Marine	1,092.49	2,710,416.52	6,259,864,416.12	559,997,803.92
Farmed Prawns	29.11	374,150.04	863,803,489.82	1,680,001.99
Frozen Lobster	4.80	88,975.50	205,518,105.33	15,516,808.44
Frozen Octopus	373.09	5,205,979.13	11,346,015,297.66	688,156,917.04
Frozen Prawns	213.07	2,100,293.21	4,842,119,906.81	148,919,055.85
Frozen Squids	7.10	2,228,987.49	5,125,841,459.28	8,977,700.00
Live Crabs	307.47	11,951,794.10	27,500,682,676.28	711,455,355.99
Live-Lobsters	80.95	2,267,057.08	5,234,580,253.30	275,771,112.91
Sea Shells/Cowries	812.03	534,932.06	1,236,978,817.53	123,484,790.91
Total	**2,920.11**	**27,462,585.11**	**62,615,404,422.13**	**2,533,959,547.05**

Table 44: Export of fish and fishery products from Lake Tanganyika 2020

OVERALL MONTHLY PERFOMANCE, JANUARY TO DECEMBER, 2020					
Fishery Product	**Weight (Tons)**	**Ornamental Fish**	**Value (USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Aquarium Fish/L.Tang		128,316.07	417,040.00	961,062,090.66	193,869,850.33
Dried dagaa/L.Tang	130.90		889,349.71	2,051,185,142.44	185,354,760.48
Dried Fish (Migebuka)/L.Tang	62.76		256,663.37	591,992,650.00	60,233,962.75
Fresh Fish (Mgebuka)/L.Tang	17.14		59,240.30	136,661,783.78	14,274,649.26
Total	**210.81**	**128,316.07**	**1,622,293.38**	**3,740,901,666.87**	**453,733,222.82**

Table 50: Export of fish and fishery products from Lake Nyasa 2020

OVERALL MONTHLY PERFOMANCE, JANUARY TO DECEMBER, 2020				
Fishery Product	**Weight (Tons)**	**Value (USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Dried Dagaa/L. Nyasa	0.90	1,077.00	2,477,100.00	620,000.00
Total	**0.90**	**1,077.00**	**2,477,100.00**	**620,000.00**

Table 51: Export of fish and fishery products from Lake Rukwa 2020

OVERALL MONTHLY PERFOMANCE, JANUARY TO DECEMBER, 2020				
Fishery Product	**Weight (Tons)**	**Value (USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Dried Fish/L. Rukwa	403.95	1,074,958.45	2,477,641,306.34	209,007,112.00
Fresh Fish/L.Rukwa	26.16	75,485.78	174,272,255.00	11,747,000.00
Total	**430.12**	**1,150,444.23**	**2,651,913,561.34**	**220,754,112.00**

Table 52: Export of fish and fishery from Lake Manyara 2020

OVERALL MONTHLY PERFOMANCE, JANUARY TO DECEMBER, 2020				
Fishery Product	**Weight (Tons)**	**Value(USD)**	**Value (Tshs)**	**Royalty (Tsh)**
Dried Fish meal/L. Manyara	54.00	14,690.27	33,691,220.00	2,571,000.00
Dried Fish/L. Eyasi/Manyara	199.18	80,756.38	185,214,024.00	44,037,606.00
Fresh Fish Meal/L. Manyara	42.00	11,981.50	27,300,000.00	1,914,600.00
Total	**295.18**	**107,428.15**	**246,205,244.00**	**48,523,206.00**

Table 53 Trend of Export of fish and fishery products from 2012-2020

Years	Products		Value in	Values in	Royality
	Weight (Tons)	Aquarium Fish	US D	TShs	TShs
2012	41,394.27	45,550.00	163,299,365.50	254,901,017,111.31	6,819,926,007.14
2013	38,573.61	44,260.00	147,659,778.56	234,884,628,955.92	6,117,769,193.74
2014	43,354.40	42,100.00	188,101,262.01	314,489,903,877.12	7,490,632,355.15
2015	41,059.45	87,630.00	189,329,412.94	379,250,998,566.00	13,097,411,199.19
2016	39,691.46	65,841.00	257,257,100.48	526,985,019,569.27	14,302,761,906.89
2017	36,063.23	101,110.00	182,450,277.75	406,568,122,271.47	10,446,850,538.58
2018	44,939.79	63,978.00	239,680,014.56	546,993,779,393.01	13,520,367,822.26
2019	45,775.17	136,915.00	222,294,551.77	502,124,546,395.24	25,567,600,872.63
2020	40,477.97	128,316.07	169,111,837.12	386,369,197,733.30	21,678,640,820.11

Table 54: List of Potential exporters of fish and fishery products for 2020

S/N	Location/region	Name of fish processing establishment	Installed capacity tons/day	Current capacity Tons./day	Types of product
1	Magu	**Delish Foods Ltd**			**Frozen fillets**
		P.O.BOX 11346,			Frozen and Chilled fillets,
		ISANGIJO, MAGU			Headed & Gutted
		Mobile: +255 622 531 414			and Frozen Fish maws.
		Email: hussein@alloo.com			
			10	3	
2	Mwanza	**Nile Perch Fisheries Ltd**			**Nile Perch Products:**
		ADDRESS: P. O. Box 1753,			Frozen and Chilled fillets,
		MWANZA.			Headed & Gutted
		Tel: 255 28 2570329			and Frozen Fish maws.
		Fax: 255 28 2570430			
		E-mail: info@nileperchfisheries.com			
			175	40	
3	Mwanza	**Tanzania Fish Processors Ltd**	120	40	**Nile Perch Products:**

		ADDRESS: P. O. Box 3001, MWANZA. Tel: 255 28 2550105 Fax: 255 28 2550482 Mobile: 255 784 233650 E-mail: tfpl@alphatz.com			Frozen and Chilled fillets, Headed & Gutted and Frozen Fish maws.
4	Mwanza	**Victoria Perch Ltd** ADDRESS: P. O. Box 348, MWANZA. Tel: 255 28 2560868 Fax: 255 28 2561184 Mobile: 255 784 522276 255 784 521027 E- mail: mwanzafish@africaonline.co.tz	45	25	**Nile Perch Products:** Frozen and Chilled fillets, Headed & Gutted Frozen Fish maws. and Belly Flaps, Fish Chest
5	Mwanza	**Omega Fish Ltd** ADDRESS: P.O.BOX 94 MWANZA TEL+.255-28-2560665/ 2560336 FAX.+255-28-2560561 E-mail: omegafish@africaonline.co.tz	75	15	**Nile Perch Products:** Frozen and Chilled fillets, Headed & Gutted and Frozen Fish maws.
6	Mwanza	**Nature's Fish Ltd** ADDRESS: P.O.BOX 2589, MZA TEL: FAX: +255 784 500327	50	15	**Nile Perch Products:** Frozen and Chilled fillets, and Frozen Fish maws. Frozen and fresh H&G
7	Musoma	**Musoma Fish Processors** ADDRESS: P. O. Box 1149, MUSOMA. Tel: 255 28 2622988/9 Fax: 255 28 2622112 Mobile: 255 7 13 275225	30	10	**Nile Perch Products:** Frozen and Chilled fillets, and Frozen Fish maws.

		255 713 298937			
		E-mail: mspl@alphatz.com			
8	Bukoba	**Kagera Fish Company Ltd**			**Nile Perch Products:**
		ADDRESS: P. O. Box 180			Frozen and Chilled fillets,
		BUKOBA.			and Frozen Fish maws.
		Tel: 255 744 000888/660963			
		E.mail kagera@yahoo.co.uk	35	3	
9	Bukoba	Vic Fish Ltd			Frozen and Chilled fillets,
		ADDRESS: P. O. Box 1139,			and Frozen Fish maws.
		BUKOBA.			
		Tel: 255 28 220565/41/63			
		Fax: 255 28 220566			
		Mobile: 255 784 780633			
		E-mail: admin.vicbkb@naturersbountytz.com	60	25	
10	Bukoba	Faruk Gennera Supplies, P.O.Box 10, Kemondo, Bukoba TEL. +255625 097 533/759 885 205 Email. shaffiisaack@gmail.com	2	0.5	Frozen fillets, Frozen H&G
11	Dar es Salaam	Alphakrust Ltd			
		ADDRESS: P.O BOX 8316 **DAR ES SALAAM** Tel: 255 22 2128854 255 22 2128828 Fax: 255 51 111069 Mobile: 255 784 900885 ganeshan.vedagiri@tz.alphaafrica.com			**Products:** Octopus Squids, Crabs and Lobsters , Live Lobsters
		DARE S SALAAM	-	15	
12	Dar es Salaam	Bahari Foods Ltd			**Products:** Plant Frozen prawns,
		ADDRESS: P. O Box 3978			Sword Fish, Octopus Squids,
					Chilled Tuna Loins
		DAR ES SALAAM			and Sea Frozen Prawns.
		Tel: 255 22 2602504/5			
		Fax: 255 22 2602490			
		Mobile: 255 784 780633	-	8	

		bhagat@vicfish.com bahari@naturesbounty.tz.com			
13	Pwani	Tanpesca Mafia Plant Ltd ADDRESS: P.O Box 8316 **DAR ES SALAAM** Tel: 255 22 2128854 Fax: 255 51 111069 Mobile: 255 784 900885 ganeshan.vedagiri@tz.alphaafrica.com www.alphaafrica.com	20	15	**Products:** Plant Frozen prawns, Cuttle Fish, Octopus, Squids, Crabs and Lobsters
14	Dar es Salaam	KAWTHAR SEA FOOD EXPORT S. L. P. 54182 **DAR ES SALAAM** Tel: 0782 533 000	-	3.2	**Products:** Plant Frozen prawns, Cuttle Fish, Octopus, Squids, Crabs and Lobsters
15	Tanga	TANPESCA LTD TANGA S. L. P 8316 **DAR ES SALAAM** Tel: 255 22 2128854 255 22 2128828 Fax: 255 51 111069 Mobile: 255 784 900885 ganeshan.vedagiri@tz.alphaafrica.com www.alphaafrica.com	-	10	**Products:** Plant Frozen prawns, Sword Fish, Octopus Squids, Chilled Tuna Loins and Sea Frozen Prawns
16	Mkuranga	Abajuko Enterprises Ltd P. O Box 42129 DAR ES SALAAM Phone: 22 2856600 Mobile: 0784 267 358 0754 267 358 abajukoseafoods1@gmail.com	-	10	**Products:** Plant Frozen prawns, Cuttle Fish, Octopus, Squids, Crabs and Lobsters
17	Dar es Salaam	Biaghat (Hired by Serengeti Turkey) P. O Box 3943 DAR ES SALAAM			
18	Dar es Salaam	INSTADAR)			

		(ABDL) P. O Box 11430 DAR ES SALAAM			

2.4 Import fisheries import data

In 2020, the country received a total of 5.3 MT worth 27.2 Million TShs from outside the country. Fish importation is done not because of the shortage of fish in the country but mainly due to preferences of a certain type of fish which are not available in the county for the Hotels and supermarket purposes (Table 55). However, the trend of fish importation shows to decrease yearly (Table 56).

Table 55: The status of fish Import in 2020.

OVERALL MONTHLY PERFOMANCE FROM JANUARY TO DECEMBER, 2020.						
Fishery Product	Weight (Tons)	Live Fish (Pcs)	Value (USD)	Value (Tshs)	Import Fee (Tsh)	Country of Origin
Aquarium Fish		1,489.12	27,173.13	4,018,688.63	572,685	Singerpore
Dried Finfish	1.66		3,324.17	7,640,776.75	6,764,799.86	Mozambique
Frozen Fish/Salmon	2.94		49,090.19	113,289,542.94	16,501,732.66	Denmark and Norway
Seashells	0.05		156.52	360,000.00	300,000.00	Mozambique
Smoked Salmon	0.68		8,035.58	18,486,655.34	3,028,991.38	Singerpore
Total	5.33	1,489.12	87,779.59	143,795,663.66	27,168,208.90	

Table 56: Trend of Import of fish and fishery products from 2012-2020

Year	Weight (MT)	Live Fish(Pcs)	CIF Value		Royalty (TShs)
			US $	TShs	
2012	4,885.69		3,512,976.00	5,507,054,266.00	1,681,166,953.00
2013	6,642.40		5,718,245.60	9,027,183,853.10	2,649,611,644.00
2014	6,792.26		6,009,654.90	9,889,823,440.20	2,818,169,085.90
2015	16,743.96		15,338,684.90	32,211,238,339.30	7,247,564,250.00
2016	13,971.66		12,749,582.82	26,774,123,924.68	8,519,807,734.03
2017	22,961.67		25,065,355.98	56,121,332,048.16	12,869,006,181.43
2018	22,752.38		19,571,180.00	44,896,287,034.70	12,929,314,630.85
2019	5.98		50,693.12	116,594,174.26	37,010,742.03
2020	5.33	1489.12	49,933.72	114,864,544.45	27,168,209.20

3.0 CONCLUSION AND WAY FORWARD

Data used on assessing the overall performance of the fisheries sector are usually derived from the Fisheries Frame Survey and Catch Assessment Survey (CAS). Fisheries Frame Survey is a census-based approach in which data and information related to all aspects of a certain fishery is collected. The data and information collected in this survey include fishing vessels, fishing gears, fishers and other beach based fisheries related services and facilities (fish landing sites, fish markets, cold store facilities e.t.c). On the other hand, Catch Assessment Survey is a daily routine catch data collection from specified landing sites within a specified time from certain water bodies. The data and information gathered from Fisheries Frame Survey used as a raising factor to estimate the total fish catch of a certain water body using data from Catch Assessment Survey.

These two Surveys together, therefore, provide the opportunity for gathering data and information such as fishing efforts, total catch and other supplementary fisheries-related information, which are useful for future planning purposes and decision making towards the sustainability of the fishery and other socio-economics issues of the fishing stakeholders and the nation at large. Other information and data usually collected during the survey include fish consumption, export and import. All these kinds of data and information are useful in explaining the Fisheries sector's performance at a specified area and time. However, due to reliable financial constraints, these surveys are not conducted as required and prevent the ability of the Ministry to have reliable, updated and accurate fisheries data and information.

4.0 WAY FORWARD

Basing on the above-mentioned facts, the Ministry of Livestock and Fisheries should put an extra effort to improve system for fisheries data and information collection. Setting aside enough fund to undertake frequent Fisheries Frame survey and Catch Assessment Survey which will enable to have up to date and reliable data. This efforts should go along with efforts to sensitize LGAs to participate fully in this excises by setting aside the fund and staff to undertake fisheries data collection involving BMUs and conduct thorough inventory of all minor water bodies in order to have a representative samples on the Tanzania fishery. Furthermore, use of mobile in data collection (e-CAS) should be enhanced at all levels.